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Martin Abbess

WOODS HOLE OCEANOGRAPHIC INSTITUTION

WOODS HOLE OCEANOGRAPHIC INSTITUTION

REFERENCE NO. 71-15

DATA FILE
CONTINENTAL MARGIN PROGRAM
ATLANTIC COAST OF THE UNITED STATES

Vol. 2 Samples Collection and Analytical Data

compiled and edited by

John C. Hathaway

U. S. Geological Survey, Woods Hole, Mass.

WOODS HOLE, MASSACHUSETTS

MCG06 05002

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INTRODUCTION

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The purpose of the data file presented below is twofold: the first purpose is to make available in printed form the basic data relating to the samples collected as part of the joint U.S. Geological Survey - Woods Hole Oceanographic Institution program of study of the Atlantic continental margin of the United States; the second purpose is to maintain these data in a form that is easily retrievable by modern computer methods. With the data in such form, repeated manual transcription for statistical or similar mathematical treatment becomes unnecessary. Manual plotting of information or derivatives from the information may also be eliminated. Not only is handling of data by the computer considerably faster than manual techniques, but a fruitful source of errors, transcription mistakes, is eliminated.

The sample collection data were transferred from the original field sheets to punched cards and from punched cards to magnetic tape. Computer printout sheets from these cards and tapes were checked for accuracy against the original field sheets and corrected if necessary. The analytical data were either generated directly by computer programs or transcribed from laboratory data sheets. The data presented here are reproductions of the final computer printout of the sample collection information contained in the magnetic tape file.

This volume supersedes Volume 1 (Hathaway, 1966) and its supplement (Hathaway, 1967).

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ACKNOWLEDGEMENTS

Primary collection information was obtained by the various scientific parties aboard the numerous cruises on which the samples were obtained (see Table 1 below). Karen Gunn, Joseph R. Frothingham, Jr., Charlsa L. Head, and Frederick J. Jones transcribed information from the greater part of the field sheets and subsequently aided in proofreading of the file. All the color determinations were made by Daniel J. Stanley (Stanley, 1969). Those stations beginning with the letters A,B,M,N,S, and W were collected by ships of the Bureau of Commercial Fisheries. The help of Roland L. Wigley of that Bureau in making available these samples and the field information about them is also gratefully acknowledged. Most of the beach samples were collected by the Beach Studies Group under the direction of John M. Zeigler.

Acknowledgements of those responsible for the various analytical results are given in the introductory information for each of the analytical data sections.

Jacqueline Webster provided considerable advice and assistance in the preparation of computer programs by the editor.

The joint program was under the direction of K.O. Emery from 1962 to 1968.

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WOODS HOLE OCEANOGRAPHIC INSTITUTION
Woods Hole, Massachusetts

REFERENCE NO. 71-15

IN COOPERATION WITH THE U.S. GEOLOGICAL SURVEY

DATA FILE
CONTINENTAL MARGIN PROGRAM
ATLANTIC COAST OF THE UNITED STATES

Vol. 2 Sample Collection and Analytical Data

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John C. Hathaway
U.S. Geological Survey, Woods Hole, Mass.

February 1971

TECHNICAL REPORT

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Approved for Distribution J. R. Heirtzler

J. R. Heirtzler, Chairman
Department of Geology & Geophysics

Table 1 - Cruises and participating scientists

CRUISE[1/]	BASIC PURPOSE[2/]	AREA	DATES DA MO YR	DATES DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
GOS 7	T	Cuttyhunk	6 03 63	6 03 63	K.O. Emery	D.F. Bumpus, James Trumbull, Elazar Uchupi, R.G. Walden
GOS 9	T	Wilkinson Basin	22 04 63	24 04 63	Jobst Hülsemann	M. Mullen, Richard Tagg, James Trumbull, L. Hoadley, B. Wentworth
GOS 10	T	Tarpaulin Cove, Buzzards Bay	26 04 63	26 04 63	K.O. Emery	Jobst Hülsemann, John Schlee, James Trumbull, R.M. Pratt, Roland Wigley, Arthur Merrill
GOS 11	T	Gay Head	30 04 63	30 04 63	K.O. Emery	Jobst Hülsemann, James Trumbull, R.M. Pratt, Richard Tagg, David Owen, C.M. dePonte
GOS 12	G	Gulf of Maine	2 05 63	7 05 63	K.O. Emery	R.M. Pratt, Jobst Hülsemann, Donald Casey, James Trumbull, Thomas Gibson
GOS 13	G	S.W. Georges Bank, S. of Long Island	9 05 63	14 05 63	Jobst Hülsemann	Donald Casey, John Hathaway, Russell Paul, James Trumbull, Elazar Uchupi
GOS 16	T	Buzzards Bay	11 06 63	11 06 63	Elazar Uchupi	R. Knox, Russell Paul, David Caufield
GOS 17	S	S. of Martha's Vineyard	12 06 63	14 06 63	Elazar Uchupi	Russell Paul, R.M. Pratt, John Schlee, Richard Tagg, David Caufield

1/ GOS = R/V GOSNOLD
AST = R/V ASTERIAS
AB4 = R/V ALBATROSS IV
ALV = DSRV ALVIN
CHN = R/V CHAIN
VER = R/V A.E. VERRILL
DOL = R/V DOLPHIN
LUL = DSRVT LULU

2/ G = Geological and biological sampling
S = Seismic profiling
T = Testing of equipment

CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR - DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
GOS 18	S	Gulf of Maine	15 06 63 - 30 06 63	Elazar Uchupi	Robert Brodie, Russell Paul, Richard Tagg, John Watts
GOS 20	T	Buzzards Bay	16 07 63 - 16 07 63	Jobst Hülsemann	James Trumbull, Jack Burke, Carl High, Helen Keith, Howard Phillips, Peter Sachs, Peter Schwamb, Ted Young
GOS 21	G	Gulf of Maine	29 07 63 - 31 07 63	Raymond Siever	Allan Jopling, Pat Wilde, Kevin Beck, Jeffrey Hanor, R.M. Pratt, David Osborn, Charles Kinnard
GOS 22	G	Gulf of Maine	5 08 63 - 17 08 63	K.O. Emery	Robert Brodie, Donald Casey, Arthur Merrill, James Trumbull, Martin Weiss
GOS 24	G	Gulf of Maine	24 08 63 - 4 09 63	Jobst Hülsemann	Robert Brodie, Russell Paul, John Schlee, James Trumbull
GOS 28	G	South of Buzzards Bay	3 10 63 - 6 10 63	Richard M. Pratt	James Trumbull, Robert Meade, Richard Tagg, Thomas Gibson, J.B. Pierce
GOS 29	G	N.Y.-N.J. Shelf	8 10 63 - 27 10 63	Richard M. Pratt	James Trumbull, John Schlee, Robert Meade, John Hathaway, Thomas Gibson, Edward Bradley
GOS 31	T	Gay Head	13 11 63 - 13 11 63	R.K. Paul	David Caufield, Richard Nowak, James Trumbull, Richard Tagg, Robert Meade, Fred Mangelsdorf
GOS 33	S	Carolina-Florida Shelf	23 11 63 - 2 12 63	K.O. Emery	Russell Paul, Richard Tagg, Arthur Merrill
			3 12 63 - 20 12 63	Jobst Hülsemann	Russell Paul, Richard Tagg, John Schlee, John Maher, James Trumbull
AST 1	G	Nantucket Sound	22 04 64 - 23 04 64	James Trumbull	John Schlee, Roland Wigley, Frank Manheim

CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR	DATES DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
AST "2"	T	Woods Hole	12 05 64	12 05 64	Frank T. Manheim	Richard Tagg, James Trumbull, James Frothingham, Daniel Stanley
GOS 45	G	Cape Hatteras to Key West	15 05 64	30 06 64	Richard M. Pratt	Joseph Frothingham, James Trumbull, Frank Manheim, Roger Theroux, Edward Pastula, Richard Tagg, Daniel Stanley, Henry Jensen, Robert Wait, Charles Hollister
AST 2	G	Mt. Desert Is, Me. to Norfolk, Va.	1 07 64	9 08 64	James Trumbull	Arthur Wegweiser, William Moehl, Robert Meade
GOS 49	G	Georges Bank to Cape Hatteras	1 08 64	29 08 64	Jobst Hülsemann	John Schlee, Peter McFarlin, Bruce Burns, Michael Page, Arthur Wegweiser, Roland Wigley, James Coplan, George deVries Klein, Evan Haynet, Gilbert Corwin, Joseph Hazel
GOS 51	G	Georges Bank, NE Channel, Gt. S. Channel	14 09 64	23 04 64	Richard M. Pratt	James Trumbull, Frank Manheim
GOS 53	S	Gulf of Maine, adjacent banks	2 10 64	31 10 64	Elazar Uchupi	D. Needham, David Neev, Russell Paul, Richard Tagg, Edward Bradley, Robert Meade, Robert Oldale
GOS 56	S	Nantucket to Cape May	16 11 64	20 11 64	Elazar Uchupi	Richard Tagg, Peter McFarlin, Russell Paul
AST 3	G	Norfolk, Va. to Jacksonville, Fla.	4 05 64	12 06 65	James Trumbull	Klaus Bandel, Robert Meade, David Ross
GOS 72	S	Gay Head to Key West	18 05 64	30 06 65	Elazar Uchupi	Bryce Hand, Russell Paul, Richard Tagg, R.Clark, C. Cunningham, Jr., P. Boyer, K. Bryant, Gideon Almagor, W. Sutphen
AB4 11	G	Gulf of Maine, Georges Bank, Shelf S. of Martha's Vineyard	17 08 65	27 08 65	Roland Wigley	Frank Bailey, Gibert Chase, Evan Haynes, Roger Theroux, Patrick Twohig, John Schlee, Claude Marmasse, Thomas Schopf

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CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR - DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
GOS 74	G	Blake Plateau and nearby shelf	17 08 65 - 23 09 65	Richard M. Pratt	Peter McFarlin, David Johnson, H.A. Jones, M.L. Williams, J. Richard Jadanec, John Nauman, H.A. Fehlmann, William Walker, J.T. Irving, Ronald J. Walton
GOS 77	S	Woods Hole to Morehead City	14 10 65 - 9 11 65	Elazar Uchupi	K.O. Emery, Russell Paul, Richard Tagg, B.V. Schekhatov, J.L. Luternaver, Thomas Schopf
ALV 108	G	Fishing Ledge, Cape Cod Bay	23 10 65 - 23 10 65	James Trumbull	Valentine Wilson (pilot)
GOS 85	G	Continental Rise off Middle Atlantic States	25 04 66 - 3 05 66	Richard M. Pratt	James Trumbull, David Ross, Herbert Pettengall
GOS 87	S	Continental Slope off Northeastern US	22 05 66 - 11 06 66	Elazar Uchupi	Russell Paul, K.E. Prada, D.W. Folger, T. Owen, W. Simonson, A. Teelmaa
GOS 88	G	Continental Slope off Georges Bank and Scotian Shelf	18 06 66 - 1 07 66	Richard M. Pratt	Peter McFarlin, Charles Sommerson, James Trumbull, Donald Nixon
GOS 90	G	Continental Slope, Va. to Georges Bank	1 08 66 - 8 08 66	John Schlee	K.O. Emery, R.M. Pratt, David Gates, Michael Smith, Thomas Schopf
			10 08 66 - 16 08 66	K.O. Emery	David Ross, James Trumbull, Michael Smith, William Walker, Thomas Schopf
			18 08 66 - 25 08 66	James Trumbull	Robert Meade, William Walker, Frank Manheim, John Hathaway, A.L. White
ALV 166	G	Tongue of the Ocean, Bahamas	23 08 66 - 23 08 66	John Schlee	Valentine Wilson (pilot)
ALV 167	G	Tongue of the Ocean, Bahamas	24 08 66 - 24 08 66	John Schlee	Marvin McCamus (pilot)

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CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR	DATES DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
GOS 91	S	Gulf of Maine, Georges Banks off Block Island	8 09 66	16 09 66	Elazar Uchupi	J.E. Sanders, P. Warner, X. Biakis, H. Mellace, Richard Pratt, Jobst Hulsemann, Betty Bunce, S.T. Knott, Richard Tagg, James Trumbull, R. Gardner
			16 09 66	23 09 66	K.O. Emery	John Murray, J.E. Sanders, P. Warner, X. Biakis, H. Mellace
GOS 92	S	Continental Slope and Rise S. of Block Island	1 10 66	5 10 66	Elazar Uchupi	K.E. Prada, J. Smith
ALV 184	G	Oceanographer Canyon	15 10 66	15 10 66	James Trumbull	Marvin McCamus (pilot)
GOS 94	T	Continental Shelf, Slope and Rise along 71° meridian	13 10 66	15 10 66	S.T. Knott	K.E. Prada, Thomas Stetson J. Doutt
GOS 95	S	Continental Margin, E. Coast U.S. and Gulf of Mexico	1 11 66	15 12 66	Elazar Uchupi	K.E. Prada, Fred Jones, C. Petersen, J.S. Bradley, J.R. Underwood, J. Harding, E. Brett, H.K. Brooke, K.O. Emery, J. Morgan, J. Wallace, J. Dowling, J. Rehkemper, B. Sutherland, K.A. Schwarz
ALV 200 -203	G	Blake Plateau	2 07 67	8 07 67	John Milliman	F.T. Manheim, R.M. Pratt, E.F.K. Zarudzki
ALV 205, 206	G	Continental Shelf off Norfolk, Va.	17 07 67	18 07 67	R.L. Edwards, K.O. Emery	
ALV 207, 208	G	Oceanographer Canyon	2 08 67	8 08 67	James Trumbull	John Hathaway, J.D. Milliman

CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR - DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
ALV 215, 216	G	Georges Bank	29 08 67 - 3 09 67	James Trumbull	Charles Hollister, David Ross, Roland Wigley
ALV 234-237	G	Continental Slope S. of Martha's Vineyard	12 10 67 - 16 10 67	K.O. Emery	David Ross
CHN 81	S	New England Seamount Chain	20 04 68 - 2 05 68	Elazar Uchupi	K.E. Prada, J.D. Milliman, L.E. Gaudette, R.N. Oldale, R.D. Ballard, G.W. Webb, M. Farrell, W. Woodward
GOS 118	G	Gulf of Maine	20 05 68 - 28 05 68	John Schlee	John Hathaway, Carlyle Hayes
ALV 268 -270	G	Platts Bank area	22 05 68 - 26 05 68	John Schlee	John Hathaway
GOS 120	G	Lydonia Canyon	10 06 68 - 18 06 68	David Ross	John Hathaway
ALV 274, 275	G	Lydonia Canyon	16 06 68 - 17 06 68	David Ross	John Hathaway
ALV 286, 287	G	Bear Seamount	20 07 68 - 26 07 68	K.O. Emery	John Milliman
AB4 12	G	Gulf of Maine	12 08 68 - 22 08 68	R.L. Wigley	B.R. Burns, T.L. Morris, E.E. Frame, H.J. Kunkel, A.L. Carter, R.E. Van Nieuwenhuize, H.H. Plough, M.H. Ruef
AST 6	S	Nantucket and Vineyard Sounds, Buzzards Bay	3 08 68 - 13 08 68	R.N. Oldale	L.E. Gaudette, K.E. Prada
GOS 132	G	Northeast Continental Slope & Rise	19 08 68 - 29 08 68	Peter Sachs	D. Folger, R. Haedrich, M. Trojano, P. Gibson
AST	G	Fishing Ledge	10 09 68 - 10 09 68	Robert N. Oldale	John Milliman, R.D. Ballard, Richard Edwards, David Owen, David Mason

CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR - DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
AB4 18	G	Shelf S. of Martha's Vineyard	9 12 68 - 13 12 68	Charles Hollister	P. Biscaye, B. Korites, Ann Weston, Susan Kadar, Judy Maifeld, F. Jones, B. Aydelette, C.C. Magruder, M. Pearlman, B. Cohen, K. Donly
VER 31	G	Cape Cod Bay to Casco Bay	17 06 69 - 19 06 69	D.W. Folger	R.H. Meade, Susan Kadar
DOL 18	G	Cape Ann, Mass.	19 07 69 - 28 07 69	John Schlee	John Sanders, Charles Wobst, Walter Pyrch, Steven Senft, Joseph MacIlvaine
VER 41	G	Massachusetts Bay	22 07 69 - 23 07 69	John Milliman	R. Burroughs
AST 4	G	Somes Sound	4 07 69 - 8 07 69	R.H. Meade	R.L. Cory, D.W. Folger, B.F. Jones, R. Berner, D. Stewart, S. Huebner
VER 52	G	Massachusetts Bay	20 08 69 - 21 08 69	D.W. Folger	Joseph MacIlvaine, Ann Weston, David Porter
GOS 146	S	Cape Cod Bay to Casco Bay	2 09 69 - 11 09 69	Elazar Uchupi	K.E. Prada, R.N. Oldale, R.D. Ballard, M. Kane, Z. Ben-Avraham
LUL 31	S	Nantucket Sound, Vineyard Sound, Buzzards Bay, Cape Cod Bay	12 03 69 - 17 03 70	Robert N. Oldale	George Meir, Clifford Winget, Dan Jipa
GOS	G	W. Gulf of Maine	10 06 70 - 16 06 70	John Schlee	D.W. Folger, R.N. Oldale, J.D. Milliman, C. O'Hara, Dan Jipa, R. Doyle, A. Hussey
GOS 164	G	Cape Cod Bay to Casco Bay	11 06 70 - 16 06 70	John Schlee	Charles O'Hara, D.W. Folger, John Milliman, Dan Jipa, Robert Oldale

CRUISE	BASIC PURPOSE	AREA	DATES DA MO YR	- DA MO YR	SCIENTIST IN CHARGE	PARTICIPANTS
VER 20*	G	Massachusetts Bay	20 07 70	24 07 70	D.W. Folger	Charles O'Hara, Robert Oldale, B. Butman, R. Burrows
VER 26*	G	Massachusetts Bay	10 08 70	14 08 70	John Schlee, D.W. Folger	Charles O'Hara, Dan Jipa
VER 29*	G	Massachusetts and Cape Cod Bays	14 09 70	18 09 70	John Schlee	Charles O'Hara, R.H. Meade, R. Wilkins
VER 41*	G	Massachusetts and Cape Cod Bays	19 10 70	23 10 70	John Schlee	Charles O'Hara, B. Butman, J. Jackmovicz

* These cruises are part of a joint project of the U.S. Geological Survey and the Massachusetts Department of Public Works.

STRUCTURE OF THE DATA FILE

The basic unit of the file is a standard 120 character BCD (binary coded decimal) magnetic tape record. Each of these records is assigned a code number that indicates the type of information contained in the record. The information for each station is contained in several of these records, each with a characteristic code number. Examples of the types of information represented by these records or code lines follow:

Code No.	Information contained
	COLLECTION DATA
100	Station number, cruise number, date, time, time zone, general area, area code, sheet number, method of navigation, position, corrected depth, method of sounding.
110	Station number, sampling equipment, equipment code, lithologic description.
120	Station number, number of drops, volume obtained, percent processed, biologic description.
130	Station number, sample color, Forel color, Secchi disc reading, type and number of photographs, air temperature, surface water temperature; indicators as to whether the following were taken: bathythermograph, plankton tow, sample for archives, special geology sample; miscellaneous notes and comments.
140	(Core samples only) Station number, device, condition, weight, free fall, penetration, core diameter, core length, condition, disturbed portion, sectioning, extraction, volume, preservation.
	ANALYTICAL DATA
200-299	Size analysis: phi classes and frequency, percent of sand, silt and clay, modes and mode strength, number of modes, mean, median, standard deviation of size, skewness, kurtosis, sediment name, curve type.
300-399	Microscopical analysis of sand fraction.
400-499	Calcium carbonate, organic carbon and nitrogen analysis.
500-599	Mineralogical analysis.
600-699	Gravel analysis.
700-799	Chemical analysis.
800-899	Biological data.

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A tape for each code line contains the information for each station arranged in numerical and alphabetical order as follows:

Code No.	Station No.	
100	1001	Appropriate Data
100	1002	" "
100	1003	" "
100	1004	" "
...	....	" "

The data in this volume are given as a separate table or section for each code line. Explanations of the information contained in the code line are given in the pages immediately preceding these tables.

Code Line 100 Cruise and station position data

Code line 100 contains the cruise number, date, time, position and depth of water at the station.

Explanation of headings

CODE # The number indicates that the line contains the type of data characterized by code 100.

STATION # The number assigned to the location at which a sample or information was taken. Two general types of station numbers are used in this file. Those of 4 numerals beginning with station number 1000 and those with the letter H followed by 3 numerals were collected as part of the Continental Margin Program. Most station numbers consisting of a letter followed by 3 numerals were collected by groups other than the Continental Margin Program and were supplied by the following: Stations beginning with the letters A,B,M,N,S, and W were supplied by the Bureau of Commercial Fisheries. Stations beginning with D were supplied by the U.S. Coast and Geodetic Survey. Stations beginning with E were supplied by Howard L. Sanders of the Woods Hole Oceanographic Institution and those beginning with P by Richard M. Pratt of the Woods Hole Oceanographic Institution. Most stations beginning with L were collected by the Beach Studies group under the direction of John M. Zeigler of the Woods Hole Oceanographic Institution.

Special note on letters following station numbers

Some station numbers are followed by letters and these letters may have two different meanings. If the letter follows the numerals with no intervening space, this letter is considered part of the station number and indicates a specific position for the station that differs from one having a different following letter. The letter U indicates that the station was made while underway. A space between the numerals and the following letter indicates that the letter identifies a subsample from the material obtained at the same station. If such subdivision of the sample was made, general information for the station is duplicated from the lines for subsample A.

CRUISE # The first 3 letters identify the ship as follows:

AB3	ALBATROSS III
AB4	ALBATROSS IV
ALV	ALVIN
AST	ASTERIAS
AT	ATLANTIS
AT2	ATLANTIS II
CB4	CAP'N BILL IV
CHN	CHAIN
DEL	DELAWARE
DOL	DOLPHIN
EXP	EXPLORER
GOS	GOSNOLD
LUL	LULU
NAR	NARRAGANSETT
VER	A.E. VERRILL

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The numerals following the letters are the cruise number for that ship. For the ALBATROSS III, ALBATROSS IV, DELAWARE, and A.E. VERRILL cruises this number refers to a specific year; therefore, the date should be noted for these cruises as the same number may be repeated in a subsequent year.

DATE

DA	Day as 01, 02, etc.
MO	Month as 01 through 12
YR	Year as 60 for 1960, etc.

TIME — Local time as 0001 through 2400

TIME ZONE — Local time zone as hours from Greenwich Time.

4 = Eastern Daylight Time
5 = Eastern Standard Time

GENERAL AREA — Word description of location of station

AREA CODE — See area code map, p.453

SHEET # — Indicates on which of the three Atlantic Continental Margin maps the station is located.

1 = North sheet
2 = Middle sheet
3 = South sheet

METHOD OF NAVIGATION — Number indicates method by which position was obtained

01 = Visual or radar
02 = Loran A
03 = Dead reckoning

POSITION

LAT — Latitude in degrees, minutes and hundredths of minutes, North

LON — Longitude in degrees, minutes and hundredths of minutes, West

CORRECTED DEPTH — Depth of water in meters corrected for velocity of sound and keel depth of ship if a sonic depth, or corrected for winch reading if wire depth.

METHOD OF SOUNDING — Method by which depth was determined

1 = Echo sounder
2 = Wire depth
3 = Depth taken from chart
4 = Depth gauge (submarine)

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
100	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Cruise (Ship)	19-21	A	3		
	Cruise (Number)	23-25	A	3		
	Date, Day	28,29	A	2		
	Date, Month	31,32	A	2		
	Date, Year	34,35	A	2		
	Time	39-42	A	4		
	Time zone	45	A	1		
	General Area	49-69	A	21		
	Area Code	71-73	A	3		
	Sheet No.	77	A	1		
	Method of Navigation	82,83	A	2		
	Position, Latitude, degrees	86,87	I	2		
	Position, Latitude, minutes, hundredths	89-93	F	5	91	2
	Position, Longitude, degrees	96,97	I	2		
	Position, Longitude, minutes, hundredths	99-103	F	5	101	2
	Corrected depth	106-109	I	4		
	Sounding method	115	A	1		

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	A002	AB3 70	07 12 55	0200	5	NANTUCKET SHOALS	18	1	02	41 06.0	69 17.0	51	1
100	A003	AB3 70	07 12 55	0510	5	SW CHANNEL	17	1	02	40 51.0	68 55.0	66	1
100	A012	AB3 70	08 12 55	1610	5	GEORGES BANK	14	1	02	41 23.0	66 59.0	69	1
100	A015	AB3 70	09 12 55	0105	5	GEORGES BANK	14	1	02	41 38.0	67 57.0	20	1
100	A016	AB3 70	09 12 55	0330	5	GEORGES BANK	14	1	02	41 21.0	67 59.0	33	1
100	A020	AB3 70	11 12 55	1850	5	SW GULF OF MAINE	13	1	02	41 54.0	69 37.0	185	1
100	A023	AB3 70	12 12 55	0430	5	SW GULF OF MAINE	13	1	02	42 10.0	68 38.0	185	1
100	A026	AB3 70	12 12 55	1505	5	GEORGES BANK	14	1	02	41 55.0	67 39.0	33	1
100	A028	AB3 70	12 12 55	2130	5	GEORGES BANK	14	1	02	41 54.0	66 58.0	55	1
100	A036	AB3 70	14 12 55	0540	5	GEORGES BANK	14	1	02	42 10.0	66 57.0	107	1
100	A037A	AB3 70	14 12 55	1330	5	GEORGES BANK	14	1	02	41 54.0	67 14.0	60	1
100	A038	AB3 70	14 12 55	1730	5	GEORGES BANK	14	1	02	41 40.0	67 36.0	51	1
100	A040	AB3 70	14 12 55	2235	5	GEORGES BANK	14	1	02	42 10.0	67 38.0	185	1
100	A041	AB3 70	15 12 55	0306	5	CENTRAL GULF OF MAINE	10	1	02	42 10.0	68 16.0	198	1
100	A042	AB3 70	15 12 55	0545	5	SW GULF OF MAINE	13	1	02	41 55.0	68 36.0	170	1
100	A044	AB3 70	15 12 55	1500	5	GEORGES BANK	14	1	02	41 21.0	68 38.0	78	1
100	A045	AB3 70	15 12 55	1800	5	GEORGES BANK	14	1	02	41 06.0	68 19.0	38	1
100	A046	AB3 70	15 12 55	2200	5	GEORGES BANK	14	1	02	41 06.0	67 38.0	49	1
100	A047	AB3 70	16 12 55	0030	5	GEORGES BANK	14	1	02	41 22.0	67 19.0	49	1
100	A048	AB3 70	16 12 55	0320	5	GEORGES BANK	14	1	02	41 38.0	66 57.0	62	1
100	A052	AB3 70	17 12 55	2015	5	GEORGES BANK	14	1	02	41 06.0	66 58.0	73	1
100	A055	AB3 70	18 12 55	2140	5	GEORGES BANK	14	1	02	41 09.0	68 56.0	91	1
100	B003	AB3 80	13 08 56	0300	4	GEORGES BANK	14	1	02	41 54.0	65 57.0	109	1
100	B005	AB3 80	15 08 56	0500	4	N OF GEORGES BANK	9	1	02	42 10.0	67 58.0	234	1
100	D003	EXP 401	29 06 60			NANTUCKET SHOALS	18	1	02	41 17.9	69 33.1		1
100	D007	EXP 401	20 07 60			NANTUCKET SHOALS	18	1	02	40 50.0	69 24.0	42	1
100	D009	EXP 401	21 07 60			NANTUCKET SHOALS	18	1	02	41 06.0	69 31.0	31	1
100	E001	AT 263	25 05 61			SHELF S OF MARTHAS VN	23	1	02	40 20.5	70 47.0	97	1
100	E002	AT 277	23 05 62			SLOPE S OF NEW ENGLND	24	1	02	39 54.5	70 35.0	487	1
100	E003	AT 263	25 05 61			SLOPE S OF NEW ENGLND	24	1	02	39 50.5	70 35.0	824	1
100	E004	AT 263	24 05 61	1720	4	SLOPE S OF NEW ENGLND	24	1	02	39 47.0	70 45.0	1500	1
100	E005	AT 263	24 05 61			SLOPE S OF NEW ENGLND	24	1	02	39 42.0	70 39.0	2086	1
100	E006	AT 273				RISE S OF NEW ENGLAND	29	1	02	37 25.0	70 35.0	2500	1
100	E007	AT 263	21 05 61			RISE S OF NEW ENGLAND	29	1	02	38 47.0	70 08.0	2873	1
100	E008	AT 263	22 05 61			RISE S OF NEW ENGLAND	29	1	02	38 05.0	69 36.0	3752	1
100	E009	AT 273				RISE S OF NEW ENGLAND	30	1	02	39 21.0	68 40.0	4540	1
100	E010	AT 273		2145		NW OF BERMUDA			02	35 35.0	67 25.0	4977	1
100	E011	AT 273		1430		N OF BERMUDA			02	34 45.0	66 30.0	5001	1
100	E012	AT 277				NW OF BERMUDA			02	33 56.0	65 51.0	4950	1
100	E013	AT 277				N OF BERMUDA			02	33 07.0	65 02.0	4667	1
100	E014	AT 283	28 08 62	1200	4	SLOPE S OF NEW ENGLND	24	1	02	40 02.0	70 42.0	200	1
100	E015	AT 283	28 08 62	0830	4	SLOPE S OF NEW ENGLND	24	1	02	39 58.0	70 40.0	300	1
100	E016	AT 283	30 08 62	1130	4	SLOPE S OF NEW ENGLND	24	1	02	39 57.0	70 40.0	400	1
100	E017	AT 298	04 09 63			SHELF S OF NEW ENGLND	23	1	02	40 27.0	70 47.5	75	1
100	E018	AT 298	07 09 63			SLOPE SE OF N.J.	28	2	02	38 34.0	72 55.0	1925	1
100	E019	AT 298	08 09 63			SHELF S OF NEW ENGLND	23	1	02	40 52.0	70 51.0	50	1
100	H001		02 09 64			MAINE,PENOBSCOT R		1	01	44 57.0	68 38.2		
100	H002		02 09 64			MAINE,PENOBSCOT R		1	01	44 57.0	68 38.2		
100	H003		02 09 64			MAINE,PENOBSCOT R		1	01	44 57.0	68 38.2		
100	H004		02 09 64			MAINE,PENOBSCOT R		1	01	44 56.0	68 37.9		
100	H005		02 09 64			MAINE,PENOBSCOT R		1	01	44 56.0	68 37.9		
100	H006		02 09 64			MAINE,PENOBSCOT R		1	01	44 56.0	68 37.9		
100	H007		02 09 64			MAINE,PENOBSCOT R		1	01	44 57.6	68 40.9		
100	H008		02 09 64			MAINE,PENOBSCOT R		1	01	44 54.1	68 41.0		
100	H009		02 09 64			MAINE,SOUTH CENTRAL		1	01	44 50.8	68 13.9		
100	H010		02 09 64			MAINE,SOUTH CENTRAL		1	01	45 06.0	67 37.9		
100	H011		02 09 64			MAINE,ST CROIX R		1	01	45 07.5	67 20.6		
100	H012		02 09 64			MAINE,ST CROIX R		1	01	45 07.5	67 20.6		
100	H013		03 09 64			MAINE,MACHIAS R		1	01	44 42.6	67 25.6		
100	H014		03 09 64			MAINE,NARRAUGUS R		1	01	44 39.3	67 43.9		
100	H015		03 09 64			MAINE,GRAHAM LAKE		1	01	44 36.1	68 27.4		
100	H016		03 09 64			MAINE,PENOBSCOT R		1	01	44 48.3	68 46.1		
100	H017		03 09 64			MAINE,KENNEBEC R		1	01	44 31.1	69 40.6		
100	H018		03 09 64			MAINE,KENNEBEC R		1	01	44 31.1	69 40.6		
100	H019		03 09 64			MAINE,ANDROSCOGGIN R		1	01	43 55.6	69 58.9		
100	H020		04 09 64			MAINE,SOUTHWESTERN		1	01	43 20.0	70 34.1		
100	H021		04 09 64			MAINE,SOUTHWESTERN		1	01	43 18.7	70 34.1		
100	H022		04 09 64			MAINE,SOUTHWESTERN		1	01	43 21.4	70 37.8		
100	H023		04 09 64			MAINE,SOUTHWESTERN		1	01	43 22.5	70 40.9		
100	H024		04 09 64			MAINE,SOUTHWESTERN		1	01	43 22.3	70 40.9		
100	H025		04 09 64			MAINE,SOUTHWESTERN		1	01	43 22.3	70 40.9		
100	H026		04 09 64			MAINE,SOUTHWESTERN		1	01	43 22.3	70 40.9		
100	H027		04 09 64			MAINE,SOUTHWESTERN		1	01	43 22.3	70 40.9		
100	H028		11 11 64			N.JERSEY,RARITAN R		1	01	40 33.38	74 38.97		
100	H029		11 11 64			PENN.DELAWARE R.		2	01	40 07.82	74 46.27		
100	H030		11 11 64			MD. SUSQUEHANNA R		2	01	39 38.9	76 09.9		
100	H031		11 11 64			MD. SUSQUEHANNA R		2	01	39 38.9	76 09.9		
100	H032		11 11 64			MD. SUSQUEHANNA R		2	01	39 38.9	76 09.9		
100	H033		12 11 64			VIRGINIA,POTOMAC R.		2	01	39 03.68	77 20.13		
100	H034		13 11 64			VA., RAPPAHANNOCK R.		2	01	38 18.81	77 32.45		
100	H035		13 11 64			VA., RAPPAHANNOCK R.		2	01	38 14.29	77 18.16		
100	H036		13 11 64			VIRGINIA, PAMUNKEY R.		2	01	37 47.4	77 21.3		
100	H037		13 11 64			VIRGINIA, JAMES R.		2	01	37 33.16	77 31.35		
100	H038		13 11 64			VIRGINIA, JAMES R.		2	01	37 24.02	77 23.00		
100	H039		13 11 64			VIRGINIA, JAMES R.		2	01	37 24.02	77 23.00		
100	H040		14 11 64			VIRGINIA,BLACKWATER R		2	01	36 37.4	76 53.5		
100	H041		14 11 64			N.CAROLINA,ROANOKE R.		2	01	36 28.5	77 39.1		
100	H042		14 11 64			N.CAROLINA,ROANOKE R.		2	01	35 51.4	77 02.2		
100	H043		14 11 64			N.CAROLINA,TAR R.		2	01	35 37.1	77 22.9		
100	H044		14 11 64			N.CAROLINA,TAR R.		2	01	35 37.1	77 22.9		

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	H045		14	11	64			N.CAROLINA,NUESE R.	2		01	35 17.9	77 29.8		
100	H046		15	11	64			N.CAROLINA C.FEAR R.	2		01	34 14.0	77 27.8		
100	H047		15	11	64			N.CAROLINA C.FEAR R.	2		01	34 24.26	78 17.70		
100	H048		15	11	64			N.CAROLINA C.FEAR R.	2		01	34 23.82	78 16.07		
100	H049		15	11	64			S.CAROLINA PEE DEE R.	2		01	33 54.17	79 26.16		
100	H050		15	11	64			S.CAROLINA PEE DEE R.	2		01	33 39.68	79 09.22		
100	H051		15	11	64			S.CAROLINA SANTEE R.	2		01	33 18.25	79 40.71		
100	H052		16	11	64			S.CAROLINA SANTEE R.	3		01	33 30.28	80 27.15		
100	H053		16	11	64			GEORGIA,SAVANNAH R.	3		01	32 56.07	81 30.20		
100	H054		16	11	64			GEORGIA,SAVANNAH R.	3		01	32 31.38	81 15.53		
100	H055		16	11	64			GEORGIA,OGEECHEE R.	3		01	32 17.76	81 27.05		
100	H056		16	11	64			GEORGIA,OGEECHEE R.	3		01	31 58.58	81 17.18		
100	H057		17	11	64			GEORGIA,ALTAMAHA R.	3		01	31 40.04	81 50.64		
100	H058		17	11	64			GEORGIA,SATILLA R.	3		01	30 56.69	81 53.84		
100	H059		17	11	64			GEORGIA,SATILLA R.	3		01	30 56.70	81 53.86		
100	H060		17	11	64			FLORIDA,ST.MARYS R.	3		01	30 46.59	81 58.56		
100	H061		17	11	64			FLORIDA,ST JOHNS R.	3		01	29 59.1	81 38.0		
100	H062		17	11	64			FLORIDA,EAST CENTRAL	3		01	27 34.2	80 22.7		
100	H063		10	10	64			CAPE ANN,MASS.	1		01	42 37.0	70 40.0		
100	H064		10	10	64			CAPE ANN,MASS.	1		01	42 37.0	70 37.9		
100	H065		10	10	64			CAPE ANN,MASS.	1		01	42 38.5	70 36.6		
100	H066		10	10	64			CAPE ANN,MASS.	1		01	42 39.9	70 37.7		
100	H077		10	10	64			CAPE ANN,MASS	1		01	42 40.9	70 38.6		
100	H088		10	10	64			ESSEX,MASS.	1		01	42 37.9	70 45.1		
100	H089		10	10	64			IPSWITCH,MASS	1		01	42 40.8	70 45.0		
100	H090		10	10	64			ROWLEY,MASS.	1		01	42 43.6	70 52.5		
100	H091		10	10	64			PLUM ISLAND,MASS	1		01	42 46.6	70 48.2		
100	H092		10	10	64			HAMPTON HARBOR,N.H.	1		01	42 53.3	70 49.1		
100	H093		10	10	64			LITTLE BOARS HEAD,N.H.	1		01	42 56.1	70 48.0		
100	H094		10	10	64			YORK BEACH,MAINE	1		01	43 09.0	70 37.8		
100	H095		10	10	64			YORK BEACH,MAINE	1		01	43 12.5	70 37.2		
100	H096		11	10	64			KENNEBUNK BEACH,MAINE	1		01	43 19.9	70 32.6		
100	H097		11	10	64			OLD ORCHARD BEACH,ME.	1		01	43 30.5	70 22.4		
100	H098		11	10	64			PORTLAND,MAINE	1		01	43 35.7	70 21.3		
100	H099		11	10	64			CAPE ELIZABETH,ME.	1		01	43 34.0	70 12.8		
100	H100		11	10	64			BRUNSWICK,ME.	1		01	43 56.2	69 59.5		
100	H101		11	10	64			BAILEY ISLAND,ME.	1		01	43 43.5	70 00.0		
100	H102		11	10	64			BAILEY ISLAND,ME.	1		01	43 47.0	69 57.3		
100	H103		11	10	64			BATH,MAINE	1		01	43 55.0	69 48.5		
100	H104		11	10	64			NR.BATH,MAINE	1		01	43 56.9	69 46.2		
100	H105		11	10	64			NR.WISCASSET,MAINE	1		01	44 00.3	69 37.1		
100	H106		11	10	64			OCEAN POINT,MAINE	1		01	43 49.4	69 35.7		
100	H107		11	10	64			NEW CASTLE,MAINE	1		01	44 00.4	69 33.0		
100	H108		11	10	64			THOMASTON,MAINE	1		01	44 05.9	69 08.7		
100	H109		11	10	64			SPRUCE HEAD,MAINE	1		01	44 00.7	69 08.0		
100	H110		11	10	64			GLEN COVE,MAINE	1		01	44 07.5	69 05.3		
100	H111		11	10	64			BELFAST BEACH,ME.	1		01	44 24.3	68 58.9		
100	H112		11	10	64			BUCKSPORT,ME.	1		01	44 30.3	68 49.5		
100	H113		11	10	64			TODDY POND,ME.	1		01	44 34.8	68 39.0		
100	H114		12	10	64			MT.DESERT ISLAND,ME.	1		01	44 24.2	68 13.5		
100	H115		12	10	64			CADILLAC MT.,ME.	1		01	44 21.7	68 13.3		
100	H116		12	10	64			ARCADIA POINT,ME.	1		01	44 14.4	68 18.9		
100	H117		12	10	64			MT.DESERT ISLAND,ME.	1		01	44 26.6	68 21.0		
100	H118		12	10	64			NR.SULLIVAN,ME.	1		01	44 31.3	68 08.4		
100	H119		12	10	64			NR.MILLBRIDGE,ME.	1		01	44 30.5	67 52.8		
100	H120		12	10	64			JONESBORO,ME	1		01	44 39.1	67 38.3		
100	H121		12	10	64			E.MACHIAS,ME.	1		01	44 42.9	67 23.2		
100	H122		12	10	64			NR.CUTLER,ME.	1		01	44 40.9	67 13.6		
100	H123		12	10	64			NR.W.LUBEC,ME.	1		01	44 44.7	67 07.9		
100	H124		12	10	64			W.LUBEC,ME.	1		01	44 47.0	67 04.1		
100	H125		12	10	64			WHITING,ME.	1		01	44 48.8	67 07.9		
100	H126		12	10	64			NR.DENNYSVILLE,ME.	1		01	44 53.2	67 11.5		
100	H127		12	10	64			S.ROBINSTON,ME.	1		01	45 03.8	67 06.6		
100	H128		12	10	64			OAK BAY,N.BRUNSWICK	1		01	45 14.3	67 10.5		
100	H129		12	10	64			ST.ANDREWS,N.B.	1		01	45 05.3	67 03.7		
100	H130		12	10	64			ST.ANDREWS,N.B.	1		01	45 05.0	67 02.6		
100	H131		12	10	64			W.END MACES BAY,N.B.	1		01	45 07.8	66 34.7		
100	H132		12	10	64			POINT LEPREAU,N.B.	1		01	45 04.5	66 27.6		
100	H133		12	10	64			MACES COVE,N.B.	1		01	45 06.4	66 28.4		
100	H134		12	10	64			LEPREAU,N.B.	1		01	45 09.9	66 28.4		
100	H135		13	10	64			CHAMCOOK,N.B.	1		01	45 08.0	67 03.8		
100	H136		13	10	64			S.ROBINSTON,ME.	1		01	45 03.8	67 06.6		
100	H137		13	10	64			CALAIS,ME.	1		01	45 10.0	67 12.4		
100	H138		13	10	64			PERRY,ME.	1		01	44 58.7	67 06.0		
100	H139		13	10	64			NR.CHERRYFIELD,ME.	1		01	44 38.1	67 59.9		
100	H140		13	10	64			BANGOR,ME.	1		01	44 49.5	68 44.5		
100	H141		13	10	64			BANGOR,ME.	1		01	44 47.8	68 50.3		
100	H142		14	10	64			WATERVILLE,ME.	1		01	44 33.8	69 39.0		
100	H143		14	10	64			GRAY,ME.	1		01	43 52.9	70 22.1		
100	H144		14	10	64			W.NEWBURY,MASS	1		01	42 48.3	70 59.2		
100	H145		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 22.49	70 37.89		
100	H146		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 23.17	70 35.63		
100	H147 A		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 24.96	70 41.18		
100	H147 B		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 24.96	70 41.18		
100	H147 C		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 24.96	70 41.18		
100	H147 D		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 24.96	70 41.18		
100	H148		09	11	64			MARTHAS VINEYARD,MASS	1		01	41 22.63	70 42.20		
100	H149		11	11	64			NANTUCKET,MASS	1		01	41 15.03	70 09.05		
100	H150		11	11	64			NANTUCKET,MASS.	1		01	41 16.99	69 57.87		
100	H151		06	11	64			WOODSTOCK,N.BRUNSWICK	1		01	46 05.2	67 33.0		

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100	H152		06	11	64			WOODSTOCK,N.BRUNSWICK		1	01	46 05.2	67 33.0		
100	H153		06	11	64			WOODSTOCK,N.BRUNSWICK		1	01	46 05.2	67 33.0		
100	H154		06	11	64			ALMA RIVER DELTA,N.B.			01	45 36.0	64 57.0		
100	H155		15	09	66			GLENHOLM,NOVA SCOTIA			01	45 24.6	63 32.0		
100	H156		15	09	66			SCITUATE,MASS		1	01	42 10.7	70 43.0		
100	H157		15	09	66			GAY HEAD,MASS.		1	01	41 21.1	70 50.1		
100	H158		25	11	66			HUDSON R. ATHENS,N.Y.			01	42 15.2	73 49.4		
100	L001		16	03	64	1140	5	KEY WEST,FLA.	63	3	01	24 33.0	81 46.4		
100	L002		16	03	64	1228	5	SUGARLOAF KEY,FLA.	63	3	01	24 36.5	81 33.5		
100	L003		16	03	64	1525	5	BIG PINE KEY,FLA.	63	3	01	24 38.4	81 20.3		
100	L004		16	03	64	1603	5	PIGEON KEY,FLA.	63	3	01	24 42.3	81 09.3		
100	L005		17	03	64	0933	5	GRASSY KEY,FLA.	63	3	01	24 45.1	80 57.8		
100	L006		17	03	64	1105	5	LOWER MATECUMBE,FLA.	63	3	01	24 51.3	80 43.8		
100	L007		17	03	64	1315	5	PLANTATION KEY,FLA.	63	3	01	24 57.9	80 33.6		
100	L008		17	03	64	1400	5	PORT LARGO,FLA.	63	3	01	25 05.2	80 26.1		
100	L009		17	03	64	1436	5	KEY LARGO,FLA.	63	3	01	25 14.9	80 18.7		
100	L010		17	03	64	1644	5	KEY BISCAYNE,FLA.	63	3	01	25 42.6	80 09.1		
100	L011		17	03	64	1752	5	MIAMI BEACH,FLA.	63	3	01	25 49.5	80 07.3		
100	L012		17	03	64	1835	5	HALLANDALE,FLA.	55	3	01	25 58.5	80 07.1		
100	L013		18	03	64	0820	5	FT.LAUDERDALE,FLA.	55	3	01	26 10.0	80 05.9		
100	L014		18	03	64	1002	5	DEER FIELD BEACH,FLA.	55	3	01	26 18.8	80 04.5		
100	L015		18	03	64	1032	5	BOCA RATON BEACH,FLA.	55	3	01	26 21.0	80 04.2		
100	L016		18	03	64	1143	5	BOYNTON BEACH,FLA.	55	3	01	26 31.2	80 02.9		
100	L017		18	03	64	1229	5	SOUTH PALM BEACH,FLA.	55	3	01	26 38.7	80 02.2		
100	L018		18	03	64	1431	5	JUNO BEACH,FLA.	55	3	01	26 53.3	80 03.5		
100	L019		18	03	64	1609	5	HOBE SOUND,FLA.	55	3	01	27 04.0	80 06.9		
100	L020		18	03	64	1703	5	STUART,FLA.	55	3	01	27 13.7	80 10.9		
100	L021		18	03	64	1811	5	INDIAN RIVER,FLA.	55	3	01	27 24.3	80 16.0		
100	L022		19	03	64	0831	5	FORT PIERCE,FLA.	55	3	01	27 32.7	80 19.1		
100	L023		19	03	64	1037	5	VERO BEACH,FLA.	55	3	01	27 43.5	80 22.7		
100	L024		19	03	64	1152	5	SEBASTIAN ,FLA.	55	3	01	27 55.1	80 28.9		
100	L025		19	03	64	1233	5	MELBOURNE,FLA.	55	3	01	28 03.7	80 33.2		
100	L026		19	03	64	1520	5	EAU GALLIE,FLA.	55	3	01	28 11.9	80 35.6		
100	L027		19	03	64	1708	5	CANAVERAL,FLA.	55	3	01	28 22.3	80 36.1		
100	L028		19	03	64	1815	5	TITUSVILLE,FLA.	55	3	01	28 36.9	80 36.1		
100	L029		20	03	64	0933	5	MOSQUITO,FLA.	52	3	01	28 51.4	80 46.6		
100	L030		20	03	64	1030	5	NEW SMYRNA,FLA.	52	3	01	29 00.6	80 52.6		
100	L031		20	03	64	1136	5	PORT ORANGE,FLA.	52	3	01	29 09.2	80 58.4		
100	L032		20	03	64	1246	5	DAYTONA,FLA.	52	3	01	29 18.8	81 03.0		
100	L033		20	03	64	1414	5	FLAGLER,FLA.	52	3	01	29 29.2	81 07.8		
100	L034		20	03	64	1458	5	MATANZAS,FLA.	52	3	01	29 38.5	81 12.1		
100	L035		20	03	64	1543	5	ANASTASIA,FLA.	52	3	01	29 50.3	81 16.0		
100	L036		21	03	64	0821	5	SHELLBLUFF,FLA.	52	3	01	30 00.2	81 19.1		
100	L037		21	03	64	0920	5	MICKLER,FLA.	52	3	01	30 10.0	81 21.4		
100	L038		21	03	64	1011	5	ATLANTIC BEACH,FLA.	52	3	01	30 20.5	81 23.8		
100	L039		21	03	64	1228	5	AMELIA ISLAND,FLA.	52	3	01	30 32.1	81 26.3		
100	L040		21	03	64	1427	5	FERNANDINA,FLA.	52	3	01	30 40.0	81 25.8		
100	L041		21	03	64	1647	5	JEKYLL,GA.	52	3	01	31 01.8	81 24.6		
100	L042		21	03	64	1745	5	SEA ISLAND,GA.	51	3	01	31 11.1	81 20.5		
100	L043		21	04	64			SAPELO,GA.	51	3	01	31 23.4	81 15.9		
100	L044		19	05	64	1035	5	ST.CATHERINES,GA.	51	3	01	31 40.6	81 08.1		
100	L045		22	03	64	0913	5	SAVANNAH,GA.	51	3	01	32 00.3	80 50.5		
100	L046		22	03	64	1232	5	HILTON HEAD,S.C.	51	3	01	32 08.3	80 45.4		
100	L047		22	03	64	1512	5	HUNTING ISLAND,S.C.	51	3	01	32 22.4	80 26.1		
100	L048		22	03	64	1731	5	EDISTO ISLAND,S.C.	51	3	01	32 30.0	80 17.9		
100	L049		19	05	64	1705	5	SEABROOK ISLAND,S.C.	44	3	01	32 33.6	80 10.0		
100	L050		23	03	64	0925	5	CHARLESTON,S.C.	44	3	01	32 39.9	79 54.8		
100	L051		23	03	64	1216	5	ISLE OF PALMS,S.C.	44	3	01	32 47.8	79 45.4		
100	L052		20	05	64	1240	5	CAPE ROMAIN,S.C.	44	3	01	33 01.0	79 22.1		
100	L053		20	05	64	1340	5	SANTEE,S.C.	44	2	01	33 07.2	79 16.2		
100	L054		20	05	64	1115	5	GEORGETOWN,S.C.	44	2	01	33 13.5	79 10.7		
100	L055		24	03	64	1245	5	PAWLEYS SOUTH>,S.C.	45	2	01	33 23.9	79 08.3		
100	L056		24	03	64	1020	5	PAWLEYS ISLAND,S.C.	45	2	01	33 24.7	79 07.9		
100	L057		24	03	64	1444	5	FLORAL BEACH,S.C.	45	2	01	33 36.4	78 58.2		
100	L058		24	03	64	1546	5	MYRTLE BEACH,S.C.	45	2	01	33 43.7	78 50.0		
100	L059		24	03	64	1744	5	CRESCENT BEACH,S.C.	45	2	01	33 49.2	78 39.8		
100	L060		24	03	64	1839	5	SEASIDE,N.C.	45	2	01	33 52.1	78 30.2		
100	L061		25	03	64	0835	5	HOLDEN BEACH,N.C.	45	2	01	33 54.5	78 18.9		
100	L062		25	03	64	1005	5	LONG BEACH,N.C.	37	2	01	33 54.4	78 05.9		
100	L063		25	03	64	1408	5	WILMINGTON BEACH,N.C.	37	2	01	34 01.5	77 53.7		
100	L064		25	03	64	1621	5	WRIGHTSVILLE BEACH,NC	37	2	01	34 12.5	77 47.6		
100	L065		25	03	64	1809	5	TOPSAIL SOUTH,N.C.	37	2	01	34 22.6	77 36.9		
100	L066		26	03	64	0910	5	TOPSAIL NORTH,N.C.	37	2	01	34 28.8	77 26.8		
100	L067		26	03	64	1412	5	BOGUE,N.C.	37	2	01	34 40.4	76 57.9		
100	L068		26	03	64	1507	5	MOREHEAD,N.C.	37	2	01	34 41.8	76 46.2		
100	L069		21	05	64	1350	5	CAPE LOOKOUT	37	2	01	34 37.6	76 31.1		
100	L070		21	05	64	1503	5	CORE,N.C.	37	2	01	34 51.5	76 18.4		
100	L071		27	03	64	1323	5	OCRACOKE,N.C.	37	2	01	35 06.2	75 57.6		
100	L072		27	03	64	1421	5	OCRACOKE NORTH,N.C.	37	2	01	35 10.0	75 49.1		
100	L073		27	03	64	1810	5	HATTERAS,N.C.	37	2	01	35 12.9	75 40.2		
100	L074		28	03	64	0836	5	CAPE HATTERAS SOUTH	37	2	01	35 13.3	75 32.9		
100	L075		28	03	64	0907	5	CAPE HATTERAS NORTH	37	2	01	35 14.6	75 31.3		
100	L076		28	03	64	1015	5	KINAKEET,N.C.	37	2	01	35 24.8	75 29.1		
100	L077		28	03	64	1125	5	RODANTHE,N.C.	37	2	01	35 35.7	75 27.7		
100	L078		28	03	64	1217	5	PEA ISLAND,N.C.	37	2	01	35 44.3	75 29.9		
100	L079		28	03	64	1345	5	BODIE,N.C.	37	2	01	35 54.7	75 35.8		
100	L080		28	03	64	1427	5	KITTY HAWK,N.C.	37	2	01	36 04.1	75 41.4		
100	L081		28	03	64	1514	5	CAFFEY INLET,N.C.	37	2	01	36 12.7	75 46.2		
100	L082		28	03	64	1815	5	SAND BRIDGE,VA.	37	2	01	36 43.0	75 55.8		
100	L083		29	03	64	0739	5	VIRGINIA BEACH,VA.	38	2	01	36 53.6	75 59.2		

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CODE	STATION	CRUISE	DATE	TIME		GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
#	#	#	DA MO YR	TIME	ZN								
100	L084		22 05 64	0944	5	CAPE CHARLES,VA.	33	2	01	37 06.8	75 54.4		
100	L085		22 05 64	1128	5	COBB ISLAND,VA.	33	2	01	37 18.0	75 46.4		
100	L086		29 03 64	1344	5	CHINCOTEAGUE,VA.	33	2	01	37 53.3	75 20.3		
100	L087		29 03 64	1608	5	OCEAN CITY,MD.	33	2	01	38 21.6	75 15.8		
100	L088		29 03 64	1649	5	BETHANY BEACH,DEL.	33	2	01	38 31.6	75 03.2		
100	L089		29 03 64	1732	5	REHOBOTH,DEL.	33	2	01	38 40.5	75 04.1		
100	L090		29 04 64	0736	5	WILDWOOD,N.J.	31	2	01	38 57.6	74 50.8		
100	L091		28 04 64	1551	5	TOWN BANK,N.J.	31	2	01	38 59.7	74 57.4		
100	L092		29 04 64	0852	5	AVALON,N.J.	31	2	01	39 04.3	74 44.5		
100	L093		29 04 64	1023	5	OCEAN CITY,N.J.	31	2	01	39 15.4	74 36.1		
100	L094		29 04 64	1128	5	ATLANTIC CITY,N.J.	31	2	01	39 20.7	74 27.5		
100	L095		29 04 64	1421	5	BEACH HAVEN,N.J.	31	2	01	39 32.4	74 15.4		
100	L096		29 04 64	1515	5	SURF CITY,N.J.	31	2	01	39 41.1	74 08.7		
100	L097		29 04 64	1722	5	ISLAND BEACH,N.J.	31	2	01	39 51.2	74 05.1		
100	L098		29 04 64	1803	5	S.MANTOLOKING,N.J.	27	1	01	40 01.3	74 03.2		
100	L099		30 04 64	0733	5	BELMAR,N.J.	27	1	01	40 10.6	74 00.8		
100	L100		30 04 64	0840	5	SANDY HOOK,N.J.	27	1	01	40 25.6	73 58.8		
100	L101		01 05 64	0820	5	ROCKAWAY,N.Y.	25	1	01	40 33.7	73 52.8		
100	L102		01 05 64	0954	5	LONG BEACH,N.Y.	25	1	01	40 35.0	73 38.3		
100	L103		01 05 64	1102	5	GILGO BEACH,N.Y.	25	1	01	40 37.2	73 23.0		
100	L104		22 05 64	1609	5	FIRE ISLAND,N.Y.	25	1	01	40 38.4	73 10.4		
100	L105		01 05 64	1322	5	MASTIC BEACH,N.Y.	25	1	01	40 43.9	72 51.8		
100	L106		01 05 64	1432	5	WESTHAMPTON,N.Y.	25	1	01	40 47.0	72 40.8		
100	L107		01 05 64	1526	5	TIANA,N.Y.	25	1	01	40 49.9	72 30.6		
100	L108		01 05 64	1626	5	MECOX,N.Y.	25	1	01	40 53.8	72 18.7		
100	L109		01 05 64	1711	5	AMAGANSETT,N.Y.	25	1	01	40 58.1	72 07.4		
100	L110		01 05 64	1800	5	MONTAUK,N.Y.	25	1	01	41 02.6	71 53.8		
100	L111		30 03 64	1730	5	WESTERLY,R.I.	22	1	01	41 19.3	71 48.5		
100	L112		31 03 64	0833	5	CHARLESTOWN,R.I.	22	1	01	41 21.6	71 37.5		
100	L113		31 03 64	1125	5	EASTONS BEACH,R.I.	22	1	01	41 29.3	71 17.5		
100	L114		31 03 64	1457	5	HORSENECK,MASS	22	1	01	41 30.4	71 03.5		
100	L115		03 03 64	1415	5	NAUSET,MASS.	20	1	01	41 50.6	69 56.7		
100	L116		03 03 64	1200	5	LECOUNT,MASS.	20	1	01	41 55.4	69 58.4		
100	L117		22 07 64	1630	5	WELLFLEET,MASS.	20	1	01	41 55.6	70 04.4		
100	L118		02 03 64	1645	5	HIGHLAND,MASS.	20	1	01	42 03.0	70 04.4		
100	L119		22 07 64	1330	5	NEW BEACH,MASS.	20	1	01	42 03.0	70 13.4		
100	L120		11 11 64			GREAT POINT,NANTUCKET	19	1	01	41 23.60	70 02.97		
100	L121		11 11 64			SANKATY HEAD,NNTKT	18	1	01	41 16.95	69 57.80		
100	L122		11 11 64			TOM NEVERS HEAD,NNTKT	18	1	01	41 14.60	69 59.25		
100	L123		11 11 64			GREAT MIDRES POND	18	1	01	41 14.75	70 08.00		
100	L124		11 11 64			MADDAKET,NANTUCKET	18	1	01	41 16.40	70 12.92		
100	L125		11 11 64			NANTUCKET CLIFFS	19	1	01	41 17.72	70 06.32		
100	L126		11 10 64			CHAPPAQUIDDICK ISD.	19	1	01	41 22.37	70 27.03		
100	L127		11 10 64			EDGARTOWN BEACH,M.V.	19	1	01	41 24.42	70 32.12		
100	L128		11 10 64			KATAMA,MARTHAS VNYRD	18	1	01	41 20.87	70 31.80		
100	L129		11 10 64			TISBURY GREAT POND	18	1	01	41 20.73	70 39.70		
100	L130		11 10 64			ZACKS CLIFFS,M.V.	23	1	01	41 19.03	70 48.40		
100	L131		30 10 64	1346	5	NANTASKET,MASS.	21	1	01	42 16.6	70 51.9		
100	L132		28 10 64	1008	5	LYNN BEACH,MASS.	21	1	01	42 27.0	70 56.3		
100	L133		28 10 64	1338	5	CAPE ANN,MASS.	21	1	01	42 37.2	70 37.9		
100	L134		28 10 64	1525	5	PLUM ISLAND,MASS.	12	1	01	42 47.5	70 48.4		
100	L135		28 10 64	0844	5	HAMPTON,N.H.	12	1	01	42 56.1	70 47.8		
100	L136		29 10 64	1338	5	MOODY,MAINE	12	1	01	43 16.1	70 35.2		
100	L137		30 10 64	0843	5	GOOSEROCKS,MAINE	12	1	01	43 23.5	70 25.5		
100	L138		29 10 64	1544	5	OLD ORCHARD,MAINE	12	1	01	43 31.5	70 21.9		
100	L139		23 10 64	0830	5	HUNNEWELL BEACH,MAINE	11	1	01	43 44.4	69 47.4		
100	L140		21 10 64	1028	5	GREAT HEAD,MAINE	4	1	01	44 19.7	68 10.9		
100	L141		20 10 64	1425	5	ROQUE BLUFFS,MAINE	4	1	01	44 36.6	67 29.2		
100	L142		20 10 64	0751	5	BOOTCOVE,MAINE	4	1	01	44 46.3	67 01.5		
100	L143		23 01 67	0820	5	PLYMOUTH,MASS	20	1	01	41 58.26	70 38.76		
100	L144		23 01 67	0930	5	BARNSTABLE,MASS	20	1	01	41 44.55	70 19.59		
100	L145		23 01 67	1000	5	ORLEANS,MASS	20	1	01	41 47.70	70 01.02		
100	L146		23 01 67	1415	5	MONOMOY ISLAND MASS.	18	1	01	41 34.83	69 59.20		
100	L147		23 01 67	1420	5	MONOMOY ISLAND MASS.	19	1	01	41 36.70	69 58.87		
100	L148		23 01 67	1500	5	WEST YARMOUTH,MASS.	19	1	01	41 37.75	70 14.73		
100	L149		24 01 67	0945	5	NAUSHON ISLAND,MASS.	19	1	01	41 29.40	70 45.34		
100	L150		24 01 67	1115	5	POPONESSET,MASS.	19	1	01	41 33.86	70 28.19		
100	L151		24 01 67	1420	5	HUMMAROCK,MASS.	21	1	01	42 09.31	70 42.11		
100	L152		29 01 67			SAGAMORE BEACH,MASS.	20	1	01	41 47.91	70 31.60		
100	M001A	DEL 10	20 06 61	1845	4	WESTERN GULF OF MAINE	13	1	02	42 49.0	70 30.0	125	1
100	M002B	DEL 10	20 06 61	2030	4	WESTERN GULF OF MAINE	13	1	02	42 49.0	70 11.0	68	1
100	M003A	DEL 10	20 06 61	2300	4	WESTERN GULF OF MAINE	13	1	02	42 50.0	70 00.0	212	1
100	M005A	DEL 10	21 06 61	0600	4	WESTERN GULF OF MAINE	13	1	02	42 50.0	69 30.0	199	1
100	M006A	DEL 10	21 06 61	0855	4	WESTERN GULF OF MAINE	13	1	02	42 50.0	69 15.0	167	1
100	M007A	DEL 10	21 06 61	1115	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	69 00.0	189	1
100	M008A	DEL 10	21 06 61	1326	4	CENTRAL GULF OF MAINE	10	1	02	42 49.0	68 45.0	240	1
100	M009A	DEL 10	21 06 61	1540	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	68 31.0	221	1
100	M010A	DEL 10	21 06 61	1745	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	68 15.0	221	1
100	M011A	DEL 10	21 06 61	2000	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	68 00.0	221	1
100	M012A	DEL 10	21 06 61	2130	4	GEORGES BASIN AREA	9	1	02	42 50.0	67 45.0	243	1
100	M013A	DEL 10	21 06 61	2320	4	GEORGES BASIN AREA	9	1	02	42 50.0	67 30.0	277	1
100	M014B	DEL 10	22 06 61	0120	4	GEORGES BASIN AREA	9	1	02	42 50.0	67 15.0	305	1
100	M016A	DEL 10	22 06 61	0600	4	GEORGES BASIN AREA	9	1	02	42 50.0	66 45.0	255	1
100	M017A	DEL 10	22 06 61	0840	4	SOUTH OF NOVA SCOTIA	2	1	02	43 00.0	66 30.0	167	1
100	M019A	DEL 10	22 06 61	1245	4	GEORGES BASIN AREA	9	1	02	43 01.0	67 01.0	225	1
100	M019B	DEL 10	22 06 61	1315	4	GEORGES BASIN AREA	9	1	02	43 01.0	67 05.0	225	1
100	M020A	DEL 10	22 06 61	1420	4	GEORGES BASIN AREA	9	1	02	43 01.0	67 15.0	277	1
100	M021B	DEL 10	22 06 61	1625	4	GEORGES BASIN AREA	9	1	02	43 01.0	67 34.0	240	1
100	M022A	DEL 10	22 06 61	1800	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	67 45.0	225	1
100	M023A	DEL 10	22 06 61	1950	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 00.0	218	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	M024A	DEL 10	22	06	61	2130	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 15.0	221	1
100	M024B	DEL 10	22	06	61	2220	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 19.0	221	1
100	M025A	DEL 10	22	06	61	2320	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 30.0	203	1
100	M026A	DEL 10	23	06	61	0100	4	CENTRAL GULF OF MAINE	10	1	02	43 01.0	68 45.0	221	1
100	M027A	DEL 10	23	06	61	0320	4	CENTRAL GULF OF MAINE	10	1	02	43 01.0	68 59.0	185	1
100	M028A	DEL 10	23	06	61	0500	4	CENTRAL GULF OF MAINE	10	1	02	43 01.0	69 16.0	221	1
100	M029A	DEL 10	23	06	61	0725	4	WESTERN GULF OF MAINE	13	1	02	43 00.0	69 30.0	167	1
100	M030A	DEL 10	23	06	61	0900	4	WESTERN GULF OF MAINE	13	1	02	43 00.0	69 45.0	185	1
100	M031A	DEL 10	23	06	61	1040	4	WESTERN GULF OF MAINE	13	1	02	43 00.0	70 00.0	157	1
100	M031B	DEL 10	23	06	61	1120	4	WESTERN GULF OF MAINE	13	1	02	43 00.0	70 05.0	157	1
100	M032A	DEL 10	23	06	61	1210	4	WESTERN GULF OF MAINE	13	1	02	43 00.0	70 15.0	203	1
100	M033A	DEL 10	23	06	61	1405	4	WESTERN GULF OF MAINE	13	1	02	43 10.0	70 15.0	147	1
100	M034B	DEL 10	23	06	61	1540	4	WESTERN GULF OF MAINE	13	1	02	43 09.0	69 55.0	138	1
100	M035A	DEL 10	23	06	61	1735	4	WESTERN GULF OF MAINE	13	1	02	43 09.0	69 46.0	192	1
100	M036A	DEL 10	23	06	61	1910	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	69 30.0	147	1
100	M037A	DEL 10	23	06	61	2100	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	69 15.0	221	1
100	M038A	DEL 10	23	06	61	2230	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	69 00.0	176	1
100	M039A	DEL 10	24	06	61	0020	4	CENTRAL GULF OF MAINE	10	1	02	43 11.0	68 45.0	203	1
100	M040A	DEL 10	24	06	61	0205	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	68 30.0	231	1
100	M041A	DEL 10	24	06	61	0405	4	CENTRAL GULF OF MAINE	10	1	02	43 11.0	68 15.0	212	1
100	M042A	DEL 10	24	06	61	0535	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	68 00.0	236	1
100	M043A	DEL 10	24	06	61	0745	4	CENTRAL GULF OF MAINE	5	1	02	43 10.0	67 45.0	225	1
100	M044A	DEL 10	24	06	61	0945	4	CENTRAL GULF OF MAINE	5	1	02	43 10.0	67 30.0	221	1
100	M045A	DEL 10	24	06	61	1130	4	CENTRAL GULF OF MAINE	5	1	02	43 10.0	67 15.0	249	1
100	M046A	DEL 10	24	06	61	1300	4	CENTRAL GULF OF MAINE	5	1	02	43 10.0	67 00.0	212	1
100	M047A	DEL 10	24	06	61	1500	4	NORTH GULF OF MAINE	5	1	02	43 10.0	66 45.0	167	1
100	M048A	DEL 10	24	06	61	1625	4	SOUTH OF NOVA SCOTIA	2	1	02	43 11.0	66 31.0	102	1
100	M049A	DEL 10	24	06	61	1815	4	SOUTH OF NOVA SCOTIA	2	1	02	43 20.0	66 30.0	102	1
100	M050A	DEL 10	24	06	61	1935	4	NORTH GULF OF MAINE	5	1	02	43 20.0	66 45.0	157	1
100	M051C	DEL 10	24	06	61	2125	4	NORTH GULF OF MAINE	5	1	02	43 19.0	67 11.0	277	1
100	M052B	DEL 10	24	06	61	2300	4	NORTH GULF OF MAINE	5	1	02	43 20.0	67 20.0	277	1
100	M053A	DEL 10	25	06	61	0105	4	NORTH GULF OF MAINE	5	1	02	43 20.0	67 30.0	231	1
100	M054A	DEL 10	25	06	61	0235	4	NORTH GULF OF MAINE	5	1	02	43 19.0	67 45.0	259	1
100	M055A	DEL 10	25	06	61	0440	4	NORTH GULF OF MAINE	5	1	02	43 20.0	68 01.0	249	1
100	M056A	DEL 10	25	06	61	0630	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	68 15.0	231	1
100	M057A	DEL 10	25	06	61	0840	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	68 30.0	221	1
100	M058A	DEL 10	25	06	61	1030	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	68 45.0	120	1
100	M059A	DEL 10	25	06	61	1205	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	69 01.0	185	1
100	M060A	DEL 10	25	06	61	1325	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	69 15.0	185	1
100	M061A	DEL 10	25	06	61	1510	4	CENTRAL GULF OF MAINE	10	1	02	43 21.0	69 31.0	194	1
100	M062A	DEL 10	25	06	61	1640	4	CENTRAL GULF OF MAINE	10	1	02	43 21.0	69 46.0	192	1
100	M063A	DEL 10	25	06	61	1845	4	WESTERN GULF OF MAINE	13	1	02	43 20.0	70 00.0	176	1
100	M064A	DEL 10	25	06	61	2025	4	CENTRAL GULF OF MAINE	10	1	02	43 30.0	69 45.0	147	1
100	M065A	DEL 10	25	06	61	2220	4	CENTRAL GULF OF MAINE	10	1	02	43 30.0	69 30.0	147	1
100	M066A	DEL 10	25	06	61	2345	4	CENTRAL GULF OF MAINE	10	1	02	43 30.0	69 15.0	167	1
100	M067A	DEL 10	26	06	61	0125	4	CENTRAL GULF OF MAINE	10	1	02	43 29.0	69 00.0	157	1
100	M068A	DEL 10	26	06	61	0245	4	CENTRAL GULF OF MAINE	10	1	02	43 30.0	68 45.0	111	1
100	M069A	DEL 10	26	06	61	0445	4	CENTRAL GULF OF MAINE	10	1	02	43 29.0	68 30.0	203	1
100	M070A	DEL 10	26	06	61	0620	4	CENTRAL GULF OF MAINE	10	1	02	43 30.0	68 15.0	176	1
100	M071A	DEL 10	26	06	61	0810	4	NORTH GULF OF MAINE	5	1	02	43 30.0	68 00.0	240	1
100	M072A	DEL 10	26	06	61	1000	4	NORTH GULF OF MAINE	5	1	02	43 30.0	67 45.0	259	1
100	M073A	DEL 10	26	06	61	1210	4	NORTH GULF OF MAINE	5	1	02	43 30.0	67 31.0	240	1
100	M074A	DEL 10	26	06	61	1325	4	NORTH GULF OF MAINE	5	1	02	43 30.0	67 15.0	240	1
100	M075A	DEL 10	26	06	61	1520	4	NORTH GULF OF MAINE	5	1	02	43 30.0	67 00.0	231	1
100	M076A	DEL 10	26	06	61	1645	4	NORTH GULF OF MAINE	5	1	02	43 30.0	66 46.0	157	1
100	M077A	DEL 10	26	06	61	1835	4	SOUTH OF NOVA SCOTIA	2	1	02	43 30.0	66 30.0	111	1
100	M078A	DEL 10	26	06	61	1940	4	SOUTH OF NOVA SCOTIA	2	1	02	43 40.0	66 30.0	98	1
100	M079A	DEL 10	26	06	61	2130	4	NORTH GULF OF MAINE	5	1	02	43 40.0	66 45.0	114	1
100	M080B	DEL 10	26	06	61	2300	4	NORTH GULF OF MAINE	5	1	02	43 40.0	67 04.0	203	1
100	M081A	DEL 10	27	06	61	0145	4	NORTH GULF OF MAINE	5	1	02	43 40.0	67 10.0	203	1
100	M082A	DEL 10	27	06	61	0310	4	NORTH GULF OF MAINE	5	1	02	43 40.0	67 30.0	231	1
100	M083A	DEL 10	27	06	61	0455	4	NORTH GULF OF MAINE	5	1	02	43 41.0	67 46.0	240	1
100	M084A	DEL 10	27	06	61	0640	4	NORTH GULF OF MAINE	5	1	02	43 40.0	68 00.0	247	1
100	M085A	DEL 10	27	06	61	0920	4	NORTH GULF OF MAINE	5	1	02	43 40.0	68 15.0	212	1
100	M086A	DEL 10	27	06	61	1115	4	CENTRAL GULF OF MAINE	10	1	02	43 40.0	68 30.0	185	1
100	M087A	DEL 10	27	06	61	1310	4	CENTRAL GULF OF MAINE	10	1	02	43 40.0	68 46.0	170	1
100	M088A	DEL 10	27	06	61	1425	4	CENTRAL GULF OF MAINE	10	1	02	43 40.0	68 59.0	114	1
100	M089A	DEL 10	27	06	61	1750	4	CENTRAL GULF OF MAINE	10	1	02	43 50.0	68 31.0	138	1
100	M090A	DEL 10	27	06	61	2000	4	NORTH GULF OF MAINE	5	1	02	43 50.0	68 15.0	179	1
100	M091A	DEL 10	27	06	61	2130	4	NORTH GULF OF MAINE	5	1	02	43 50.0	68 00.0	212	1
100	M092A	DEL 10	27	06	61	2330	4	NORTH GULF OF MAINE	5	1	02	43 50.0	67 45.0	259	1
100	M093A	DEL 10	28	06	61	0050	4	NORTH GULF OF MAINE	5	1	02	43 50.0	67 30.0	216	1
100	M094A	DEL 10	28	06	61	0245	4	NORTH GULF OF MAINE	5	1	02	43 50.0	67 15.0	225	1
100	M095A	DEL 10	28	06	61	0405	4	NORTH GULF OF MAINE	5	1	02	43 50.0	67 00.0	185	1
100	M096A	DEL 10	28	06	61	0620	4	NORTH GULF OF MAINE	5	1	02	43 50.0	66 45.0	144	1
100	M097A	DEL 10	28	06	61	0800	4	SOUTH OF NOVA SCOTIA	2	1	02	44 00.0	66 30.0	129	1
100	M098A	DEL 10	28	06	61	1000	4	NORTH GULF OF MAINE	5	1	02	44 00.0	66 45.0	138	1
100	M099A	DEL 10	28	06	61	1130	4	NORTH GULF OF MAINE	5	1	02	44 00.0	67 00.0	184	1
100	M099C	DEL 10	28	06	61	1250	4	NORTH GULF OF MAINE	5	1	02	44 00.0	67 10.0	159	1
100	M100B	DEL 10	28	06	61	1320	4	NORTH GULF OF MAINE	5	1	02	44 00.0	67 21.0	159	1
100	M101A	DEL 10	28	06	61	1453	4	NORTH GULF OF MAINE	5	1	02	44 00.0	67 30.0	243	1
100	M102A	DEL 10	28	06	61	1650	4	NORTH GULF OF MAINE	5	1	02	44 00.0	67 45.0	181	1
100	M103A	DEL 10	28	06	61	1825	4	NORTH GULF OF MAINE	5	1	02	44 00.0	68 00.0	176	1
100	M104A	DEL 10	28	06	61	2000	4	NORTH GULF OF MAINE	5	1	02	44 00.0	68 15.0	111	1
100	M105A	DEL 10	28	06	61	2150	4	NORTH GULF OF MAINE	5	1	02	43 50.0	68 15.0	194	1
100	M106A	DEL 10	28	06	61	2330	4	NORTH GULF OF MAINE	5	1	02	43 40.0	68 15.0	231	1
100	M107A	DEL 10	29	06	61	0125	4	CENTRAL GULF OF MAINE	10	1	02	43 28.0	68 16.0	185	1
100	M108A	DEL 10	29	06	61	0255	4	CENTRAL GULF OF MAINE	10	1	02	43 20.0	68 17.0	218	1
100	M109A	DEL 10	29	06	61	0420	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	68 17.0	236	1
100	M110A	DEL 10	29	06	61	0600	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 15.0	212	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	M111A	DEL 10	29	06	61	0820	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	68 15.0	221	1
100	M112A	DEL 10	29	06	61	1040	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 30.0	207	1
100	M113A	DEL 10	29	06	61	1250	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	68 45.0	243	1
100	M114A	DEL 10	29	06	61	1555	4	CENTRAL GULF OF MAINE	10	1	02	43 09.0	69 00.0	189	1
100	M115A	DEL 10	29	06	61	1725	4	CENTRAL GULF OF MAINE	10	1	02	43 00.0	68 59.0	136	1
100	M116A	DEL 10	29	06	61	1900	4	CENTRAL GULF OF MAINE	10	1	02	42 50.0	69 00.0	185	1
100	M117A	DEL 10	29	06	61	2230	4	CENTRAL GULF OF MAINE	10	1	02	43 10.0	69 15.0	221	1
100	M118A	DEL 10	30	06	61	0100	4	WEST GULF OF MAINE	13	1	02	43 01.0	69 31.0	170	1
100	M119A	DEL 10	30	06	61	0300	4	WEST GULF OF MAINE	13	1	02	43 10.0	69 46.0	181	1
100	M120A	DEL 10	30	06	61	0500	4	WEST GULF OF MAINE	13	1	02	43 00.0	69 59.0	183	1
100	M121A	DEL 10	30	06	61	0630	4	WEST GULF OF MAINE	13	1	02	42 50.0	70 00.0	209	1
100	N002A	DEL 7	13	06	62	1100	4	NANTUCKET SHOALS	18	1	02	40 48.0	69 32.0	49	1
100	N003A	DEL 7	13	06	62	1350	4	NANTUCKET SHOALS	18	1	02	40 36.0	69 31.0	57	1
100	N004A	DEL 7	13	06	62	1540	4	NANTUCKET SHOALS	18	1	02	40 28.0	69 31.0	66	1
100	N005A	DEL 7	13	06	62	1940	4	SHELF S OF CAPE COD	23	1	02	40 17.0	69 31.0	85	1
100	N006A	DEL 7	13	06	62	2220	4	SHELF S OF CAPE COD	23	1	02	40 06.0	69 30.0	103	1
100	N007A	DEL 7	14	06	62	0050	4	SHELF S OF CAPE COD	23	1	02	39 58.0	69 30.0	147	1
100	N008A	DEL 7	14	06	62	0425	4	SLOPE S OF CAPE COD	24	1	02	39 56.0	69 35.0	229	1
100	N009A	DEL 7	14	06	62	1000	4	SHELF S OF CAPE COD	23	1	02	39 59.0	69 45.0	147	1
100	N010A	DEL 7	14	06	62	1147	4	SHELF S OF CAPE COD	23	1	02	40 03.0	69 45.0	127	1
100	N011A	DEL 7	14	06	62	1427	4	SHELF S OF CAPE COD	23	1	02	40 13.0	69 46.0	91	1
100	N012A	DEL 7	14	06	62	1647	4	SHELF S OF CAPE COD	23	1	02	40 24.0	69 45.0	73	1
100	N013A	DEL 7	14	06	62	1850	4	NANTUCKET SHOALS	18	1	02	40 33.0	69 45.0	69	1
100	N014A	DEL 7	14	06	62	2100	4	NANTUCKET SHOALS	18	1	02	40 43.0	69 45.0	47	1
100	N015A	DEL 7	14	06	62	2305	4	NANTUCKET SHOALS	18	1	02	40 49.0	69 50.0	37	1
100	N016A	DEL 7	15	06	62	0107	4	NANTUCKET SHOALS	18	1	02	40 43.0	70 00.0	42	1
100	N017A	DEL 7	15	06	62	0255	4	SHELF S OF CAPE COD	23	1	02	40 37.0	70 00.0	59	1
100	N018A	DEL 7	15	06	62	0512	4	SHELF S OF CAPE COD	23	1	02	40 27.0	70 00.0	80	1
100	N019A	DEL 7	15	06	62	0720	4	SHELF S OF CAPE COD	23	1	02	40 17.0	70 00.0	96	1
100	N020A	DEL 7	15	06	62	0935	4	SHELF S OF CAPE COD	23	1	02	40 06.0	70 00.0	136	1
100	N021A	DEL 7	15	06	62	1200	4	SHELF S OF CAPE COD	23	1	02	40 00.0	70 05.0	170	1
100	N022A	DEL 7	15	06	62	1441	4	SHELF S OF CAPE COD	23	1	02	40 07.0	70 14.0	136	1
100	N023A	DEL 7	15	06	62	1630	4	SHELF S OF CAPE COD	23	1	02	40 13.0	70 16.0	107	1
100	N024A	DEL 7	15	06	62	1830	4	SHELF S OF CAPE COD	23	1	02	40 23.0	70 15.0	85	1
100	N025A	DEL 7	15	06	62	2035	4	SHELF S OF CAPE COD	23	1	02	40 33.0	70 15.0	60	1
100	N026A	DEL 7	15	06	62	2238	4	SHELF S OF CAPE COD	23	1	02	40 43.0	70 15.0	47	1
100	N027A	DEL 7	16	06	62	0045	4	NANTUCKET SHOALS	18	1	02	40 53.0	70 15.0	38	1
100	N028A	DEL 7	16	06	62	0255	4	NANTUCKET SHOALS	18	1	02	41 04.0	70 16.0	33	1
100	N029A	DEL 7	16	06	62	0508	4	NANTUCKET SHOALS	18	1	02	41 10.0	70 20.0	35	1
100	N030A	DEL 7	16	06	62	0710	4	NANTUCKET SHOALS	18	1	02	41 08.0	70 30.0	46	1
100	N031A	DEL 7	16	06	62	0910	4	SHELF S OF CAPE COD	23	1	02	40 57.0	70 30.0	49	1
100	N032A	DEL 7	16	06	62	1135	4	SHELF S OF CAPE COD	23	1	02	40 47.0	70 30.0	59	1
100	N033A	DEL 7	16	06	62	1352	4	SHELF S OF CAPE COD	23	1	02	40 38.0	70 30.0	66	1
100	N034A	DEL 7	16	06	62	1620	4	SHELF S OF CAPE COD	23	1	02	40 27.0	70 30.0	82	1
100	N035A	DEL 7	16	06	62	1845	4	SHELF S OF CAPE COD	23	1	02	40 16.0	70 30.0	116	1
100	N036A	DEL 7	16	06	62	2115	4	SHELF S OF CAPE COD	23	1	02	40 07.0	70 30.0	129	1
100	N037A	DEL 7	16	06	62	2320	4	SHELF S OF CAPE COD	23	1	02	40 04.0	70 36.0	151	1
100	N038A	DEL 7	17	06	62	0220	4	SHELF S OF CAPE COD	23	1	02	40 07.0	70 45.0	138	1
100	N039A	DEL 7	17	06	62	0430	4	SHELF S OF CAPE COD	23	1	02	40 13.0	70 44.0	189	1
100	N040A	DEL 7	17	06	62	0705	4	SHELF S OF CAPE COD	23	1	02	40 23.0	70 45.0	92	1
100	N041A	DEL 7	17	06	62	0955	4	SHELF S OF CAPE COD	23	1	02	40 34.0	70 45.0	73	1
100	N042A	DEL 7	17	06	62	1255	4	SHELF S OF CAPE COD	23	1	02	40 43.0	70 45.0	60	1
100	N043A	DEL 7	17	06	62	1535	4	SHELF S OF CAPE COD	23	1	02	40 54.0	70 45.0	53	1
100	N044A	DEL 7	17	06	62	1742	4	SHELF S OF CAPE COD	23	1	02	41 04.0	70 45.0	46	1
100	N045A	DEL 7	17	06	62	1945	4	SHELF S OF CAPE COD	23	1	02	41 16.0	70 50.0	33	1
100	N046A	DEL 7	17	06	62	2225	4	SHELF S OF CAPE COD	23	1	02	41 08.0	71 00.0	46	1
100	N047A	DEL 7	18	06	62	0116	4	SHELF S OF CAPE COD	23	1	02	40 57.0	71 00.0	59	1
100	N048A	DEL 7	18	06	62	0413	4	SHELF S OF CAPE COD	23	1	02	40 46.0	71 00.0	60	1
100	N049A	DEL 7	18	06	62	0650	4	SHELF S OF CAPE COD	23	1	02	40 37.0	71 00.0	73	1
100	N050A	DEL 7	18	06	62	0900	4	SHELF S OF CAPE COD	23	1	02	40 27.0	71 00.0	89	1
100	N051A	DEL 7	18	06	62	1100	4	SHELF S OF CAPE COD	23	1	02	40 17.0	71 00.0	120	1
100	N052A	DEL 7	18	06	62	1343	4	SHELF S OF CAPE COD	23	1	02	40 07.0	71 01.0	165	1
100	N053A	DEL 7	18	06	62	1547	4	SLOPE S OF CAPE COD	24	1	02	40 03.0	71 01.0	190	1
100	N054A	DEL 7	18	06	62	2010	4	SLOPE S OF CAPE COD	24	1	02	39 57.0	71 00.0	459	1
100	N055A	DEL 7	19	06	62	0045	4	SLOPE S OF CAPE COD	24	1	02	39 57.0	71 04.0	448	1
100	N056A	DEL 7	19	06	62	0425	4	SHELF S OF CAPE COD	23	1	02	40 07.0	71 16.0	133	1
100	N057A	DEL 7	19	06	62	0640	4	SHELF S OF CAPE COD	23	1	02	40 14.0	71 16.0	98	1
100	N058A	DEL 7	19	06	62	0845	4	SHELF S OF CAPE COD	23	1	02	40 24.0	71 15.0	85	1
100	N059A	DEL 7	19	06	62	1040	4	SHELF S OF CAPE COD	23	1	02	40 34.0	71 15.0	69	1
100	N060A	DEL 7	19	06	62	1230	4	SHELF S OF CAPE COD	23	1	02	40 43.0	71 15.0	62	1
100	N061	DEL 7	19	06	62	1317	4	SHELF S OF CAPE COD	23	1	02	40 50.0	71 15.0	62	1
100	N062	DEL 7	19	06	62	1535	4	SHELF S OF CAPE COD	23	1	02	41 01.0	71 16.0	47	1
100	N063	DEL 7	19	06	62	1740	4	SHELF S OF CAPE COD	23	1	02	41 10.0	71 15.0	38	1
100	N064A	DEL 7	19	06	62	2240	4	SHELF S OF CAPE COD	23	1	02	40 57.0	71 30.0	57	1
100	N065A	DEL 7	20	06	62	0045	4	SHELF S OF CAPE COD	23	1	02	40 47.0	71 30.0	62	1
100	N066A	DEL 7	20	06	62	0217	4	SHELF S OF CAPE COD	23	1	02	40 46.0	71 16.0	60	1
100	N067A	DEL 7	20	06	62	0410	4	SHELF S OF CAPE COD	23	1	02	40 55.0	71 08.0	55	1
100	N103	DEL 7	11	06	62	1503	4	SOUTH GULF OF MAINE	13	1	02	41 36.0	69 37.0	62	1
100	N106	DEL 7	11	06	62	1613	4	SOUTH GULF OF MAINE	13	1	02	41 39.0	69 27.0	129	1
100	N110	DEL 7	11	06	62	1750	4	SOUTH GULF OF MAINE	13	1	02	41 51.0	69 19.0	207	1
100	N128	DEL 7	12	06	62	0635	4	GEORGES BANK	14	1	02	41 27.0	67 48.0	40	1
100	N130	DEL 7	12	06	62	0735	4	GEORGES BANK	14	1	02	41 23.0	67 38.0	46	1
100	N133	DEL 7	12	06	62	0940	4	GEORGES BANK	14	1	02	41 15.0	67 46.0	49	1
100	N140	DEL 7	12	06	62	1247	4	GEORGES BANK	14	1	02	40 55.0	68 01.0	51	1
100	N145	DEL 7	12	06	62	1502	4	GEORGES BANK	14	1	02	40 40.0	68 13.0	85	1
100	N148	DEL 7	12	06	62	1900	4	GEORGES BANK	14	1	02	40 30.0	68 11.0	170	1
100	N151	DEL 7	12	06	62	2130	4	GEORGES BANK	14	1	02	40 39.0	68 29.0	73	1
100	N153	DEL 7	12	06	62	2235	4	GEORGES BANK	14	1	02	40 41.0	68 38.0	64	1
100	N164	DEL 7	13	06	62	0417	4	NANTUCKET SHOALS	18	1	02	40 55.0	69 22.0	47	1
100	P001	AT 260	13	10	60	1555	4	SLOPE GRT S CHANNEL	16	1	02	40 07.0	69 03.0	423	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	P002	AT 260	13	10	60	1830	4	SLOPE GRT S CHANNEL	16	1	02	40 07.0	69 03.0	572	1
100	P003	AT 260	13	10	60	1855	4	SLOPE GRT S CHANNEL	16	1	02	40 06.0	69 03.0	337	1
100	P004	AT 260	13	10	60	1920	4	SLOPE GRT S CHANNEL	16	1	02	40 07.0	69 04.0	176	1
100	P005	AT 260	13	10	60	1950	4	SLOPE GRT S CHANNEL	16	1	02	40 06.0	69 05.0	138	1
100	P006	AT 260	13	10	60	2210	4	SHELF S OF CAPE COD	23	1	02	40 08.0	69 25.0	81	1
100	P007	AT 260	13	10	60	2245	4	SHELF S OF CAPE COD	23	1	02	40 05.0	69 23.0	87	1
100	P008	AT 260	13	10	60	2325	4	SHELF S OF CAPE COD	23	1	02	40 02.0	69 24.0	92	1
100	P009	AT 260	13	10	60	2400	4	SHELF S OF CAPE COD	23	1	02	39 59.0	69 23.0	107	1
100	P010	AT 260	14	10	60	0035	4	SHELF S OF CAPE COD	23	1	02	39 57.0	69 22.0	116	1
100	P011	AT 260	14	10	60	0105	4	SLOPE S OF CAPE COD	24	1	02	39 56.0	69 21.0	261	1
100	P012	AT 260	14	10	60	0135	4	SLOPE S OF CAPE COD	24	1	02	39 55.0	69 20.0	605	1
100	P013	AT 260	14	10	60	0310	4	SLOPE S OF CAPE COD	24	1	02	39 53.0	69 20.0	1192	1
100	P014	AT 260	14	10	60	0425	4	SLOPE S OF CAPE COD	24	1	02	39 49.0	69 19.0	1461	1
100	P015	AT 260	14	10	60	0520	4	SLOPE S OF CAPE COD	24	1	02	39 48.0	69 18.0	1572	1
100	P016	AT 260	14	10	60	0645	4	SLOPE S OF CAPE COD	24	1	02	39 45.0	69 17.0	1828	1
100	P017	AT 260	14	10	60	1730	4	CONT RISE S NEW ENG	29	1	02	39 40.0	69 14.0	1939	1
100	P018	AT 260	14	10	60	1945	4	CONT RISE S NEW ENG	29	1	02	39 34.0	69 11.0	2187	1
100	P019	AT 260	14	10	60	2200	4	CONT RISE S NEW ENG	29	1	02	39 28.0	69 11.0	2476	1
100	P020	AT 260	15	10	60	0110	4	CONT RISE S NEW ENG	29	1	02	39 21.0	69 08.0	2628	1
100	P021	AT 260	15	10	60	0700	4	CONT RISE S NEW ENG	29	1	02	38 53.0	68 59.0	3128	1
100	P022	AT 260	15	10	60	1630	4	CONT RISE S NEW ENG	29	1	02	38 23.0	68 46.0	3687	1
100	S002	DEL 9	05	08	59	1330	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	69 47.0	140	1
100	S003	DEL 9	05	08	59	1410	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	69 41.0	192	1
100	S005	DEL 9	05	08	59	1555	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	69 27.0	207	1
100	S007	DEL 9	05	08	59	1708	4	SOUTH GULF OF MAINE	13	1	02	42 01.0	69 15.0	192	1
100	S009	DEL 9	05	08	59	1835	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	69 00.0	136	1
100	S012	DEL 9	05	08	59	2035	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	68 40.0	167	1
100	S014	DEL 9	05	08	59	2150	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	68 26.0	185	1
100	S017	DEL 9	06	08	59	0012	4	GEORGES BANK	14	1	02	41 52.0	68 11.0	232	1
100	S021	DEL 9	06	08	59	0335	4	GEORGES BANK	14	1	02	41 48.0	67 53.0	27	1
100	S024	DEL 9	06	08	59	0540	4	GEORGES BANK	14	1	02	42 00.0	67 49.0	89	1
100	S026	DEL 9	06	08	59	0655	4	GEORGES BASIN AREA	9	1	02	42 10.0	67 48.0	207	1
100	S028	DEL 9	06	08	59	0845	4	GEORGES BASIN AREA	9	1	02	42 21.0	67 49.0	221	1
100	S030	DEL 9	06	08	59	1000	4	GEORGES BASIN AREA	9	1	02	42 31.0	67 48.0	238	1
100	S032	DEL 9	06	08	59	1125	4	GEORGES BASIN AREA	9	1	02	42 31.0	67 35.0	263	1
100	S034	DEL 9	06	08	59	1310	4	GEORGES BASIN AREA	9	1	02	42 31.0	67 21.0	341	1
100	S036	DEL 9	06	08	59	1435	4	GEORGES BASIN AREA	9	1	02	42 31.0	67 07.0	356	1
100	S041	DEL 9	06	08	59	1815	4	GEORGES BASIN AREA	9	1	02	42 31.0	66 33.0	263	1
100	S057	DEL 9	07	08	59	0730	4	BROWNS BANK	6	1	02	42 50.0	66 04.0	69	1
100	S059	DEL 9	07	08	59	0835	4	BROWNS BANK	6	1	02	42 40.0	66 05.0	62	1
100	S061	DEL 9	07	08	59	1035	4	NORTHEAST CHANNEL	8	1	02	42 30.0	66 04.0	218	1
100	S072	DEL 9	07	08	59	2310	4	SE OF NOVA SCOTIA	1	1	02	43 01.0	65 20.0	147	1
100	S074	DEL 9	08	08	59	0057	4	SE OF NOVA SCOTIA	1	1	02	42 51.0	65 18.0	151	1
100	S078	DEL 9	08	08	59	0412	4	BROWNS BANK	6	1	02	42 31.0	65 13.0	107	1
100	S080	DEL 9	08	08	59	0546	4	BROWNS BANK	6	1	02	42 22.0	65 16.0	118	1
100	S083	DEL 9	08	08	59	0745	4	NE CHANNEL	8	1	02	42 11.0	65 30.0	122	1
100	S085	DEL 9	08	08	59	1045	4	BROWNS BANK	6	1	02	42 21.0	65 28.0	111	1
100	S088	DEL 9	08	08	59	1324	4	BROWNS BANK	6	1	02	42 32.0	65 39.0	96	1
100	S094	DEL 9	08	08	59	1845	4	BROWNS BANK	6	1	02	42 48.0	66 13.0	46	1
100	S096	DEL 9	08	08	59	2020	4	SOUTH OF NOVA SCOTIA	2	1	02	42 53.0	66 25.0	147	1
100	S100	DEL 9	08	08	59	2325	4	GEORGES BASIN AREA	9	1	02	42 41.0	66 28.0	147	1
100	S102	DEL 9	09	08	59	0110	4	GEORGES BASIN AREA	9	1	02	42 41.0	66 42.0	176	1
100	S108	DEL 9	09	08	59	0535	4	GEORGES BASIN AREA	9	1	02	42 41.0	67 22.0	203	1
100	S110	DEL 9	09	08	59	0710	4	GEORGES BASIN AREA	9	1	02	42 39.0	68 35.0	218	1
100	S112	DEL 9	09	08	59	0910	4	CENTRAL GULF OF MAINE	10	1	02	42 40.0	68 50.5	189	1
100	S114	DEL 9	09	08	59	1035	4	CENTRAL GULF OF MAINE	10	1	02	42 41.0	68 03.0	190	1
100	S116	DEL 9	09	08	59	1201	4	CENTRAL GULF OF MAINE	10	1	02	42 41.0	68 17.0	199	1
100	S118	DEL 9	09	08	59	1335	4	CENTRAL GULF OF MAINE	10	1	02	42 41.0	68 30.0	199	1
100	S121	DEL 9	09	08	59	1550	4	CENTRAL GULF OF MAINE	10	1	02	42 41.0	68 46.5	161	1
100	S122	DEL 9	09	08	59	1625	4	CENTRAL GULF OF MAINE	10	1	02	42 41.0	68 52.0	156	1
100	S124	DEL 9	09	08	59	1740	4	WESTERN GULF OF MAINE	13	1	02	42 41.0	69 11.0	161	1
100	S125	DEL 9	09	08	59	1840	4	WESTERN GULF OF MAINE	13	1	02	42 41.0	69 18.0	196	1
100	S128	DEL 9	09	08	59	2215	4	WESTERN GULF OF MAINE	13	1	02	42 41.0	69 38.0	281	1
100	S130	DEL 9	10	08	59	0040	4	WESTERN GULF OF MAINE	13	1	02	42 31.0	69 54.5	211	1
100	S136	DEL 9	10	08	59	0550	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	70 11.0	92	1
100	S139	DEL 9	10	08	59	0845	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	69 58.0	163	1
100	S142	DEL 9	10	08	59	1225	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	69 38.0	277	1
100	S144	DEL 9	10	08	59	1445	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	69 24.0	263	1
100	S146	DEL 9	10	08	59	1740	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	69 11.0	245	1
100	S148	DEL 9	10	08	59	1930	4	WESTERN GULF OF MAINE	13	1	02	42 30.0	68 57.0	214	1
100	S150	DEL 9	10	08	59	2100	4	CENTRAL GULF OF MAINE	10	1	02	42 30.0	68 44.0	187	1
100	S151	DEL 9	10	08	59	2140	4	CENTRAL GULF OF MAINE	10	1	02	42 30.0	68 36.0	203	1
100	W001	AB3 101	21	08	57	1526	4	NANTUCKET SHOALS	18	1	02	41 36.0	69 47.0	27	1
100	W003	AB3 101	21	08	57	1750	4	SOUTH GULF OF MAINE	13	1	02	41 42.0	69 38.0	149	1
100	W005	AB3 101	21	08	57	1927	4	SOUTH GULF OF MAINE	13	1	02	41 48.0	69 28.0	196	1
100	W007	AB3 101	21	08	57	2115	4	SOUTH GULF OF MAINE	13	1	02	41 55.0	69 15.0	211	1
100	W009	AB3 101	21	08	57	2357	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	69 05.0	198	1
100	W011	AB3 101	22	08	57	0152	4	SOUTH GULF OF MAINE	13	1	02	41 49.0	69 05.0	181	1
100	W013	AB3 101	22	08	57	0407	4	SOUTH GULF OF MAINE	13	1	02	41 39.0	69 06.0	161	1
100	W015	AB3 101	22	08	57	0605	4	SOUTH GULF OF MAINE	13	1	02	41 30.0	69 05.0	146	1
100	W017	AB3 101	22	08	57	0830	4	SOUTH GULF OF MAINE	13	1	02	41 19.0	69 05.0	167	1
100	W019	AB3 101	22	08	57	1020	4	GREAT SOUTH CHANNEL	17	1	02	41 09.0	69 04.0	122	1
100	W020	AB3 101	22	08	57	1105	4	GREAT SOUTH CHANNEL	17	1	02	41 05.0	69 05.0	83	1
100	W021	AB3 101	22	08	57	1153	4	GREAT SOUTH CHANNEL	17	1	02	40 59.0	69 06.0	78	1
100	W023	AB3 101	22	08	57	1316	4	GREAT SOUTH CHANNEL	17	1	02	40 48.0	69 04.0	68	1
100	W025	AB3 101	22	08	57	1450	4	GREAT SOUTH CHANNEL	17	1	02	40 38.0	69 04.0	73	1
100	W027	AB3 101	22	08	57	1621	4	GREAT SOUTH CHANNEL	17	1	02	40 29.0	69 06.0	81	1
100	W028	AB3 101	22	08	57	1712	4	GREAT SOUTH CHANNEL	17	1	02	40 24.0	69 06.0	85	1
100	W029	AB3 101	22	08	57		4	GREAT SOUTH CHANNEL	17	1	02	40 19.0	69 05.0	89	1
100	W031	AB3 101	22	08	57	1950	4	GREAT SOUTH CHANNEL	17	1	02	40 10.0	69 05.0	107	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	W033	AB3 101	22	08	57	2245	4	GREAT SOUTH CHANNEL	17	1	02	40 09.0	68 50.0	154	1
100	W034	AB3 101	22	08	57	2350	4	GREAT SOUTH CHANNEL	17	1	02	40 15.0	68 50.0	111	1
100	W036	AB3 101	23	08	57	0158	4	GREAT SOUTH CHANNEL	17	1	02	40 26.0	68 51.0	82	1
100	W038	AB3 101	23	08	57	0344	4	GREAT SOUTH CHANNEL	17	1	02	40 34.0	68 51.0	68	1
100	W039	AB3 101	23	08	57	0438	4	GREAT SOUTH CHANNEL	17	1	02	40 39.0	68 51.0	62	1
100	W043	AB3 101	23	08	57	0725	4	GEORGES BANK	14	1	02	41 00.0	68 50.0	62	1
100	W044	AB3 101	23	08	57	0810	4	GEORGES BANK	14	1	02	41 05.0	68 50.0	64	1
100	W046	AB3 101	23	08	57	0915	4	GEORGES BANK	14	1	02	41 15.0	68 50.0	94	1
100	W048	AB3 101	23	08	57	1045	4	SOUTH GULF OF MAINE	13	1	02	41 25.0	68 50.0	134	1
100	W049	AB3 101	23	08	57	1130	4	SOUTH GULF OF MAINE	13	1	02	41 30.0	68 50.0	147	1
100	W051	AB3 101	23	08	57	1331	4	SOUTH GULF OF MAINE	13	1	02	41 39.0	68 50.0	151	1
100	W053	AB3 101	23	08	57	1533	4	SOUTH GULF OF MAINE	13	1	02	41 50.0	68 50.0	162	1
100	W055	AB3 101	23	08	57	1830	4	SOUTH GULF OF MAINE	13	1	02	42 00.0	68 50.0	140	1
100	W060	AB3 101	23	08	57	2300	4	GEORGES BANK	14	1	02	41 39.0	68 30.0	171	1
100	W062	AB3 101	24	08	57	0105	4	GEORGES BANK	14	1	02	41 31.0	68 23.0	46	1
100	W064	AB3 101	24	08	57	0239	4	GEORGES BANK	14	1	02	41 22.0	68 20.0	44	1
100	W066	AB3 101	24	08	57	0410	4	GEORGES BANK	14	1	02	41 14.0	68 07.0	29	1
100	W068	AB3 101	24	08	57	0536	4	GEORGES BANK	14	1	02	41 06.0	68 00.0	44	1
100	W070	AB3 101	24	08	57	0730	4	GEORGES BANK	14	1	02	40 57.0	67 52.0	51	1
100	W072	AB3 101	24	08	57	0910	4	GEORGES BANK	14	1	02	40 49.0	67 49.0	66	1
100	W075	AB3 101	24	08	57	1115	4	GEORGES BANK	14	1	02	40 36.0	67 33.0	94	1
100	W076	AB3 101	24	08	57	1204	4	GEORGES BANK	14	1	02	40 32.0	67 33.0	122	1
100	W079	AB3 101	24	08	57	1333	4	GEORGES BANK	14	1	02	40 37.0	67 28.0	87	1
100	W081	AB3 101	24	08	57	1515	4	GEORGES BANK	14	1	02	40 48.0	67 23.0	82	1
100	W083	AB3 101	24	08	57	1650	4	GEORGES BANK	14	1	02	40 59.0	67 28.0	68	1
100	W084	AB3 101	24	08	57	1735	4	GEORGES BANK	14	1	02	41 04.0	67 28.0	60	1
100	W086	AB3 101	24	08	57	1855	4	GEORGES BANK	14	1	02	41 14.0	67 28.0	44	1
100	W088	AB3 101	24	08	57	2005	4	GEORGES BANK	14	1	02	41 24.0	67 28.0	33	1
100	W090	AB3 101	24	08	57	2119	4	GEORGES BANK	14	1	02	41 34.0	67 28.0	42	1
100	W091	AB3 101	24	08	57	2155	4	GEORGES BANK	14	1	02	41 39.0	67 28.0	49	1
100	W093	AB3 101	24	08	57	2305	4	GEORGES BANK	14	1	02	41 49.0	67 28.0	53	1
100	W095	AB3 101	25	08	57	0036	4	GEORGES BANK	14	1	02	42 01.0	67 27.0	46	1
100	W097	AB3 101	25	08	57	0141	4	GEORGES BANK	14	1	02	42 08.0	67 28.0	157	1
100	W099	AB3 101	25	08	57	0356	4	GEORGES BASIN AREA	9	1	02	42 16.0	67 27.0	279	1
100	W100	AB3 101	25	08	57	0523	4	GEORGES BASIN AREA	9	1	02	42 20.0	67 28.0	292	1
100	W101	AB3 101	25	08	57	0655	4	GEORGES BASIN AREA	9	1	02	42 20.0	67 20.0	265	1
100	W102	AB3 101	25	08	57	0840	4	GEORGES BASIN AREA	9	1	02	42 20.0	67 10.0	236	1
100	W103	AB3 101	25	08	57	0930	4	GEORGES BASIN AREA	9	1	02	42 15.0	67 10.0	170	1
100	W105	AB3 101	25	08	57	1030	4	GEORGES BANK	14	1	02	42 07.0	67 09.0	59	1
100	W107	AB3 101	25	08	57	1145	4	GEORGES BANK	14	1	02	42 00.0	67 10.0	55	1
100	W110	AB3 101	25	08	57	1353	4	GEORGES BANK	14	1	02	42 00.0	66 56.0	73	1
100	W111	AB3 101	25	08	57	1820	4	GEORGES BANK	14	1	02	42 00.0	66 45.0	73	1
100	W112	AB3 101	25	08	57	1918	4	GEORGES BANK	14	1	02	42 05.0	66 45.0	71	1
100	W114	AB3 101	25	08	57	2012	4	GEORGES BANK	14	1	02	41 10.0	66 45.0	163	1
100	W116	AB3 101	25	08	57	2240	4	GEORGES BASIN AREA	9	1	02	42 20.0	66 45.0	336	1
100	W118	AB3 101	26	08	57	0120	4	GEORGES BASIN AREA	9	1	02	42 21.0	66 31.0	318	1
100	W120	AB3 101	26	08	57	0325	4	NORTHEAST CHANNEL	8	1	02	42 21.0	66 21.0	261	1
100	W122	AB3 101	26	08	57	0610	4	GEORGES BANK	14	1	02	42 10.0	66 20.0	194	1
100	W124	AB3 101	26	08	57	0720	4	GEORGES BANK	14	1	02	42 04.0	66 20.0	87	1
100	W127	AB3 101	26	08	57	1040	4	GEORGES BANK	14	1	02	41 50.0	66 20.0	80	1
100	W129	AB3 101	26	08	57	1215	4	GEORGES BANK	14	1	02	41 41.0	66 20.0	87	1
100	W131	AB3 101	26	08	57	1355	4	GEORGES BANK	14	1	02	41 29.0	66 21.0	92	1
100	W133	AB3 101	26	08	57	1531	4	GEORGES BANK	14	1	02	41 24.0	66 14.0	124	1
100	W135	AB3 101	26	08	57	1712	4	SLOPE S GEORGES BANK	15	1	02	41 24.0	66 00.0	240	1
100	W136	AB3 101	26	08	57	1800	4	GEORGES BANK	14	1	02	41 30.0	66 00.0	146	1
100	W138	AB3 101	26	08	57	1935	4	GEORGES BANK	14	1	02	41 40.0	66 00.0	96	1
100	W140	AB3 101	26	08	57	2055	4	GEORGES BANK	14	1	02	41 49.0	65 58.0	92	1
100	W144	AB3 101	27	08	57	0130	4	NORTHEAST CHANNEL	8	1	02	42 03.0	65 39.0	247	1
100	W146	AB3 101	27	08	57	0355	4	BROWNS BANK	6	1	02	42 09.0	65 30.0	138	1
100	W148	AB3 101	27	08	57	0610	4	BROWNS BANK	6	1	02	42 17.0	65 38.0	111	1
100	W150	AB3 101	27	08	57	0810	4	BROWNS BANK	6	1	02	42 22.0	65 47.0	154	1
100	W152	AB3 101	27	08	57	1000	4	NORTHEAST CHANNEL	8	1	02	42 15.0	65 56.0	240	1
100	W154	AB3 101	27	08	57	1341	4	NORTHEAST CHANNEL	8	1	02	42 09.0	66 06.0	203	1
100	W157	AB3 101	27	08	57	1709	4	GEORGES BANK	14	1	02	41 57.0	66 21.0	80	1
100	W159	AB3 101	27	08	57	1840	4	GEORGES BANK	14	1	02	41 50.0	66 30.0	80	1
100	W161	AB3 101	27	08	57	2150	4	GEORGES BANK	14	1	02	41 42.0	66 41.0	66	1
100	W163	AB3 101	27	08	57	2340	4	GEORGES BANK	14	1	02	41 35.0	66 45.0	71	1
100	W165	AB3 101	28	08	57	0114	4	GEORGES BANK	14	1	02	41 25.0	66 44.0	80	1
100	W167	AB3 101	28	08	57	0315	4	GEORGES BANK	14	1	02	41 14.0	66 44.0	82	1
100	W169	AB3 101	28	08	57	0445	4	GEORGES BANK	14	1	02	41 05.0	66 44.0	87	1
100	W170	AB3 101	28	08	57	0515	4	GEORGES BANK	14	1	02	40 59.0	66 44.0	91	1
100	W172	AB3 101	28	08	57	0920	4	SLOPE S GEORGES BANK	15	1	02	40 49.0	66 45.0	245	1
100	W174	AB3 101	28	08	57	1100	4	GEORGES BANK	14	1	02	40 48.0	66 58.0	103	1
100	W176	AB3 101	28	08	57	1226	4	GEORGES BANK	14	1	02	40 47.0	67 12.0	96	1
100	W178	AB3 101	28	08	57	1402	4	GEORGES BANK	14	1	02	40 46.0	67 25.0	85	1
100	W180	AB3 101	28	08	57	1534	4	GEORGES BANK	14	1	02	40 46.0	67 37.0	75	1
100	W181	AB3 101	28	08	57	1621	4	GEORGES BANK	14	1	02	40 46.0	67 45.0		1
100	W182	AB3 101	28	08	57	1715	4	GEORGES BANK	14	1	02	40 46.0	67 52.0	69	1
100	W184	AB3 101	28	08	57	1845	4	GEORGES BANK	14	1	02	40 48.0	68 06.0	66	1
100	W186	AB3 101	28	08	57	2005	4	GEORGES BANK	14	1	02	40 48.0	68 19.0	57	1
100	W188	AB3 101	28	08	57	2120	4	GEORGES BANK	14	1	02	40 48.0	68 32.0	53	1
100	W190	AB3 101	28	08	57	2248	4	GEORGES BANK	14	1	02	40 48.0	68 46.0	66	1
100	W191	AB3 101	28	08	57	2322	4	GREAT SOUTH CHANNEL	17	1	02	40 48.0	68 59.0	66	1
100	W195	AB3 101	29	08	57	0150	4	NANTUCKET SHOALS	18	1	02	40 48.0	69 15.0	51	1
100	W197	AB3 101	29	08	57	0318	4	NANTUCKET SHOALS	18	1	02	40 58.0	69 15.0	68	1
100	W200	AB3 101	29	08	57	0535	4	GREAT SOUTH CHANNEL	17	1	02	41 00.0	69 02.0	80	1
100	W204	AB3 101	29	08	57	0835	4	GEORGES BANK	14	1	02	41 00.0	68 35.0	46	1
100	W205	AB3 101	29	08	57	0920	4	GEORGES BANK	14	1	02	41 05.0	68 35.0	57	1
100	W207	AB3 101	29	08	57	1025	4	GEORGES BANK	14	1	02	41 15.0	68 35.0	62	1
100	W209	AB3 101	29	08	57	1145	4	GEORGES BANK	14	1	02	41 25.0	68 35.0	87	1

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CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	W211	AB3 101	29	08	57	1255	4	GEORGES BANK	14	1	02	41 34.0	68 34.0	133	1
100	W213	AB3 101	29	08	57	1425	4	SOUTH GULF OF MAINE	13	1	02	41 45.0	68 34.0	189	1
100	W215	AB3 101	29	08	57	1605	4	GEORGES BANK	14	1	02	41 45.0	68 22.0	167	1
100	W224	AB3 101	29	08	57	2320	4	SOUTH GULF OF MAINE	13	1	02	41 25.0	69 05.0	165	1
100	W225	AB3 101	30	08	57	0006	4	SOUTH GULF OF MAINE	13	1	02	41 25.0	69 12.0	159	1
100	W227	AB3 101	30	08	57	0200	4	SOUTH GULF OF MAINE	13	1	02	41 25.0	69 25.0	40	1
100	W229	AB3 101	30	08	57	0305	4	NANTUCKET SHOALS	18	1	02	41 25.0	69 34.0	29	1

CODE #	STATION #		CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT		LONG		CORRECTED DEPTH	METHOD OF SOUNDING
100	1000		GSS 9	23	04	63			WILKINSON BASIN	13	1	02	42	34.0	69	32.0	280	2
100	1001		GSS 10	26	04	63	0955	5	TARPAULIN COVE	19	1	01	41	28.5	70	45.5	20	1
100	1002		GSS 10	26	04	63	1014	5	TARPAULIN COVE	19	1	01	41	28.6	70	45.5	10	1
100	1003		GSS 10	26	04	63	1112	5	TARPAULIN COVE	19	1	01	41	28.6	70	46.0	21	1
100	1004		GSS 10	26	04	63	1225	5	BUZZARDS BAY	19	1	01	41	27.6	70	51.7	22	1
100	1005		GSS 10	26	04	63	1357	5	BUZZARDS BAY	19	1	01	41	27.6	70	51.7	22	1
100	1006		GSS 10	26	04	63	1435	5	BUZZARDS BAY	19	1	01	41	32.1	70	47.0	18	1
100	1007		GSS 11	30	04	63	1048	5	LAMBERTS COVE	19	1	01	41	26.5	70	42.3	37	1
100	1008		GSS 11	30	04	63	1330	5	VINEYARD SOUND	19	1	01	41	21.8	70	48.2	26	1
100	1009		GSS 11	30	04	63	1418	5	VINEYARD SOUND	19	1	01	41	24.8	70	46.9	15	1
100	1010		GSS 11	30	04	63	1503	5	VINEYARD SOUND	19	1	01	41	30.1	70	40.0	25	1
100	1011		GSS 12	02	05	63	1106	4	NANTUCKET SOUND	19	1	01	41	28.5	70	29.9	21	1
100	1012		GSS 12	02	05	63	1259	4	NANTUCKET SOUND	19	1	01	41	27.0	70	19.1	20	1
100	1013		GSS 12	02	05	63	1426	4	NANTUCKET SOUND	19	1	01	41	30.4	70	01.4	18	1
100	1014		GSS 12	02	05	63	1620	4	EAST CAPE COD	18	1	01	41	41.0	69	54.0	20	1
100	1015		GSS 12	03	05	63	0646	4	WEST GULF OF MAINE	13	1	01	42	40.0	70	30.0	92	1
100	1016		GSS 12	03	05	63	0853	4	WEST GULF OF MAINE	12	1	01	42	50.0	70	44.9	37	1
100	1017		GSS 12	03	05	63	1004	4	WEST GULF OF MAINE	12	1	02	42	57.2	70	41.7	44	1
100	1018		GSS 12	03	05	63	1133	4	WEST GULF OF MAINE	13	1	01	42	59.8	70	29.6	95	1
100	1019		GSS 12	03	05	63	1300	4	WEST GULF OF MAINE	13	1	02	43	09.2	70	27.0	42	1
100	1020		GSS 12	03	05	63	1311	4	WEST GULF OF MAINE	13	1	02	43	09.3	70	26.4	65	1
100	1021		GSS 12	03	05	63	1427	4	WEST GULF OF MAINE	12	1	01	43	18.9	70	27.4	37	1
100	1022		GSS 12	03	05	63	1557	4	WEST GULF OF MAINE	13	1	01	43	20.8	70	15.7	51	1
100	1023		GSS 12	03	05	63	1716	4	WEST GULF OF MAINE	12	1	01	43	28.8	70	16.6	45	1
100	1024		GSS 12	03	05	63	1901	4	WEST GULF OF MAINE	10	1	01	43	30.0	70	01.2	117	1
100	1025		GSS 12	04	05	63	0610	4	WEST GULF OF MAINE	10	1	01	43	39.8	69	59.4	59	1
100	1026		GSS 12	04	05	63	0748	4	WEST GULF OF MAINE	10	1	01	43	39.4	69	44.3	74	1
100	1027		GSS 12	04	05	63	0910	4	WEST GULF OF MAINE	10	1	02	43	40.0	69	31.1	143	1
100	1028		GSS 12	04	05	63	1038	4	WEST GULF OF MAINE	11	1	02	43	50.0	69	29.2	51	1
100	1029		GSS 12	04	05	63	1053	4	WEST GULF OF MAINE	11	1	01	43	49.2	69	29.0	78	1
100	1030		GSS 12	04	05	63	1307	4	WEST GULF OF MAINE	10	1	01	43	39.7	69	15.5	106	1
100	1031		GSS 12	04	05	63	1318	4	WEST GULF OF MAINE	10	1	01	43	39.9	69	15.7	122	1
100	1032		GSS 12	04	05	63	1435	4	WEST GULF OF MAINE	10	1	01	43	49.9	69	16.0	64	1
100	1033		GSS 12	04	05	63	1620	4	WEST GULF OF MAINE	10	1	01	43	49.5	68	58.7	68	1
100	1034		GSS 12	04	05	63	1800	4	WEST GULF OF MAINE	10	1	02	43	49.6	68	43.7	102	1
100	1035	A	GSS 12	04	05	63	1933	4	NORTH GULF OF MAINE	11	1	01	43	59.7	68	42.1	102	1
100	1035	B	GSS 12	04	05	63	1933	4	NORTH GULF OF MAINE	11	1	01	43	59.7	68	42.1	102	1
100	1036		GSS 12	05	05	63	0618	4	NORTH GULF OF MAINE	5	1	02	44	18.5	67	15.0	188	1
100	1037		GSS 12	05	05	63	0754	4	NORTH GULF OF MAINE	5	1	02	44	20.0	67	29.2	111	1
100	1038		GSS 12	05	05	63	0949	4	NORTH GULF OF MAINE	5	1	02	44	09.5	67	30.5	203	1
100	1039		GSS 12	05	05	63	1104	4	NORTH GULF OF MAINE	5	1	02	44	10.1	67	44.8	178	1
100	1040		GSS 12	05	05	63	1233	4	NORTH GULF OF MAINE	5	1	02	44	20.0	67	45.0	75	1
100	1041		GSS 12	05	05	63	1405	4	NORTH GULF OF MAINE	4	1	01	44	20.5	68	00.2	38	1
100	1042		GSS 12	05	05	63	1535	4	NORTH GULF OF MAINE	5	1	02	44	10.2	68	00.7	89	1
100	1043		GSS 12	05	05	63	1652	4	NORTH GULF OF MAINE	5	1	01	44	08.0	68	13.0	57	2
100	1044		GSS 12	06	05	63	0607	4	CNTRL GULF OF MAINE	9	1	02	42	30.0	67	57.5	223	1
100	1045		GSS 12	06	05	63	0735	4	CNTRL GULF OF MAINE	10	1	02	42	19.0	68	00.0	180	1
100	1046		GSS 12	06	05	63	0912	4	CNTRL GULF OF MAINE	10	1	02	42	20.0	68	14.6	208	1
100	1047	A	GSS 12	06	05	63	1035	4	CNTRL GULF OF MAINE	10	1	02	42	30.0	68	16.2	202	1
100	1047	B	GSS 12	06	05	63	1035	4	CNTRL GULF OF MAINE	10	1	02	42	30.0	68	16.2	202	1
100	1048		GSS 12	06	05	63	1240	4	CNTRL GULF OF MAINE	10	1	02	42	20.3	68	28.3	203	1
100	1049		GSS 12	06	05	63	1434	4	CNTRL GULF OF MAINE	13	1	02	42	21.5	68	46.0	213	1
100	1050		GSS 12	06	05	63	1558	4	SOUTH. GULF OF MAINE	13	1	02	42	10.5	68	44.5	212	1
100	1051		GSS 12	06	05	63	1739	4	SOUTH. GULF OF MAINE	13	1	02	42	14.1	69	00.5	192	1
100	1052		GSS 12	06	05	63	1916	4	SOUTH. GULF OF MAINE	13	1	02	42	09.0	69	14.0	194	1
100	1053		GSS 13	09	05	63	1255	4	S. VINEYARD SOUND	22	1	01	41	20.0	71	00.2	33	1
100	1054		GSS 13	09	05	63	1507	4	S. VINEYARD SOUND	23	1	01	41	19.2	70	43.0	23	1
100	1055		GSS 13	09	05	63	1620	4	S. OF THE VINEYARD	18	1	01	41	17.5	70	30.0	23	1
100	1056		GSS 13	09	05	63	1844	4	SOUTH OF NANTUCKET	18	1	01	41	11.3	70	12.4	23	1
100	1057		GSS 13	09	05	63	2020	4	SOUTH OF NANTUCKET	18	1	01	41	05.0	70	00.0	28	1
100	1058		GSS 13	09	05	63	2133	4	SOUTH OF NANTUCKET	18	1	01	40	57.7	70	00.0	33	1
100	1059		GSS 13	10	05	63	0718	4	SW PART GEORGES BANK	14	1	02	40	30.0	68	29.0	94	1
100	1060		GSS 13	10	05	63	0910	4	SW PART GEORGES BANK	14	1	02	40	19.7	68	30.8	123	1
100	1061	A	GSS 13	10	05	63	1011	4	SW PART GEORGES BANK	15	1	02	40	11.0	68	29.5	507	1
100	1061	B	GSS 13	10	05	63	1011	4	SW PART GEORGES BANK	15	1	02	40	11.0	68	29.5	507	1
100	1062		GSS 13	10	05	63	1220	4	SLOPE, GEORGES BANK	15	1	02	40	11.5	68	13.5	426	1
100	1063		GSS 13	10	05	63	1342	4	OCEANOGRAPHER CANYON	14	1	02	40	20.7	68	15.0	144	1
100	1064		GSS 13	10	05	63	1534	4	OCEANOGRAPHER CANYON	14	1	02	40	20.5	68	00.7	154	1
100	1065		GSS 13	10	05	63	1840	4	SW PART GEORGES BANK	14	1	02	40	30.0	68	00.5	121	1
100	1066		GSS 13	12	05	63	1038	4	SOUTH OF BLOCK ISLAND	23	1	02	40	42.2	71	31.0	68	1
100	1067		GSS 13	12	05	63	1155	4	SOUTH OF BLOCK ISLAND	23	1	02	40	30.0	71	31.0	77	1
100	1068		GSS 13	12	05	63	1318	4	SOUTH OF BLOCK ISLAND	23	1	02	40	20.5	71	32.0	85	1
100	1069		GSS 13	12	05	63	1438	4	SOUTH OF BLOCK ISLAND	23	1	02	40	10.0	71	31.5	89	1
100	1070		GSS 13	12	05	63	1543	4	SOUTH OF BLOCK ISLAND	23	1	02	40	02.0	71	32.0	94	1
100	1071		GSS 13	12	05	63	1710	4	SOUTH OF BLOCK ISLAND	24	1	02	39	52.0	71	31.6	346	1
100	1072		GSS 13	12	05	63	1830	4	NE OF HUDSON CANYON	23	1	02	39	54.3	71	44.5	139	1
100	1073		GSS 13	12	05	63	1927	4	NE OF HUDSON CANYON	24	1	02	39	47.4	71	45.5	301	1
100	1074		GSS 13	12	05	63	2027	4	NE OF HUDSON CANYON	24	1	02	39	43.0	71	53.2	225	1
100	1075		GSS 13	13	05	63	0656	4	N. OF HUDSON CANYON	25	1	02	39	59.4	72	15.2	82	1
100	1076		GSS 13	13	05	63	0717	4	N. OF HUDSON CANYON	25	1	02	39	49.0	72	14.5	89	1
100	1077		GSS 13	13	05	63	0828	4	N. OF HUDSON CANYON	25	1	02	39	40.0	72	14.0	121	1
100	1078	A	GSS 13	13	05	63	0953	4	N. OF HUDSON CANYON	28	1	02	39	29.7	72	14.0	376	1
100	1078	B	GSS 13	13	05	63	0953	4	N. OF HUDSON CANYON	28	1	02	39	29.7	72	14.0	376	1
100	1078	C	GSS 13	13	05	63	0953	4	N. OF HUDSON CANYON	28	1	02	39	29.7	72	14.0	376	1
100	1079		GSS 13	13	05	63	1150	4	N. OF HUDSON CANYON	24	1	02	39	35.2	72	00.0	292	1
100	1080		GSS 13	13	05	63	1349	4	N. OF HUDSON CANYON	25	1	02	39	50.0	72	00.0	116	1
100	1081		GSS 13	13	05	63	1518	4	N. OF HUDSON CANYON	25	1	02	40	00.0	71	57.2	88	1
100	1082		GSS 13	13	05	63	1658	4	N. OF HUDSON CANYON	23	1	02	40	05.5	71	44.0	86	1
100	1083		GSS 13	13	05	63	1819	4	N. OF HUDSON CANYON	23	1	02	40	15.2	71	46.0	82	1
100	1084		GSS 13	13	05	63	1943	4	N. OF HUDSON CANYON	23	1	02	40	25.4	71	45.0	76	1

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CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1085	GOS 18	15 06 63	1410	4	CAPE COD BAY BY CANAL	20	1	01	41 49.0	70 25.6		
100	1086	GOS 18	15 06 63	1601	4	CAPE COD BAY	20	1	01	41 53.5	70 13.3	32	1
100	1087	GOS 18	15 06 63	1724	4	CAPE COD BAY	20	1	01	42 00.9	70 10.0	64	1
100	1088	GOS 18	18 06 63	0820	4	GRAND MANAN ISLAND	5	1	02	44 18.2	67 14.5		
100	1089	GOS 18	18 06 63	1905	4	BAY OF FUNDY	3	1	02	44 23.0	66 30.8		
100	1090	GOS 18	23 06 63	1955	4	ENT. TO PENOBSCOT BAY	10	1	01	43 49.0	68 49.0	41	1
100	1091	GOS 20	16 07 63	0930	4	BUZZARDS BAY	19	1	01	41 32.9	70 48.0	15	1
100	1092	GOS 20	16 07 63	1325	4	BUZZARDS BAY	19	1	01	41 36.5	70 42.8	16	1
100	1093	GOS 20	16 07 63	1405	4	BUZZARDS BAY	19	1	01	41 35.0	70 41.1	13	1
100	1094	GOS 21	30 07 63	1657	4	SOUTH. GULF OF MAINE	13	1	02	41 49.5	69 21.5	199	1
100	1095	GOS 21	30 07 63	2000	4	SOUTH. GULF OF MAINE	13	1	02	41 49.8	69 05.5	289	1
100	1096	GOS 21	30 07 63	2155	4	SOUTH. GULF OF MAINE	13	1	02	41 56.0	68 57.5	235	1
100	1097	GOS 21	31 07 63	0015	4	SOUTH. GULF OF MAINE	13	1	02	41 56.8	69 14.4	266	1
100	1098	GOS 21	31 07 63	0230	4	SOUTH. GULF OF MAINE	13	1	02	41 56.0	69 27.0	223	1
100	1099	GOS 21	31 07 63	0420	4	SOUTH. GULF OF MAINE	13	1	02	41 53.0	69 36.0	201	1
100	1100	GOS 22	05 08 63	1435	4	EAST OF NANTUCKET	18	1	02	41 29.4	69 47.1	23	1
100	1101	GOS 22	05 08 63	1435	4	EAST OF NANTUCKET	18	1	02	41 29.4	69 47.1	23	1
100	1102	GOS 22	05 08 63	1601	4	EAST OF NANTUCKET	18	1	02	41 20.5	69 43.9	23	1
100	1103	GOS 22	05 08 63	1712	4	EAST OF NANTUCKET	18	1	02	41 11.2	69 40.5	23	1
100	1104	GOS 22	05 08 63	1905	4	SE OF NANTUCKET	18	1	02	41 00.0	69 43.7	37	1
100	1105	GOS 22	05 08 63	2302	4	SE OF NANTUCKET	18	1	02	40 43.5	69 15.5	33	1
100	1106	GOS 22	06 08 63	0000	4	SE OF NANTUCKET	18	1	02	40 40.3	69 15.3	60	1
100	1107	GOS 22	06 08 63	0140	4	SE OF NANTUCKET	23	1	02	40 30.0	69 15.0	74	1
100	1108	GOS 22	06 08 63	0310	4	SE OF NANTUCKET	23	1	02	40 19.1	69 14.3	85	1
100	1109	GOS 22	06 08 63	0442	4	SE OF NANTUCKET	23	1	02	40 09.7	69 16.1	97	1
100	1110	GOS 22	06 08 63	0615	4	SE OF NANTUCKET	23	1	02	39 59.2	69 15.5	185	1
100	1111	GOS 22	06 08 63	1106	4	GEORGES BANK	17	1	02	40 17.0	68 35.5	122	1
100	1112	GOS 22	06 08 63	1502	4	GEORGES BANK	14	1	02	40 29.2	68 00.9	123	1
100	1113	GOS 22	06 08 63	1655	4	GEORGES BANK	14	1	02	40 40.0	68 00.7	86	1
100	1114	GOS 22	06 08 63	1844	4	N. OF LYDONIA CANYON	14	1	02	40 40.4	67 44.8	79	1
100	1115	GOS 22	06 08 63	2001	4	HEAD, LYDONIA CANYON	14	1	02	40 30.5	67 45.5	124	1
100	1116	GOS 22	06 08 63	2220	4	LYDONIA CANYON	15	1	02	40 21.0	67 48.0	382	1
100	1117	GOS 22	07 08 63	0220	4	GEORGES BANK	14	1	02	40 31.2	67 16.1	235	1
100	1118	GOS 22	07 08 63	0330	4	GEORGES BANK	14	1	02	40 39.4	67 15.1	111	1
100	1119	GOS 22	07 08 63	0505	4	GEORGES BANK	15	1	02	40 39.4	67 00.5	214	1
100	1120	GOS 22	07 08 63	0850	4	GEORGES BANK	14	1	02	41 00.8	67 16.3	74	1
100	1121	GOS 22	07 08 63	1022	4	GEORGES BANK	14	1	02	41 16.6	67 16.0	57	1
100	1122	GOS 22	07 08 63	1102	4	GEORGES BANK	14	1	02	41 10.2	67 13.0	59	1
100	1123	GOS 22	07 08 63	1310	4	GEORGES BANK	14	1	02	40 59.4	67 00.8	74	1
100	1124	GOS 22	07 08 63	1622	4	GEORGES BANK	14	1	02	41 00.5	66 30.2	114	1
100	1125	GOS 22	07 08 63	1745	4	GEORGES BANK	14	1	02	41 10.2	66 31.2	95	1
100	1126	GOS 22	07 08 63	1926	4	GEORGES BANK	14	1	02	41 19.9	66 30.4	91	1
100	1127	GOS 22	07 08 63	2050	4	GEORGES BANK	14	1	02	41 30.0	66 32.3	88	1
100	1128	GOS 22	08 08 63	0015	4	GEORGES BANK	14	1	02	41 40.1	66 30.0	76	1
100	1129	GOS 22	08 08 63	0230	4	E. GEORGES BANK	14	1	02	41 50.8	66 45.4	65	1
100	1130	GOS 22	08 08 63	0437	4	E. GEORGES BANK	14	1	02	42 01.1	66 31.7	86	1
100	1131	GOS 22	08 08 63	0602	4	E. GEORGES BANK	14	1	02	42 08.5	66 32.0	82	1
100	1132	GOS 22	08 08 63	0852	4	EAST CHANNEL	8	1	02	42 12.3	66 06.2	256	1
100	1133	GOS 22	08 08 63	1012	4	EAST CHANNEL	8	1	02	42 20.4	66 02.6	261	1
100	1134	GOS 22	08 08 63	1206	4	EAST CHANNEL	8	1	02	42 31.0	66 18.5	242	1
100	1135	GOS 22	08 08 63	1340	4	BROWNS BANK	6	1	02	42 40.0	66 15.6	67	1
100	1136	GOS 22	08 08 63	1640	4	BROWNS BANK	6	1	02	42 39.0	65 45.0	96	1
100	1137	GOS 22	08 08 63	1820	4	BROWNS BANK	6	1	02	42 39.7	65 28.7	94	1
100	1138	GOS 22	08 08 63	1953	4	BROWNS BANK	6	1	02	42 29.4	65 26.0	104	1
100	1139	GOS 22	08 08 63	2253	4	BROWNS BANK	6	1	02	42 41.8	65 15.5	100	1
100	1140	GOS 22	09 08 63	0115	4	EAST OF BROWNS BANK	6	1	02	42 40.7	65 02.1	109	1
100	1141	GOS 22	09 08 63	0240	4	EASTERN BROWNS BANK	6	1	02	42 29.9	65 01.1	122	1
100	1142	GOS 22	09 08 63	0500	4	SE OF CAPE SABLE	6	1	02	42 40.0	64 45.2	121	1
100	1143	GOS 22	09 08 63	0635	4	SE OF CAPE SABLE	6	1	02	42 40.5	64 30.0	136	1
100	1144	GOS 22	09 08 63	0802	4	SE OF CAPE SABLE	6	1	02	42 51.0	64 31.8	107	1
100	1145	GOS 22	09 08 63	0825	4	SE OF CAPE SABLE	6	1	02	42 52.1	64 30.2	109	1
100	1146	GOS 22	09 08 63	1012	4	SOUTH OF NOVA SCOTIA	6	1	02	42 51.0	64 15.5	123	1
100	1147	GOS 22	09 08 63	1210	4	SOUTH OF NOVA SCOTIA	6	1	02	42 50.0	64 00.4	116	1
100	1148	GOS 22	09 08 63	1420	4	SOUTH OF NOVA SCOTIA	6	1	02	42 59.2	64 16.8	116	1
100	1149	GOS 22	09 08 63	1610	4	SOUTH OF NOVA SCOTIA	6	1	02	42 58.2	64 29.3	116	1
100	1150	GOS 22	09 08 63	1745	4	SOUTH OF NOVA SCOTIA	6	1	02	42 58.9	64 45.5	86	1
100	1151	GOS 22	09 08 63	1901	4	SOUTH OF NOVA SCOTIA	6	1	02	42 49.3	64 45.3	103	1
100	1152	GOS 22	09 08 63	2045	4	SOUTH OF NOVA SCOTIA	6	1	02	42 49.5	64 59.6	103	1
100	1153	GOS 22	10 08 63	0005	4	SOUTH OF NOVA SCOTIA	1	1	02	42 50.0	65 33.1	136	1
100	1154	GOS 22	10 08 63	0130	4	N. SIDE BROWNS BANK	2	1	02	42 50.6	65 44.8	110	1
100	1155	GOS 22	10 08 63	0340	4	S. OF CAPE SABLE	2	1	02	43 00.6	65 59.6	119	1
100	1156	GOS 22	10 08 63	0530	4	S. OF CAPE SABLE	2	1	02	43 00.0	66 15.4	116	1
100	1157	GOS 22	10 08 63	0653	4	SW OF CAPE SABLE	2	1	02	43 10.2	66 14.5	100	1
100	1158	GOS 22	10 08 63	0826	4	SW OF CAPE SABLE	2	1	02	43 20.4	66 13.0	61	1
100	1159	GOS 22	10 08 63	0952	4	SW OF CAPE SABLE	2	1	02	43 26.4	66 15.8	92	1
100	1160	GOS 22	10 08 63	1034	4	SW OF CAPE SABLE	2	1	02	43 28.5	66 15.0	82	1
100	1161	GOS 22	10 08 63	1220	4	WEST OF NOVA SCOTIA	2	1	01	43 40.6	66 16.7	60	1
100	1162	GOS 22	10 08 63	1340	4	WEST OF NOVA SCOTIA	2	1	02	43 50.5	66 15.5	45	1
100	1163	GOS 22	10 08 63	1445	4	WEST OF NOVA SCOTIA	2	1	01	43 58.2	66 20.6	57	1
100	1164	GOS 22	10 08 63	1625	4	WEST OF NOVA SCOTIA	2	1	01	44 08.4	66 17.0	51	1
100	1165	GOS 22	10 08 63	1745	4	WEST OF NOVA SCOTIA	2	1	01	44 08.6	66 28.8	87	1
100	1166 A	GOS 22	10 08 63	2013	4	WEST OF NOVA SCOTIA	3	1	01	44 19.8	66 30.5	205	1
100	1166 B	GOS 22	10 08 63	2013	4	WEST OF NOVA SCOTIA	3	1	01	44 19.8	66 30.5	205	1
100	1167	GOS 22	10 08 63	2223	4	SOUTH BAY OF FUNDY	3	1	01	44 30.2	66 29.7	157	1
100	1168	GOS 22	11 08 63	0045	4	SOUTH BAY OF FUNDY	3	1	01	44 30.7	66 15.0	136	1
100	1169	GOS 22	11 08 63	0155	4	SOUTH BAY OF FUNDY	3	1	01	44 40.7	66 14.3	134	1
100	1170	GOS 22	11 08 63	0345	4	SOUTH BAY OF FUNDY	3	1	01	44 39.8	66 28.8	187	1
100	1171	GOS 22	11 08 63	0605	4	GRAND MANAN ISLAND	4	1	01	44 51.0	66 46.3	141	1
100	1172 A	GOS 22	11 08 63	0740	4	NW GRAND MANAN ISLAND	4	1	01	44 39.6	66 57.0	100	1
100	1172 B	GOS 22	11 08 63	0740	4	NW GRAND MANAN ISLAND	4	1	01	44 39.6	66 57.0	100	1

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CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1173	GOS 22	11	08	63	0940	4	SW GRAND MANAN ISLAND	5	1	01	44 28.3	67 15.2	116	1
100	1174	GOS 22	11	08	63	1111	4	S. GRAND MANAN ISLAND	5	1	01	44 28.7	67 01.5	57	1
100	1175	GOS 22	11	08	63	1250	4	S. GRAND MANAN ISLAND	5	1	01	44 19.5	66 59.5	128	1
100	1176	GOS 22	11	08	63	1445	4	S. GRAND MANAN ISLAND	3	1	01	44 30.2	66 44.3	89	1
100	1177	GOS 22	11	08	63	1620	4	S. GRAND MANAN ISLAND	5	1	01	44 21.0	66 45.8	193	1
100	1178	GOS 22	11	08	63	1755	4	N. GULF OF MAINE	5	1	02	44 10.0	66 44.1	125	1
100	1179	GOS 22	11	08	63	1951	4	N. GULF OF MAINE	5	1	02	44 06.5	67 00.0	157	1
100	1180	GOS 22	11	08	63	2130	4	N. GULF OF MAINE	5	1	02	44 10.7	67 15.8	144	1
100	1181	GOS 22	12	08	63	0435	4	N. GULF OF MAINE	5	1	01	43 57.7	68 30.1	94	1
100	1182	GOS 22	12	08	63	0752	4	PENOBSCOT BAY	11	1	01	44 01.5	69 00.5	86	1
100	1183	GOS 22	13	08	63	1529	4	N. GULF OF MAINE	5	1	02	43 55.2	67 30.5	215	1
100	1184	GOS 22	13	08	63	2151	4	GULF OF MAINE	2	1	01	43 46.7	66 32.5	107	1
100	1185	GOS 22	14	08	63	0830	4	GULF OF MAINE	4	1	01	44 36.7	67 22.3	84	1
100	1186 A	GOS 22	15	08	63	0900	4	GULF OF MAINE	4	1	01	44 29.0	67 29.4	90	1
100	1186 B	GOS 22	15	08	63	0900	4	GULF OF MAINE	4	1	01	44 29.0	67 29.4	90	1
100	1187	GOS 22	15	08	63	2150	4	GULF OF MAINE	10	1	02	43 10.0	68 35.0	184	1
100	1188	GOS 22	16	08	63	0711	4	GULF OF MAINE	13	1	02	42 20.2	69 01.0	221	1
100	1189	GOS 22	16	08	63	0905	4	GULF OF MAINE	13	1	02	42 19.8	69 15.0	245	1
100	1190	GOS 22	16	08	63	0951	4	GULF OF MAINE	13	1	02	42 19.8	69 20.0	221	1
100	1191	GOS 22	16	08	63	1100	4	W. GULF OF MAINE	13	1	02	42 18.5	69 30.0	235	1
100	1192 A	GOS 22	16	08	63	1215	4	W. GULF OF MAINE	13	1	02	42 10.0	69 31.0	225	1
100	1192 B	GOS 22	16	08	63	1215	4	W. GULF OF MAINE	13	1	02	42 10.0	69 31.0	225	1
100	1193 A	GOS 22	16	08	63	1330	4	NORTH OF PROVINCETOWN	13	1	01	42 10.0	69 42.7	231	1
100	1193 B	GOS 22	16	08	63	1330	4	NORTH OF PROVINCETOWN	13	1	01	42 10.0	69 42.7	231	1
100	1194	GOS 22	16	08	63	1545	4	NORTH OF PROVINCETOWN	13	1	01	42 20.0	69 45.0	260	1
100	1195 A	GOS 22	16	08	63	1730	4	NORTH OF PROVINCETOWN	13	1	01	42 20.0	69 58.5	211	1
100	1195 B	GOS 22	16	08	63	1730	4	NORTH OF PROVINCETOWN	13	1	01	42 20.0	69 58.5	211	1
100	1196	GOS 22	16	08	63	1907	4	NORTH OF PROVINCETOWN	13	1	01	42 20.5	70 14.0	41	1
100	1197	GOS 22	16	08	63	2035	4	EAST OF CAPE ANN	13	1	01	42 33.5	70 17.0	104	1
100	1198	GOS 22	16	08	63	2138	4	EAST OF CAPE ANN	13	1	01	42 39.7	70 15.6	85	1
100	1199	GOS 22	16	08	63	2350	4	MASSACHUSETTS BAY	21	1	01	42 30.2	70 30.4	87	1
100	1200	GOS 22	17	08	63	0130	4	MASSACHUSETTS BAY	21	1	01	42 29.8	70 44.7	43	1
100	1201	GOS 22	17	08	63	0255	4	MASSACHUSETTS BAY	21	1	01	42 19.9	70 44.3	35	1
100	1202	GOS 22	17	08	63	0435	4	MASSACHUSETTS BAY	21	1	01	42 20.6	70 30.0	91	1
100	1203	GOS 22	17	08	63	0610	4	MASSACHUSETTS BAY	21	1	01	42 10.1	70 30.2	55	1
100	1204	GOS 22	17	08	63	0734	4	CAPE COD BAY	20	1	01	42 00.0	70 29.9	38	1
100	1205	GOS 22	17	08	63	0900	4	CAPE COD BAY	20	1	01	42 00.0	70 15.0	44	1
100	1206	GOS 22	17	08	63	1023	4	CAPE COD BAY	20	1	01	41 49.7	70 14.4	28	1
100	1207	GOS 22	17	08	63	1145	4	CAPE COD BAY	20	1	01	41 50.0	70 28.1	23	1
100	1208	GOS 22	17	08	63	1405	4	BUZZARDS BAY	19	1	01	41 39.9	70 42.1	10	1
100	1209	GOS 24	24	08	63	1505	4	MASSACHUSETTS BAY	13	1	01	42 10.0	70 14.3	35	1
100	1210	GOS 24	24	08	63	1830	4	MASSACHUSETTS BAY	13	1	01	42 10.0	70 00.4	119	1
100	1211	GOS 24	24	08	63	1955	4	EAST OF CAPE COD	13	1	01	41 59.6	69 56.5	48	1
100	1212	GOS 24	24	08	63	2144	4	EAST OF CAPE COD	13	1	01	41 49.8	69 45.0	126	1
100	1213	GOS 24	25	08	63	0020	4	EAST OF CAPE COD	13	1	02	41 40.8	69 24.0	170	1
100	1214 A	GOS 24	25	08	63	0202	4	EAST OF CAPE COD	13	1	02	41 38.5	69 15.5	183	1
100	1214 B	GOS 24	25	08	63	0202	4	EAST OF CAPE COD	13	1	02	41 38.5	69 15.5	183	1
100	1214 C	GOS 24	25	08	63	0202	4	EAST OF CAPE COD	13	1	02	41 38.5	69 15.5	183	1
100	1215	GOS 24	26	08	63	1613	4	EAST OF DAVIS BANK	13	1	02	41 20.2	69 20.0	54	1
100	1216	GOS 24	26	08	63	1724	4	GEORGES BANK	17	1	02	41 11.8	69 15.5	88	1
100	1217	GOS 24	27	08	63	0054	4	GEORGES BANK	14	1	02	41 40.6	68 14.8	33	1
100	1218	GOS 24	27	08	63	0155	4	GEORGES BANK	14	1	02	41 34.6	68 12.5	37	1
100	1219	GOS 24	27	08	63	0434	4	GEORGES BANK	14	1	02	41 30.7	67 59.5	33	1
100	1220	GOS 24	27	08	63	0841	4	GEORGES BANK	14	1	02	41 30.0	67 15.2	48	1
100	1221	GOS 24	27	08	63	1016	4	GEORGES BANK	14	1	02	41 30.3	67 00.6	66	1
100	1222	GOS 24	27	08	63	1418	4	GEORGES BANK	14	1	02	41 40.4	67 15.8	48	1
100	1223	GOS 24	27	08	63	1524	4	GEORGES BANK	14	1	02	41 50.0	67 23.2	54	1
100	1224	GOS 24	30	08	63	0045	4	GULF OF MAINE	9	1	02	42 53.8	67 00.5	220	1
100	1225	GOS 24	30	08	63	0147	4	GULF OF MAINE	9	1	02	42 50.6	67 00.0	215	1
100	1226	GOS 24	30	08	63	0403	4	GULF OF MAINE	9	1	02	42 40.3	67 00.0	240	1
100	1227	GOS 24	30	08	63	0710	4	GULF OF MAINE	9	1	02	42 29.7	66 45.9	284	1
100	1228	GOS 24	30	08	63	1152	4	GULF OF MAINE	5	1	02	43 00.2	66 45.0	175	1
100	1229	GOS 24	30	08	63	1932	4	SOUTH OF CAPE SABLE	2	1	02	42 59.5	65 45.7	146	1
100	1230	GOS 24	30	08	63	2125	4	SOUTH OF CAPE SABLE	1	1	02	43 00.0	65 30.0	126	1
100	1231	GOS 24	31	08	63	0036	4	SOUTH OF CAPE SABLE	1	1	02	43 00.6	65 00.0	146	1
100	1232	GOS 24	31	08	63	0402	4	SOUTH OF CAPE SABLE	1	1	02	43 10.0	64 30.0	158	1
100	1233	GOS 24	31	08	63	0545	4	SOUTH OF CAPE SABLE	1	1	02	43 11.0	64 45.0	144	1
100	1234	GOS 24	31	08	63	0727	4	SOUTH OF CAPE SABLE	1	1	02	43 10.6	65 00.0	168	1
100	1235	GOS 24	31	08	63	0908	4	SOUTH OF CAPE SABLE	1	1	02	43 10.4	65 15.3	144	1
100	1236	GOS 24	31	08	63	1055	4	SOUTH OF CAPE SABLE	1	1	02	43 10.9	65 29.0	106	1
100	1237	GOS 24	31	08	63	1308	4	SOUTH OF CAPE SABLE	2	1	02	43 10.2	65 44.3	64	1
100	1238	GOS 24	31	08	63	1451	4	SOUTH OF NOVA SCOTIA	2	1	02	43 09.8	66 00.0	84	1
100	1239 A	GOS 24	31	08	63	1604	4	SOUTH OF NOVA SCOTIA	2	1	02	43 18.5	65 56.5	36	1
100	1239 B	GOS 24	31	08	63	1604	4	SOUTH OF NOVA SCOTIA	2	1	02	43 18.5	65 56.5	36	1
100	1240	GOS 24	31	08	63	1730	4	SOUTH OF NOVA SCOTIA	2	1	02	43 20.0	65 46.7	43	1
100	1241	GOS 24	31	08	63	1744	4	SOUTH OF NOVA SCOTIA	1	1	02	43 16.0	65 27.2	61	1
100	1242	GOS 24	31	08	63	2140	4	SOUTH OF NOVA SCOTIA	1	1	02	43 19.8	65 14.6	136	1
100	1243	GOS 24	31	08	63	2310	4	SOUTH OF NOVA SCOTIA	1	1	02	43 20.2	65 00.0	168	1
100	1244	GOS 24	01	09	63	0038	4	SOUTH OF NOVA SCOTIA	1	1	02	43 21.9	64 51.0	81	1
100	1245	GOS 24	01	09	63	0131	4	SOUTH OF NOVA SCOTIA	1	1	02	43 20.2	64 44.6	68	1
100	1246	GOS 24	01	09	63	0344	4	SOUTH OF NOVA SCOTIA	1	1	02	43 30.0	65 00.0	112	1
100	1247	GOS 24	01	09	63	0540	4	SOUTH OF NOVA SCOTIA	1	1	02	43 29.8	65 14.5	72	1
100	1248	GOS 24	02	09	63	0438	4	CONT SLOPE, N. SCOTIA	7	1	02	42 39.6	64 10.0	611	1
100	1249	GOS 24	02	09	63	0618	4	CONT SLOPE, N. SCOTIA	7	1	02	42 31.8	64 13.8	1241	1
100	1250	GOS 24	02	09	63	0813	4	CONT SLOPE, N. SCOTIA	7	1	02	42 23.7	64 14.0	1628	1
100	1251	GOS 24	02	09	63	1026	4	CONT SLOPE, N. SCOTIA	7	1	02	42 30.0	64 30.0	890	1
100	1252	GOS 24	02	09	63	1221	4	CONT SLOPE, N. SCOTIA	7	1	02	42 25.0	64 42.5	1015	1
100	1253 A	GOS 24	02	09	63	1423	4	CONT SLOPE, N. SCOTIA	7	1	02	42 16.0	64 39.0	1800	1
100	1253 B	GOS 24	02	09	63	1423	4	CONT SLOPE, N. SCOTIA	7	1	02	42 16.0	64 39.0	1800	1
100	1254	GOS 24	02	09	63	1620	4	CONT SLOPE, N. SCOTIA	7	1	02	42 09.0	64 44.8	1894	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1255 A	GOS 24	02	09	63	1712	4	CONT SLOPE, N. SCOTIA	7	1	02	42 08.0	64 53.0	1894	1
100	1255 B	GOS 24	02	09	63	1712	4	CONT SLOPE, N. SCOTIA	7	1	02	42 08.0	64 53.0	1894	1
100	1256	GOS 28	03	10	63	1459	4	BUZZARDS BAY	22	1	01	41 24.7	71 05.2	23	1
100	1257	GOS 28	03	10	63	1743	4	NE OF BLOCK ISLAND	22	1	01	41 17.8	71 21.3	25	1
100	1258	GOS 28	03	10	63	2300	4	SE OF BLOCK ISLAND	23	1	01	41 06.8	71 26.5	38	1
100	1259	GOS 28	04	10	63	0140	4	SW OF BLOCK ISLAND	23	1	01	41 00.8	71 40.2	45	1
100	1260	GOS 28	04	10	63	1430	4	S. OF BLOCK ISLAND	23	1	01	40 27.7	71 36.8	76	1
100	1261	GOS 28	04	10	63	1940	4	BLOCK CANYON	24	1	02	40 00.0	71 16.8	235	1
100	1262	GOS 28	04	10	63	2040	4	BLOCK CANYON	24	1	02	39 50.8	71 15.8	643	1
100	1263	GOS 28	05	10	63	0100	4	BLOCK CANYON	24	1	02	39 49.6	71 02.0	1040	1
100	1264	GOS 28	05	10	63	0430	4	W. OF BLOCK CANYON	24	1	02	40 00.8	70 47.5	254	1
100	1265	GOS 28	05	10	63	0720	4	W. OF BLOCK CANYON	24	1	02	39 50.3	70 45.6	896	1
100	1266	GOS 28	05	10	63	1040	4	W. OF BLOCK CANYON	24	1	02	39 57.8	70 27.6	270	1
100	1267	GOS 29	08	10	63	1652	4	SHELF SOUTH OF WHOI	23	1	02	40 34.0	70 38.2	68	1
100	1268	GOS 29	08	10	63	2220	4	SHELF SOUTH OF WHOI	24	1	02	40 00.4	70 30.1	316	1
100	1269	GOS 29	09	10	63	0038	4	SHELF SOUTH OF WHOI	24	1	02	39 50.0	70 30.1	842	1
100	1270 A	GOS 29	09	10	63	0330	4	SHELF SOUTH OF WHOI	24	1	02	40 01.1	70 15.6	266	1
100	1270 B	GOS 29	09	10	63	0330	4	SHELF SOUTH OF WHOI	24	1	02	40 01.1	70 15.6	266	1
100	1271	GOS 29	09	10	63	0459	4	SHELF SOUTH OF WHOI	24	1	02	39 51.0	70 16.6	807	1
100	1272	GOS 29	09	10	63	1503	4	SHELF SOUTH OF WHOI	24	1	02	39 54.5	70 04.2	474	1
100	1273	GOS 29	09	10	63	1900	4	SHELF SOUTH OF WHOI	24	1	02	39 53.0	69 45.2	450	1
100	1274	GOS 29	09	10	63	•	4	SHELF SOUTH OF WHOI	24	1	02	39 52.0	69 36.3	175	2
100	1275	GOS 29	10	10	63	1200	4	SHELF S. OF LONG IS.	23	1	02	40 40.2	71 45.5	59	1
100	1276	GOS 29	10	10	63	1330	4	SHELF S. OF LONG IS.	25	1	02	40 40.8	72 00.6	51	1
100	1277	GOS 29	10	10	63	1509	4	SHELF S. OF LONG IS.	25	1	02	40 40.7	72 16.0	53	1
100	1278	GOS 29	10	10	63	1718	4	SHELF S. OF LONG IS.	25	1	02	40 40.5	72 30.3	38	1
100	1279	GOS 29	10	10	63	1839	4	SHELF S. OF LONG IS.	25	1	02	40 30.7	72 30.0	44	1
100	1280	GOS 29	10	10	63	2011	4	SHELF S. OF LONG IS.	25	1	02	40 30.0	72 16.1	49	1
100	1281 A	GOS 29	10	10	63	2210	4	SHELF S. OF LONG IS.	25	1	02	40 30.4	72 00.5	54	1
100	1281 B	GOS 29	10	10	63	2210	4	SHELF S. OF LONG IS.	25	1	02	40 30.4	72 00.5	54	1
100	1282	GOS 29	10	10	63	2329	4	SHELF S. OF LONG IS.	25	1	02	40 21.5	72 01.6	57	1
100	1283	GOS 29	11	10	63	0057	4	SHELF S. OF LONG IS.	25	1	02	40 21.5	72 15.7	61	1
100	1284	GOS 29	11	10	63	0237	4	SHELF S. OF LONG IS.	25	1	02	40 20.9	72 30.3	52	1
100	1285	GOS 29	11	10	63	0412	4	SHELF S. OF LONG IS.	25	1	02	40 20.9	72 44.8	52	1
100	1286	GOS 29	11	10	63	0604	4	SHELF S. OF LONG IS.	25	1	02	40 19.9	73 00.9	41	1
100	1287	GOS 29	11	10	63	0746	4	SHELF S. OF LONG IS.	25	1	02	40 20.0	73 15.0	36	1
100	1288 A	GOS 29	11	10	63	0932	4	SHELF S. OF LONG IS.	25	1	02	40 19.9	73 29.4	31	1
100	1288 B	GOS 29	11	10	63	0932	4	SHELF S. OF LONG IS.	25	1	02	40 19.9	73 29.4	31	1
100	1289	GOS 29	11	10	63	1057	4	SHELF S. OF LONG IS.	25	1	02	40 10.6	73 29.8	38	1
100	1290	GOS 29	11	10	63	1235	4	SHELF S. OF LONG IS.	25	1	02	40 10.6	73 16.2	40	1
100	1291	GOS 29	11	10	63	1415	4	SHELF S. OF LONG IS.	25	1	02	40 11.5	73 01.3	47	1
100	1292	GOS 29	11	10	63	1600	4	SHELF S. OF LONG IS.	25	1	02	40 10.6	72 46.0	55	1
100	1293	GOS 29	11	10	63	1740	4	SHELF EAST OF N.J.	25	1	02	40 10.3	72 30.3	64	1
100	1294	GOS 29	11	10	63	1925	4	SHELF EAST OF N.J.	25	1	02	40 10.2	72 14.1	70	1
100	1295	GOS 29	11	10	63	2056	4	SHELF EAST OF N.J.	25	1	02	40 09.9	72 00.4	67	1
100	1296	GOS 29	12	10	63	0324	4	SHELF EAST OF N.J.	25	1	02	40 01.0	72 30.0	69	1
100	1297	GOS 29	12	10	63	0606	4	SHELF EAST OF N.J.	25	1	02	39 59.4	72 45.4	56	1
100	1298	GOS 29	12	10	63	0806	4	SHELF EAST OF N.J.	25	1	02	40 00.0	73 00.4	51	1
100	1299	GOS 29	12	10	63	1020	4	SHELF EAST OF N.J.	25	1	02	40 00.6	73 14.6	50	1
100	1300	GOS 29	12	10	63	1337	4	SHELF EAST OF N.J.	27	1	02	40 00.8	73 30.2	45	1
100	1301	GOS 29	12	10	63	1550	4	SHELF EAST OF N.J.	27	1	02	40 01.2	73 45.0	36	1
100	1302	GOS 29	12	10	63	1720	4	SHELF EAST OF N.J.	27	1	02	39 51.0	73 45.0	37	1
100	1303	GOS 29	12	10	63	1905	4	SHELF EAST OF N.J.	27	1	02	39 51.1	73 29.7	40	1
100	1304	GOS 29	12	10	63	2048	4	SHELF EAST OF N.J.	27	1	02	39 50.2	73 14.7	46	1
100	1305	GOS 29	12	10	63	2245	4	SHELF EAST OF N.J.	27	1	02	39 50.5	73 00.6	79	1
100	1306	GOS 29	13	10	63	0111	4	SHELF EAST OF N.J.	25	1	02	39 51.3	72 46.0	55	1
100	1307	GOS 29	13	10	63	0326	4	SHELF EAST OF N.J.	25	1	02	39 50.0	72 30.0	64	1
100	1308	GOS 29	13	10	63	0501	4	SHELF EAST OF N.J.	27	1	02	39 40.0	72 30.0	86	1
100	1309	GOS 29	13	10	63	0738	4	SHELF EAST OF N.J.	27	1	02	39 39.6	72 45.0	72	1
100	1310	GOS 29	13	10	63	0942	4	SHELF EAST OF N.J.	27	1	02	39 41.0	73 00.9	64	1
100	1311	GOS 29	13	10	63	1150	4	SHELF EAST OF N.J.	27	1	02	39 41.8	73 15.0	44	1
100	1312 A	GOS 29	13	10	63	1332	4	SHELF EAST OF N.J.	27	1	02	39 41.4	73 31.1	41	2
100	1312 B	GOS 29	13	10	63	1332	4	SHELF EAST OF N.J.	27	1	02	39 41.4	73 31.1	41	2
100	1313	GOS 29	13	10	63	1500	4	SHELF EAST OF N.J.	27	2	02	39 40.6	73 45.0	23	2
100	1314	GOS 29	13	10	63	1700	4	SHELF EAST OF N.J.	27	2	02	39 30.8	73 59.3	22	3
100	1315	GOS 29	13	10	63	1830	4	SHELF EAST OF N.J.	27	2	02	39 29.8	74 14.4	14	1
100	1316	GOS 29	13	10	63	2005	4	SHELF EAST OF N.J.	27	2	02	39 20.8	74 13.8	20	1
100	1317	GOS 29	13	10	63	2203	4	SHELF EAST OF N.J.	27	2	02	39 20.8	74 00.4	30	1
100	1318	GOS 29	13	10	63	2340	4	SHELF EAST OF N.J.	27	2	02	39 20.7	73 45.2	32	1
100	1319	GOS 29	14	10	63	0149	4	SHELF EAST OF N.J.	27	2	02	39 20.4	73 30.6	48	1
100	1320	GOS 29	14	10	63	0342	4	SHELF EAST OF N.J.	27	2	02	39 20.4	73 15.5	55	1
100	1321	GOS 29	14	10	63	0526	4	SHELF EAST OF N.J.	27	1	02	39 20.3	73 00.6	71	1
100	1322	GOS 29	14	10	63	0704	4	SHELF EAST OF N.J.	27	1	02	39 20.1	72 45.8	84	1
100	1323	GOS 29	14	10	63	0900	4	SHELF EAST OF N.J.	27	1	02	39 20.2	72 29.5	139	1
100	1324 A	GOS 29	14	10	63	1045	4	SHELF EAST OF N.J.	28	1	02	39 19.7	72 18.0	178	1
100	1324 B	GOS 29	14	10	63	1045	4	SHELF EAST OF N.J.	28	1	02	39 19.7	72 18.0	178	1
100	1325	GOS 29	14	10	63	1203	4	SHELF EAST OF N.J.	28	1	02	39 20.4	72 09.3	450	1
100	1326	GOS 29	14	10	63	1310	4	HUDSON CANYON AREA	28	1	02	39 20.6	72 06.5	952	1
100	1327	GOS 29	14	10	63	1545	4	HUDSON CANYON AREA	28	1	02	39 19.0	72 03.6	1600	1
100	1328	GOS 29	14	10	63	1720	4	HUDSON CANYON AREA	28	1	02	39 19.0	72 01.0	1850	1
100	1329 A	GOS 29	14	10	63	1857	4	HUDSON CANYON AREA	28	1	02	39 18.8	71 58.0	1525	1
100	1329 B	GOS 29	14	10	63	1857	4	HUDSON CANYON AREA	28	1	02	39 18.8	71 58.0	1525	1
100	1330	GOS 29	14	10	63	2023	4	HUDSON CANYON AREA	28	1	02	39 19.2	71 51.0	1604	1
100	1331	GOS 29	14	10	63	2219	4	HUDSON CANYON AREA	28	1	02	39 14.3	71 50.8	2069	1
100	1332	GOS 29	15	10	63	0117	4	HUDSON CANYON AREA	29	1	02	39 11.0	71 48.6	2330	1
100	1333	GOS 29	15	10	63	0840	4	HUDSON CANYON AREA	28	1	02	39 10.4	72 01.3	1785	1
100	1334	GOS 29	15	10	63	1117	4	SLOPE NEAR HUDSON CN.	28	1	02	39 10.7	72 14.6	930	1
100	1335	GOS 29	15	10	63	1325	4	SLOPE NEAR HUDSON CN.	28	1	02	39 10.4	72 29.4	406	1
100	1336	GOS 29	15	10	63	1500	4	SHELF EAST OF N.J.	27	1	02	39 09.5	72 41.9	180	1
100	1337	GOS 29	15	10	63	1709	4	SHELF EAST OF N.J.	27	2	02	39 10.2	73 00.3	70	1

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CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1338	GOS 29	15 10 63	1831	4	SHELF EAST OF N.J.	27	2	02	39 01.0	73 01.0	80	1
100	1339	GOS 29	15 10 63	2048	4	SHELF EAST OF N.J.	27	2	02	39 00.8	73 15.0	69	1
100	1340	GOS 29	15 10 63	2207	4	SHELF EAST OF N.J.	27	2	02	39 10.0	73 15.0	62	1
100	1341	GOS 29	15 10 63	2356	4	SHELF EAST OF N.J.	27	2	02	39 10.4	73 31.0	47	1
100	1342	GOS 29	16 10 63	0125	4	SHELF EAST OF N.J.	27	2	02	39 01.2	73 30.0	54	1
100	1343	GOS 29	16 10 63	0334	4	SHELF EAST OF N.J.	27	2	02	39 10.9	73 45.0	38	1
100	1344	GOS 29	16 10 63	0532	4	SHELF EAST OF N.J.	27	2	02	39 10.3	74 00.1	28	1
100	1345	GOS 29	16 10 63	0723	4	SHELF EAST OF N.J.	27	2	02	39 09.9	74 14.6	21	1
100	1346	GOS 29	16 10 63	0903	4	SHELF EAST OF N.J.	27	2	02	39 09.3	74 31.1	23	1
100	1347	GOS 29	16 10 63	1034	4	SHELF EAST OF N.J.	27	2	02	39 00.0	74 30.3	25	1
100	1348	GOS 29	18 10 63	1520	4	SHELF EAST OF N.J.	27	2	02	39 00.0	74 15.1	28	1
100	1349	GOS 29	18 10 63	1706	4	SHELF EAST OF N.J.	27	2	02	38 49.5	74 15.3	40	1
100	1350	GOS 29	18 10 63	2027	4	SHELF EAST OF N.J.	27	2	02	38 49.9	74 00.0	46	1
100	1351	GOS 29	18 10 63	2208	4	SHELF EAST OF N.J.	27	2	02	39 00.5	74 00.4	38	1
100	1352	GOS 29	18 10 63	2356	4	SHELF EAST OF N.J.	27	2	02	39 59.8	73 45.1	42	1
100	1353	GOS 29	19 10 63	0115	4	SHELF EAST OF N.J.	27	2	02	38 52.4	73 45.4	44	1
100	1354	GOS 29	19 10 63	0309	4	SHELF EAST OF N.J.	27	2	02	38 51.2	73 31.6	62	1
100	1355 A	GOS 29	19 10 63	0516	4	SHELF EAST OF N.J.	27	2	02	38 49.1	73 15.4	81	1
100	1355 B	GOS 29	19 10 63	0516	4	SHELF EAST OF N.J.	27	2	02	38 49.1	73 15.4	81	1
100	1356	GOS 29	19 10 63	0718	4	SHELF EAST OF N.J.	28	2	02	38 50.1	73 00.0	102	1
100	1357	GOS 29	19 10 63	0830	4	SHELF EAST OF N.J.	28	2	02	38 50.8	72 53.8	564	1
100	1358	GOS 29	19 10 63	1003	4	SHELF EAST OF N.J.	28	2	02	38 42.4	73 01.1	450	1
100	1359	GOS 29	19 10 63	1156	4	SHELF EAST OF N.J.	27	2	02	38 40.3	73 16.0	88	1
100	1360 A	GOS 29	19 10 63	1335	4	EAST OF DELAWARE BAY	27	2	02	38 39.5	73 29.7	69	1
100	1360 B	GOS 29	19 10 63	1335	4	EAST OF DELAWARE BAY	27	2	02	38 39.5	73 29.7	69	1
100	1361	GOS 29	19 10 63	1525	4	EAST OF DELAWARE BAY	27	2	02	38 40.5	73 46.1	54	1
100	1362	GOS 29	19 10 63	1758	4	EAST OF DELAWARE BAY	27	2	02	38 40.3	74 00.3	49	1
100	1363	GOS 29	19 10 63	2022	4	EAST OF DELAWARE BAY	27	2	02	38 30.2	73 45.8	64	1
100	1364	GOS 29	19 10 63	2220	4	EAST OF DELAWARE BAY	27	2	02	38 30.8	73 30.5	79	1
100	1365	GOS 29	19 10 63	2315	4	EAST OF DELAWARE BAY	27	2	02	38 31.0	73 25.9	89	1
100	1366	GOS 29	20 10 63	0015	4	EAST OF DELAWARE BAY	28	2	02	38 31.0	73 19.5	114	1
100	1367	GOS 29	20 10 63	0140	4	EAST OF DELAWARE BAY	28	2	02	38 30.8	73 14.5	455	1
100	1368 A	GOS 29	20 10 63	0246	4	EAST OF DELAWARE BAY	28	2	02	38 30.7	73 10.8	980	1
100	1368 B	GOS 29	20 10 63	0246	4	EAST OF DELAWARE BAY	28	2	02	38 30.7	73 10.8	980	1
100	1369 A	GOS 29	24 10 63	2219	4	SHELF EAST OF N.J.	28	2	02	39 00.8	72 49.2	124	1
100	1369 B	GOS 29	24 10 63	2219	4	SHELF EAST OF N.J.	28	2	02	39 00.8	72 49.2	124	1
100	1370	GOS 29	25 10 63	0011	4	SHELF EAST OF N.J.	28	2	02	39 01.0	72 35.5	919	1
100	1371	GOS 29	25 10 63	0200	4	SHELF EAST OF N.J.	28	2	02	39 03.8	72 40.0	446	1
100	1372	GOS 29	25 10 63	0607	4	SHELF EAST OF N.J.	27	1	02	39 30.8	72 31.1	96	1
100	1373	GOS 29	25 10 63	0748	4	SHELF EAST OF N.J.	27	1	02	39 30.6	72 45.8	65	1
100	1374	GOS 29	25 10 63	0925	4	SHELF EAST OF N.J.	27	1	02	39 30.5	73 01.2	69	1
100	1375	GOS 29	25 10 63	1057	4	SHELF EAST OF N.J.	27	1	02	39 31.2	73 15.8	38	1
100	1376	GOS 29	25 10 63	1234	4	SHELF EAST OF N.J.	27	2	02	39 31.2	73 30.5	39	1
100	1377	GOS 29	25 10 63	1400	4	SHELF EAST OF N.J.	27	2	02	39 31.0	73 45.3	28	1
100	1378	GOS 29	25 10 63	1542	4	SHELF EAST OF N.J.	27	2	02	39 37.9	73 59.0	24	1
100	1379	GOS 29	25 10 63	1700	4	SHELF EAST OF N.J.	27	2	02	39 44.8	74 02.4	13	1
100	1380	GOS 29	25 10 63	1817	4	SHELF EAST OF N.J.	27	1	02	39 55.0	73 59.6	19	1
100	1381	GOS 29	25 10 63	1939	4	SHELF EAST OF N.J.	27	1	02	40 05.5	73 59.5	23	1
100	1382 A	GOS 29	25 10 63	2055	4	SHELF EAST OF N.J.	27	1	02	40 09.5	73 49.0	27	1
100	1382 B	GOS 29	25 10 63	2055	4	SHELF EAST OF N.J.	27	1	02	40 09.5	73 49.0	27	1
100	1383	GOS 29	25 10 63	2138	4	SHELF EAST OF N.J.	27	1	02	40 12.0	73 44.7	59	1
100	1384	GOS 29	25 10 63	2212	4	SHELF EAST OF N.J.	25	1	02	40 14.5	73 43.8	37	1
100	1385	GOS 29	25 10 63	2305	4	SHELF EAST OF N.J.	25	1	02	40 19.7	73 41.0	28	1
100	1386	GOS 29	26 10 63	0038	4	SHELF EAST OF N.J.	25	1	02	40 31.4	73 36.2	21	1
100	1387	GOS 29	26 10 63	0125	4	SHELF S. OF LONG IS.	25	1	02	40 30.3	73 30.8	20	1
100	1388	GOS 29	26 10 63	0305	4	SHELF S. OF LONG IS.	25	1	02	40 30.5	73 14.4	30	1
100	1389	GOS 29	26 10 63	0358	4	SHELF S. OF LONG IS.	25	1	02	40 35.9	73 10.0	22	1
100	1390	GOS 29	26 10 63	0525	4	SHELF S. OF LONG IS.	25	1	02	40 29.6	72 58.4	40	1
100	1391	GOS 29	26 10 63	0639	4	SHELF S. OF LONG IS.	25	1	02	40 38.6	72 59.1	21	1
100	1392	GOS 29	26 10 63	0823	4	SHELF S. OF LONG IS.	25	1	02	40 31.3	72 45.4	40	1
100	1393	GOS 29	26 10 63	0947	4	SHELF S. OF LONG IS.	25	1	01	40 39.8	72 45.9	31	1
100	1394	GOS 29	26 10 63	1025	4	SHELF S. OF LONG IS.	25	1	02	40 43.9	72 44.1	23	1
100	1395	GOS 29	26 10 63	1200	4	SHELF S. OF LONG IS.	25	1	02	40 48.0	72 30.2	23	1
100	1396	GOS 29	26 10 63	1222	4	SHELF S. OF LONG IS.	25	1	02	40 48.2	72 26.0	28	1
100	1397	GOS 29	26 10 63	1345	4	SHELF S. OF LONG IS.	25	1	02	40 51.6	72 15.0	30	1
100	1398	GOS 29	26 10 63	1515	4	SHELF S. OF LONG IS.	25	1	02	40 50.5	72 00.1	39	1
100	1399	GOS 29	26 10 63	1650	4	SHELF S. OF LONG IS.	25	1	02	40 58.5	71 53.6	25	1
100	1400	GOS 29	26 10 63	1858	4	SHELF S. OF LONG IS.	23	1	02	40 50.1	71 44.0	54	1
100	1401	GOS 33	27 11 63	0924	5	CAPE ROMAIN, S.C.	47	2	02	32 34.8	78 01.0	270	1
100	1402	GOS 33	27 11 63	1208	5	CAPE ROMAIN, S.C.	46	2	02	32 43.2	78 09.5	181	1
100	1403	GOS 33	27 11 63	1329	5	CAPE ROMAIN, S.C.	46	2	02	32 47.5	78 14.1	146	1
100	1404	GOS 33	27 11 63	1425	5	CAPE ROMAIN, S.C.	45	2	02	32 49.4	78 16.1	75	1
100	1405	GOS 33	27 11 63	1454	5	CAPE ROMAIN, S.C.	45	2	02	32 49.6	78 16.4	58	1
100	1406	GOS 33	27 11 63	1538	5	CAPE ROMAIN, S.C.	45	2	02	32 50.5	78 18.3	40	1
100	1407	AST 1	22 04 64	1235	5	NANTUCKET SOUND	19	1	03	41 33.5	70 21.6	18	1
100	1408	AST 1	22 04 64	1435	5	NANTUCKET SOUND	19	1	01	41 37.0	70 07.3	7	1
100	1409	AST 1	22 04 64	1715	5	NANTUCKET SOUND	19	1	01	41 22.6	70 10.7	13	1
100	1410	AST 1	23 04 64	0915	5	EAST OF NANTUCKET	18	1	01	41 23.2	69 58.0	12	1
100	1411	AST 1	23 04 64	1040	5	EAST OF NANTUCKET	18	1	03	41 13.5	69 55.6	19	1
100	1412	AST 1	23 04 64	1425	5	NANTUCKET SOUND	19	1	01	41 23.0	70 23.8	13	1
100	1413	AST 1	22 04 64	0900	5	WH HARBOR,INNER RANGE	19	1	01	41 31.5	70 40.6	9	1
100	1414	AST 2	12 05 64	1000	4	WH HARBOR	19	1	01	41 31.3	70 40.81	9	1
100	1415	GOS 45	16 05 64	1524	4	EAST OF CAPE MAY	27	2	02	38 30.0	74 00.0	57	1
100	1416	GOS 45	16 05 64	1650	4	EAST OF CAPE MAY	27	2	02	38 19.7	73 59.5	66	1
100	1417	GOS 45	16 05 64	1857	4	E. OF DELAWARE BAY	34	2	02	38 10.0	74 14.9	41	1
100	1418	GOS 45	16 05 64	2130	4	E. OF DELAWARE BAY	34	2	02	37 59.0	74 28.5	49	1
100	1419	GOS 45	16 05 64	2252	4	E. OF DELAWARE BAY	34	2	02	37 50.7	74 31.3	58	1
100	1420	GOS 45	17 05 64	0110	4	E. OF CAPE CHARLES	34	2	02	37 39.2	74 41.9	49	1
100	1421	GOS 45	17 05 64	0234	4	E. OF CAPE CHARLES	34	2	02	37 29.5	74 44.2	49	1
100	1422	GOS 45	17 05 64	0455	4	E. OF CAPE CHARLES	34	2	02	37 19.7	74 59.5	38	1

M306 05902

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1423	G0S 45	17 05 64	0615	4	E. OF CAPE HENRY	34	2	02	37 04.5	75 00.6	38	1
100	1424	G0S 45	17 05 64	0718	4	E. OF CAPE CHARLES	38	2	02	37 08.4	74 59.7	44	1
100	1425	G0S 45	17 05 64	0900	4	E. OF CAPE HENRY	38	2	02	36 44.8	74 58.8	36	1
100	1426	G0S 45	17 05 64	1030	4	E. OF CAPE HENRY	38	2	02	36 38.8	74 57.5	32	1
100	1427	G0S 45	17 05 64	1235	4	E. OF CAPE HENRY	38	2	02	36 30.2	75 15.2	32	1
100	1428 A	G0S 45	17 05 64	1350	4	E. OF CAPE HENRY	38	2	02	36 20.3	75 14.4	32	1
100	1428 B	G0S 45	17 05 64	1350	4	E. OF CAPE HENRY	38	2	02	36 20.3	75 14.4	32	1
100	1429	G0S 45	17 05 64	1522	4	E. OF ALBEMARLE SOUND	38	2	02	36 09.6	75 15.0	27	1
100	1430	G0S 45	17 05 64	1645	4	E. OF ALBEMARLE SOUND	38	2	02	35 59.6	75 14.0	35	1
100	1431	G0S 45	17 05 64	1840	4	E. OF ALBEMARLE SOUND	38	2	02	35 51.3	75 14.6	32	1
100	1432	G0S 45	17 05 64	2015	4	NE OF CAPE HATTERAS	38	2	02	35 40.2	75 14.8	34	1
100	1433	G0S 45	17 05 64	2145	4	NE OF CAPE HATTERAS	38	2	02	35 30.5	75 15.2	30	1
100	1434	G0S 45	17 05 64	2310	4	E. OF CAPE HATTERAS	38	2	02	35 20.0	75 15.3	25	1
100	1435	G0S 45	18 05 64	0050	4	OFF CAPE HATTERAS	38	2	02	35 10.5	75 14.8	27	1
100	1436	G0S 45	18 05 64	0220	4	OFF CAPE HATTERAS	38	2	02	35 06.5	75 21.1	26	1
100	1437	G0S 45	18 05 64	0440	4	OFF CAPE HATTERAS	43	2	02	34 59.2	75 31.0	44	1
100	1438	G0S 45	18 05 64	0710	4	OFF CAPE HATTERAS	43	2	02	34 55.5	75 43.8	27	1
100	1439	G0S 45	18 05 64	0915	4	S. OF CAPE HATTERAS	43	2	02	34 57.6	76 00.0	20	1
100	1440	G0S 45	18 05 64	1040	4	S. OF CAPE HATTERAS	43	2	02	34 50.0	75 59.8	28	1
100	1441 A	G0S 45	18 05 64	1220	4	S. OF CAPE HATTERAS	43	2	02	34 51.0	76 13.8	18	1
100	1441 B	G0S 45	18 05 64	1220	4	S. OF CAPE HATTERAS	43	2	02	34 51.0	76 13.8	18	1
100	1442	G0S 45	18 05 64	1331	4	S. OF CAPE HATTERAS	43	2	02	34 40.0	76 15.1	27	1
100	1443 A	G0S 45	18 05 64	1506	4	OFF CAPE LOOKOUT	43	2	02	34 29.5	76 17.0	32	1
100	1443 B	G0S 45	18 05 64	1506	4	OFF CAPE LOOKOUT	43	2	02	34 29.5	76 17.0	32	1
100	1444	G0S 45	18 05 64	1640	4	OFF CAPE LOOKOUT	43	2	02	34 20.0	76 15.7	24	1
100	1445	G0S 45	18 05 64	1840	4	OFF CAPE LOOKOUT	43	2	02	34 19.8	76 30.6	27	1
100	1446	G0S 45	18 05 64	2020	4	OFF CAPE LOOKOUT	43	2	02	34 21.4	76 46.6	25	1
100	1447	G0S 45	18 05 64	2145	4	OFF BEAUFORT INLET	43	2	02	34 29.4	76 46.1	22	1
100	1448	G0S 45	18 05 64	2325	4	N. OF CAPE FEAR	43	2	02	34 29.8	77 01.5	18	1
100	1449	G0S 45	19 05 64	0059	4	N. OF CAPE FEAR	43	2	02	34 17.6	77 00.9	27	1
100	1450	G0S 45	19 05 64	0225	4	N. OF CAPE FEAR	43	2	02	34 19.2	77 13.9	22	1
100	1451	G0S 45	19 05 64	0343	4	N. OF CAPE FEAR	43	2	02	34 10.2	77 15.0	25	1
100	1452	G0S 45	19 05 64	0530	4	N. OF CAPE FEAR	43	2	02	34 09.0	77 29.2	20	1
100	1453	G0S 45	19 05 64	0700	4	N. OF CAPE FEAR	43	2	02	34 00.0	77 30.0	22	1
100	1454	G0S 45	19 05 64	0835	4	SHELF OFF CAPE FEAR	43	2	02	33 59.2	77 44.0	15	1
100	1455	G0S 45	19 05 64	0949	4	SHELF OFF CAPE FEAR	43	2	02	33 49.9	77 44.5	19	1
100	1456	G0S 45	19 05 64	1134	4	SHELF OFF CAPE FEAR	43	2	02	33 40.6	77 30.0	27	1
100	1457	G0S 45	19 05 64	1305	4	SHELF OFF CAPE FEAR	43	2	02	33 40.6	77 30.3	29	1
100	1458	G0S 45	19 05 64	1433	4	SHELF OFF CAPE FEAR	43	2	02	33 39.9	77 45.1	17	1
100	1459	G0S 45	19 05 64	1529	4	SHELF OFF CAPE FEAR	45	2	02	33 34.4	77 41.1	15	1
100	1460	G0S 45	19 05 64	1622	4	SHELF OFF CAPE FEAR	45	2	02	33 30.0	77 45.0	22	1
100	1461	G0S 45	19 05 64	1832	4	SHELF OFF CAPE FEAR	45	2	02	33 30.0	77 59.1	23	1
100	1462	G0S 45	19 05 64	2015	4	SHELF OFF CAPE FEAR	45	2	02	33 20.5	78 15.0	22	1
100	1463	G0S 45	19 05 64	2140	4	SHELF OFF LONG BAY	45	2	02	33 41.1	78 16.0	16	1
100	1464	G0S 45	19 05 64	2330	4	SHELF OFF LONG BAY	45	2	02	33 41.7	78 30.7	16	1
100	1465 A	G0S 45	20 05 64	0107	4	SHELF OFF LONG BAY	45	2	02	33 30.0	78 30.1	20	1
100	1465 B	G0S 45	20 05 64	0107	4	SHELF OFF LONG BAY	45	2	02	33 30.0	78 30.1	20	1
100	1466	G0S 45	20 05 64	0240	4	SHELF OFF LONG BAY	45	2	02	33 29.8	78 44.3	18	1
100	1467	G0S 45	20 05 64	0401	4	SHELF OFF LONG BAY	45	2	02	33 20.6	78 45.0	19	1
100	1468	G0S 45	20 05 64	0530	4	SHELF OFF LONG BAY	45	2	02	33 20.0	78 30.0	20	1
100	1469	G0S 45	20 05 64	0655	4	SHELF OFF LONG BAY	45	2	02	33 09.7	78 30.1	21	1
100	1470	G0S 45	20 05 64	0830	4	SHELF OFF LONG BAY	45	2	02	33 10.4	78 45.0	22	1
100	1471	G0S 45	20 05 64	1018	4	SHELF OFF LONG BAY	45	2	02	33 09.5	79 00.0	10	1
100	1472	G0S 45	20 05 64	1140	4	SHELF OFF LONG BAY	45	2	02	32 59.0	78 59.6	16	1
100	1473	G0S 45	20 05 64	1320	4	SHELF OFF S. CAROLINA	45	2	02	32 59.1	78 45.0	26	1
100	1474	G0S 45	20 05 64	1414	4	SHELF OFF S. CAROLINA	45	2	02	32 49.3	78 44.4	32	1
100	1475	G0S 45	20 05 64	1640	4	SHELF OFF S. CAROLINA	45	2	02	32 49.6	79 00.4	24	1
100	1476	G0S 45	20 05 64	1905	4	SHELF OFF S. CAROLINA	45	3	02	32 49.3	79 14.4	13	1
100	1477	G0S 45	20 05 64	2058	4	SHELF OFF S. CAROLINA	45	3	02	32 39.6	79 13.3	27	1
100	1478	G0S 45	20 05 64	2300	4	SHELF OFF S. CAROLINA	45	3	02	32 38.5	79 29.4	12	1
100	1479	G0S 45	21 05 64	0028	4	SHELF OFF S. CAROLINA	45	3	02	32 29.6	79 30.1	20	1
100	1480	G0S 45	21 05 64	0216	4	SHELF OFF S. CAROLINA	45	3	02	32 29.6	79 45.8	20	1
100	1481	G0S 45	21 05 64	0345	4	SHELF OFF S. CAROLINA	45	3	02	32 20.0	79 46.1	25	1
100	1482	G0S 45	21 05 64	0550	4	SHELF OFF S. CAROLINA	50	3	02	32 19.6	80 02.3	16	1
100	1483	G0S 45	21 05 64	0720	4	SHELF OFF S. CAROLINA	50	3	02	32 20.0	80 13.5	13	1
100	1484	G0S 45	21 05 64	0840	4	SHELF OFF S. CAROLINA	50	3	02	32 09.6	80 16.1	15	1
100	1485	G0S 45	21 05 64	1005	4	SHELF OFF S. CAROLINA	50	3	02	31 58.8	80 14.8	21	1
100	1486 A	G0S 45	21 05 64	1135	4	SHELF OFF GEORGIA	50	3	02	31 58.2	80 30.0	18	1
100	1486 B	G0S 45	21 05 64	1135	4	SHELF OFF GEORGIA	50	3	02	31 58.2	80 30.0	18	1
100	1487	G0S 45	21 05 64	1255	4	SHELF OFF GEORGIA	50	3	02	31 51.0	80 27.6	18	1
100	1488 A	G0S 45	21 05 64	1435	4	SHELF OFF GEORGIA	50	3	02	31 50.5	80 45.0	17	1
100	1488 B	G0S 45	21 05 64	1435	4	SHELF OFF GEORGIA	50	3	02	31 50.5	80 45.0	17	1
100	1488 C	G0S 45	21 05 64	1435	4	SHELF OFF GEORGIA	50	3	02	31 50.5	80 45.0	17	1
100	1489	G0S 45	21 05 64	1551	4	SHELF OFF GEORGIA	50	3	02	31 41.0	80 45.0	17	1
100	1490	G0S 45	21 05 64	1720	4	SHELF OFF GEORGIA	50	3	02	31 29.4	80 46.0	20	1
100	1491	G0S 45	21 05 64	1910	4	SHELF OFF GEORGIA	50	3	02	31 30.7	80 59.3	13	1
100	1492	G0S 45	21 05 64	2034	4	SHELF OFF GEORGIA	50	3	02	31 20.4	81 01.0	15	1
100	1493	G0S 45	21 05 64	2200	4	SHELF OFF GEORGIA	50	3	02	31 09.3	81 00.7	14	1
100	1494	G0S 45	21 05 64	2320	4	SHELF OFF GEORGIA	50	3	02	30 59.5	80 59.8	19	1
100	1495	G0S 45	22 05 64	0100	4	SHELF OFF GEORGIA	50	3	02	30 59.5	81 13.5	16	1
100	1496	G0S 45	22 05 64	0216	4	SHELF OFF GEORGIA	53	3	02	30 50.1	81 13.4	15	1
100	1497	G0S 45	22 05 64	0350	4	SHELF OFF GEORGIA	50	3	02	30 50.0	81 00.0	18	1
100	1498	G0S 45	22 05 64	0515	4	SHELF OFF GEORGIA	53	3	02	30 40.2	81 00.2	20	1
100	1499	G0S 45	22 05 64	0650	4	SHELF OFF GEORGIA	53	3	02	30 39.6	81 13.7	19	1
100	1500	G0S 45	22 05 64	0820	4	SHELF OFF N. FLORIDA	53	3	02	30 29.6	81 15.3	17	1
100	1501	G0S 45	22 05 64	1006	4	SHELF OFF N. FLORIDA	53	3	02	30 29.0	81 00.0	26	1
100	1502	G0S 45	22 05 64	1126	4	SHELF OFF N. FLORIDA	53	3	02	30 18.7	80 58.6	21	1
100	1503 A	G0S 45	22 05 64	1327	4	SHELF OFF N. FLORIDA	53	3	02	30 19.8	81 15.0	12	1
100	1503 B	G0S 45	22 05 64	1327	4	SHELF OFF N. FLORIDA	53	3	02	30 19.8	81 15.0	12	1
100	1504	G0S 45	22 05 64	1418	4	SHELF OFF N. FLORIDA	53	3	02	30 15.3	81 19.6	15	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1505	G0S 45	22	05	64	1525	4	SHELF 0FF N. FLORIDA	53	3	02	30 09.9	81 12.8	15	1
100	1506	G0S 45	22	05	64	1715	4	SHELF 0FF N. FLORIDA	53	3	02	30 10.0	81 01.2	21	1
100	1507	G0S 45	22	05	64	1940	4	SHELF 0FF N. FLORIDA	53	3	02	29 59.0	81 02.3	22	1
100	1508 A	G0S 45	22	05	64	2100	4	SHELF 0FF N. FLORIDA	53	3	02	30 00.0	81 15.0	19	1
100	1508 B	G0S 45	22	05	64	2100	4	SHELF 0FF N. FLORIDA	53	3	02	30 00.0	81 15.0	19	1
100	1509 A	G0S 45	22	05	64	2232	4	SHELF 0FF N. FLORIDA	53	3	02	29 50.1	81 13.9	17	1
100	1509 B	G0S 45	22	05	64	2232	4	SHELF 0FF N. FLORIDA	53	3	02	29 50.1	81 13.9	17	1
100	1510	G0S 45	23	05	64	0020	4	SHELF 0FF N. FLORIDA	53	3	02	29 49.9	80 59.5	22	1
100	1511	G0S 45	23	05	64	0205	4	SHELF 0FF N. FLORIDA	53	3	02	29 49.2	80 46.0	32	1
100	1512	G0S 45	23	05	64	0338	4	SHELF 0FF N. FLORIDA	53	3	02	29 39.3	80 46.2	28	1
100	1513	G0S 45	23	05	64	0515	4	SHELF 0FF N. FLORIDA	53	3	02	29 39.5	81 00.0	18	1
100	1514 A	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	39	1
100	1514 B	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	12	1
100	1514 C	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	13	1
100	1514 D	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	13	1
100	1514 E	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	13	1
100	1514 F	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	12	1
100	1514 G	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	12	1
100	1514 H	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	12	1
100	1514 I	G0S 45	23	05	64	0830	4	SHELF 0FF N. FLORIDA	53	3	02	29 46.0	81 12.5	12	1
100	1515	G0S 45	23	05	64	1200	4	SHELF 0FF N. FLORIDA	53	3	02	29 40.4	81 11.5	19	1
100	1516	G0S 45	23	05	64	1336	4	SHELF 0FF N. FLORIDA	53	3	02	29 30.0	81 05.8	16	1
100	1517	G0S 45	23	05	64	1432	4	SHELF 0FF N. FLORIDA	53	3	02	29 29.5	81 00.0	21	1
100	1518	G0S 45	23	05	64	1557	4	SHELF 0FF N. FLORIDA	53	3	02	29 20.9	81 01.5	18	1
100	1519	G0S 45	23	05	64	1940	4	SHELF 0FF N. FLORIDA	53	3	02	29 11.0	80 53.9	15	1
100	1520	G0S 45	23	05	64	1955	4	SHELF 0FF N. FLORIDA	53	3	02	29 00.0	80 50.0	17	1
100	1521	G0S 45	23	05	64	2120	4	SHELF 0FF N. FLORIDA	53	3	02	29 00.0	80 39.0	19	1
100	1522	G0S 45	23	05	64	2236	4	SHELF 0FF N. FLORIDA	53	3	02	28 59.7	80 29.7	18	1
100	1523	G0S 45	24	05	64	0045	4	SHELF 0FF N. FLORIDA	53	3	02	29 00.0	80 15.0	47	1
100	1524	G0S 45	24	05	64	0225	4	SHELF 0FF N. FLORIDA	53	3	02	28 49.5	80 14.0	40	1
100	1525	G0S 45	24	05	64	0403	4	SHELF 0FF N. FLORIDA	53	3	02	28 50.0	80 29.5	22	1
100	1526	G0S 45	24	05	64	0520	4	SHELF 0FF N. FLORIDA	53	3	02	28 49.6	80 38.6	18	1
100	1527	G0S 45	24	05	64	0655	4	SHELF 0FF N. FLORIDA	53	3	02	28 41.8	80 29.8	19	1
100	1528	G0S 45	24	05	64	0846	4	SHELF 0FF N. FLORIDA	53	3	02	28 39.8	80 14.5	36	1
100	1529	G0S 45	24	05	64	1025	4	SHELF 0FF CENTRAL FLA	53	3	02	28 29.2	80 10.7	40	1
100	1530	G0S 45	24	05	64	1156	4	SHELF 0FF CENTRAL FLA	53	3	02	28 29.5	80 23.1	12	1
100	1531	G0S 45	24	05	64	1317	4	SHELF 0FF CENTRAL FLA	56	3	02	28 20.0	80 23.1	17	1
100	1532	G0S 45	24	05	64	1454	4	SHELF 0FF CENTRAL FLA	56	3	02	28 20.3	80 09.6	36	1
100	1533	G0S 45	24	05	64	1625	4	SHELF 0FF CENTRAL FLA	53	3	02	28 20.9	80 00.5	73	1
100	1534	G0S 45	24	05	64	1830	4	SHELF 0FF CENTRAL FLA	56	3	02	28 10.4	80 00.5	76	1
100	1535	G0S 45	24	05	64	1944	4	SHELF 0FF CENTRAL FLA	56	3	02	28 09.8	80 11.0	32	1
100	1536	G0S 45	24	05	64	2055	4	SHELF 0FF CENTRAL FLA	56	3	02	28 10.0	80 22.1	22	1
100	1537 A	G0S 45	24	05	64	2230	4	SHELF 0FF CENTRAL FLA	56	3	02	28 10.3	80 28.6	18	1
100	1537 B	G0S 45	24	05	64	2230	4	SHELF 0FF CENTRAL FLA	56	3	02	28 10.3	80 28.6	18	1
100	1538 A	G0S 45	24	05	64	2351	4	SHELF 0FF CENTRAL FLA	56	3	02	28 00.0	80 30.0	17	1
100	1538 B	G0S 45	24	05	64	2351	4	SHELF 0FF CENTRAL FLA	56	3	02	28 00.0	80 30.0	17	1
100	1539	G0S 45	25	05	64	0110	4	SHELF 0FF CENTRAL FLA	56	3	02	28 00.5	80 20.0	22	1
100	1540	G0S 45	25	05	64	0225	4	SHELF 0FF CENTRAL FLA	56	3	02	28 00.0	80 11.4	32	1
100	1541	G0S 45	25	05	64	0350	4	SHELF 0FF CENTRAL FLA	56	3	02	28 00.1	80 00.1	66	1
100	1542	G0S 45	25	05	64	0610	4	SHELF 0FF CENTRAL FLA	56	3	02	27 49.8	80 00.9	64	1
100	1543	G0S 45	25	05	64	0730	4	SHELF 0FF CENTRAL FLA	56	3	02	27 49.5	80 10.8	21	1
100	1544	G0S 45	25	05	64	0820	4	SHELF 0FF CENTRAL FLA	56	3	02	27 40.5	80 20.1	13	1
100	1545 A	G0S 45	25	05	64	0945	4	SHELF 0FF CENTRAL FLA	56	3	02	27 39.6	80 18.0	11	1
100	1545 B	G0S 45	25	05	64	0945	4	SHELF 0FF CENTRAL FLA	56	3	02	27 39.6	80 18.0	11	1
100	1546	G0S 45	25	05	64	1100	4	SHELF 0FF S. FLORIDA	56	3	02	27 39.6	80 08.3	20	1
100	1547	G0S 45	25	05	64	1224	4	SHELF 0FF S. FLORIDA	56	3	02	27 29.5	80 08.4	20	1
100	1548	G0S 45	25	05	64	1308	4	SHELF 0FF S. FLORIDA	56	3	02	27 29.5	80 13.5	17	1
100	1549	G0S 45	25	05	64	1425	4	SHELF 0FF S. FLORIDA	56	3	02	27 19.9	80 11.0	14	1
100	1550	G0S 45	25	05	64	1550	4	SHELF 0FF S. FLORIDA	56	3	02	27 09.9	80 07.0	17	1
100	1551	G0S 45	25	05	64	1750	4	SHELF 0FF S. FLORIDA	56	3	02	27 01.8	80 03.4	20	1
100	1552	G0S 45	25	05	64	1917	4	SHELF 0FF S. FLORIDA	56	3	02	26 51.5	80 01.9	12	1
100	1553	G0S 45	25	05	64	2100	4	SHELF 0FF S. FLORIDA	56	3	02	26 41.6	80 00.9	37	1
100	1554	G0S 45	25	05	64	2230	4	SHELF 0FF S. FLORIDA	56	3	02	26 31.1	80 01.4	55	1
100	1555	G0S 45	25	05	64	2345	4	SHELF 0FF S. FLORIDA	56	3	02	26 21.1	80 03.2	30	1
100	1556	G0S 45	26	05	64	0110	4	SHELF 0FF S. FLORIDA	56	3	02	26 10.6	80 04.2	32	1
100	1557	G0S 45	26	05	64	0230	4	SHELF 0FF S. FLORIDA	56	3	02	25 59.9	80 05.0	43	1
100	1558	G0S 45	26	05	64	0305	4	SHELF 0FF S. FLORIDA	56	3	02	25 54.7	80 05.3	42	1
100	1559	G0S 45	26	05	64	0348	4	SHELF 0FF S. FLORIDA	56	3	02	25 54.7	80 06.0	15	1
100	1560	G0S 45	26	05	64	0455	4	SLOPE 0FF S. FLORIDA	57	3	02	25 54.5	80 02.5	243	1
100	1561	G0S 45	28	05	64	1032	4	SLOPE 0FF S. FLORIDA	61	3	02	25 39.7	80 02.7	261	1
100	1562	G0S 45	28	05	64	1300	4	SLOPE 0FF FLA. KEYS	61	3	02	25 29.8	80 03.5	146	1
100	1563	G0S 45	28	05	64	1500	4	SLOPE 0FF FLA. KEYS	61	3	02	25 19.0	80 07.0	166	1
100	1564	G0S 45	28	05	64	1640	4	SLOPE 0FF FLA. KEYS	61	3	02	25 08.5	80 11.9	105	1
100	1565	G0S 45	31	05	64	0425	4	SLOPE 0FF FLA. KEYS	61	3	02	25 01.0	80 18.3	85	1
100	1566	G0S 45	31	05	64	0615	5	0FF FLORIDA KEYS	61	3	01	24 54.0	80 26.5	87	1
100	1567	G0S 45	31	05	64	0805	5	0FF FLORIDA KEYS	61	3	01	24 48.2	80 36.0	90	1
100	1568	G0S 45	31	05	64	0942	5	0FF FLORIDA KEYS	61	3	01	24 42.2	80 45.5	87	1
100	1569	G0S 45	31	05	64	1117	5	0FF FLORIDA KEYS	61	3	01	24 37.6	80 56.0	115	1
100	1570	G0S 45	31	05	64	1301	5	0FF FLORIDA KEYS	61	3	01	24 34.8	81 07.0	88	1
100	1571	G0S 45	31	05	64	1435	5	0FF FLORIDA KEYS	61	3	01	24 32.0	81 16.5	89	1
100	1572	G0S 45	31	05	64	1620	5	0FF FLORIDA KEYS	61	3	01	24 29.3	81 27.7	97	1
100	1573	G0S 45	31	05	64	1830	5	0FF FLORIDA KEYS	61	3	01	24 26.7	81 38.9	107	1
100	1574	G0S 45	31	05	64	2023	5	0FF FLORIDA KEYS	61	3	01	24 24.5	81 49.0	126	1
100	1575	G0S 45	31	05	64	2210	5	0FF FLORIDA KEYS	61	3	01	24 25.1	82 00.1	74	1
100	1576	G0S 45	31	05	64	2328	5	0FF FLORIDA KEYS	61	3	01	24 20.1	81 55.3	228	1
100	1577	G0S 45	01	06	64	0145	5	0FF FLORIDA KEYS	61	3	01	24 16.7	81 47.5	256	1
100	1578	G0S 45	01	06	64	0410	5	0FF FLORIDA KEYS	61	3	01	24 17.0	81 34.6	250	1
100	1579 A	G0S 45	01	06	64	0520	5	0FF FLORIDA KEYS	61	3	01	24 20.0	81 27.6	219	1
100	1579 B	G0S 45	01	06	64	0520	5	0FF FLORIDA KEYS	61	3	01	24 20.0	81 27.6	219	1
100	1580 A	G0S 45	01	06	64	0805	5	0FF FLORIDA KEYS	61	3	01	24 10.0	81 22.0	681	1

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1580 B	GOS 45	01 06 64	0805	5	OFF FLORIDA KEYS	61	3	01	24 10.0	81 22.0	681	1
100	1581	GOS 45	01 06 64	1006	5	OFF FLORIDA KEYS	61	3	02	24 23.2	81 15.0	199	1
100	1582 A	GOS 45	01 06 64	1150	5	OFF FLORIDA KEYS	61	3	02	24 15.1	81 11.6	329	1
100	1582 B	GOS 45	01 06 64	1150	5	OFF FLORIDA KEYS	61	3	02	24 15.1	81 11.6	329	1
100	1583 A	GOS 45	01 06 64	1307	5	OFF FLORIDA KEYS	61	3	02	24 24.6	81 05.4	188	1
100	1583 B	GOS 45	01 06 64	1307	5	OFF FLORIDA KEYS	61	3	02	24 24.6	81 05.4	188	1
100	1584	GOS 45	01 06 64	1436	5	OFF FLORIDA KEYS	61	3	02	24 32.6	80 56.7	204	1
100	1585	GOS 45	01 06 64	1600	5	OFF FLORIDA KEYS	61	3	02	24 24.3	80 52.0	216	1
100	1586 A	GOS 45	01 06 64	1900	5	OFF FLORIDA KEYS	61	3	02	24 18.0	80 39.0	707	1
100	1586 B	GOS 45	01 06 64	1900	5	OFF FLORIDA KEYS	61	3	02	24 18.0	80 39.0	707	1
100	1587	GOS 45	01 06 64	2106	5	OFF FLORIDA KEYS	61	3	02	24 28.3	80 40.6	248	1
100	1588	GOS 45	01 06 64	2255	5	OFF FLORIDA KEYS	61	3	02	24 39.4	80 37.3	207	1
100	1589	GOS 45	01 06 64	2345	5	OFF FLORIDA KEYS	61	3	02	24 45.0	80 33.1	149	1
100	1590	GOS 45	02 06 64	0147	5	OFF FLORIDA KEYS	61	3	02	24 35.0	80 28.0	284	1
100	1591	GOS 45	02 06 64	0313	5	OFF FLORIDA KEYS	61	3	02	24 46.2	80 24.5	199	1
100	1592	GOS 45	02 06 64	0614	5	OFF FLORIDA KEYS	61	3	02	24 37.3	80 15.7	757	1
100	1593	GOS 45	02 06 64	0750	5	OFF FLORIDA KEYS	61	3	02	24 50.2	80 09.5	295	1
100	1594	GOS 45	02 06 64	0900	5	OFF FLORIDA KEYS	61	3	02	24 58.4	80 11.5	220	1
100	1595	GOS 45	02 06 64	1009	5	OFF FLORIDA KEYS	61	3	02	24 54.8	80 03.5	500	1
100	1596	GOS 45	02 06 64	1134	5	OFF FLORIDA KEYS	61	3	02	25 06.5	80 04.6	256	1
100	1597 A	GOS 45	02 06 64	1254	5	OFF FLORIDA KEYS	60	3	02	25 08.0	79 52.0	598	1
100	1597 B	GOS 45	02 06 64	1254	5	OFF FLORIDA KEYS	60	3	02	25 08.0	79 52.0	598	1
100	1598	GOS 45	02 06 64	1436	5	OFF FLORIDA KEYS	61	3	02	25 15.0	80 00.0	484	1
100	1599	GOS 45	02 06 64	1556	5	OFF FLORIDA KEYS	60	3	02	25 18.3	79 49.3	656	1
100	1600	GOS 45	02 06 64	1810	5	OFF FLORIDA KEYS	61	3	02	25 31.0	79 53.7	456	1
100	1601 A	GOS 45	02 06 64	1936	5	OFF FLORIDA KEYS	61	3	02	25 38.4	79 50.0	683	1
100	1601 B	GOS 45	02 06 64	1936	5	OFF FLORIDA KEYS	61	3	02	25 38.4	79 50.0	683	1
100	1602	GOS 45	02 06 64	2121	5	S. STRAITS OF FLORIDA	60	3	01	25 42.0	79 38.0	792	1
100	1603	GOS 45	02 06 64	2230	5	S. STRAITS OF FLORIDA	60	3	01	25 50.2	79 35.1	769	1
100	1604	GOS 45	03 06 64	0035	5	S. STRAITS OF FLORIDA	60	3	02	25 50.6	79 45.0	797	1
100	1605	GOS 45	03 06 64	0239	5	OFF FLORIDA KEYS	61	3	02	25 49.7	79 56.5	331	1
100	1606	GOS 45	03 06 64	0358	5	SLOPE OF S.FLORIDA	57	3	01	25 57.4	79 48.0	465	1
100	1607	GOS 45	03 06 64	0519	5	SLOPE OF S.FLORIDA	57	3	02	26 07.8	79 54.2	266	1
100	1608	GOS 45	03 06 64	0655	5	SLOPE OF S.FLORIDA	57	3	02	26 12.5	79 46.0	584	1
100	1609	GOS 45	03 06 64	0850	5	N. STRAITS OF FLORIDA	58	3	02	26 17.8	79 36.6	777	1
100	1610	GOS 45	03 06 64	1040	5	SLOPE OFF S.FLORIDA	57	3	02	26 23.5	79 47.6	494	1
100	1611	GOS 45	03 06 64	1254	5	SLOPE OFF S.FLORIDA	57	3	02	26 22.5	79 53.5	307	1
100	1612	GOS 45	03 06 64	1348	5	SLOPE OFF S. FLORIDA	57	3	02	26 31.0	79 56.2	239	1
100	1613	GOS 45	03 06 64	1521	5	SLOPE OFF S.FLORIDA	57	3	02	26 40.0	79 48.0	382	1
100	1614	GOS 45	03 06 64	1638	5	SLOPE OFF S.FLORIDA	57	3	02	26 49.7	79 49.5	342	1
100	1615	GOS 45	03 06 64	1845	5	SLOPE OFF S.FLORIDA	57	3	02	26 56.2	79 36.7	669	1
100	1616	GOS 45	03 06 64	2013	5	N. STRAITS OF FLORIDA	58	3	02	26 59.7	79 28.0	742	1
100	1617 A	GOS 45	03 06 64	2234	5	SLOPE OFF S.FLORIDA	57	3	02	27 02.0	79 39.6	549	1
100	1617 B	GOS 45	03 06 64	2234	5	SLOPE OFF S.FLORIDA	57	3	02	27 02.0	79 39.6	549	1
100	1618	GOS 45	04 06 64	0031	5	SLOPE OFF S. FLORIDA	57	3	02	27 02.3	79 50.0	321	1
100	1619	GOS 45	04 06 64	0130	5	SLOPE OFF S. FLORIDA	57	3	01	27 09.8	79 52.0	258	1
100	1620	GOS 45	04 06 64	0237	5	SHELF OFF CENTRAL FLA	56	3	01	27 10.0	80 00.0	72	1
100	1621	GOS 45	04 06 64	0355	5	SHELF OFF CENTRAL FLA	56	3	02	27 20.0	80 00.0	69	1
100	1622	GOS 45	04 06 64	0530	5	SLOPE OFF CENTRAL FLA	57	3	02	27 19.9	79 50.0	303	1
100	1623	GOS 45	04 06 64	0643	5	SLOPE OFF CENTRAL FLA	57	3	02	27 30.0	79 50.0	286	1
100	1624 A	GOS 45	04 06 64	0815	5	SHELF OFF CENTRAL FLA	56	3	02	27 30.0	80 01.5	56	1
100	1624 B	GOS 45	04 06 64	0815	5	SHELF OFF CENTRAL FLA	56	3	02	27 30.0	80 01.5	56	1
100	1625	GOS 45	04 06 64	0945	5	SHELF OFF CENTRAL FLA	56	3	02	27 40.1	80 02.5	54	1
100	1626	GOS 45	04 06 64	1119	5	SLOPE OFF CENTRAL FLA	57	3	02	27 40.0	79 50.1	229	1
100	1627	GOS 45	04 06 64	1230	5	SLOPE OFF CENTRAL FLA	57	3	02	27 50.9	79 51.0	229	1
100	1628	GOS 45	04 06 64	1437	5	SLOPE OFF S.FLORIDA	57	3	02	27 49.8	79 41.4	529	1
100	1629	GOS 45	04 06 64	1659	5	STRAITS OF FLORIDA	58	3	02	27 51.5	79 25.0	678	1
100	1630	GOS 45	04 06 64	1922	5	STRAITS OF FLORIDA	58	3	02	28 02.2	79 31.1	783	1
100	1631	GOS 45	04 06 64	2035	5	SLOPE OFF S.FLORIDA	57	3	02	28 03.6	79 41.0	782	1
100	1632	GOS 45	04 06 64	2151	5	SLOPE OFF S.FLORIDA	57	3	02	28 06.6	79 43.2	479	1
100	1633	GOS 45	04 06 64	2259	5	SLOPE OFF S.FLORIDA	57	3	02	28 10.4	79 48.9	301	1
100	1634	GOS 45	05 06 64	0030	5	SLOPE OFF CENTRAL FLA	54	3	02	28 20.4	79 50.2	313	1
100	1635	GOS 45	05 06 64	0139	5	SLOPE OFF CENTRAL FLA	54	3	02	28 30.8	79 52.0	348	1
100	1636	GOS 45	05 06 64	0258	5	SLOPE OFF CENTRAL FLA	54	3	02	28 30.5	80 00.0	134	1
100	1637	GOS 45	05 06 64	0407	5	SLOPE OFF CENTRAL FLA	54	3	02	28 40.1	79 59.9	167	1
100	1638	GOS 45	05 06 64	0625	5	SLOPE OFF CENTRAL FLA	54	3	02	28 40.5	79 50.4	406	1
100	1639	GOS 45	05 06 64	0745	5	SLOPE OFF CENTRAL FLA	54	3	02	28 50.1	79 51.4	435	1
100	1640	GOS 45	05 06 64	1030	5	INNER BLAKE PLATEAU	48	3	02	28 50.0	79 39.7	772	1
100	1641	GOS 45	05 06 64	1448	5	INNER BLAKE PLATEAU	48	3	02	28 52.2	79 24.1	777	1
100	1642	GOS 45	05 06 64	1610	5	INNER BLAKE PLATEAU	48	3	02	28 59.2	79 30.8	752	1
100	1643	GOS 45	05 06 64	1830	5	INNER BLAKE PLATEAU	48	3	02	29 01.0	79 40.3	822	1
100	1644	GOS 45	05 06 64	1937	5	SLOPE OFF CENTRAL FLA	54	3	02	29 09.8	79 44.3	802	1
100	1645	GOS 45	05 06 64	2057	5	INNER BLAKE PLATEAU	48	3	02	29 20.6	79 44.8	712	1
100	1646	GOS 45	05 06 64	2211	5	INNER BLAKE PLATEAU	48	3	02	29 29.8	79 44.4	712	1
100	1647	GOS 45	06 06 64	0030	5	INNER BLAKE PLATEAU	48	3	02	29 41.5	79 43.6	727	1
100	1648	GOS 45	06 06 64	0146	5	INNER BLAKE PLATEAU	48	3	02	29 50.7	79 44.0	722	1
100	1649	GOS 45	06 06 64	0317	5	INNER BLAKE PLATEAU	48	3	02	30 01.0	79 43.0	871	1
100	1650	GOS 45	06 06 64	0531	5	INNER BLAKE PLATEAU	48	3	02	30 01.0	79 30.5	779	1
100	1651	GOS 45	06 06 64	0740	5	INNER BLAKE PLATEAU	48	3	02	30 02.6	79 20.0	792	1
100	1652	GOS 45	06 06 64	1006	5	INNER BLAKE PLATEAU	48	3	02	30 09.1	79 26.8	769	1
100	1653	GOS 45	06 06 64	1140	5	INNER BLAKE PLATEAU	48	3	02	30 22.5	79 26.5	835	1
100	1654	GOS 45	06 06 64	1334	5	INNER BLAKE PLATEAU	48	3	02	30 29.9	79 27.2	752	1
100	1655	GOS 45	06 06 64	1506	5	INNER BLAKE PLATEAU	48	3	02	30 40.1	79 29.0	797	1
100	1656	GOS 45	06 06 64	1832	5	SLOPE OFF GEORGIA	49	3	02	30 40.3	79 44.2	579	1
100	1657 A	GOS 45	06 06 64	2107	5	SLOPE OFF GEORGIA	49	3	02	30 40.0	80 00.0	244	1
100	1657 B	GOS 45	06 06 64	2107	5	SLOPE OFF GEORGIA	49	3	02	30 40.0	80 00.0	244	1
100	1658	GOS 45	06 06 64	2300	5	SLOPE OFF GEORGIA	49	3	02	30 49.8	80 00.4	146	1
100	1659	GOS 45	07 06 64	0105	5	SLOPE OFF GEORGIA	49	3	02	31 00.1	79 59.0	48	1
100	1660	GOS 45	07 06 64	0226	5	SHELF OFF GEORGIA	50	3	02	31 10.1	79 58.0	46	1
100	1661	GOS 45	07 06 64	0355	5	SHELF OFF GEORGIA	50	3	02	31 19.6	80 00.4	41	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1662	GBS 45	07	06	64	0530	5	SHELF OFF GEORGIA	50	3	02	31 30.8	80 01.2	41	1
100	1663	GBS 45	07	06	64	0725	5	SHELF OFF GEORGIA	50	3	02	31 40.7	79 59.7	36	1
100	1664	GBS 45	07	06	64	1030	5	SHELF OFF GEORGIA	50	3	02	31 40.4	80 14.6	28	1
100	1665	GBS 45	07	06	64	1233	5	SHELF OFF GEORGIA	50	3	02	31 41.1	80 30.6	20	1
100	1666	GBS 45	07	06	64	1520	5	SHELF OFF GEORGIA	50	3	02	31 51.0	80 20.5	20	1
100	1667	GBS 45	07	06	64	1650	5	SHELF OFF S. CAROLINA	50	3	02	31 50.4	80 11.5	22	1
100	1668	GBS 45	07	06	64	1800	5	SHELF OFF S. CAROLINA	50	3	02	31 49.4	80 01.1	30	1
100	1669	GBS 45	07	06	64	2038	5	SHELF OFF S. CAROLINA	50	3	02	32 00.5	79 58.8	27	1
100	1670	GBS 45	07	06	64	2353	5	SHELF OFF S. CAROLINA	50	3	02	32 10.8	80 00.0	19	1
100	1671	GBS 45	08	06	64	0210	5	SHELF OFF S. CAROLINA	45	3	02	32 10.0	79 45.6	27	1
100	1672	GBS 45	08	06	64	0405	5	SHELF OFF S. CAROLINA	45	3	02	32 17.9	79 35.0	25	1
100	1673	GBS 45	10	06	64	1200	5	SHELF OFF S. CAROLINA	45	3	01	32 34.0	79 48.0	13	1
100	1674	GBS 45	10	06	64	1345	5	SHELF OFF S. CAROLINA	45	3	01	32 27.6	79 58.8	16	1
100	1675	GBS 45	10	06	64	1655	5	SHELF OFF S. CAROLINA	50	3	01	32 13.5	80 19.5	14	1
100	1676	GBS 45	10	06	64	1855	5	SHELF OFF S. CAROLINA	50	3	01	32 07.6	80 28.4	14	1
100	1677	GBS 45	10	06	64	2115	5	SHELF OFF S. CAROLINA	50	3	01	31 56.9	80 37.2	17	1
100	1678	GBS 45	11	06	64	0245	5	SHELF OFF GEORGIA	50	3	02	31 20.4	80 46.3	22	1
100	1679	GBS 45	11	06	64	0420	5	SHELF OFF GEORGIA	50	3	02	31 09.6	80 45.6	19	1
100	1680	GBS 45	11	06	64	0555	5	SHELF OFF GEORGIA	50	3	02	31 00.0	80 44.8	24	1
100	1681	GBS 45	11	06	64	0740	5	SHELF OFF GEORGIA	50	3	02	30 49.8	80 45.0	24	1
100	1682	GBS 45	11	06	64	0911	5	SHELF OFF N. FLORIDA	53	3	02	30 40.0	80 47.2	26	1
100	1683	GBS 45	11	06	64	1035	5	SHELF OFF N. FLORIDA	53	3	02	30 29.8	80 44.0	32	1
100	1684	GBS 45	11	06	64	1155	5	SHELF OFF N. FLORIDA	53	3	02	30 19.8	80 44.2	35	1
100	1685	GBS 45	11	06	64	1305	5	SHELF OFF N. FLORIDA	53	3	02	30 10.0	80 45.0	32	1
100	1686	GBS 45	11	06	64	1430	5	SHELF OFF N. FLORIDA	53	3	02	30 00.0	80 45.5	36	1
100	1687	GBS 45	11	06	64	1850	5	SHELF OFF N. FLORIDA	53	3	02	29 30.7	80 46.7	19	1
100	1688	GBS 45	11	06	64	2045	5	SHELF OFF N. FLORIDA	53	3	02	29 20.0	80 45.1	24	1
100	1689	GBS 45	11	06	64	2230	5	SHELF OFF N. FLORIDA	53	3	02	29 09.4	80 44.1	24	1
100	1690	GBS 45	12	06	64	0015	5	SHELF OFF N. FLORIDA	53	3	02	29 10.3	80 30.1	30	1
100	1691	GBS 45	12	06	64	0130	5	SHELF OFF N. FLORIDA	53	3	02	29 20.2	80 28.6	35	1
100	1692	GBS 45	12	06	64	0249	5	SHELF OFF N. FLORIDA	53	3	02	29 29.8	80 28.6	34	1
100	1693	GBS 45	12	06	64	0420	5	SHELF OFF N. FLORIDA	53	3	02	29 39.6	80 29.4	31	1
100	1694	GBS 45	12	06	64	0548	5	SHELF OFF N. FLORIDA	53	3	02	29 49.8	80 30.7	29	1
100	1695	GBS 45	12	06	64	0719	5	SHELF OFF N. FLORIDA	53	3	02	30 00.0	80 29.6	38	1
100	1696	GBS 45	12	06	64	0830	5	SHELF OFF N. FLORIDA	53	3	02	30 09.3	80 29.3	36	1
100	1697	GBS 45	12	06	64	1012	5	SHELF OFF N. FLORIDA	53	3	02	30 20.4	80 30.0	36	1
100	1698	GBS 45	12	06	64	1140	5	SHELF OFF N. FLORIDA	53	3	02	30 29.5	80 28.7	35	1
100	1699	GBS 45	12	06	64	1320	5	SHELF OFF N. FLORIDA	50	3	02	30 40.0	80 29.8	38	1
100	1700	GBS 45	12	06	64	1506	5	SHELF OFF N. FLORIDA	50	3	02	30 50.0	80 29.8	33	1
100	1701	GBS 45	12	06	64	1645	5	SHELF OFF GEORGIA	50	3	02	31 00.2	80 29.5	31	1
100	1702	GBS 45	12	06	64	1900	5	SHELF OFF GEORGIA	50	3	02	31 11.2	80 32.0	31	1
100	1703	GBS 45	12	06	64	2015	5	SHELF OFF GEORGIA	50	3	02	31 21.0	80 29.5	28	1
100	1704	GBS 45	12	06	64	2137	5	SHELF OFF GEORGIA	50	3	02	31 30.8	80 30.0	24	1
100	1705	GBS 45	12	06	64	2320	5	SHELF OFF GEORGIA	50	3	02	31 30.1	80 16.5	32	1
100	1706	GBS 45	13	06	64	0058	5	SHELF OFF GEORGIA	50	3	02	31 20.0	80 13.9	36	1
100	1707	GBS 45	13	06	64	0227	5	SHELF OFF GEORGIA	50	3	02	31 09.4	80 12.6	36	1
100	1708	GBS 45	13	06	64	0407	5	SHELF OFF GEORGIA	50	3	02	31 00.0	80 15.0	36	1
100	1709	GBS 45	13	06	64	0535	5	SHELF OFF GEORGIA	50	3	02	30 50.0	80 15.3	37	1
100	1710	GBS 45	13	06	64	0708	5	SHELF OFF GEORGIA	50	3	02	30 40.5	80 13.5	42	1
100	1711	GBS 45	13	06	64	0930	5	SLOPE OFF GEORGIA	49	3	02	30 29.8	80 13.7	43	1
100	1712	GBS 45	13	06	64	1000	5	SLOPE OFF N. FLORIDA	54	3	02	30 20.2	80 15.0	49	1
100	1713	GBS 45	13	06	64	1140	5	SLOPE OFF N. FLORIDA	54	3	02	30 10.6	80 14.7	77	1
100	1714	GBS 45	13	06	64	1336	5	SLOPE OFF N. FLORIDA	54	3	02	30 00.6	80 15.4	86	1
100	1715	GBS 45	13	06	64	1610	5	SLOPE OFF N. FLORIDA	54	3	02	29 50.3	80 15.5	77	1
100	1716	GBS 45	13	06	64	1758	5	SLOPE OFF N. FLORIDA	54	3	02	29 39.9	80 14.7	70	1
100	1717	GBS 45	13	06	64	1947	5	SLOPE OFF N. FLORIDA	54	3	02	29 30.5	80 15.5	71	1
100	1718	GBS 45	13	06	64	2139	5	SHELF OFF CENTRAL FLA	53	3	02	29 21.3	80 15.5	57	1
100	1719	GBS 45	13	06	64	2317	5	SHELF OFF CENTRAL FLA	53	3	02	29 09.2	80 12.9	54	1
100	1720	GBS 45	14	06	64	0127	5	SLOPE OFF CENTRAL FLA	54	3	02	29 00.3	80 07.3	111	1
100	1721	GBS 45	14	06	64	0356	5	SLOPE OFF CENTRAL FLA	54	3	02	28 50.4	80 00.5	169	1
100	1722	GBS 45	14	06	64	0604	5	SLOPE OFF CENTRAL FLA	54	3	02	28 59.3	79 54.8	424	1
100	1723	GBS 45	14	06	64	0635	5	SLOPE OFF CENTRAL FLA	54	3	02	29 10.4	79 55.3	494	1
100	1724	GBS 45	14	06	64	0816	5	SLOPE OFF CENTRAL FLA	54	3	02	29 10.0	80 05.0	202	1
100	1725	GBS 45	14	06	64	0945	5	SLOPE OFF CENTRAL FLA	54	3	02	29 20.4	80 01.3	460	1
100	1726	GBS 45	14	06	64	1125	5	SLOPE OFF CENTRAL FLA	54	3	02	29 32.8	80 00.0	494	1
100	1727	GBS 45	14	06	64	1207	5	SLOPE OFF CENTRAL FLA	54	3	02	29 39.6	79 59.4	528	1
100	1728	GBS 45	14	06	64	1258	5	SLOPE OFF CENTRAL FLA	54	3	02	29 49.3	79 57.8	533	1
100	1729	GBS 45	14	06	64	1402	5	SLOPE OFF CENTRAL FLA	54	3	02	29 59.5	79 57.9	504	1
100	1730 A	GBS 45	14	06	64	1524	5	SLOPE OFF CENTRAL FLA	54	3	02	30 05.3	80 04.2	374	1
100	1730 B	GBS 45	14	06	64	1524	5	SLOPE OFF CENTRAL FLA	54	3	02	30 05.3	80 04.2	374	1
100	1731	GBS 45	14	06	64	1720	5	SLOPE OFF CENTRAL FLA	54	3	02	30 11.0	79 53.2	534	1
100	1732	GBS 45	14	06	64	1840	5	INNER BLAKE PLATEAU	48	3	02	30 08.8	79 43.5	802	1
100	1733	GBS 45	14	06	64	1945	5	INNER BLAKE PLATEAU	48	3	02	30 14.3	79 39.0	861	1
100	1734	GBS 45	14	06	64	2107	5	INNER BLAKE PLATEAU	48	3	02	30 20.4	79 44.0	664	1
100	1735	GBS 45	14	06	64	2324	5	SLOPE OFF GEORGIA	49	3	02	30 21.3	79 53.2	534	1
100	1736	GBS 45	15	06	64	0214	5	SLOPE OFF GEORGIA	49	3	02	30 23.4	80 08.4	319	1
100	1737	GBS 45	15	06	64	0308	5	SLOPE OFF GEORGIA	49	3	02	30 30.4	80 02.4	284	1
100	1738	GBS 45	15	06	64	0432	5	SLOPE OFF GEORGIA	49	3	02	30 31.2	79 52.0	480	1
100	1739	GBS 45	15	06	64	0720	5	SLOPE OFF GEORGIA	49	3	02	30 31.1	79 41.6	639	1
100	1740	GBS 45	15	06	64	0920	5	INNER BLAKE PLATEAU	48	3	02	30 35.8	79 19.9	802	1
100	1741	GBS 45	15	06	64	1011	5	INNER BLAKE PLATEAU	48	3	02	30 39.3	79 10.5	792	1
100	1742	GBS 45	15	06	64	1230	5	INNER BLAKE PLATEAU	48	3	02	30 44.7	79 19.0	752	1
100	1743	GBS 45	15	06	64	1415	5	INNER BLAKE PLATEAU	48	3	02	30 51.0	79 24.0	802	1
100	1744	GBS 45	15	06	64	1740	5	INNER BLAKE PLATEAU	48	3	02	30 50.6	79 34.5	787	1
100	1745	GBS 45	15	06	64	2049	5	SLOPE OFF GEORGIA	49	3	02	30 51.8	79 43.7	461	1
100	1746	GBS 45	15	06	64	2216	5	SLOPE OFF GEORGIA	49	3	02	31 00.0	79 44.5	347	1
100	1747	GBS 45	15	06	64	2323	5	SLOPE OFF GEORGIA	49	3	02	31 08.8	79 46.5	254	1
100	1748	GBS 45	16	06	64	0135	5	SLOPE OFF GEORGIA	49	3	02	31 11.4	79 28.5	524	1
100	1749	GBS 45	16	06	64	0250	5	SLOPE OFF GEORGIA	49	3	02	31 20.5	79 28.5	484	1
100	1750	GBS 45	16	06	64	0621	5	SLOPE OFF GEORGIA	49	3	02	31 18.2	79 45.8	144	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1751	GOS 45	16	06	64	0825	5	SLOPE OFF GEORGIA	49	3	02	31 29.9	79 46.2	64	1
100	1752	GOS 45	16	06	64	1032	5	SLOPE OFF GEORGIA	49	3	02	31 28.7	79 29.0	499	1
100	1753	GOS 45	16	06	64	1218	5	SLOPE OFF S. CAROLINA	49	3	02	31 39.2	79 29.8	166	1
100	1754	GOS 45	16	06	64	1424	5	SHELF OFF S. CAROLINA	50	3	02	31 39.4	79 45.2	46	1
100	1755	GOS 45	16	06	64	1544	5	SHELF OFF S. CAROLINA	50	3	02	31 49.9	79 45.4	40	1
100	1756	GOS 45	16	06	64	1725	5	SHELF OFF S. CAROLINA	49	3	02	31 49.8	79 30.6	69	1
100	1757	GOS 45	16	06	64	1850	5	SHELF OFF S. CAROLINA	45	3	02	32 00.8	79 30.4	54	1
100	1758	GOS 45	16	06	64	2033	5	SHELF OFF S. CAROLINA	50	3	02	31 59.7	79 45.2	32	1
100	1759	GOS 45	16	06	64	2136	5	SHELF OFF S. CAROLINA	45	3	02	32 04.9	79 38.3	35	1
100	1760	GOS 45	16	06	64	2239	5	SHELF OFF S. CAROLINA	45	3	02	32 10.0	79 30.5	36	1
100	1761	GOS 45	17	06	64	0025	5	SHELF OFF S. CAROLINA	45	3	02	32 10.6	79 15.5	54	1
100	1762	GOS 45	17	06	64	0203	5	SHELF OFF S. CAROLINA	46	3	02	31 59.2	79 15.1	105	1
100	1763	GOS 45	17	06	64	0410	5	SHELF OFF S. CAROLINA	46	3	02	31 49.8	79 14.5	259	1
100	1764	GOS 45	17	06	64	0626	5	SLOPE OFF S. CAROLINA	49	3	02	31 40.5	79 14.6	504	1
100	1765	GOS 45	17	06	64	0755	5	N. BLAKE PLATEAU	47	3	02	31 45.7	79 06.5	550	1
100	1766	GOS 45	17	06	64	0910	5	N. BLAKE PLATEAU	47	3	02	31 49.0	79 00.2	480	1
100	1767	GOS 45	17	06	64	1150	5	SE OF CHARLESTON S.C.	47	3	02	31 49.6	78 45.8	455	1
100	1768	GOS 45	17	06	64	1332	5	SE OF CHARLESTON S.C.	47	3	02	31 53.8	78 29.5	534	1
100	1769	GOS 45	17	06	64	1548	5	SE OF CHARLESTON S.C.	47	3	02	31 59.1	78 45.0	386	1
100	1770	GOS 45	17	06	64	1805	5	SE OF CHARLESTON S.C.	46	3	02	32 00.2	79 00.5	406	1
100	1771	GOS 45	17	06	64	2000	5	SE OF CHARLESTON S.C.	46	3	02	32 09.7	79 00.7	181	1
100	1772	GOS 45	17	06	64	2125	5	SE OF CHARLESTON S.C.	47	3	02	32 10.5	78 45.0	406	1
100	1773	GOS 45	17	06	64	2313	5	SE OF CHARLESTON S.C.	46	3	02	32 20.8	78 44.4	347	1
100	1774	GOS 45	18	06	64	0130	5	SE OF CHARLESTON S.C.	46	3	02	32 20.0	79 00.0	85	1
100	1775	GOS 45	18	06	64	0340	5	SE OF CHARLESTON S.C.	45	3	02	32 19.8	79 16.5	44	1
100	1776	GOS 45	18	06	64	0500	5	SE OF CHARLESTON S.C.	45	3	02	32 21.7	79 26.8	36	1
100	1777	GOS 45	20	06	64	1130	5	SE OF CHARLESTON S.C.	45	3	02	32 40.5	79 35.1	13	1
100	1778	GOS 45	20	06	64	1435	5	SE OF CHARLESTON S.C.	45	3	02	32 30.2	79 14.9	37	1
100	1779	GOS 45	20	06	64	1735	5	SE OF CHARLESTON S.C.	45	3	02	32 30.7	78 58.8	36	1
100	1780	GOS 45	20	06	64	1847	5	EAST OF CHARLESTON	45	3	02	32 39.7	79 00.2	29	1
100	1781	GOS 45	20	06	64	2020	5	EAST OF CHARLESTON	45	3	02	32 39.8	78 45.0	38	1
100	1782	GOS 45	20	06	64	2200	5	E OF CHARLESTON S.C.	46	2	02	32 43.1	78 29.6	69	1
100	1783	GOS 45	20	06	64	2300	5	E OF CHARLESTON S.C.	46	2	02	32 37.4	78 28.2	176	1
100	1784	GOS 45	21	06	64	0045	5	E OF CHARLESTON S.C.	46	2	02	32 34.0	78 15.2	244	1
100	1785	GOS 45	21	06	64	0206	5	SLOPE S.OF LONG BAY	46	2	02	32 40.5	78 14.0	190	1
100	1786	GOS 45	21	06	64	0337	5	SLOPE S.OF LONG BAY	46	2	02	32 50.2	78 15.0	117	1
100	1787	GOS 45	21	06	64	0535	5	SHELF S.OF LONG BAY	45	2	02	32 49.7	78 29.8	41	1
100	1788	GOS 45	21	06	64	0700	5	SHELF S.OF LONG BAY	45	2	02	32 59.9	78 29.9	34	1
100	1789	GOS 45	21	06	64	0839	5	SHELF S.OF LONG BAY	45	2	02	32 59.1	78 15.5	38	1
100	1790	GOS 45	21	06	64	1013	5	SHELF S.OF LONG BAY	45	2	02	33 10.7	78 15.5	33	1
100	1791	GOS 45	21	06	64	1125	5	SHELF S.OF LONG BAY	45	2	02	33 20.0	78 15.8	28	1
100	1792	GOS 45	21	06	64	1330	5	SHELF S.OF LONG BAY	45	2	02	33 21.8	78 01.4	28	1
100	1793	GOS 45	21	06	64	1525	5	SHELF S.OF LONG BAY	45	2	02	33 10.0	78 00.6	38	1
100	1794	GOS 45	21	06	64	1700	5	SLOPE S.OF LONG BAY	46	2	02	33 00.6	78 00.0	56	1
100	1795	GOS 45	21	06	64	1850	5	SLOPE S.OF LONG BAY	46	2	02	32 50.2	77 59.8	185	1
100	1796	GOS 45	21	06	64	2053	5	NORTH BLAKE PLATEAU	47	2	02	32 38.7	78 00.6	248	1
100	1797	GOS 45	21	06	64	2233	5	NORTH BLAKE PLATEAU	47	2	02	32 28.5	78 00.0	324	1
100	1798	GOS 45	22	06	64	0100	5	NORTH BLAKE PLATEAU	47	2	02	32 29.7	77 44.8	396	1
100	1799	GOS 45	22	06	64	0300	5	NORTH BLAKE PLATEAU	47	2	02	32 39.0	77 45.8	309	1
100	1800	GOS 45	22	06	64	0500	5	NORTH BLAKE PLATEAU	46	2	02	32 49.9	77 46.6	266	1
100	1801	GOS 45	22	06	64	0640	5	SLOPE S OF CAPE FEAR	46	2	02	33 00.5	77 45.7	151	1
100	1802	GOS 45	22	06	64	0805	5	SHELF S OF CAPE FEAR	45	2	02	33 10.5	77 45.9	43	1
100	1803	GOS 45	22	06	64	0930	5	SHELF S OF CAPE FEAR	45	2	02	33 19.7	77 45.2	29	1
100	1804	GOS 45	22	06	64	1039	5	SHELF S OF CAPE FEAR	45	2	02	33 23.5	77 37.9	22	1
100	1805	GOS 45	22	06	64	1155	5	SHELF SE OF CAPE FEAR	43	2	02	33 29.1	77 30.2	22	1
100	1806	GOS 45	22	06	64	1310	5	SHELF SE OF CAPE FEAR	45	2	02	33 20.3	77 30.3	25	1
100	1807	GOS 45	22	06	64	1533	5	SLOPE SE OF CAPE FEAR	46	2	02	33 11.3	77 30.0	48	1
100	1808	GOS 45	22	06	64	1620	5	SLOPE SE OF CAPE FEAR	46	2	02	32 58.4	77 30.1	245	1
100	1809	GOS 45	22	06	64	1740	5	NORTH BLAKE PLATEAU	47	2	02	32 50.0	77 30.1	310	1
100	1810	GOS 45	22	06	64	2000	5	NORTH BLAKE PLATEAU	47	2	02	32 49.6	77 15.5	416	1
100	1811	GOS 45	22	06	64	2140	5	NORTH BLAKE PLATEAU	47	2	02	33 00.5	77 16.2	320	1
100	1812	GOS 45	22	06	64	2311	5	SLOPE SE OF CAPE FEAR	42	2	02	33 10.7	77 15.7	241	1
100	1813	GOS 45	23	06	64	0040	5	SLOPE SE OF CAPE FEAR	42	2	02	33 19.2	77 15.0	54	1
100	1814	GOS 45	23	06	64	0225	5	SHELF SE OF CAPE FEAR	43	2	02	33 29.5	77 17.2	39	1
100	1815	GOS 45	23	06	64	0350	5	SHELF S OF ONSLOW BAY	43	2	02	33 39.6	77 15.2	35	1
100	1816	GOS 45	23	06	64	0510	5	SHELF S OF ONSLOW BAY	43	2	02	33 50.4	77 15.5	35	1
100	1817	GOS 45	23	06	64	0635	5	SHELF OFF ONSLOW BAY	43	2	02	34 00.0	77 14.4	28	1
100	1818	GOS 45	23	06	64	0838	5	SHELF OFF ONSLOW BAY	43	2	02	34 09.0	76 59.8	33	1
100	1819	GOS 45	23	06	64	0958	5	SHELF OFF ONSLOW BAY	43	2	02	33 59.7	76 59.7	33	1
100	1820	GOS 45	23	06	64	1130	5	S OF ONSLOW BAY	43	2	02	33 50.6	77 01.2	38	1
100	1821	GOS 45	23	06	64	1310	5	SHELF S ONSLOW BAY	43	2	02	33 39.0	76 59.4	38	1
100	1822	GOS 45	23	06	64	1435	5	SHELF BREAK S ONSLOW	43	2	02	33 30.0	76 59.9	46	1
100	1823	GOS 45	23	06	64	1610	5	SLOPE S.OF ONSLOW BAY	42	2	02	33 20.2	76 59.7	244	1
100	1824	GOS 45	23	06	64	1800	5	NORTH BLAKE PLATEAU	47	2	02	33 09.8	77 00.5	339	1
100	1825	GOS 45	23	06	64	2027	5	NORTH BLAKE PLATEAU	47	2	02	32 59.5	77 00.1	455	1
100	1826	GOS 45	23	06	64	2223	5	NORTH BLAKE PLATEAU	47	2	02	32 50.1	76 59.5	579	1
100	1827 A	GOS 45	24	06	64	0035	5	NORTH BLAKE PLATEAU	47	2	02	32 43.8	76 51.2	692	1
100	1827 B	GOS 45	24	06	64	0035	5	NORTH BLAKE PLATEAU	47	2	02	32 43.8	76 51.2	692	1
100	1828	GOS 45	24	06	64	0241	5	NORTH BLAKE PLATEAU	47	2	02	32 37.0	76 41.8	881	1
100	1829	GOS 45	24	06	64	0436	5	CAPE FEAR RIDGE	41	2	02	32 31.9	76 31.8	1431	1
100	1830 A	GOS 45	24	06	64	0720	5	CAPE FEAR RIDGE	41	2	02	32 25.7	76 22.1	2114	1
100	1830 B	GOS 45	24	06	64	0720	5	CAPE FEAR RIDGE	41	2	02	32 25.7	76 21.1	2114	1
100	1831	GOS 45	24	06	64	1125	5	CAPE FEAR RIDGE	41	2	02	32 24.8	76 12.1	2234	1
100	1832	GOS 45	24	06	64	1439	5	CAPE FEAR RIDGE	41	2	02	32 36.8	76 17.6	2009	1
100	1833	GOS 45	24	06	64	1620	5	CAPE FEAR RIDGE	41	2	02	32 48.3	76 17.0	1676	1
100	1834	GOS 45	24	06	64	1930	5	CAPE FEAR RIDGE	41	2	02	32 56.2	76 23.1	881	1
100	1835	GOS 45	24	06	64	2040	5	NORTH BLAKE PLATEAU	47	2	02	33 04.3	76 27.1	766	1
100	1836	GOS 45	24	06	64	2140	5	NORTH BLAKE PLATEAU	47	2	02	33 10.2	76 29.3	678	1
100	1837	GOS 45	24	06	64	2253	5	NORTH BLAKE PLATEAU	47	2	02	33 19.3	76 30.0	584	1
100	1838	GOS 45	25	06	64	0136	5	NORTH BLAKE PLATEAU	47	2	02	33 19.2	76 44.9	406	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1839	GOS 45	25	06	64	0335	5	NORTH BLAKE PLATEAU	42	2	02	33 30.6	76 45.0	259	1
100	1840	GOS 45	25	06	64	0510	5	NORTH BLAKE PLATEAU	47	2	02	33 30.7	76 29.5	463	1
100	1841	GOS 45	25	06	64	0625	5	NORTH BLAKE PLATEAU	47	2	02	33 38.5	76 29.3	338	1
100	1842	GOS 45	25	06	64	0843	5	SLOPE OFF ONSLOW BAY	42	2	02	33 39.2	76 44.5	130	1
100	1843	GOS 45	25	06	64	1015	5	SHELF OFF ONSLOW BAY	43	2	02	33 50.4	76 44.8	43	1
100	1844	GOS 45	25	06	64	1202	5	SLOPE OFF ONSLOW BAY	42	2	02	33 49.6	76 29.3	161	1
100	1845	GOS 45	25	06	64	1320	5	SHELF OFF ONSLOW BAY	43	2	02	33 59.5	76 29.3	41	1
100	1846	GOS 45	25	06	64	1513	5	SHELF OFF ONSLOW BAY	43	2	02	34 00.0	76 44.3	38	1
100	1847	GOS 45	25	06	64	1639	5	SHELF OFF ONSLOW BAY	43	2	02	34 09.1	76 44.0	33	1
100	1848	GOS 45	25	06	64	1803	5	SHELF OFF ONSLOW BAY	43	2	02	34 09.9	76 31.0	35	1
100	1849	GOS 45	25	06	64	2020	5	S OF CAPE LOOKOUT	43	2	02	34 10.4	76 14.1	54	1
100	1850	GOS 45	25	06	64	2200	5	SLOPE OFF ONSLOW BAY	47	2	02	34 00.5	76 14.0	207	1
100	1851	GOS 45	26	06	64	0026	5	NORTH BLAKE PLATEAU	47	2	02	33 50.4	76 15.4	413	1
100	1852	GOS 45	26	06	64	0328	5	NORTH BLAKE PLATEAU	47	2	02	33 44.8	76 08.6	592	1
100	1853	GOS 45	26	06	64	0440	5	NORTH BLAKE PLATEAU	47	2	02	33 44.7	75 57.3	853	1
100	1854	GOS 45	26	06	64	0630	5	NORTH BLAKE PLATEAU	47	2	02	33 51.0	75 59.4	617	1
100	1855	GOS 45	26	06	64	0750	5	NORTH BLAKE PLATEAU	47	2	02	34 00.2	75 59.7	499	1
100	1856	GOS 45	26	06	64	0835	5	SLOPE SE CAPE LOOKOUT	47	2	02	34 09.0	75 59.0	364	1
100	1857	GOS 45	26	06	64	0958	5	SHELF SE CAPE LOOKOUT	43	2	02	34 18.7	76 00.1	85	1
100	1858	GOS 45	26	06	64	1120	5	S OF RALEIGH BAY	43	2	02	34 28.6	75 59.8	54	1
100	1859	GOS 45	26	06	64	1251	5	SHELF RALEIGH BAY	43	2	02	34 39.5	76 00.6	33	1
100	1860	GOS 45	26	06	64	1437	5	SLOPE RALEIGH BAY	41	2	02	34 37.0	75 44.4	66	1
100	1861	GOS 45	26	06	64	1600	5	SHELF RALEIGH BAY	43	2	02	34 45.6	75 44.6	41	1
100	1862	GOS 45	26	06	64	1842	5	S OF CAPE HATTERAS	41	2	02	34 41.1	75 27.7	692	1
100	1863	GOS 45	26	06	64	2006	5	SLOPE OFF RALEIGH BAY	41	2	02	34 51.3	75 30.5	86	1
100	1864	GOS 45	26	06	64	2200	5	SO OF CAPE HATTERAS	41	2	02	34 53.7	75 16.4	900	1
100	1865	GOS 45	27	06	64	0007	5	SE OF CAPE HATTERAS	39	2	02	35 00.5	75 17.0	141	1
100	1866	GOS 45	27	06	64	0043	5	SE OF CAPE HATTERAS	39	2	02	35 03.0	75 18.0	85	1
100	1867	GOS 45	27	06	64	0214	5	OFF CAPE HATTERAS	39	2	02	35 05.6	75 06.8	504	1
100	1868	GOS 45	27	06	64	0346	5	OFF CAPE HATTERAS	39	2	02	35 12.7	74 59.0	470	1
100	1869	GOS 45	27	06	64	0500	5	NE OF CAPE HATTERAS	38	2	02	35 20.5	74 59.1	70	1
100	1870	GOS 45	27	06	64	0600	5	NE OF CAPE HATTERAS	38	2	02	35 28.7	74 58.0	42	1
100	1871	GOS 45	27	06	64	0755	5	NE OF CAPE HATTERAS	38	2	02	35 41.1	75 01.9	43	1
100	1872	GOS 45	27	06	64	0913	5	NE OF CAPE HATTERAS	38	2	02	35 50.0	75 00.0	46	1
100	1873	GOS 45	27	06	64	1025	5	NE OF CAPE HATTERAS	38	2	02	36 00.0	75 00.0	44	1
100	1874	GOS 45	27	06	64	1158	5	NE OF CAPE HATTERAS	38	2	02	36 09.2	74 58.0	43	1
100	1875	GOS 45	27	06	64	1319	5	SHELF E.OF VIRIGINIA	38	2	02	36 20.3	75 00.1	38	1
100	1876	GOS 45	27	06	64	1517	5	SHELF E.OF VIRIGINIA	38	2	02	36 29.8	74 59.5	38	1
100	1877	GOS 45	27	06	64	1700	5	SHELF E.OF VIRIGINIA	38	2	02	36 30.9	74 46.0	96	1
100	1878	GOS 45	27	06	64	1818	5	SHELF E.CAPE HENRY	38	2	02	36 40.0	74 45.1	86	1
100	1879	GOS 45	27	06	64	2000	5	SHELF E.CAPE HENRY	38	2	02	36 50.0	74 44.4	77	1
100	1880	GOS 45	27	06	64	2105	5	SHELF E.CAPE HENRY	38	2	02	36 56.8	74 44.9	82	1
100	1881	GOS 45	27	06	64	2215	5	NORFOLK CANYON	39	2	02	37 05.1	74 44.2	166	1
100	1882	GOS 45	27	06	64	2303	5	N.OF NORFOLK CANYON	34	2	02	37 09.0	74 45.5	78	1
100	1883	GOS 45	28	06	64	0040	5	N.OF NORFOLK CANYON	34	2	02	37 20.2	74 45.5	56	1
100	1884	GOS 45	28	06	64	0226	5	SLOPE E.CAPE CHARLES	35	2	02	37 18.7	74 29.4	217	1
100	1885	GOS 45	28	06	64	0402	5	WASHINGTON CANYON	35	2	02	37 26.7	74 29.2	406	1
100	1886	GOS 45	28	06	64	0455	5	N.OF WASHINGTON CNYN	34	2	02	37 30.9	74 30.1	64	1
100	1887	GOS 45	28	06	64	0639	5	SHELF NE CAPE CHARLES	34	2	02	37 40.9	74 30.5	60	1
100	1888	GOS 45	28	06	64	0844	5	SLOPE NE CAPE CHARLES	35	2	02	37 40.5	74 15.0	107	1
100	1889	GOS 45	28	06	64	1046	5	NE OF CAPE CHARLES	34	2	02	37 50.5	74 16.5	74	1
100	1890	GOS 45	28	06	64	1300	5	SHELF SE OF CAPE MAY	34	2	02	38 00.0	74 15.5	69	1
100	1891	GOS 45	28	06	64	1457	5	SHELF SE OF CAPE MAY	34	2	02	38 00.0	73 59.4	129	1
100	1892 A	GOS 45	28	06	64	1650	5	SHELF SE OF CAPE MAY	34	2	02	38 10.2	74 00.3	79	1
100	1892 B	GOS 45	28	06	64	1650	5	SHELF SE OF CAPE MAY	34	2	02	38 10.2	74 00.3	79	1
100	1893	GOS 45	28	06	64	1830	5	BALTIMORE CANYON	35	2	02	38 10.4	73 51.6	495	1
100	1894	GOS 45	28	06	64	1920	5	SHELF SE OF CAPE MAY	27	2	02	38 10.3	73 46.0	123	1
100	1895	GOS 45	28	06	64	2100	5	SHELF SE OF CAPE MAY	27	2	02	38 21.3	73 46.3	94	1
100	1896	AST 2	01	07	64	1345	4	PLYMOUTH,MASS.	20	1	01	41 58.2	70 36.4	8	1
100	1897	AST 2	01	07	64	1600	4	COAST S.OF BOSTON	21	1	01	42 10.3	70 42.1	13	1
100	1898	AST 2	02	07	64	0830	4	BOSTON HARBOR	21	1	01	42 20.00	71 00.12	6	1
100	1899	AST 2	02	07	64	1000	4	S.OF NAHANT,N/ BOSTON	21	1	01	42 24.8	70 56.0	13	1
100	1900	AST 2	02	07	64	1320	4	JUST N.OF CAPE ANN	12	1	01	42 40.08	70 41.57	7	1
100	1901	AST 2	02	07	64	1500	4	MERRIMACK RIVER	12	1	01	42 48.63	70 52.20	5	1
100	1902	AST 2	04	07	64	1530	4	BOOTHBAY HARBOR,MAINE	11	1	01	43 50.9	69 38.4	8	1
100	1903	AST 2	07	07	64	1730	4	SOMES SOUND,MAINE	4	1	01	44 20.90	68 19.00	21	1
100	1904	AST 2	07	07	64	1130	4	FRENCHMAN BAY,MAINE	4	1	03	44 21.43	68 09.40	47	1
100	1905	AST 2	08	07	64	1310	4	FRENCHMAN BAY,MAINE	4	1	01	44 28.07	68 12.68	18	1
100	1906	AST 2	09	07	64	1550	4	BLUE HILL BAY, MAINE	4	1	03	44 18.6	68 31.2	45	1
100	1907	AST 2	09	07	64	1750	4	BLUE HILL BAY,MAINE	4	1	01	44 28.20	68 26.75	15	1
100	1908	AST 2	10	07	64	0710	4	JERICHO BAY,MAINE	4	1	01	44 11.08	68 31.00	28	1
100	1909	AST 2	10	07	64	0925	4	W.OF STONINGTON,MAINE	11	1	01	44 08.97	68 43.47	32	1
100	1910	AST 2	10	07	64	1107	4	PENOBSCOT BAY,MAINE	11	1	01	44 18.12	68 46.83	41	1
100	1911	AST 2	10	07	64	1315	4	SE PENOBSCOT BAY,ME.	11	1	01	44 10.00	68 59.48	61	1
100	1912	AST 2	10	07	64	1950	4	N.PENOBSCOT BAY,ME.	11	1	01	44 24.08	68 56.68	18	1
100	1913	AST 2	11	07	64	1430	4	MOUTH PENOBSCOT RIVER	11	1	01	44 28.67	68 47.72	18	1
100	1914	AST 2	11	07	64	1645	4	PENOBSCOT RIVER	11	1	01	44 36.00	68 49.30	9	1
100	1915	AST 2	11	07	64	1805	4	PENOBSCOT RIVER	11	1	01	44 38.47	68 50.15	10	1
100	1916	AST 2	12	07	64	0720	4	PENOBSCOT RIVER	11	1	01	44 38.17	68 50.42	4	1
100	1917	AST 2	12	07	64	1240	4	OFF BENJAMIN RIVER,ME	4	1	01	44 16.45	68 38.07	16	1
100	1918	AST 2	13	07	64	1428	4	OFF TENANTS HARBOR,ME	11	1	01	43 58.00	69 10.50	8	1
100	1919	AST 2	13	07	64	1630	4	MUSCONGUS BAY,MAINE	11	1	01	43 56.70	69 25.08	13	1
100	1920	AST 2	13	07	64	1858	4	MOUTH SHEEPSCOT RIVER	11	1	01	43 48.40	69 41.90	55	1
100	1921	AST 2	14	07	64	1220	4	KENNEBEC RIVER	11	1	01	43 56.60	69 48.48	20	1
100	1922	AST 2	14	07	64	1330	4	KENNEBEC RIVER,ME.	11	1	01	44 01.17	69 49.22	7	1
100	1923	AST 2	15	07	64	0905	4	KENNEBEC RIVER,ME.	11	1	01	43 45.58	69 47.15	13	1
100	1924	AST 2	15	07	64	1150	4	CASCO BAY,MAINE	11	1	01	43 45.60	69 52.43	15	1
100	1925	AST 2	15	07	64	1757	4	CASCO BAY,MAINE	11	1	01	43 47.07	70 01.63	18	1
100	1926	AST 2	15	07	64	1932	4	W.CASCO BAY,MAINE	11	1	01	43 42.32	70 10.57	18	1
100	1927	AST 2	16	07	64	1105	4	SACO BAY,MAINE	12	1	01	43 29.5	70 20.7	16	1

M.306 . 35002

CODE #	STATION #	CRUISE #		DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	1928	AST	2	16	07	64	1510	4	CAPE NEDDICK,MAINE	12	1	01	43 08.6	70 35.4	32	1
100	1929	AST	2	17	07	64	1000	4	SE CAPE COD BAY	20	1	01	41 48.6	70 04.3	8	1
100	1930	AST	2	17	07	64	1122	4	S.CAPE COD BAY	20	1	01	41 45.2	70 15.5	11	1
100	1931	AST	2	20	07	64	1435	4	SAKONNET RIVER,R.I.	22	1	01	41 30.0	71 13.2	10	1
100	1932	AST	2	20	07	64	1600	4	MT.HOPE BAY,R.I.	22	1	01	41 40.10	71 13.22	7	1
100	1933	AST	2	20	07	64	1710	4	NARRAGANSETT BAY,R.I.	22	1	01	41 41.33	71 19.50	6	1
100	1934	AST	2	20	07	64	1810	4	NARRAGANSETT BAY,R.I.	22	1	01	41 35.58	71 23.25	9	1
100	1935	AST	2	20	07	64	1915	4	NARRAGANSETT BAY,R.I.	22	1	01	41 28.53	71 24.58	13	1
100	1936	AST	2	22	07	64	0730	4	OFF POINT JUDITH,R.I.	22	1	03	41 20.0	71 33.9	21	1
100	1937	AST	2	22	07	64	0900	4	OFF WEEKAPANG,R.I.	22	1	01	41 18.6	71 46.6	16	1
100	1938	AST	2	22	07	64	1030	4	FISHERS ISLAND SOUND	26	1	01	41 17.75	71 59.67	21	1
100	1939	AST	2	22	07	64	1230	4	THAMES RIVER,CONN.	26	1	01	41 25.33	72 05.58	3	1
100	1940	AST	2	22	07	64	1622	4	OFF CONN.COAST	26	1	01	41 15.9	72 15.5	18	1
100	1941	AST	2	23	07	64	0700	4	CONN.RIVER	26	1	01	41 23.33	72 24.65	5	1
100	1942	AST	2	23	07	64	0932	4	LONG ISLAND SOUND	26	1	01	41 10.3	72 30.0	20	1
100	1943	AST	2	23	07	64	1105	4	LONG ISLAND SOUND	26	1	01	41 13.6	72 45.9	13	1
100	1944	AST	2	23	07	64	1208	4	MID LONG ISLAND SOUND	26	1	01	41 06.5	72 44.6	29	1
100	1945	AST	2	23	07	64	1322	4	LONG ISLAND SOUND	26	1	01	40 59.2	72 45.6	18	1
100	1946	AST	2	23	07	64	1502	4	LONG ISLAND SOUND	26	1	01	41 00.0	72 59.5	18	1
100	1947	AST	2	23	07	64	1707	4	LONG ISLAND SOUND	26	1	01	41 11.6	73 00.0	11	1
100	1948	AST	2	23	07	64	1910	4	LONG ISLAND SOUND	26	1	01	41 01.3	73 15.2	28	1
100	1949	AST	2	24	07	64	0822	4	LONG ISLAND SOUND	26	1	01	40 58.4	73 31.1	23	1
100	1950	AST	2	24	07	64	0933	4	W.LONG ISLAND SOUND	26	1	01	40 54.2	73 41.5	13	1
100	1951 A	AST	2	24	07	64	1542	4	HUDSON R.AT YONKERS	26	1	01	40 56.75	73 54.52	13	1
100	1951 B	AST	2	24	07	64	1542	4	HUDSON R.AT YONKERS	26	1	01	40 56.75	73 54.52	13	1
100	1952	AST	2	26	07	64	0726	4	HUDSON RIVER	26	1	01	40 46.88	73 59.75	16	1
100	1953	AST	2	26	07	64	0840	4	LOWER NEW YORK HARBOR	26	1	01	40 38.38	74 03.48	15	1
100	1954	AST	2	26	07	64	1015	4	RARITAN BAY,N.J.	26	1	01	40 29.17	74 08.42	9	1
100	1955	AST	2	26	07	64	1209	4	RARITAN BAY,N.J.	26	1	01	40 30.30	74 18.88	4	1
100	1956	AST	2	26	07	64	1610	4	NE OF SANDY HOOK,N.J.	27	1	01	40 29.08	73 58.23	9	1
100	1957	AST	2	27	07	64	0644	4	OFF N.N.J. COAST	27	1	01	40 21.20	73 57.17	14	1
100	1958	AST	2	27	07	64	0807	4	OFF ASBURY PARK,N.J.	27	1	01	40 12.80	73 58.32	16	1
100	1959	AST	2	27	07	64	1008	4	NEW JERSEY COAST	27	1	01	39 59.63	74 02.38	19	1
100	1960	AST	2	27	07	64	1134	4	OFF NEW JERSEY COAST	27	2	01	39 50.15	74 04.05	12	1
100	1961	AST	2	27	07	64	1325	4	NEW JERSEY COAST	27	2	01	39 37.90	74 08.23	15	1
100	1962	AST	2	27	07	64	1620	4	OFF ABSECON INLET	27	2	01	39 21.28	74 23.33	7	1
100	1963	AST	2	27	07	64	1724	4	OFF GREAT EGG HARBOR	21	2	01	39 16.97	74 30.98	13	1
100	1964	AST	2	27	07	64	1857	4	S.COAST OF NEW JERSEY	27	2	01	39 08.88	74 40.33	9	1
100	1965	AST	2	27	07	64	2015	4	S.COAST OF NEW JERSEY	27	2	01	39 00.00	74 45.00	15	1
100	1966	AST	2	29	07	64	1033	4	S.OF CAPE MAY,N.J.	34	2	01	38 54.4	74 55.5	10	1
100	1967	AST	2	29	07	64	1152	4	DELAWARE BAY	32	2	01	38 50.8	75 05.4	24	1
100	1968	AST	2	29	07	64	1318	4	DELAWARE BAY	32	2	01	39 00.0	75 13.6	22	1
100	1969	AST	2	29	07	64	1458	4	DELAWARE BAY	32	2	01	38 59.8	74 59.3	8	1
100	1970	AST	2	29	07	64	1628	4	NE DELAWARE BAY	32	2	01	39 09.5	75 01.0	4	1
100	1971	AST	2	29	07	64	1810	4	DELAWARE BAY	32	2	01	39 10.8	75 13.8	7	1
100	1972	AST	2	30	07	64	0717	4	DELAWARE BAY	32	2	01	39 16.1	75 21.8	9	1
100	1973 A	AST	2	30	07	64	0925	4	DELAWARE RIVER	32	2	01	39 24.6	75 29.8	7	1
100	1973 B	AST	2	30	07	64	0925	4	DELAWARE RIVER	32	2	01	39 24.6	75 29.8	7	1
100	1974	AST	2	30	07	64	1103	4	DELAWARE RIVER	32	2	01	39 33.32	75 32.85	12	1
100	1975	AST	2	30	07	64	1505	4	CHESAPEAKE BAY	36	2	01	39 24.5	76 02.9	8	1
100	1976	AST	2	30	07	64	1623	4	CHESAPEAKE BAY	36	2	01	39 18.2	76 13.6	7	1
100	1977	AST	2	30	07	64	1730	4	CHESAPEAKE BAY	36	2	01	39 09.7	76 18.9	8	1
100	1978	AST	2	30	07	64	1845	4	CHESAPEAKE BAY	36	2	01	38 59.8	76 22.5	16	1
100	1979	AST	2	31	07	64	1215	4	CHESAPEAKE BAY	36	2	01	38 50.1	76 25.2	13	1
100	1980	AST	2	31	07	64	1332	4	CHESAPEAKE BAY	36	2	01	38 40.6	76 25.4	19	1
100	1981	AST	2	31	07	64	1455	4	CHESAPEAKE BAY	36	2	01	38 29.9	76 24.5	21	1
100	1982	AST	2	31	07	64	1621	4	CHESAPEAKE BAY	36	2	01	38 19.6	76 19.6	15	1
100	1983	AST	2	31	07	64	1810	4	CHESAPEAKE BAY	36	2	01	38 07.5	76 13.3	23	1
100	1984	AST	2	31	07	64	1948	4	MOUTH POTOMAC RIVER	36	2	01	38 03.33	76 23.97	19	1
100	1985	AST	2	01	08	64	0940	4	CHESAPEAKE BAY	36	2	01	37 56.2	76 09.5	17	1
100	1986	AST	2	01	08	64	1055	4	CHESAPEAKE BAY	36	2	01	37 46.4	76 11.2	30	1
100	1987	AST	2	01	08	64	1300	4	POCOMOKE SOUND	36	2	01	37 44.7	75 52.8	15	1
100	1988	AST	2	01	08	64	1430	4	CHESAPEAKE BAY	36	2	01	37 36.7	76 03.1	15	1
100	1989	AST	2	01	08	64	1630	4	RAPPAHANNOCK RIVER	36	2	01	37 35.6	76 19.8	21	1
100	1990	AST	2	02	08	64	0837	4	CHESAPEAKE BAY	36	2	01	37 25.2	76 06.9	13	1
100	1991	AST	2	02	08	64	0944	4	CHESAPEAKE BAY	36	2	01	37 17.0	76 06.6	16	1
100	1992	AST	2	02	08	64	1130	4	MOUTH YORK RIVER	36	2	01	37 13.9	76 19.7	12	1
100	1993	AST	2	02	08	64	1300	4	CHESAPEAKE BAY	36	2	01	37 06.5	76 08.2	13	1
100	1994	AST	2	02	08	64	1440	4	JAMES RIVER	36	2	01	36 58.4	76 21.0	13	1
100	1995	AST	2	02	08	64	1636	4	SO.CHESAPEAKE BAY	36	2	01	36 59.3	76 08.4	10	1
100	1996	AST	2	03	08	64	0445	4	MOUTH CHESAPEAKE BAY	38	2	01	37 01.5	75 55.8	9	1
100	1997	AST	2	03	08	64	0628	4	JUST N.CAPE CHARLES	34	2	03	37 09.8	75 43.8	12	1
100	1998	AST	2	03	08	64	0750	4	E.OF DELMAR PENINSULA	34	2	03	37 19.7	75 38.5	13	1
100	1999	AST	2	03	08	64	0932	4	E.OF DELMAR PENINSULA	34	2	03	37 29.7	75 34.9	13	1
100	2000	AST	2	03	08	64	1105	4	E.OF DELMAR PENINSULA	34	2	01	37 40.2	75 32.0	14	1
100	2001	AST	2	03	08	64	1255	4	E.OF DELMAR PENINSULA	34	2	01	37 49.2	75 24.9	12	1
100	2002	AST	2	05	08	64	0758	4	OFF OCEAN CITY,MD.	34	2	01	38 19.1	75 03.9	10	1
100	2003	AST	2	05	08	64	0935	4	OFF DELAWARE COAST	34	2	01	38 29.8	74 59.4	14	1
100	2004	AST	2	05	08	64	1110	4	OFF DELAWARE COAST	34	2	01	38 40.3	75 00.9	16	1
100	2005	AST	2	07	08	64	1014	4	OFF FAR ROCKAWAY N.Y.	25	1	01	40 34.0	73 44.7	13	1
100	2006	AST	2	07	08	64	1235	4	OFF FIRE ISLAND INLET	25	1	01	40 36.0	73 20.2	14	1
100	2007	AST	2	07	08	64	1610	4	OFF NEW YORK CITY	25	1	03	40 30.1	73 45.9	24	1
100	2008	AST	2	08	08	64	1558	4	GARDINERS BAY,E.L.I.	22	1	01	41 08.5	72 11.7	14	1
100	2009	AST	2	08	08	64	1710	4	BLOCK ISLAND SOUND	22	1	01	41 10.0	71 58.0	16	1
100	2010	AST	2	08	08	64	1833	4	BLOCK ISLAND SOUND	22	1	03	41 10.2	71 45.1	23	1
100	2011	AST	2	09	08	64	0825	4	NE OF BLOCK ISLAND	22	1	01	41 13.8	71 31.5	34	1
100	2025	GOS	49	02	08	64	1845	4	OFF CAPE MAY	27	2	01	38 50.0	74 30.0	23	1
100	2026	GOS	49	02	08	64	2110	4	SE OF CAPE MAY	27	2	01	38 49.8	74 45.4	18	1
100	2027 A	GOS	49	02	08	64	2245	4	E.OF REHOBETH BEACH	34	2	01	38 39.9	74 45.2	26	1
100	2027 B	GOS	49	02	08	64	2245	4	E.OF REHOBETH BEACH	34	2	01	38 39.9	74 45.2	26	1

MG306 00502

CODE #	STATION #		CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2028		G8S 49	03	08	64	0038	4	OFF REHOBETH BEACH	27	2	01	38 40.0	74 30.0	35	1
100	2029		G8S 49	03	08	64	0215	4	OFF REHOBETH BEACH	27	2	02	38 40.0	74 14.3	39	1
100	2030		G8S 49	03	08	64	0356	4	OFF MARYLAND	27	2	02	38 29.6	74 15.0	48	1
100	2031		G8S 49	03	08	64	0532	4	E.OF OCEAN CITY	34	2	02	38 20.0	74 15.0	58	1
100	2032		G8S 49	03	08	64	0729	4	E.OF OCEAN CITY	34	2	02	38 19.8	74 30.0	36	1
100	2033		G8S 49	03	08	64	0927	4	E.OF OCEAN CITY	34	2	01	38 19.2	74 45.5	23	1
100	2034		G8S 49	03	08	64	1046	4	E.OF OCEAN CITY	34	2	02	38 10.0	74 45.6	32	1
100	2035		G8S 49	03	08	64	1215	4	OFF CHINCOTEAGUE BAY	34	2	02	38 09.5	74 59.5	18	1
100	2036		G8S 49	03	08	64	1341	4	OFF CHINCOTEAGUE BAY	34	2	02	38 00.0	75 00.4	18	1
100	2037		G8S 49	03	08	64	1808	4	OFF CHINCOTEAGUE BAY	34	2	02	38 00.2	74 45.0	30	1
100	2038		G8S 49	03	08	64	1958	4	SHELF E.WALLOPS IS.	34	2	02	37 50.0	74 45.2	41	1
100	2039		G8S 49	03	08	64	2126	4	SHELF E.WALLOPS IS.	34	2	01	37 50.1	75 00.0	26	1
100	2040	A	G8S 49	04	08	64	1159	4	E.CHINCOTEAGUE INLET	34	2	01	37 49.4	75 14.6	17	1
100	2040	B	G8S 49	04	08	64	1159	4	E.CHINCOTEAGUE INLET	34	2	01	37 49.4	75 14.6	17	1
100	2041		G8S 49	04	08	64	1321	4	SHELF NE CAPE CHARLES	34	2	02	37 40.0	75 14.2	24	1
100	2042		G8S 49	04	08	64	1603	4	SHELF NE CAPE CHARLES	34	2	02	37 40.0	75 00.0	30	1
100	2043		G8S 49	04	08	64	1747	4	SHELF NE CAPE CHARLES	34	2	02	37 30.5	75 00.0	27	1
100	2044		G8S 49	04	08	64	1931	4	SHELF NE CAPE CHARLES	34	2	02	37 30.5	75 15.5	30	1
100	2045		G8S 49	04	08	64	2120	4	SHELF NE CAPE CHARLES	34	2	02	37 30.5	75 29.5	16	1
100	2046		G8S 49	04	08	64	2251	4	SHELF NE CAPE CHARLES	34	2	01	37 20.0	75 30.1	18	1
100	2047		G8S 49	05	08	64	0041	4	SHELF NE CAPE CHARLES	34	2	02	37 19.0	75 15.5	29	1
100	2048		G8S 49	05	08	64	0209	4	SHELF E.CAPE CHARLES	34	2	02	37 09.3	75 15.1	30	1
100	2049	A	G8S 49	05	08	64	0407	4	SHELF E.CAPE CHARLES	34	2	02	37 10.0	75 29.0	27	1
100	2049	B	G8S 49	05	08	64	0407	4	SHELF E.CAPE CHARLES	34	2	02	37 10.0	75 29.0	27	1
100	2050		G8S 49	05	08	64	0542	4	SHELF SE CAPE CHARLES	38	2	01	37 00.0	75 30.0	30	1
100	2051		G8S 49	05	08	64	0747	4	SHELF SE CAPE CHARLES	38	2	02	37 00.0	75 15.0	36	1
100	2052		G8S 49	05	08	64	0902	4	SHELF E.OF CAPE HENRY	38	2	02	36 49.8	75 14.6	29	1
100	2053		G8S 49	05	08	64	1039	4	SHELF SE CAPE HENRY	38	2	02	36 40.0	75 14.9	35	1
100	2054		G8S 49	05	08	64	1230	4	SHELF SE CAPE HENRY	38	2	02	36 39.4	75 30.7	20	1
100	2055		G8S 49	05	08	64	1425	4	SHELF E.OF CAPE HENRY	38	2	01	36 50.0	75 30.0	30	1
100	2056		G8S 49	05	08	64	1639	4	OFF CHESAPEAKE BAY	38	2	01	37 02.0	75 45.1	16	1
100	2057		G8S 49	05	08	64	1836	4	SHELF SE CAPE HENRY	38	2	01	36 48.5	75 45.0	22	1
100	2058		G8S 49	05	08	64	1952	4	SHELF SE CAPE HENRY	38	2	02	36 40.0	75 45.3	21	1
100	2059		G8S 49	05	08	64	2121	4	SHELF SE CAPE HENRY	38	2	02	36 30.0	75 45.0	19	1
100	2060		G8S 49	05	08	64	2250	4	OFF CURRITUCK SOUND	38	2	02	36 19.8	75 45.1	16	1
100	2061		G8S 49	06	08	64	0119	4	SHELF SE CAPE HENRY	38	2	02	36 30.5	75 30.0	29	1
100	2062		G8S 49	06	08	64	0258	4	OFF CURRITUCK SOUND	38	2	02	36 19.6	75 30.0	30	1
100	2063	A	G8S 49	06	08	64	0431	4	OFF ALBEMARLE SOUND	38	2	02	36 10.0	75 30.0	26	1
100	2063	B	G8S 49	06	08	64	0431	4	OFF ALBEMARLE SOUND	38	2	02	36 10.0	75 30.0	26	1
100	2064		G8S 49	06	08	64	0557	4	OFF ALBEMARLE SOUND	38	2	02	36 00.0	75 29.7	23	1
100	2065	A	G8S 49	06	08	64	0719	4	E.OF OREGON INLET	38	2	02	35 50.0	75 30.0	23	1
100	2065	B	G8S 49	06	08	64	0719	4	E.OF OREGON INLET	38	2	02	35 50.0	75 30.0	23	1
100	2066		G8S 49	06	08	64	1400	4	SLOPE E.OREGON INLET	39	2	02	35 42.1	74 44.7	1397	1
100	2067		G8S 49	06	08	64	1730	4	SLOPE E.OREGON INLET	39	2	02	35 49.3	74 49.0	780	1
100	2068		G8S 49	06	08	64	1905	4	SLOPE E.OREGON INLET	39	2	02	35 51.0	74 43.5	1245	1
100	2069		G8S 49	06	08	64	2105	4	SLOPE OFF N.CAROLINA	39	2	02	36 00.0	74 43.2	915	1
100	2070		G8S 49	06	08	64	2343	4	SLOPE OFF N.CAROLINA	39	2	02	35 54.5	74 34.3	1745	1
100	2071		G8S 49	07	08	64	0322	4	CONT.RISE OFF N.C.	29	2	02	35 59.7	74 14.5	2395	1
100	2072		G8S 49	07	08	64	0632	4	CONT.RISE OFF N.C.	29	2	02	36 01.2	74 01.0	2725	1
100	2073		G8S 49	07	08	64	1006	4	CONT. RISE OFF N.C.	29	2	02	36 14.6	74 00.0	2610	1
100	2074	A	G8S 49	07	08	64	1300	4	CONT. RISE OFF N.C.	29	2	02	36 14.0	74 15.2	2145	1
100	2074	B	G8S 49	07	08	64	1300	4	CONT. RISE OFF N.C.	29	2	02	36 14.0	74 15.2	2145	1
100	2075		G8S 49	07	08	64	1448	4	SLOPE OFF N.CAROLINA	39	2	02	36 15.5	74 24.1	1920	1
100	2076		G8S 49	07	08	64	1703	4	SLOPE OFF N.CAROLINA	39	2	02	36 08.8	74 35.8	1560	1
100	2077		G8S 49	07	08	64	1852	4	SLOPE OFF N.CAROLINA	39	2	02	36 15.0	74 42.5	960	1
100	2078		G8S 49	07	08	64	2026	4	SLOPE OFF N.CAROLINA	39	2	02	36 21.7	74 45.3	365	1
100	2079		G8S 49	07	08	64	2214	4	SLOPE E.OF KNOTTS IS.	39	2	02	36 30.1	74 36.4	1545	1
100	2080		G8S 49	08	08	64	0010	4	SLOPE SE CAPE HENRY	39	2	02	36 35.4	74 43.5	104	1
100	2081		G8S 49	08	08	64	0037	4	SLOPE SE CAPE HENRY	39	2	02	36 35.4	74 42.0	190	1
100	2082		G8S 49	08	08	64	0100	4	SLOPE SE CAPE HENRY	39	2	02	36 35.2	74 40.6	400	1
100	2083		G8S 49	08	08	64	0329	4	SLOPE E.CAPE HENRY	39	2	02	36 45.3	74 36.5	544	1
100	2084		G8S 49	08	08	64	0556	4	SLOPE E.CAPE HENRY	39	2	02	36 44.7	74 29.6	1615	1
100	2085		G8S 49	08	08	64	0753	4	CONT.RISE OFF VA.	29	2	02	36 44.0	74 14.4	2145	1
100	2086		G8S 49	08	08	64	1112	4	CONT.RISE OFF VA.	29	2	02	36 50.2	74 00.0	2515	1
100	2087		G8S 49	08	08	64	1417	4	CONT.RISE OFF VA.	29	2	02	37 04.0	74 01.8	2155	1
100	2088		G8S 49	08	08	64	1642	4	SLOPE E.CAPE CHARLES	35	2	02	37 11.0	74 15.2	1600	1
100	2089		G8S 49	08	08	64	1906	4	SLOPE E.CAPE CHARLES	35	2	02	37 11.0	74 26.0	1150	1
100	2090		G8S 49	08	08	64	2013	4	SLOPE E.CAPE CHARLES	35	2	02	37 15.5	74 27.5	850	1
100	2091		G8S 49	08	08	64	2203	4	SE.WASHINGTON CANYON	35	2	02	37 22.3	74 23.7	885	1
100	2092		G8S 49	08	08	64	2325	4	SLOPE E.PARRAMORE IS.	35	2	02	37 30.0	74 19.2	505	1
100	2093		G8S 49	09	08	64	0053	4	SLOPE E.PARRAMORE IS.	35	2	02	37 29.5	74 07.9	1100	1
100	2094		G8S 49	09	08	64	0238	4	SLOPE E.PARRAMORE IS.	35	2	02	37 35.9	73 59.0	1515	1
100	2095		G8S 49	09	08	64	0504	4	CONT.RISE E.OF VA.	29	2	02	37 29.5	73 44.8	1995	1
100	2096		G8S 49	09	08	64	0733	4	CONT.RISE E.OF VA.	29	2	02	37 31.3	73 33.5	2365	1
100	2097		G8S 49	09	08	64	1106	4	CONT.RISE E.OF VA.	29	2	02	37 43.4	73 30.5	2275	1
100	2098		G8S 49	09	08	64	1307	4	S.OF BALTIMORE CANYON	35	2	02	37 45.0	73 38.2	1985	1
100	2099		G8S 49	09	08	64	1548	4	S.OF BALTIMORE CANYON	35	2	02	37 47.9	73 47.5	1408	1
100	2100		G8S 49	09	08	64	1711	4	S.OF BALTIMORE CANYON	35	2	02	37 52.0	73 52.4	900	1
100	2101		G8S 49	09	08	64	1815	4	S.OF BALTIMORE CANYON	35	2	02	37 55.4	73 54.0	880	1
100	2102	A	G8S 49	09	08	64	1853	4	S.OF BALTIMORE CANYON	35	2	02	37 57.6	73 56.5	580	1
100	2102	B	G8S 49	09	08	64	1853	4	S.OF BALTIMORE CANYON	35	2	02	37 57.6	73 56.5	580	1
100	2103		G8S 49	09	08	64	1950	4	S.OF BALTIMORE CANYON	35	2	02	37 59.6	73 54.0	311	1
100	2104		G8S 49	10	08	64	0009	4	SHELF OFF MARYLAND	34	2	02	38 10.0	74 28.5	41	1
100	2105		G8S 49	10	08	64	0327	4	SHELF OFF DELAWARE	34	2	01	38 30.0	74 45.0	29	1
100	2106		G8S 49	12	08	64	1444	4	SHELF OFF DELAWARE	34	2	01	38 29.8	74 29.2	38	1
100	2107		G8S 49	12	08	64	2121	4	NE OF BALTIMORE CNYN	28	2	02	38 12.0	73 37.2	870	1
100	2108		G8S 49	12	08	64	2320	4	NE OF BALTIMORE CNYN	35	2	02	38 04.1	73 32.5	1660	1
100	2109	A	G8S 49	13	08	64	0316	4	SE WILMINGTON CANYON	28	2	02	38 13.3	73 17.5	1865	1
100	2109	B	G8S 49	13	08	64	0316	4	SE WILMINGTON CANYON	28	2	02	38 13.3	73 17.5	1865	1
100	2110		G8S 49	13	08	64	0842	4	CONT.RISE OFF DEL.	29	2	02	38 03.1	72 57.8	2545	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2111	GOS 49	13	08	64	1520	4	CONT.RISE OFF DEL.	29	2	02	38 19.8	73 06.5	2225	1
100	2112	GOS 49	13	08	64	1823	4	SLOPE OFF DELAWARE	28	2	02	38 24.7	73 19.0	1060	1
100	2113	GOS 49	13	08	64	2238	4	SLOPE OFF DELAWARE	28	2	02	38 35.2	72 53.4	2060	1
100	2114	GOS 49	14	08	64	0245	4	SLOPE E. OF CAPE MAY	28	2	02	38 53.6	72 45.0	1010	1
100	2115	GOS 49	14	08	64	0452	4	SLOPE E. OF CAPE MAY	28	2	02	38 44.8	72 38.0	2155	1
100	2116	GOS 49	14	08	64	0936	4	CONT.RISE OFF DEL.	29	2	02	38 18.2	72 42.0	2680	1
100	2117	GOS 49	14	08	64	1254	4	CONT.RISE OFF DEL.	29	2	02	38 15.6	72 29.0	2910	1
100	2118	GOS 49	14	08	64	1545	4	CONT.RISE OFF DEL.	29	2	02	38 14.4	72 16.0	2975	1
100	2119	GOS 49	14	08	64	2050	4	CONT.RISE OFF DEL.	29	2	02	38 34.0	72 14.8	2715	1
100	2120	GOS 49	15	08	64	0037	4	CONT.RISE E.CAPE MAY	29	1	02	38 51.2	72 15.6	2495	1
100	2121	GOS 49	15	08	64	0309	4	SLOPE E.OF CAPE MAY	28	1	02	39 02.2	72 21.8	1328	1
100	2122	GOS 49	15	08	64	0448	4	SLOPE E.ATLANTIC CITY	28	1	02	39 10.5	72 22.0	635	1
100	2123	GOS 49	15	08	64	0620	4	SLOPE E.ATLANTIC CITY	28	1	02	39 15.0	72 14.0	650	1
100	2124	GOS 49	15	08	64	0820	4	SLOPE S.OF HUDSON CN.	28	1	02	39 08.4	72 08.2	1780	1
100	2125	GOS 49	15	08	64	1258	4	CONT.RISE E.CAPE MAY	29	1	02	38 45.9	71 44.5	2682	1
100	2126	GOS 49	15	08	64	1639	4	MOUTH HUDSON CANYON	29	1	02	39 01.1	71 44.7	2355	1
100	2127	GOS 49	15	08	64	1943	4	MOUTH HUDSON CANYON	29	1	02	39 15.0	71 45.2	2055	1
100	2128	GOS 49	15	08	64	2210	4	E. OF HUDSON CANYON	24	1	02	39 26.3	71 45.2	1605	1
100	2129	GOS 49	16	08	64	0033	4	NE.OF HUDSON CANYON	24	1	02	39 44.6	71 44.7	678	1
100	2130	GOS 49	16	08	64	0231	4	SLOPE S.OF BLOCK IS.	24	1	02	39 39.6	71 29.6	1407	1
100	2131	GOS 49	16	08	64	0425	4	SLOPE SE.OF BLOCK IS	24	1	02	39 50.0	71 25.0	740	1
100	2132 A	GOS 49	16	08	64	0654	4	W.OF MOUTH BLOCK CN.	24	1	02	39 38.5	71 13.5	1995	1
100	2132 B	GOS 49	16	08	64	0654	4	W.OF MOUTH BLOCK CN.	24	1	02	39 38.5	71 13.5	1995	1
100	2133	GOS 49	16	08	64	0955	4	S.OF BLOCK CANYON	29	1	02	39 25.2	71 09.9	2520	1
100	2134	GOS 49	16	08	64	1302	4	SW.OF BLOCK CANYON	29	1	02	39 15.5	71 21.9	2590	1
100	2135	GOS 49	16	08	64	1620	4	SE.OF BLOCK CANYON	29	1	02	39 10.5	71 05.4	2722	1
100	2136	GOS 49	16	08	64	2137	4	SE.OF BLOCK CANYON	29	1	02	39 37.1	70 51.8	2335	1
100	2137	GOS 49	16	08	64	2344	4	SE.OF BLOCK CANYON	24	1	02	39 46.0	70 51.8	1605	1
100	2138	GOS 49	17	08	64	0130	4	SW OF ATLANTIS CNYN.	24	1	02	39 55.0	70 51.9	500	1
100	2139	GOS 49	17	08	64	0454	4	SW OF ATLANTIS CNYN.	24	1	02	39 55.8	70 25.6	440	1
100	2140	GOS 49	17	08	64	0742	4	JUST W.ATLANTIS CNYN	24	1	02	39 45.4	70 15.5	1965	1
100	2141	GOS 49	17	08	64	1012	4	SW OF ATLANTIS CNYN.	24	1	02	39 41.8	70 28.8	2020	1
100	2142	GOS 49	17	08	64	1310	4	SW OF ATLANTIS CNYN.	29	1	02	39 31.3	70 31.3	2412	1
100	2143	GOS 49	17	08	64	1729	4	SW OF ATLANTIS CNYN.	29	1	02	39 15.1	70 29.4	2695	1
100	2144	GOS 49	17	08	64	2132	4	SW OF ATLANTIS CNYN.	29	1	02	38 59.2	70 29.3	2850	1
100	2145	GOS 49	18	08	64	0223	4	SE OF ATLANTIS CANYON	29	1	02	38 53.0	69 59.0	2925	1
100	2146	GOS 49	18	08	64	0641	4	SE OF ATLANTIS CANYON	29	1	02	39 15.1	69 59.4	2645	1
100	2147	GOS 49	18	08	64	1002	4	SE OF ATLANTIS CANYON	29	1	02	39 30.8	70 00.0	2435	1
100	2148	GOS 49	18	08	64	1344	4	SE OF ATLANTIS CANYON	24	1	02	39 46.7	70 04.5	1550	1
100	2149	GOS 49	18	08	64	1608	4	WEST OF VEATCH CANYON	24	1	02	39 56.6	69 54.0	245	1
100	2150 A	GOS 49	18	08	64	1846	4	SW OF VEATCH CANYON	24	1	02	39 46.5	69 44.3	1675	1
100	2150 B	GOS 49	18	08	64	1846	4	SW OF VEATCH CANYON	24	1	02	39 46.5	69 44.3	1675	1
100	2150 C	GOS 49	18	08	64	1846	4	SW OF VEATCH CANYON	24	1	02	39 46.5	69 44.3	1675	1
100	2151	GOS 49	18	08	64	2125	4	SW OF VEATCH CANYON	29	1	02	39 35.0	69 45.1	2270	1
100	2152	GOS 49	19	08	64	0029	4	SE OF VEATCH CANYON	24	1	02	39 46.6	69 30.3	1865	1
100	2153	GOS 49	19	08	64	0349	4	SE OF VEATCH CANYON	29	1	02	39 30.9	69 28.9	2335	1
100	2154	GOS 49	19	08	64	0812	4	SE OF VEATCH CANYON	29	1	02	39 08.3	69 27.8	2840	1
100	2155	GOS 49	19	08	64	1257	4	S.OF HYDROGRAPHER CN.	29	1	02	39 05.0	68 59.0	3080	1
100	2156	GOS 49	19	08	64	1705	4	S.OF HYDROGRAPHER CN.	29	1	02	39 25.0	68 59.6	2695	1
100	2157	GOS 49	19	08	64	2005	4	S.OF HYDROGRAPHER CN.	30	1	02	39 37.0	68 54.0	2460	1
100	2158	GOS 49	19	08	64	2257	4	S.OF HYDROGRAPHER CN.	29	1	02	39 42.9	69 06.3	1925	1
100	2159	GOS 49	20	08	64	0051	4	SW OF HYDROGRAPHER CN	24	1	02	39 51.0	69 10.0	1480	1
100	2160	GOS 49	20	08	64	0225	4	S.OF HYDROGRAPHER CN.	16	1	02	39 58.6	69 06.0	400	1
100	2161	GOS 49	20	08	64	0458	4	E.OF HYDROGRAPHER CN.	16	1	02	39 56.0	68 50.8	1625	1
100	2162	GOS 49	20	08	64	0707	4	SE OF HYDROGRAPHER CN	30	1	02	39 51.1	68 40.3	2295	1
100	2163	GOS 49	20	08	64	1000	4	SE OF HYDROGRAPHER CN	30	1	02	39 40.6	68 30.8	2695	1
100	2164	GOS 49	20	08	64	1350	4	SE OF HYDROGRAPHER CN	30	1	02	39 24.3	68 20.0	3015	1
100	2165	GOS 49	20	08	64	1845	4	S.OF OCEANOGRAPHER CN	30	1	02	39 09.2	68 08.9	3310	1
100	2166	GOS 49	21	08	64	0030	4	S.OF OCEANOGRAPHER CN	30	1	02	38 51.5	67 52.0	3820	1
100	2167	GOS 49	21	08	64	0611	4	S.OF OCEANOGRAPHER CN	30	1	02	39 00.0	67 27.0	3975	1
100	2168	GOS 49	21	08	64	1723	4	S.OF OCEANOGRAPHER CN	30	1	02	39 41.0	67 58.7	2950	1
100	2169	GOS 49	21	08	64	2051	4	S.OF OCEANOGRAPHER CN	30	1	02	39 50.2	67 40.7	2870	1
100	2170	GOS 49	22	08	64	0046	4	E.WALL OCEANOGRAPHER	30	1	02	39 51.0	68 01.9	2655	1
100	2171	GOS 49	22	08	64	0324	4	SW OCEANOGRAPHER CNYN	30	1	02	39 58.5	68 09.8	2187	1
100	2172	GOS 49	22	08	64	0528	4	SW OCEANOGRAPHER CNYN	15	1	02	40 06.7	68 11.0	1625	1
100	2173	GOS 49	22	08	64	0648	4	SW OCEANOGRAPHER CNYN	15	1	02	40 05.6	68 18.0	1445	1
100	2174	GOS 49	22	08	64	0757	4	SE OF WELKER CANYON	15	1	02	40 02.1	68 21.4	1585	1
100	2175	GOS 49	22	08	64	0937	4	W.OF WELKER CANYON	16	1	02	40 04.0	68 33.0	505	1
100	2176	GOS 49	22	08	64	1131	4	W.OF WELKER CANYON	16	1	02	40 05.0	68 44.1	320	1
100	2177	GOS 49	22	08	64	1319	4	E.OF HYDROGRAPHER CN.	16	1	02	40 01.5	68 55.8	505	1
100	2178	GOS 49	25	08	64	2220	4	E.SIDE OCEANOGRAPHER	15	1	02	40 09.8	68 00.0	1830	1
100	2179	GOS 49	26	08	64	0105	4	SE OF OCEANOGRAPHER	15	1	02	40 05.0	67 54.8	2185	1
100	2180	GOS 49	26	08	64	0304	4	SE OF GILBERT CANYON	15	1	02	40 08.2	67 45.0	1813	1
100	2181	GOS 49	26	08	64	0539	4	SE OF GILBERT CANYON	15	1	02	40 14.0	67 46.4	940	1
100	2182	GOS 49	26	08	64	0829	4	E.OF LYDONIA CANYON	15	1	02	40 22.2	67 30.3	465	1
100	2183	GOS 49	26	08	64	1101	4	E.OF LYDONIA CANYON	15	1	02	40 24.4	67 14.6	1040	1
100	2184	GOS 49	26	08	64	1352	4	SE.OF LYDONIA CANYON	15	1	02	40 17.2	67 14.2	2075	1
100	2185	GOS 49	26	08	64	1630	4	SSE OF LYDONIA CANYON	15	1	02	40 17.0	67 28.0	1420	1
100	2186	GOS 49	26	08	64	1903	4	SE OF LYDONIA CANYON	15	1	02	40 05.9	67 29.6	2035	1
100	2187	GOS 49	26	08	64	2330	4	SE OF LYDONIA CANYON	30	1	02	40 00.2	66 58.6	3025	1
100	2188	GOS 49	27	08	64	0719	4	SE OF LYDONIA CANYON	30	1	02	40 09.4	66 45.0	2715	1
100	2189	GOS 49	27	08	64	1145	4	E.OF LYDONIA CANYON	30	1	02	40 18.2	67 00.3	2235	1
100	2190	GOS 49	27	08	64	1414	4	E.OF LYDONIA CANYON	15	1	02	40 31.2	67 01.0	1000	1
100	2191 A	GOS 49	27	08	64	1721	4	SLOPE,SE GEORGES BANK	15	1	02	40 42.0	66 44.9	690	1
100	2191 B	GOS 49	27	08	64	1721	4	SLOPE,SE GEORGES BANK	15	1	02	40 42.0	66 44.9	690	1
100	2192	GOS 49	27	08	64	1947	4	SLOPE,SE GEORGES BANK	15	1	02	40 44.7	66 35.0	1715	1
100	2193	GOS 49	27	08	64	2150	4	SLOPE,SE GEORGES BANK	15	1	02	40 52.3	66 33.5	610	1
100	2194	GOS 49	28	08	64	0030	4	SLOPE,SE GEORGES BANK	15	1	02	40 46.1	66 25.0	2115	1
100	2195	GOS 49	28	08	64	0252	4	SLOPE,SE GEORGES BANK	15	1	02	40 56.4	66 25.0	1240	1
100	2196	GOS 49	28	08	64	0426	4	SLOPE,SE GEORGES BANK	15	1	02	41 03.8	66 24.0	720	1

CODE	STATION #		CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2197		GBS	49 29	08	64	0444	4	WILKINSON BASIN	13	1	02	42 34.6	69 32.6	282	1
100	2198		GBS	51 16	09	64	1702	4	GREAT SOUTH CHANNEL	17	1	02	40 59.8	69 00.7	82	1
100	2199		GBS	51 16	09	64	2320	4	NW GEORGES BANK	14	1	02	41 08.7	68 43.4	60	1
100	2200		GBS	51 17	09	64	1720	4	SLOPE,S.OF CORSAIR CN	15	1	02	41 10.3	66 13.2	941	1
100	2201		GBS	51 18	09	64	0035	4	RISE S.OF CORSAIR CN	30	1	02	41 16.4	65 44.4	2451	1
100	2202		GBS	51 18	09	64	0330	4	SLOPE,E.GEORGES BANK	15	1	02	41 26.7	65 55.5	617	1
100	2203		GBS	51 18	09	64	0635	4	E.GEORGES BANK	15	1	02	41 34.8	65 43.3	1795	1
100	2204		GBS	51 18	09	64	0930	4	NE GEORGES BANK	8	1	02	41 47.0	65 37.5	1238	1
100	2205		GBS	51 18	09	64	1210	4	SLOPE E.GEORGES BANK	8	1	02	41 43.8	65 25.5	1934	1
100	2206		GBS	51 18	09	64	1840	4	RISE OFF GEORGES BANK	30	1	02	41 25.2	65 36.7	2329	1
100	2207		GBS	51 18	09	64	2315	4	RISE OFF GEORGES BANK	30	1	02	41 33.5	65 13.8	2474	1
100	2208		GBS	51 19	09	64	1115	4	RISE OFF GEORGES BANK	30	1	02	41 35.8	65 17.0	2462	1
100	2209		GBS	51 19	09	64	1800	4	E.OF NE CHANNEL,SLOPE	7	1	02	41 54.0	65 17.0	1845	1
100	2210		GBS	51 19	09	64	2108	4	NE CHANNEL	8	1	02	42 01.5	65 32.6	801	1
100	2211		GBS	51 20	09	64	0230	4	NE OF NE CHANNEL	7	1	02	42 02.2	65 12.5	1536	1
100	2212		GBS	51 20	09	64	0540	4	SLOPE,SE BROWNS BANK	7	1	02	42 12.3	65 08.9	1119	1
100	2213		GBS	51 20	09	64	1200	4	BROWNS BANK	6	1	02	42 11.0	65 38.0	220	1
100	2214		GBS	51 21	09	64	0840	4	NE CHANNEL	8	1	02	42 14.2	65 58.4	238	1
100	2215		GBS	51 21	09	64	1045	4	NE CHANNEL	14	1	02	42 08.4	66 08.0	150	1
100	2216		AST	3 16	03	65	1535	5	CONNECTICUT RIVER	26	1	01	41 26.23	72 27.46	7	2
100	2217	A	AST	3 07	05	65	1805	5	SHELF OFF MARYLAND	34	2	01	38 10.0	75 08.1	10	1
100	2217	B	AST	3 07	05	65	1805	5	SHELF OFF MARYLAND	34	2	01	38 10.0	75 08.1	10	1
100	2218		AST	3 07	05	65	1935	5	SHELF OFF MARYLAND	34	2	01	37 59.2	75 12.5	10	1
100	2219		AST	3 09	05	65	1140	5	DISMAL SWAMP CANAL	37	2	01	36 36.75	76 22.8	4	1
100	2220		AST	3 10	05	65	0725	5	PASQUOTANK RIVER	37	2	01	36 16.1	76 08.0	4	1
100	2221		AST	3 10	05	65	0925	5	ALBERMARLE SOUND	37	2	01	36 06.2	76 04.8	6	1
100	2222		AST	3 10	05	65	1045	5	ALBERMARLE SOUND	37	2	01	36 02.8	76 13.9	7	1
100	2223		AST	3 10	05	65	1215	5	ALBERMARLE SOUND	37	2	01	35 59.8	76 26.1	7	1
100	2224		AST	3 10	05	65	1335	5	ALBERMARLE SOUND	37	2	01	35 58.8	76 37.8	6	1
100	2225		AST	3 10	05	65	1527	5	ROANOKE RIVER,N.C.	37	2	01	35 52.1	76 47.2	3	1
100	2226		AST	3 10	05	65	1745	5	CHOWAN RIVER,N.C.	37	2	01	36 04.3	76 42.6	6	1
100	2227	A	AST	3 11	05	65	1216	5	ALLIGATOR RIVER,N.C.	37	2	01	35 50.35	76 01.2	4	1
100	2227	B	AST	3 11	05	65	1216	5	ALLIGATOR RIVER,N.C.	37	2	01	35 50.35	76 01.2	4	1
100	2228		AST	3 11	05	65	1420	5	E.ALBERMARLE SOUND	37	2	01	36 04.3	75 56.1	6	1
100	2229		AST	3 11	05	65	1525	5	E.ALBERMARLE SOUND	37	2	01	36 01.0	75 49.0	4	1
100	2230		AST	3 12	05	65	1005	5	ROANOKE SOUND	37	2	01	35 56.5	75 39.9	3	1
100	2231		AST	3 12	05	65	1145	5	CROATAN SOUND	37	2	01	35 51.4	75 42.1	4	1
100	2232		AST	3 12	05	65	1250	5	PAMLICO SOUND	37	2	01	35 44.9	75 38.9	4	1
100	2233		AST	3 12	05	65	1422	5	NE PAMLICO SOUND	37	2	01	35 35.4	75 37.0	5	1
100	2234		AST	3 12	05	65	1543	5	PAMLICO SOUND	37	2	01	35 23.9	75 39.3	7	1
100	2235		AST	3 12	05	65	1705	5	PAMLICO SOUND	37	2	01	35 16.2	75 46.4	5	1
100	2236		AST	3 12	05	65	1835	5	PAMLICO SOUND	37	2	01	35 25.0	75 49.2	6	1
100	2237		AST	3 13	05	65	0940	5	PAMLICO SOUND	37	2	01	35 20.5	75 59.9	6	1
100	2238		AST	3 13	05	65	1115	5	PAMLICO SOUND	37	2	01	35 15.5	76 12.4	6	1
100	2239		AST	3 13	05	65	1300	5	PAMLICO SOUND	37	2	01	35 18.8	76 25.7	7	1
100	2240		AST	3 13	05	65	1440	5	PAMLICO RIVER	37	2	01	35 23.1	76 39.0	6	1
100	2241		AST	3 14	05	65	0540	5	MOUTH NEUSE RIVER,N.C	37	2	01	35 07.7	76 29.0	6	1
100	2242		AST	3 14	05	65	0730	5	PAMLICO SOUND	37	2	01	35 07.8	76 17.0	7	1
100	2243		AST	3 14	05	65	0845	5	PAMLICO SOUND	37	2	01	35 01.7	76 13.4	6	1
100	2244		AST	3 14	05	65	1220	5	NEUSE RIVER	37	2	01	35 01.1	76 39.4	7	1
100	2245		AST	3 14	05	65	1335	5	NEUSE RIVER	37	2	01	34 57.5	76 49.2	5	1
100	2246		AST	3 14	05	65	1523	5	NEUSE RIVER	37	2	01	35 04.3	77 00.4	4	1
100	2247		AST	3 17	05	65	1740	5	CAPE FEAR RIVER	37	2	01	33 56.8	77 57.8	5	1
100	2248		AST	3 18	05	65	0725	5	SW OF CAPE FEAR,SHELF	45	2	03	33 48.7	78 04.1	12	1
100	2249		AST	3 18	05	65	0840	5	W.OF CAPE FEAR,SHELF	45	2	03	33 49.2	78 14.0	14	1
100	2250		AST	3 18	05	65	1020	5	SW OF CAPE FEAR,SHELF	45	2	03	33 47.2	78 27.2	13	1
100	2250U		AST	3 18	05	65	1122	5	SW OF CAPE FEAR,SHELF	45	2	03	33 49.1	78 34.8		
100	2251		AST	3 18	05	65	1245	5	SW OF CAPE FEAR,SHELF	45	2	03	33 42.7	78 45.0	12	1
100	2252		AST	3 18	05	65	1435	5	SHELF SE OF CAPE FEAR	45	2	03	33 33.3	78 56.9	8	1
100	2253		AST	3 18	05	65	1610	5	SHELF E.OF GEORGETOWN	45	2	03	33 22.1	79 00.6	12	1
100	2254		AST	3 18	05	65	1730	5	SHELF SE GEORGETOWN	45	2	03	33 13.7	79 05.5	10	1
100	2255		AST	3 19	05	65	1420	5	PEEDEE RIVER,S.C.	44	2	01	33 22.13	79 15.85	6	1
100	2256		AST	3 20	05	65	0650	5	WINYAH BAY,S.C.	44	2	01	33 13.5	79 11.7	5	1
100	2257		AST	3 20	05	65	0813	5	OFF CAPE ROMAINE	45	2	03	33 07.1	79 09.0	8	1
100	2258		AST	3 20	05	65	0918	5	S.OF CAPE ROMAINE	45	2	03	32 59.5	79 11.4	13	1
100	2259		AST	3 20	05	65	1035	5	S.OF CAPE ROMAINE	45	3	03	32 57.0	79 21.9	9	1
100	2260		AST	3 20	05	65	1130	5	E.OF CHARLESTOWN,S.C.	45	3	03	32 50.9	79 25.2	12	1
100	2261		AST	3 20	05	65	1235	5	E.OF CHARLESTOWN,S.C.	45	3	01	32 50.4	79 33.8	4	1
100	2262		AST	3 20	05	65	1325	5	SE OF CHARLESTOWN,SC	45	3	01	32 46.9	79 39.2	11	1
100	2263		AST	3 22	05	65	0835	5	N.EDISTO RIVER,S.C.	51	3	01	32 37.9	80 16.4	6	1
100	2264		AST	3 22	05	65	0933	5	S.EDISTO RIVER,S.C.	51	3	01	32 36.8	80 23.2	9	1
100	2265		AST	3 22	05	65	1147	5	ST.HELENA SOUND,S.C.	51	3	01	32 26.1	80 22.8	9	1
100	2266		AST	3 22	05	65	1248	5	ST.HELENA SOUND,S.C.	51	3	01	32 29.7	80 29.7	12	1
100	2267		AST	3 22	05	65	1358	5	COOSAW RIVER,S.C.	51	3	01	32 30.3	80 38.9	5	1
100	2268		AST	3 22	05	65	1627	5	PORT ROYAL SOUND,S.C	51	3	01	32 16.4	80 41.7	11	1
100	2269		AST	3 23	05	65	0610	5	CALIBOGUE SOUND,S.C.	51	3	01	32 08.7	80 49.6	9	1
100	2270		AST	3 23	05	65	0740	5	SAVANNAH RIVER,GA.	51	3	01	32 04.4	80 58.1	8	1
100	2271		AST	3 23	05	65	1145	5	OSSABAW SOUND,GA.	51	3	01	31 50.5	81 03.9	9	1
100	2272		AST	3 23	05	65	1300	5	OGEECHEE RIVER,GA.	51	3	01	31 54.2	81 10.5	7	1
100	2273		AST	3 23	05	65	1505	5	ST.CATHERINES SOUND	51	3	01	31 42.55	81 07.73	13	1
100	2273U		AST	3 23	05	65		5	ST.CATHERINES SOUND	51	3	01	31 42.2	81 10.4		
100	2274		AST	3 23	05	65	1700	5	SAPELO SOUND,GA.	51	3	01	31 32.6	81 11.57	12	1
100	2275		AST	3 24	05	65	0620	5	BEHIND SAPELO ISLAND	51	3	01	31 31.0	81 17.95	3	1
100	2276		AST	3 24	05	65	0635	5	DOBBY SOUND,GEORGIA	51	3	01	31 24.22	81 18.22	8	1
100	2277	A	AST	3 24	05	65	0755	5	MOUTH ALTAMAHA RIVER	51	3	01	31 19.2	81 18.25	6	1
100	2277	B	AST	3 24	05	65	0755	5	MOUTH ALTAMAHA RIVER	51	3	01	31 19.2	81 18.25	6	1
100	2277	C	AST	3 24	05	65	0755	5	MOUTH ALTAMAHA RIVER	51	3	01	31 19.2	81 18.25	6	1
100	2278		AST	3 24	05	65	1142	5	ALTAMAHA RIVER,GA.	51	3	01	31 19.98	81 23.02	4	1
100	2279		AST	3 25	05	65	0555	5	ST.SIMONS SOUND,GA.	51	3	01	31 07.93	81 24.83	8	1
100	2280		AST	3 25	05	65	0705	5	OFF ST.SIMONS SOUND	53	3	01	31 05.8	81 16.9	6	1

M306 ,05002

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2281	AST 3	25	05	65	0830	5	INSHORE SHELF OFF GA.	53	3	01	30 55.8	81 18.9	7	1
100	2282	AST 3	25	05	65	0930	5	INNER SHELF OFF GA.	53	3	01	30 48.7	81 22.1	8	1
100	2283	AST 3	25	05	65	1105	5	INNER SHELF OFF FLA.	53	3	01	30 38.6	81 24.3	8	1
100	2284	AST 3	25	05	65	1233	5	INNER SHELF OFF FLA.	53	3	01	30 28.7	81 23.1	8	1
100	2285	AST 3	25	05	65	1338	5	INNER SHELF OFF FLA.	53	3	01	30 21.7	81 22.5	8	1
100	2286	AST 3	27	05	65	1211	5	ST.MARYS,FLA-GA.	52	3	01	30 43.3	81 29.2	7	1
100	2287	AST 3	27	05	65	1514	5	ST.ANDREW SOUND,GA.	52	3	01	31 00.2	81 26.3	6	1
100	2288	AST 3	28	05	65	0805	5	INNER SHELF OFF GA.	50	3	03	31 14.5	81 11.2	10	1
100	2289	AST 3	28	05	65	0855	5	INNER SHELF OFF GA.	50	3	01	31 19.5	81 11.8	7	1
100	2290	AST 3	28	05	65	1050	5	OFF SAPELO SOUND,GA.	50	3	01	31 31.2	81 03.9	9	1
100	2291	AST 3	28	05	65	1208	5	INNER SHELF OFF GA.	50	3	01	31 40.7	81 01.3	8	1
100	2292	AST 3	28	05	65	1314	5	INNER SHELF OFF GA.	50	3	03	31 45.9	80 53.4	13	1
100	2293	AST 3	28	05	65	1405	5	SE OF SAVANNAH,GA.	50	3	01	31 52.1	80 52.4	9	1
100	2294	AST 3	28	05	65	1512	5	SE OF SAVANNAH,GA.	50	3	01	31 58.3	80 45.1	10	1
100	2295	AST 3	28	05	65	1634	5	E.OF SAVANNAH,GA.	50	3	01	32 05.1	80 37.5	8	1
100	2296	AST 3	28	05	65	1820	5	INNER SHELF OFF GA	50	3	03	32 15.7	80 27.0	11	1
100	2297	AST 3	28	05	65	2030	5	INNER SHELF OFF S.C.	50	3	03	32 28.0	80 13.3	11	1
100	2298	AST 3	28	05	65	2133	5	INNER SHELF OFF S.C.	45	3	03	32 32.8	80 04.9	9	1
100	2299	AST 3	28	05	65	2310	5	SE OF CHARLESTON,S.C.	45	3	01	32 39.0	79 51.7	7	1
100	2300	AST 3	30	05	65	0607	5	ASHLEY RIVER,S.C.	44	3	01	32 46.9	79 57.6	8	1
100	2301	AST 3	30	05	65	0703	5	COOPER RIVER,S.C.	44	3	01	32 49.6	79 55.7	8	1
100	2302	AST 3	30	05	65	1300	5	S.SANTEE RIVER,S.C.	44	2	01	33 09.0	79 19.4	4	1
100	2303	AST 3	30	05	65	1325	5	N.SANTEE RIVER,S.C.	44	2	01	33 10.25	79 17.7	5	1
100	2304A	AST 3	31	05	65	0655	5	WACCAMAW RIVER,S.C.	44	2	01	33 30.3	79 08.1	7	1
100	2304B	AST 3	31	05	65	0714	5	WACCAMAW RIVER,S.C.	44	2	01	33 31.8	79 06.4	8	1
100	2304C	AST 3	31	05	65	0727	5	WACCAMAW RIVER,S.C.	44	2	01	33 33.3	79 05.2	9	1
100	2304D	AST 3	31	05	65	0810	5	WACCAMAW RIVER,S.C.	44	2	01	33 37.5	79 05.9	5	1
100	2305	AST 3	01	06	65	0725	5	S.OF CAPE FEAR	45	2	01	33 38.8	77 54.8	10	1
100	2306	AST 3	01	06	65	0905	5	SE.OF CAPE FEAR	43	2	01	33 49.9	77 53.2	13	1
100	2307	AST 3	01	06	65	1123	5	INNER SHELF OFF N.C.	43	2	01	34 04.6	77 47.9	14	1
100	2308	AST 3	01	06	65	1250	5	SHELF,ONSLOW BAY	43	2	01	34 14.2	77 43.8	13	1
100	2309	AST 3	01	06	65	1403	5	SHELF,ONSLOW BAY	43	2	01	34 20.6	77 34.6	13	1
100	2310	AST 3	01	06	65	1545	5	SHELF,ONSLOW BAY	43	2	01	34 28.4	77 23.9	11	1
100	2311	AST 3	01	06	65	1705	5	SHELF,ONSLOW BAY	43	2	01	34 33.2	77 13.9	9	1
100	2312	AST 3	01	06	65	1848	5	E.OF BOGUE INLET	43	2	03	34 37.5	77 00.0	15	1
100	2313	AST 3	01	06	65	2033	5	W.OF CAPE LOOKOUT	43	2	01	34 37.6	76 48.2	15	1
100	2314	AST 3	06	06	65	0528	5	W.OF CAPE LOOKOUT	43	2	01	34 36.8	76 37.6	16	1
100	2315	AST 3	06	06	65	0640	5	S.OF CAPE LOOKOUT	43	2	01	34 29.8	76 32.2	16	1
100	2316	AST 3	06	06	65	0810	5	SE OF CAPE LOOKOUT	43	2	01	34 31.6	76 26.1	16	1
100	2317	AST 3	06	06	65	0958	5	NE OF CAPE LOOKOUT	43	2	01	34 42.5	76 23.0	16	1
100	2318	AST 3	06	06	65	1235	5	NE OF CAPE LOOKOUT	43	2	03	34 55.8	76 06.1	16	1
100	2319	AST 3	06	06	65	1410	5	OFF OKRACOKE INLET,NC	43	2	01	35 02.9	75 57.0	17	1
100	2320	AST 3	06	06	65	1525	5	SW OF CAPE HATTERAS	43	2	03	35 07.8	75 47.8	16	1
100	2321	AST 3	06	06	65	1633	5	SW OF CAPE HATTERAS	43	2	01	35 09.3	75 37.9	16	1
100	2322	AST 3	06	06	65	1740	5	S.OF CAPE HATTERAS	43	2	01	35 07.1	75 29.4	16	1
100	2323	AST 3	06	06	65	1935	5	NE OF CAPE HATTERAS	38	2	01	35 16.3	75 27.8	16	1
100	2324	AST 3	06	06	65	2103	5	NE OF CAPE HATTERAS	38	2	01	35 25.5	75 27.3	15	1
100	2325	AST 3	06	06	65	2233	5	NE OF CAPE HATTERAS	38	2	01	35 37.2	75 23.6	18	1
100	2326	AST 3	07	06	65	0003	5	N.OF CAPE HATTERAS	38	2	01	35 45.9	75 28.2	17	1
100	2327	AST 3	07	06	65	0125	5	INNER SHELF OFF N.C.	38	2	01	35 55.5	75 34.0	16	1
100	2328	AST 3	07	06	65	0248	5	INNER SHELF OFF N.C.	38	2	01	36 04.4	75 38.8	17	1
100	2329	AST 3	07	06	65	0355	5	INNER SHELF OFF N.C.	38	2	01	36 12.0	75 40.2	18	1
100	2330	AST 3	07	06	65	0600	5	SE OF CAPE HENRY	38	2	03	36 25.7	75 49.1	9	1
100	2331	AST 3	07	06	65	0702	5	SE OF CAPE HENRY	38	2	01	36 34.3	75 50.0	10	1
100	2332	AST 3	07	06	65	0829	5	SE OF CAPE HENRY	38	2	01	36 45.1	75 54.2	11	1
100	2333	AST 3	07	06	65	0915	5	SE OF CAPE HENRY	38	2	01	36 50.6	75 56.0	8	1
100	2334	G0S 74	18	08	65	0635	5	N.BLAKE PLATEAU	47	2	02	33 02.0	76 29.0	755	2
100	2335	G0S 74	18	08	65	1815	5	N.BLAKE PLATEAU	47	2	02	32 52.8	76 50.0	741	2
100	2336	G0S 74	19	08	65	0630	5	CAPE FEAR RIDGE	41	2	02	32 15.0	76 53.0	990	3
100	2337	G0S 74	19	08	65	1425	5	N.BLAKE PLATEAU	47	2	02	32 11.0	77 17.5	762	2
100	2338 A	G0S 74	19	08	65	1730	5	N.BLAKE PLATEAU	47	2	02	32 01.0	77 16.0	825	3
100	2338 B	G0S 74	19	08	65	1730	5	N.BLAKE PLATEAU	47	2	02	32 01.0	77 16.0	825	3
100	2339	G0S 74	19	08	65	2120	5	N.BLAKE PLATEAU	47	2	02	31 54.5	77 24.8	775	2
100	2340	G0S 74	20	08	65	0350	5	OUTER N.BLAKE PLATEAU	47	3	02	31 29.0	77 20.0	1029	2
100	2341	G0S 74	20	08	65	0835	5	BLAKE PLATEAU,NORTH	47	3	02	31 18.4	77 39.5	818	2
100	2342	G0S 74	20	08	65	1320	5	BLAKE PLATEAU,NORTH	47	3	02	31 00.0	77 31.5	930	2
100	2343	G0S 74	20	08	65	2020	5	BLAKE PLATEAU,OUTER	47	3	02	30 49.0	77 45.0	898	2
100	2344	G0S 74	21	08	65	0045	5	BLAKE PLATEAU,OUTER	64	3	02	30 28.5	77 29.3	882	3
100	2345	G0S 74	21	08	65	0415	5	BLAKE PLATEAU,OUTER	64	3	02	30 14.5	77 16.0	1000	3
100	2346	G0S 74	21	08	65	0800	5	BLAKE PLATEAU,OUTER	64	3	02	30 01.3	76 59.8	977	2
100	2347 A	G0S 74	21	08	65	1336	5	BLAKE NOSE	41	3	02	29 55.1	76 40.5	1382	2
100	2347 B	G0S 74	21	08	65	1336	5	BLAKE NOSE	41	3	02	29 55.1	76 40.5	1382	2
100	2348	G0S 74	21	08	65	2000	5	BLAKE NOSE	41	3	02	29 45.2	76 51.0	1034	2
100	2349	G0S 74	21	08	65	2339	5	BLAKE PLATEAU,OUTER	64	3	02	29 28.7	76 59.4	1036	2
100	2350	G0S 74	22	08	65	0233	5	BLAKE PLATEAU,OUTER	64	3	02	29 36.5	77 11.5	905	2
100	2351	G0S 74	22	08	65	0615	5	BLAKE PLATEAU,OUTER	64	3	02	29 30.0	77 29.5	951	2
100	2352	G0S 74	22	08	65	1110	5	BLAKE PLATEAU,OUTER	64	3	02	29 16.0	77 35.3	915	2
100	2353	G0S 74	22	08	65	1349	5	BLAKE PLATEAU,OUTER	64	3	02	29 00.5	77 29.7	1065	2
100	2354	G0S 74	22	08	65	1705	5	BLAKE PLATEAU,OUTER	64	3	02	28 52.0	77 15.0	1070	2
100	2355A	G0S 74	22	08	65	1120	5	BLAKE ESCARPMENT	41	3	02	29 00.0	76 45.2	2800	3
100	2355B	G0S 74	22	08	65	1130	5	BLAKE ESCARPMENT	41	3	02	29 00.1	76 43.8	3300	3
100	2355C	G0S 74	22	08	65	1140	5	BLAKE ESCARPMENT	41	3	02	28 59.8	76 43.3	3463	3
100	2356	G0S 74	23	08	65	0245	5	BLAKE ESCARPMENT	41	3	02	28 59.5	76 56.0	1095	2
100	2357	G0S 74	23	08	65	0625	5	BLAKE ESCARPMENT	41	3	02	28 45.0	76 53.0	1295	2
100	2358	G0S 74	23	08	65	1043	5	BLAKE ESCARPMENT	41	3	02	28 31.0	77 02.0	1075	2
100	2359	G0S 74	23	08	65	1410	5	SE BLAKE PLATEAU,	64	3	02	28 14.5	77 14.8	1097	2
100	2360	G0S 74	23	08	65	1930	5	SE BLAKE PLATEAU	64	3	02	27 59.5	77 30.7	1126	2
100	2361	G0S 74	23	08	65	2200	5	SE BLAKE PLATEAU	64	3	02	27 47.8	77 41.7	1178	2
100	2362	G0S 74	24	08	65	0127	5	SE BLAKE PLATEAU	64	3	02	27 51.0	78 01.5	1080	2
100	2363	G0S 74	24	08	65	0430	5	S BLAKE PLATEAU	64	3	02	28 00.8	78 13.8	1078	2

MC06 5902

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2364	GOS 74	24 08 65	0730	5	S BLAKE PLATEAU	64	3	02	28 10.0	78 30.0	972	2
100	2365	GOS 74	24 08 65	1122	5	S BLAKE PLATEAU	64	3	02	28 16.0	78 45.4	919	2
100	2366	GOS 74	24 08 65	1500	5	OUTER S.BLAKE PLATEAU	64	3	02	28 29.3	79 00.5	841	2
100	2367	GOS 74	24 08 65	2020	5	OUTER S.BLAKE PLATEAU	64	3	02	28 45.0	78 45.2	848	2
100	2368	GOS 74	25 08 65	0045	5	OUTER S.BLAKE PLATEAU	64	3	02	29 00.0	79 01.2	803	2
100	2369	GOS 74	25 08 65	0445	5	BLAKE PLATEAU,OUTER	64	3	02	29 15.2	78 44.8	848	2
100	2370	GOS 74	25 08 65	0935	5	BLAKE PLATEAU,OUTER	64	3	02	29 31.3	79 00.1	787	2
100	2371	GOS 74	25 08 65	1255	5	BLAKE PLATEAU,OUTER	64	3	02	29 45.1	78 45.0	793	2
100	2372	GOS 74	25 08 65	1650	5	BLAKE PLATEAU,OUTER	64	3	02	30 01.0	79 00.0	798	2
100	2373	GOS 74	25 08 65	2040	5	BLAKE PLATEAU,OUTER	64	3	02	30 15.8	78 45.0	804	2
100	2374	GOS 74	26 08 65	0045	5	BLAKE PLATEAU,INNER	48	3	02	30 31.0	79 01.3	876	2
100	2375	GOS 74	26 08 65	0440	5	BLAKE PLATEAU,INNER	48	3	02	30 48.3	78 45.0	949	2
100	2376	GOS 74	26 08 65		5	BLAKE PLATEAU,OUTER	64	3	02	30 30.8	78 30.0	806	2
100	2377	GOS 74	26 08 65	1510	5	BLAKE PLATEAU,OUTER	64	3	02	30 21.5	78 05.0	813	2
100	2378	GOS 74	26 08 65	1650	5	BLAKE PLATEAU,OUTER	64	3	02	30 26.5	78 06.0	829	2
100	2379	GOS 74	26 08 65	1840	5	BLAKE PLATEAU,OUTER	64	3	02	30 28.5	78 04.0	825	2
100	2380	GOS 74	26 08 65	2308	5	BLAKE PLATEAU,NORTH	47	3	02	30 49.8	78 04.5	949	2
100	2381	GOS 74	27 08 65	0200	5	BLAKE PLATEAU,NORTH	47	3	02	31 04.2	78 08.5	849	2
100	2382	GOS 74	27 08 65	0505	5	BLAKE PLATEAU,NORTH	47	3	02	31 01.6	78 18.8	851	2
100	2383	GOS 74	27 08 65	1010	5	BLAKE PLATEAU,NORTH	47	3	02	30 56.4	78 34.3	845	2
100	2384	GOS 74	27 08 65	1248	5	BLAKE PLATEAU,NORTH	47	3	02	30 54.5	78 43.0	843	2
100	2385	GOS 74	27 08 65	1557	5	BLAKE PLATEAU,NORTH	47	3	02	30 57.2	78 54.6	802	2
100	2386	GOS 74	27 08 65	1750	5	BLAKE PLATEAU,NORTH	47	3	02	31 00.2	79 00.0	782	2
100	2387	GOS 74	27 08 65	2143	5	BLAKE PLATEAU,NORTH	47	3	02	31 15.2	78 59.0	546	2
100	2388	GOS 74	28 08 65	0027	5	BLAKE PLATEAU,NORTH	47	3	02	31 32.0	78 58.0	494	2
100	2389	GOS 74	28 08 65	0440	5	BLAKE PLATEAU,NORTH	47	3	02	31 23.0	78 40.0	512	3
100	2390	GOS 74	28 08 65	0735	5	N.BLAKE PLATEAU	47	3	02	31 12.8	78 29.0	648	2
100	2391	GOS 74	28 08 65	1112	5	N.BLAKE PLATEAU	47	3	02	31 24.2	78 18.2	621	2
100	2392	GOS 74	28 08 65	1510	5	N.BLAKE PLATEAU	47	3	02	31 29.0	78 00.0	649	2
100	2393	GOS 74	28 08 65	1802	5	N.BLAKE PLATEAU	47	3	02	31 38.8	77 46.8	610	2
100	2394	GOS 74	28 08 65	2147	5	N.BLAKE PLATEAU	47	3	02	31 47.0	77 36.9	751	2
100	2395	GOS 74	29 08 65	0002	5	N.BLAKE PLATEAU	47	3	02	31 49.0	77 44.0	693	2
100	2396	GOS 74	29 08 65	0345	5	N.BLAKE PLATEAU	47	3	02	31 53.6	77 58.2	648	2
100	2397	GOS 74	29 08 65	0754	5	N. BLAKE PLATEAU	47	3	02	31 59.7	78 15.4	651	2
100	2398	GOS 74	29 08 65	1245	5	N. BLAKE PLATEAU	47	3	02	32 05.0	78 27.0	489	2
100	2399	GOS 74	29 08 65	1830	5	N. BLAKE PLATEAU	47	3	02	32 10.6	78 46.0	423	2
100	2400	GOS 74	01 09 65	1600	5	SHELF S.OF CHARLESTON	45	3	01	32 34.8	79 57.0	18	3
100	2401	GOS 74	01 09 65	1630	5	SHELF S.OF CHARLESTON	45	3	01	32 33.5	79 55.6	20	3
100	2402	GOS 74	01 09 65	1649	5	SHELF S.OF CHARLESTON	45	3	01	32 31.8	79 54.6	21	3
100	2403	GOS 74	01 09 65	1715	5	SHELF S.OF CHARLESTON	45	3	01	32 30.5	79 53.6	23	3
100	2404	GOS 74	01 09 65	1735	5	SHELF S.OF CHARLESTON	45	3	01	32 28.0	79 52.5	27	3
100	2405	GOS 74	01 09 65	1752	5	SHELF S.OF CHARLESTON	45	3	01	32 27.2	79 50.8	29	3
100	2406	GOS 74	01 09 65	1806	5	SHELF S.OF CHARLESTON	45	3	02	32 25.8	79 50.8	27	3
100	2407	GOS 74	01 09 65	1830	5	SHELF S.OF CHARLESTON	45	3	02	32 24.2	79 48.6	32	3
100	2408	GOS 74	01 09 65	1850	5	SHELF S.OF CHARLESTON	45	3	02	32 22.8	79 47.3	36	3
100	2409	GOS 74	01 09 65	1910	5	SHELF S.OF CHARLESTON	45	3	02	32 21.0	79 45.6	38	3
100	2410	GOS 74	01 09 65	1930	5	SHELF S.OF CHARLESTON	45	3	02	32 19.4	79 44.4	40	3
100	2411	GOS 74	01 09 65	1950	5	SHELF S.OF CHARLESTON	45	3	02	32 17.8	79 43.0	40	1
100	2412	GOS 74	02 09 65	1250	5	INNER BLAKE PLATEAU	49	3	02	30 31.0	80 07.0	43	1
100	2413	GOS 74	02 09 65	2118	5	INNER BLAKE PLATEAU	48	3	02	30 14.8	79 44.4	640	1
100	2414	GOS 74	03 09 65	0030	5	SLOPE OFF CENTRAL FLA	54	3	02	30 16.0	79 55.1	510	1
100	2415	GOS 74	03 09 65	0330	5	SLOPE OFF CENTRAL FLA	54	3	02	30 18.0	80 07.7	217	1
100	2416	GOS 74	03 09 65	0530	5	SHELF OFF JACKONVILLE	53	3	02	30 16.5	80 18.7	55	2
100	2417	GOS 74	03 09 65	0705	5	SHELF OFF JACKONVILLE	53	3	02	30 18.8	80 32.2	41	2
100	2418	GOS 74	03 09 65	0900	5	SHELF OFF JACKONVILLE	53	3	02	30 19.8	80 42.2	33	2
100	2419	GOS 74	03 09 65	1000	5	SHELF OFF JACKONVILLE	53	3	02	30 20.0	80 47.7	33	2
100	2420	GOS 74	03 09 65	1115	5	SHELF OFF JACKONVILLE	53	3	02	30 21.2	80 53.5	28	2
100	2421	GOS 74	03 09 65	1200	5	SHELF OFF JACKONVILLE	53	3	02	30 21.0	80 56.0	26	3
100	2422	GOS 74	03 09 65	1225	5	SHELF OFF JACKONVILLE	53	3	02	30 21.4	80 58.7	24	2
100	2423	GOS 74	03 09 65	1245	5	SHELF OFF JACKONVILLE	53	3	02	30 21.8	81 01.5	24	2
100	2424	GOS 74	03 09 65	1305	5	SHELF OFF JACKONVILLE	53	3	02	30 22.0	81 03.5	21	2
100	2425	GOS 74	03 09 65	1332	5	SHELF OFF JACKONVILLE	53	3	02	30 22.4	81 06.1	22	2
100	2426	GOS 74	03 09 65	1355	5	SHELF OFF JACKONVILLE	53	3	01	30 22.5	81 08.5	19	2
100	2427	GOS 74	03 09 65	1420	5	SHELF OFF JACKONVILLE	53	3	01	30 22.0	81 10.4	22	2
100	2428	GOS 74	03 09 65	1450	5	SHELF OFF JACKONVILLE	53	3	01	30 22.0	81 12.8	22	2
100	2429	GOS 74	03 09 65	1515	5	SHELF OFF JACKONVILLE	53	3	01	30 23.1	81 15.0	23	2
100	2430	GOS 74	11 09 65	0805	5	SLOPE OFF FLORIDA	57	3	01	27 00.5	79 55.0	203	1
100	2431	GOS 74	11 09 65	1202	5	SLOPE OFF PALM BEACH	57	3	01	26 46.1	79 58.4	157	1
100	2432	GOS 74	11 09 65	1352	5	SLOPE OFF PALM BEACH	57	3	01	26 35.9	80 00.0	136	1
100	2433	GOS 74	11 09 65	1623	5	SLOPE OFF FLORIDA	57	3	01	26 26.1	79 58.1	228	1
100	2434	GOS 74	11 09 65	2005	5	SLOPE OFF FLORIDA	57	3	01	26 16.0	80 02.9	106	1
100	2435	GOS 74	11 09 65	2220	5	SLOPE OFF FLORIDA	57	3	01	26 04.9	80 01.3	231	1
100	2436	GOS 74	12 09 65	0210	5	SLOPE OFF MIAMI	61	3	01	25 44.9	80 03.9	46	1
100	2437	GOS 74	12 09 65	0532	5	GERDA TERRACE	61	3	01	25 35.2	79 59.8	341	1
100	2438	GOS 74	12 09 65	0635	5	GERDA TERRACE	61	3	02	25 37.5	79 54.8	383	1
100	2439	GOS 74	12 09 65	0835	5	OFF GERDA TERRACE	61	3	02	25 42.4	79 48.3	818	1
100	2440	GOS 74	12 09 65	1043	5	OFF GERDA TERRACE	60	3	02	25 56.0	79 45.5	828	1
100	2441	GOS 74	12 09 65	1320	5	STRAITS OF FLORIDA	58	3	02	26 00.0	79 34.0	753	1
100	2442	GOS 74	12 09 65	2012	5	STRAITS OF FLORIDA	58	3	02	26 07.9	79 19.4	532	1
100	2443	GOS 74	13 09 65	0025	5	STRAITS OF FLORIDA	58	3	02	26 24.6	79 11.4	526	1
100	2444	GOS 74	13 09 65	0230	5	NW PROVIDENCE CHANNEL	58	3	02	26 29.9	79 00.1	697	1
100	2445	GOS 74	13 09 65	0622	5	NW PROVIDENCE CHANNEL	58	3	02	26 38.8	79 09.6	720	1
100	2446	GOS 74	13 09 65	0815	5	NW PROVIDENCE CHANNEL	58	3	02	26 45.4	79 15.9	673	1
100	2447	GOS 74	13 09 65	1050	5	W.LITTLE BAHAMA BANK	58	3	02	26 53.5	79 10.2	516	1
100	2448	GOS 74	13 09 65	1335	5	W.LITTLE BAHAMA BANK	58	3	02	27 01.0	79 15.8	584	1
100	2449	GOS 74	13 09 65	1550	5	N.STRAITS OF FLORIDA	58	3	02	27 04.2	79 28.2	753	1
100	2450	GOS 74	13 09 65	1955	5	SLOPE OFF S FLORIDA	57	3	02	27 10.5	79 39.8	478	1
100	2451	GOS 74	13 09 65	2219	5	SLOPE OFF S FLORIDA	57	3	02	27 21.5	79 41.0	462	1
100	2452	GOS 74	14 09 65	0042	5	N.STRAITS OF FLORIDA	58	3	02	27 24.5	79 29.5	715	1
100	2453	GOS 74	14 09 65	0455	5	NW LITTLE BAHAMA BANK	58	3	02	27 27.1	79 12.1	403	1

M306 75002

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2454	GOS 74	14	09	65	0730	5	NW LITTLE BAHAMA BANK	64	3	02	27 30.1	79 03.5	372	1
100	2455	GOS 74	14	09	65	1145	5	N.LITTLE BAHAMA BANK	64	3	02	27 32.5	78 44.5	568	1
100	2456	GOS 74	14	09	65	1455	5	S.BLAKE PLATEAU,OUTER	64	3	02	27 37.6	78 31.0	893	1
100	2457	GOS 74	14	09	65	1715	5	S.BLAKE PLATEAU,OUTER	64	3	02	27 52.6	78 32.0	1029	1
100	2458	GOS 74	14	09	65	2033	5	S.BLAKE PLATEAU,OUTER	64	3	02	27 54.5	78 45.4	874	1
100	2459	GOS 74	14	09	65	2335	5	S.BLAKE PLATEAU,OUTER	64	3	02	28 00.3	78 59.4	832	1
100	2460	GOS 74	15	09	65	0246	5	S.INNER BLAKE	48	3	02	28 08.0	79 15.8	742	1
100	2461	GOS 74	15	09	65	0600	5	S.INNER BLAKE PLATEAU	48	3	02	28 14.3	79 30.2	874	1
100	2462	GOS 74	15	09	65	0850	5	SLOPE OFF CENTRAL FLA	54	3	02	28 26.6	79 44.8	454	1
100	2463	GOS 74	15	09	65	1023	5	SLOPE OFF CENTRAL FLA	54	3	02	28 33.3	79 36.6	739	1
100	2464	GOS 74	15	09	65	1406	5	S.INNER BLAKE PLATEAU	48	3	02	28 39.5	79 26.0	828	1
100	2465	GOS 74	15	09	65	1807	5	S.INNER BLAKE PLATEAU	48	3	02	28 44.8	79 14.5	843	1
100	2466	GOS 74	15	09	65	2300	5	S.INNER BLAKE PLATEAU	48	3	02	29 01.0	79 31.6	760	1
100	2467	GOS 74	16	09	65	0246	5	INNER BLAKE PLATEAU	48	3	02	29 15.5	79 12.8	790	1
100	2468	GOS 74	16	09	65	0710	5	INNER BLAKE PLATEAU	48	3	02	29 25.0	79 40.0	803	1
100	2469	GOS 74	16	09	65	0956	5	SLOPE OFF CENTRAL FLA	54	3	02	29 43.8	79 51.9	659	1
100	2470	GOS 74	16	09	65	1354	5	INNER BLAKE PLATEAU	48	3	02	29 55.3	79 34.2	930	1
100	2471	GOS 74	16	09	65	1658	5	N.INNER BLAKE PLATEAU	48	3	02	30 04.0	79 40.7	894	1
100	2472	GOS 74	16	09	65	1820	5	N.INNER BLAKE PLATEAU	48	3	02	30 08.5	79 32.7	776	1
100	2473	GOS 74	16	09	65	2335	5	N.INNER BLAKE PLATEAU	48	3	02	30 15.1	79 14.6	830	1
100	2474 A	GOS 74	17	09	65	0327	5	N.INNER BLAKE PLATEAU	48	3	02	30 34.3	79 31.5	828	1
100	2474 B	GOS 74	17	09	65	0327	5	N.INNER BLAKE PLATEAU	48	3	02	30 34.3	79 31.5	828	1
100	2475	GOS 74	17	09	65	0509	5	N.INNER BLAKE PLATEAU	48	3	02	30 41.0	79 31.4	900	1
100	2476	GOS 74	17	09	65	0846	5	N.INNER BLAKE PLATEAU	48	3	02	30 51.8	79 10.1	743	1
100	2477	GOS 74	17	09	65	1120	5	N.BLAKE PLATEAU	47	3	02	31 00.5	79 19.4	684	1
100	2478	GOS 74	17	09	65	1316	5	N.BLAKE PLATEAU	47	3	02	31 08.0	79 07.5	649	1
100	2479	GOS 74	17	09	65	1720	5	N.BLAKE PLATEAU	47	3	02	31 23.0	79 09.0	491	1
100	2480	GOS 74	17	09	65	2124	5	N.BLAKE PLATEAU	47	3	02	31 35.9	79 04.2	501	1
100	2481	GOS 74	18	09	65	2357	5	N.BLAKE PLATEAU	47	3	02	31 40.8	78 48.0	543	1
100	2482	GOS 74	18	09	65	0312	5	N.BLAKE PLATEAU	47	3	02	31 55.3	78 34.7	444	1
100	2483	GOS 74	18	09	64	0540	5	N.BLAKE PLATEAU	47	3	02	32 08.8	78 35.6	449	1
100	2484	GOS 74	18	09	64	1046	5	SLOPE,SE GEORGETOWN	46	2	02	32 36.5	78 21.3	229	1
100	2485	GOS 74	18	09	64	1505	5	N.BLAKE PLATEAU	47	2	02	32 35.9	77 57.6	992	1
100	2486 A	NAR		01	66			WELKER CANYON	14	1	02	40 13.0	68 35.5	183	1
100	2486 B	NAR		01	66			WELKER CANYON	14	1	02	40 13.0	68 35.5	183	1
100	2487	GOS 90	03	08	66	1045	4	BALTIMORE CANYON	35	2	02	38 10.5	73 51.5	420	2
100	2488	GOS 90	03	08	66	1125	4	BALTIMORE CANYON	35	2	02	38 10.0	73 51.7	462	2
100	2489	GOS 90	03	08	66	1330	4	BALTIMORE CANYON	35	2	02	38 10.9	73 49.2	860	2
100	2490	GOS 90	03	08	66	1651	4	BALTIMORE CANYON	35	2	02	38 07.3	73 48.7	567	2
100	2491 A	GOS 90	03	08	66	1845	4	BALTIMORE CANYON	35	2	02	38 04.9	73 45.8	1580	2
100	2491 B	GOS 90	03	08	66	1845	4	BALTIMORE CANYON	35	2	02	38 04.9	73 45.8	1580	2
100	2492 A	GOS 90	03	08	66	2010	4	BALTIMORE CANYON	35	2	02	38 06.0	73 46.6	497	2
100	2492 B	GOS 90	03	08	66	2010	4	BALTIMORE CANYON	35	2	02	38 06.0	73 46.6	497	2
100	2493	GOS 90	03	08	66	2205	4	BALTIMORE CANYON	35	2	02	38 01.8	73 43.8	1040	2
100	2494	GOS 90	04	08	66	0115	4	BALTIMORE CANYON	35	2	02	38 07.7	73 46.0	330	2
100	2495	GOS 90	04	08	66	1233	4	NORFOLK CANYON	39	2	02	37 04.8	74 42.8	246	2
100	2496	GOS 90	04	08	66	1343	4	NORFOLK CANYON	39	2	02	37 05.4	74 41.0	423	2
100	2497	GOS 90	04	08	66	1510	4	NORFOLK CANYON	39	2	02	37 05.6	74 40.9	398	2
100	2498	GOS 90	04	08	66	1628	4	NORFOLK CANYON	39	2	02	37 03.7	74 39.8	632	2
100	2499 A	GOS 90	04	08	66	1720	4	NORFOLK CANYON	39	2	02	37 04.0	74 39.0	610	2
100	2499 B	GOS 90	04	08	66	1720	4	NORFOLK CANYON	39	2	02	37 04.0	74 39.0	610	2
100	2500	GOS 90	04	08	66	1900	4	NORFOLK CANYON	39	2	02	37 03.3	74 38.5	472	2
100	2501 K	AB4 11	17	08	65	1405	4	OFF VINEYARD SOUND	23	1	02	41 17.0	70 59.6	37	1
100	2501 M	AB4 11	17	08	65	1405	4	OFF VINEYARD SOUND	23	1	02	41 17.0	70 59.6	37	1
100	2501 O	AB4 11	17	08	65	1405	4	OFF VINEYARD SOUND	23	1	02	41 17.0	70 59.6	37	1
100	2502 K	AB4 11	17	08	65	1600	4	10 MI WEST OF NOMANS	23	1	02	41 10.0	71 00.0	33	1
100	2502 M	AB4 11	17	08	65	1600	4	10 MI WEST OF NOMANS	23	1	02	41 10.0	71 00.0	33	1
100	2502 O	AB4 11	17	08	65	1600	4	10 MI WEST OF NOMANS	23	1	02	41 10.0	71 00.0	33	1
100	2502 P	AB4 11	17	08	65	1600	4	10 MI WEST OF NOMANS	23	1	02	41 10.0	71 00.0	33	1
100	2503 A	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 B	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 C	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 D	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 E	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 F	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 G	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 H	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 I	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 J	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 K	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 M	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 O	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2503 P	AB4 11	17	08	65	1807	4	15 MI SW OF NOMANS	23	1	02	40 58.0	70 59.0	49	1
100	2504 K	AB4 11	17	08	65	2300	4	20 MI SSW OF NOMANS	23	1	02	40 50.0	71 00.0	55	1
100	2504 M	AB4 11	17	08	65	2300	4	20 MI SSW OF NOMANS	23	1	02	40 50.0	71 00.0	55	1
100	2504 O	AB4 11	17	08	65	2300	4	20 MI SSW OF NOMANS	23	1	02	40 50.0	71 00.0	55	1
100	2504 P	AB4 11	17	08	65	2300	4	20 MI SSW OF NOMANS	23	1	02	40 50.0	71 00.0	55	1
100	2505 A	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 B	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 C	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 D	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 E	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 F	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 G	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 H	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 I	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 J	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 K	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 L	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 M	AB4 11	18	08	65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1

MC306 5902

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2505 N	AB4 11	18 08 65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 O	AB4 11	18 08 65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 P	AB4 11	18 08 65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2505 R	AB4 11	18 08 65	0145	4	30 MI SXW OF NOMANS	23	1	02	40 41.0	71 00.0	59	1
100	2506 K	AB4 11	18 08 65	1125	4	SOUTH OF MAR VINEYARD	23	1	02	40 29.0	70 59.0	77	1
100	2506 M	AB4 11	18 08 65	1125	4	SOUTH OF MAR VINEYARD	23	1	02	40 29.0	70 59.0	77	1
100	2506 O	AB4 11	18 08 65	1125	4	SOUTH OF MAR VINEYARD	23	1	02	40 29.0	70 59.0	77	1
100	2506 P	AB4 11	18 08 65	1125	4	SOUTH OF MAR VINEYARD	23	1	02	40 29.0	70 59.0	77	1
100	2507 A	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 B	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 C	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 D	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 E	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 F	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 G	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 H	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 I	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 J	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 K	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 L	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 M	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 N	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 O	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 P	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2507 R	AB4 11	18 08 65	1320	4	SOUTH OF MAR VINEYARD	23	1	02	40 20.0	70 59.5	93	1
100	2508 K	AB4 11	18 08 65	2045	4	SOUTH OF MAR VINEYARD	23	1	02	40 10.0	71 00.0	139	1
100	2508 M	AB4 11	18 08 65	2045	4	SOUTH OF MAR VINEYARD	23	1	02	40 10.0	71 00.0	139	1
100	2508 O	AB4 11	18 08 65	2045	4	SOUTH OF MAR VINEYARD	23	1	02	40 10.0	71 00.0	139	1
100	2508 P	AB4 11	18 08 65	2045	4	SOUTH OF MAR VINEYARD	23	1	02	40 10.0	71 00.0	139	1
100	2509 A	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 B	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 C	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 D	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 E	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 F	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 G	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 H	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 I	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 J	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 K	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 L	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 M	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 N	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 O	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2509 P	AB4 11	18 08 65	2255	4	SOUTH OF MAR VINEYARD	24	1	02	40 05.0	71 00.0	188	1
100	2510 M	AB4 11	19 08 65	0615	4	SOUTH OF MAR VINEYARD	24	1	02	40 01.5	71 02.0	293	1
100	2510 O	AB4 11	19 08 65	0615	4	SOUTH OF MAR VINEYARD	24	1	02	40 01.5	71 02.0	293	1
100	2510 P	AB4 11	19 08 65	0615	4	SOUTH OF MAR VINEYARD	24	1	02	40 01.5	71 02.0	293	1
100	2511 A	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 B	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 C	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 D	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 E	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 F	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 G	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 H	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 I	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 J	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 L	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 M	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 N	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 O	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2511 P	AB4 11	19 08 65	0858	4	SOUTH OF MAR VINEYARD	24	1	02	39 58.0	71 00.0	458	1
100	2512 K	AB4 11	19 08 65	1840	4	SOUTH OF MAR VINEYARD	23	1	02	40 05.0	70 49.0	141	1
100	2512 M	AB4 11	19 08 65	1840	4	SOUTH OF MAR VINEYARD	23	1	02	40 05.0	70 49.0	141	1
100	2512 O	AB4 11	19 08 65	1840	4	SOUTH OF MAR VINEYARD	23	1	02	40 05.0	70 49.0	141	1
100	2512 P	AB4 11	19 08 65	1840	4	SOUTH OF MAR VINEYARD	23	1	02	40 05.0	70 49.0	141	1
100	2513 A	AB4 11	19 08 65	2048	4	SOUTH OF MAR VINEYARD	23	1	02	40 13.0	70 40.0	121	1
100	2513 K	AB4 11	19 08 65	2048	4	SOUTH OF MAR VINEYARD	23	1	02	40 13.0	70 40.0	121	1
100	2513 M	AB4 11	19 08 65	2048	4	SOUTH OF MAR VINEYARD	23	1	02	40 13.0	70 40.0	121	1
100	2513 O	AB4 11	19 08 65	2048	4	SOUTH OF MAR VINEYARD	23	1	02	40 13.0	70 40.0	121	1
100	2513 P	AB4 11	19 08 65	2048	4	SOUTH OF MAR VINEYARD	23	1	02	40 13.0	70 40.0	121	1
100	2514 A	AB4 11	19 08 65	2325	4	SOUTH OF MAR VINEYARD	23	1	02	40 17.0	70 31.5	93	1
100	2514 K	AB4 11	19 08 65	2325	4	SOUTH OF MAR VINEYARD	23	1	02	40 17.0	70 31.5	93	1
100	2514 M	AB4 11	19 08 65	2325	4	SOUTH OF MAR VINEYARD	23	1	02	40 17.0	70 31.5	93	1
100	2514 O	AB4 11	19 08 65	2325	4	SOUTH OF MAR VINEYARD	23	1	02	40 17.0	70 31.5	93	1
100	2514 P	AB4 11	19 08 65	2325	4	SOUTH OF MAR VINEYARD	23	1	02	40 17.0	70 31.5	93	1
100	2515 A	AB4 11	20 08 65	0130	4	SOUTH OF MAR VINEYARD	23	1	02	40 27.0	70 22.0	68	1
100	2515 K	AB4 11	20 08 65	0130	4	SOUTH OF MAR VINEYARD	23	1	02	40 27.0	70 22.0	68	1
100	2515 M	AB4 11	20 08 65	0130	4	SOUTH OF MAR VINEYARD	23	1	02	40 27.0	70 22.0	68	1
100	2515 O	AB4 11	20 08 65	0130	4	SOUTH OF MAR VINEYARD	23	1	02	40 27.0	70 22.0	68	1
100	2515 P	AB4 11	20 08 65	0130	4	SOUTH OF MAR VINEYARD	23	1	02	40 27.0	70 22.0	68	1
100	2516 Q	AB4 11	20 08 65	0350	4	SOUTH OF MAR VINEYARD	23	1	02	40 34.0	70 25.0	55	1
100	2517 Q	AB4 11	20 08 65	0500	4	SOUTH OF MAR VINEYARD	23	1	02	40 42.0	70 29.0	57	1
100	2518 Q	AB4 11	20 08 65	0600	4	SOUTH OF MAR VINEYARD	23	1	02	40 51.0	70 38.0	51	1
100	2519 Q	AB4 11	20 08 65	0700	4	SOUTH OF MAR VINEYARD	23	1	02	40 59.0	70 42.0	48	1
100	2520 Q	AB4 11	20 08 65	0800	4	SOUTH OF MAR VINEYARD	23	1	02	41 10.0	70 50.0	27	1
100	2521 Q	AB4 11	20 08 65	1052	4	SOUTH OF MAR VINEYARD	23	1	02	41 15.6	70 46.5	20	1
100	2522 Q	AB4 11	20 08 65	1205	4	SE OF NOMANS LAND	18	1	02	41 07.0	70 37.0	51	1
100	2523 Q	AB4 11	20 08 65	1300	4	SOUTH OF MAR VINEYARD	18	1	02	41 00.0	70 29.0	40	1

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2524 Q	AB4	11 20	08	65	1355	4	SOUTH OF NANTUCKET	18	1	02	40 55.5	70 20.0	40	1
100	2525 Q	AB4	11 20	08	65	1500	4	SOUTH OF NANTUCKET	18	1	02	40 48.0	70 09.0	35	1
100	2526 A	AB4	11 20	08	65	1615	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2526 K	AB4	11 20	08	65	1615	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2526 M	AB4	11 20	08	65	1615	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2526 O	AB4	11 20	08	65	1615	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2526 P	AB4	11 20	08	65	1615	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2527 A	AB4	11 20	08	65	1745	4	SOUTH OF NANTUCKET	18	1	02	40 42.0	70 00.5	40	1
100	2527 K	AB4	11 20	08	65	1745	4	SOUTH OF NANTUCKET	18	1	02	40 35.0	69 48.0	62	1
100	2527 M	AB4	11 20	08	65	1745	4	SOUTH OF NANTUCKET	18	1	02	40 35.0	69 48.0	62	1
100	2527 O	AB4	11 20	08	65	1745	4	SOUTH OF NANTUCKET	18	1	02	40 35.0	69 48.0	62	1
100	2527 P	AB4	11 20	08	65	1745	4	SOUTH OF NANTUCKET	18	1	02	40 35.0	69 48.0	62	1
100	2528 A	AB4	11 20	08	65	1915	4	SOUTH OF NANTUCKET	18	1	02	40 35.0	69 48.0	62	1
100	2528 K	AB4	11 20	08	65	1915	4	SOUTH OF NANTUCKET	18	1	02	40 30.0	69 38.5	68	1
100	2528 M	AB4	11 20	08	65	1915	4	SOUTH OF NANTUCKET	18	1	02	40 30.0	69 38.5	68	1
100	2528 O	AB4	11 20	08	65	1915	4	SOUTH OF NANTUCKET	18	1	02	40 30.0	69 38.5	68	1
100	2528 P	AB4	11 20	08	65	1915	4	SOUTH OF NANTUCKET	18	1	02	40 30.0	69 38.5	68	1
100	2529 A	AB4	11 20	08	65	2120	4	SOUTH OF NANTUCKET	18	1	02	40 30.0	69 38.5	68	1
100	2529 K	AB4	11 20	08	65	2120	4	SOUTH OF NANTUCKET	18	1	02	40 23.5	69 27.0	70	1
100	2529 M	AB4	11 20	08	65	2120	4	SOUTH OF NANTUCKET	18	1	02	40 23.5	69 27.0	70	1
100	2529 O	AB4	11 20	08	65	2120	4	SOUTH OF NANTUCKET	18	1	02	40 23.5	69 27.0	70	1
100	2529 P	AB4	11 20	08	65	2120	4	SOUTH OF NANTUCKET	18	1	02	40 23.5	69 27.0	70	1
100	2530 A	AB4	11 20	08	65	2258	4	SOUTH OF NANTUCKET	18	1	02	40 23.5	69 27.0	70	1
100	2530 K	AB4	11 20	08	65	2258	4	SOUTH OF NANTUCKET	23	1	02	40 18.0	69 17.5	84	1
100	2530 M	AB4	11 20	08	65	2258	4	SOUTH OF NANTUCKET	23	1	02	40 18.0	69 17.5	84	1
100	2530 O	AB4	11 20	08	65	2258	4	SOUTH OF NANTUCKET	23	1	02	40 18.0	69 17.5	84	1
100	2530 P	AB4	11 20	08	65	2258	4	SOUTH OF NANTUCKET	23	1	02	40 18.0	69 17.5	84	1
100	2531 A	AB4	11 21	08	65	0100	4	NW OF HYDROGRAPH CANY	23	1	02	40 18.0	69 17.5	84	1
100	2531 K	AB4	11 21	08	65	0100	4	NW OF HYDROGRAPH CANY	17	1	02	40 12.0	69 08.0	113	1
100	2531 M	AB4	11 21	08	65	0100	4	NW OF HYDROGRAPH CANY	17	1	02	40 12.0	69 08.0	113	1
100	2531 O	AB4	11 21	08	65	0100	4	NW OF HYDROGRAPH CANY	17	1	02	40 12.0	69 08.0	113	1
100	2531 P	AB4	11 21	08	65	0100	4	NW OF HYDROGRAPH CANY	17	1	02	40 12.0	69 08.0	113	1
100	2532 A	AB4	11 21	08	65	0220	4	HYDROGRAPHER CANYON	17	1	02	40 12.0	69 08.0	113	1
100	2532 K	AB4	11 21	08	65	0220	4	HYDROGRAPHER CANYON	16	1	02	40 10.0	69 04.0	402	1
100	2532 M	AB4	11 21	08	65	0220	4	HYDROGRAPHER CANYON	16	1	02	40 10.0	69 04.0	402	1
100	2532 O	AB4	11 21	08	65	0220	4	HYDROGRAPHER CANYON	16	1	02	40 10.0	69 04.0	402	1
100	2532 P	AB4	11 21	08	65	0220	4	HYDROGRAPHER CANYON	16	1	02	40 10.0	69 04.0	402	1
100	2533 A	AB4	11 21	08	65	0510	4	NE OF HYDROGPHER CANY	16	1	02	40 10.0	69 04.0	402	1
100	2533 K	AB4	11 21	08	65	0510	4	NE OF HYDROGPHER CANY	17	1	02	40 19.5	68 49.0	91	1
100	2533 M	AB4	11 21	08	65	0510	4	NE OF HYDROGPHER CANY	17	1	02	40 19.5	68 49.0	91	1
100	2533 O	AB4	11 21	08	65	0510	4	NE OF HYDROGPHER CANY	17	1	02	40 19.5	68 49.0	91	1
100	2533 P	AB4	11 21	08	65	0510	4	NE OF HYDROGPHER CANY	17	1	02	40 19.5	68 49.0	91	1
100	2534 A	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 19.5	68 49.0	91	1
100	2534 K	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2534 M	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2534 O	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2534 P	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2534 R	AB4	11 21	08	65	0830	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2535 A	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 27.5	68 49.0	73	1
100	2535 K	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 35.0	68 44.0	66	1
100	2535 M	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 35.0	68 44.0	66	1
100	2535 O	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 35.0	68 44.0	66	1
100	2535 P	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 35.0	68 44.0	66	1
100	2535 R	AB4	11 21	08	65	1133	4	STH OF GRT SO CHANNEL	17	1	02	40 35.0	68 44.5	66	1
100	2536 A	AB4	11 21	08	65	1500	4	LITTLE GEORGES BANK	17	1	02	40 35.0	68 44.5	66	1
100	2536 K	AB4	11 21	08	65	1500	4	LITTLE GEORGES BANK	14	1	02	40 43.0	68 36.0	55	1
100	2536 M	AB4	11 21	08	65	1500	4	LITTLE GEORGES BANK	14	1	02	40 43.0	68 36.0	55	1
100	2536 O	AB4	11 21	08	65	1500	4	LITTLE GEORGES BANK	14	1	02	40 43.0	68 36.0	55	1
100	2536 P	AB4	11 21	08	65	1500	4	LITTLE GEORGES BANK	14	1	02	40 43.0	68 36.0	55	1
100	2537 A	AB4	11 21	08	65	1645	4	LITTLE GEORGES BANK	14	1	02	40 43.0	68 36.0	55	1
100	2537 K	AB4	11 21	08	65	1645	4	LITTLE GEORGES BANK	14	1	02	40 42.0	68 28.5	35	1
100	2537 M	AB4	11 21	08	65	1645	4	LITTLE GEORGES BANK	14	1	02	40 42.0	68 28.5	35	1
100	2537 O	AB4	11 21	08	65	1645	4	LITTLE GEORGES BANK	14	1	02	40 42.0	68 28.5	35	1
100	2537 P	AB4	11 21	08	65	1645	4	LITTLE GEORGES BANK	14	1	02	40 42.0	68 28.5	35	1
100	2538 A	AB4	11 21	08	65	1845	4	LITTLE GEORGES BANK	14	1	02	40 42.0	68 28.5	35	1
100	2538 K	AB4	11 21	08	65	1845	4	LITTLE GEORGES BANK	14	1	02	40 45.5	68 16.5	55	1
100	2538 M	AB4	11 21	08	65	1845	4	LITTLE GEORGES BANK	14	1	02	40 45.5	68 16.5	55	1
100	2538 O	AB4	11 21	08	65	1845	4	LITTLE GEORGES BANK	14	1	02	40 45.5	68 16.5	55	1
100	2538 P	AB4	11 21	08	65	1845	4	LITTLE GEORGES BANK	14	1	02	40 45.5	68 16.5	55	1
100	2539 A	AB4	11 21	08	65	2148	4	SW GEORGES BANK	14	1	02	40 45.5	68 16.5	55	1
100	2539 K	AB4	11 21	08	65	2148	4	SW GEORGES BANK	14	1	02	40 35.0	67 55.0	90	1
100	2539 M	AB4	11 21	08	65	2148	4	SW GEORGES BANK	14	1	02	40 35.0	67 55.0	90	1
100	2539 O	AB4	11 21	08	65	2148	4	SW GEORGES BANK	14	1	02	40 35.0	67 55.0	90	1
100	2539 P	AB4	11 21	08	65	2148	4	SW GEORGES BANK	14	1	02	40 35.0	67 55.0	90	1
100	2540 A	AB4	11 22	08	65	0045	4	LYDONIA CANYON	14	1	02	40 35.0	67 55.0	90	1
100	2540 K	AB4	11 22	08	65	0045	4	LYDONIA CANYON	15	1	02	40 30.5	67 42.0	421	1
100	2540 M	AB4	11 22	08	65	0045	4	LYDONIA CANYON	15	1	02	40 30.5	67 42.0	421	1
100	2540 O	AB4	11 22	08	65	0045	4	LYDONIA CANYON	15	1	02	40 30.5	67 42.0	421	1
100	2540 P	AB4	11 22	08	65	0045	4	LYDONIA CANYON	15	1	02	40 30.5	67 42.0	421	1
100	2541 A	AB4	11 22	08	65	0430	4	SE GEORGES BANK	15	1	02	40 30.5	67 42.0	421	1
100	2541 K	AB4	11 22	08	65	0430	4	SE GEORGES BANK	14	1	02	40 44.5	67 37.0	80	1
100	2541 M	AB4	11 22	08	65	0430	4	SE GEORGES BANK	14	1	02	40 44.5	67 37.0	80	1
100	2541 O	AB4	11 22	08	65	0430	4	SE GEORGES BANK	14	1	02	40 44.5	67 37.0	80	1
100	2541 P	AB4	11 22	08	65	0430	4	SE GEORGES BANK	14	1	02	40 44.5	67 37.0	80	1
100	2542 A	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	40 44.5	67 37.0	80	1
100	2542 K	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	41 01.0	67 31.5	66	1
100	2542 M	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	41 01.0	67 31.5	66	1
100	2542 O	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	41 01.0	67 31.5	66	1
100	2542 P	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	41 01.0	67 31.5	66	1
100	2542 R	AB4	11 22	08	65	0710	4	SE GEORGES BANK	14	1	02	41 01.0	67 31.5	66	1

[illegible]06 [illegible]5002

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2543 A	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 B	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 C	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 D	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 E	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 F	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 G	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 H	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 I	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 J	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 K	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 L	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 M	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 N	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 O	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 P	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2543 R	AB4 11	22	08	65	0955	4	SE GEORGES BANK	14	1	02	41 09.5	67 28.0	48	1
100	2544 A	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2544 K	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2544 M	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2544 O	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2544 P	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2544 R	AB4 11	22	08	65	1610	4	SE GEORGES BANK	14	1	02	41 14.0	67 04.0	64	1
100	2545 A	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2545 K	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2545 M	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2545 O	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2545 P	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2545 R	AB4 11	22	08	65	1950	4	SE GEORGES BANK	14	1	02	41 13.5	66 38.5	82	1
100	2546 A	AB4 11	21	08	65	0115	4	SE GEORGES BANK	15	1	02	41 17.0	66 11.0	183	1
100	2546 K	AB4 11	23	08	65	0115	4	SE GEORGES BANK	15	1	02	41 17.0	66 11.0	183	1
100	2546 M	AB4 11	23	08	65	0115	4	SE GEORGES BANK	15	1	02	41 17.0	66 11.0	183	1
100	2546 O	AB4 11	23	08	65	0115	4	SE GEORGES BANK	15	1	02	41 17.0	66 11.0	183	1
100	2546 P	AB4 11	23	08	65	0115	4	SE GEORGES BANK	15	1	02	41 17.0	66 11.0	183	1
100	2547 A	AB4 11	23	08	65	0430	4	NE GEORGES BANK	14	1	02	41 39.0	66 09.0	91	1
100	2547 K	AB4 11	23	08	65	0430	4	NE GEORGES BANK	14	1	02	41 39.0	66 09.0	91	1
100	2547 M	AB4 11	23	08	65	0430	4	NE GEORGES BANK	14	1	02	41 39.0	66 09.0	91	1
100	2547 O	AB4 11	23	08	65	0430	4	NE GEORGES BANK	14	1	02	41 39.0	66 09.0	91	1
100	2547 P	AB4 11	23	08	65	0430	4	NE GEORGES BANK	14	1	02	41 39.0	66 09.0	91	1
100	2548 A	AB4 11	23	08	65	0655	4	NE GEORGES BANK	14	1	02	41 58.5	66 06.0	91	1
100	2548 K	AB4 11	23	08	65	0655	4	NE GEORGES BANK	14	1	02	41 58.5	66 06.0	91	1
100	2548 M	AB4 11	23	08	65	0655	4	NE GEORGES BANK	14	1	02	41 58.5	66 06.0	91	1
100	2548 O	AB4 11	23	08	65	0655	4	NE GEORGES BANK	14	1	02	41 58.5	66 06.0	91	1
100	2548 P	AB4 11	23	08	65	0655	4	NE GEORGES BANK	14	1	02	41 58.5	66 06.0	91	1
100	2549 A	AB4 11	23	08	65	1010	4	NORTH EDGE GEORGES BK	14	1	02	42 06.5	66 20.5	95	1
100	2549 K	AB4 11	23	08	65	1010	4	NORTH EDGE GEORGES BK	14	1	02	42 06.5	66 20.5	95	1
100	2549 M	AB4 11	23	08	65	1010	4	NORTH EDGE GEORGES BK	14	1	02	42 06.5	66 20.5	95	1
100	2549 O	AB4 11	23	08	65	1010	4	NORTH EDGE GEORGES BK	14	1	02	42 06.5	66 20.5	95	1
100	2549 P	AB4 11	23	08	65	1010	4	NORTH EDGE GEORGES BK	14	1	02	42 06.5	66 20.5	95	1
100	2550 A	AB4 11	23	08	65	1415	4	NORTH OF N EDG GEO BK	9	1	02	42 16.0	66 44.0	250	1
100	2550 K	AB4 11	23	08	65	1415	4	NORTH OF N EDG GEO BK	9	1	02	42 16.0	66 44.0	250	1
100	2550 M	AB4 11	23	08	65	1415	4	NORTH OF N EDG GEO BK	9	1	02	42 16.0	66 44.0	250	1
100	2550 O	AB4 11	23	08	65	1415	4	NORTH OF N EDG GEO BK	9	1	02	42 16.0	66 44.0	250	1
100	2550 P	AB4 11	23	08	65	1415	4	NORTH OF N EDG GEO BK	9	1	02	42 16.0	66 44.0	250	1
100	2551 A	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 B	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 C	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 D	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 E	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 F	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 G	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 H	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	389	1
100	2551 I	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 J	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 K	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 M	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 N	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 O	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 P	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2551 R	AB4 11	23	08	65	1755	4	NORTH OF GEORGES BSIN	9	1	02	42 23.5	67 05.0	329	1
100	2552 A	AB4 11	24	08	65	0300	4	NORTH OF GEORGES BSIN	9	1	02	42 40.0	66 40.0	165	1
100	2552 K	AB4 11	24	08	65	0300	4	NORTH OF GEORGES BSIN	9	1	02	42 40.0	66 40.0	165	1
100	2552 M	AB4 11	24	08	65	0300	4	NORTH OF GEORGES BSIN	9	1	02	42 40.0	66 40.0	165	1
100	2552 O	AB4 11	24	08	65	0300	4	NORTH OF GEORGES BSIN	9	1	02	42 40.0	66 40.0	165	1
100	2552 P	AB4 11	24	08	65	0300	4	NORTH OF GEORGES BSIN	9	1	02	42 40.0	66 40.0	165	1
100	2553 A	AB4 11	24	08	65	0630	4	NORTH OF GEORGES BSIN	9	1	02	42 54.0	66 41.0	201	1
100	2553 K	AB4 11	24	08	65	0630	4	NORTH OF GEORGES BSIN	9	1	02	42 54.0	66 41.0	201	1
100	2553 M	AB4 11	24	08	65	0630	4	NORTH OF GEORGES BSIN	9	1	02	42 54.0	66 41.0	201	1
100	2553 O	AB4 11	24	08	65	0630	4	NORTH OF GEORGES BSIN	9	1	02	42 54.0	66 41.0	201	1
100	2553 P	AB4 11	24	08	65	0630	4	NORTH OF GEORGES BSIN	9	1	02	42 54.0	66 41.0	201	1
100	2554 A	AB4 11	24	08	65	0915	4	SEAL I-E OF NOV SCOTA	2	1	02	43 10.0	66 39.5	113	1
100	2554 K	AB4 11	24	08	65	0915	4	SEAL I-E OF NOV SCOTA	2	1	02	43 10.0	66 39.5	113	1
100	2554 M	AB4 11	24	08	65	0915	4	SEAL I-E OF NOV SCOTA	2	1	02	43 10.0	66 39.5	113	1
100	2554 O	AB4 11	24	08	65	0915	4	SEAL I-E OF NOV SCOTA	2	1	02	43 10.0	66 39.5	113	1
100	2554 P	AB4 11	24	08	65	0915	4	SEAL I-E OF NOV SCOTA	2	1	02	43 10.0	66 39.5	113	1
100	2555 A	AB4 11	24	08	65	1255	4	WEST OF SEAL I, N.S.	5	1	02	43 08.0	67 05.0	174	1
100	2555 K	AB4 11	24	08	65	1255	4	WEST OF SEAL I, N.S.	5	1	02	43 08.0	67 05.0	174	1
100	2555 M	AB4 11	24	08	65	1255	4	WEST OF SEAL I, N.S.	5	1	02	43 08.0	67 05.0	174	1
100	2555 O	AB4 11	24	08	65	1255	4	WEST OF SEAL I, N.S.	5	1	02	43 08.0	67 05.0	174	1
100	2555 P	AB4 11	24	08	65	1255	4	WEST OF SEAL I, N.S.	5	1	02	43 08.0	67 05.0	174	1

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2556 A	AB4 11	24 08 65	1740	4	WEST OF SEAL I, N.S.	5	1	02	43 10.0	67 30.0	188	1
100	2556 K	AB4 11	24 08 65	1740	4	WEST OF SEAL I, N.S.	5	1	02	43 10.0	67 30.0	188	1
100	2556 M	AB4 11	24 08 65	1740	4	WEST OF SEAL I, N.S.	5	1	02	43 10.0	67 30.0	188	1
100	2556 O	AB4 11	24 08 65	1740	4	WEST OF SEAL I, N.S.	5	1	02	43 10.0	67 30.0	188	1
100	2556 P	AB4 11	24 08 65	1740	4	WEST OF SEAL I, N.S.	5	1	02	43 10.0	67 30.0	188	1
100	2557 A	AB4 11	24 08 65	2220	4	SW OF NOVA SCOTIA	9	1	02	42 40.0	67 30.5	201	1
100	2557 K	AB4 11	24 08 65	2220	4	SW OF NOVA SCOTIA	9	1	02	42 40.0	67 30.5	201	1
100	2557 M	AB4 11	24 08 65	2220	4	SW OF NOVA SCOTIA	9	1	02	42 40.0	67 30.5	201	1
100	2557 O	AB4 11	24 08 65	2220	4	SW OF NOVA SCOTIA	9	1	02	42 40.0	67 30.5	201	1
100	2557 P	AB4 11	24 08 65	2220	4	SW OF NOVA SCOTIA	9	1	02	42 40.0	67 30.5	201	1
100	2558 A	AB4 11	25 08 65	0140	4	SE OF CASHES LEDGE	9	1	02	42 34.0	67 49.0	232	1
100	2558 K	AB4 11	25 08 65	0140	4	SE OF CASHES LEDGE	9	1	02	42 34.0	67 49.0	232	1
100	2558 M	AB4 11	25 08 65	0140	4	SE OF CASHES LEDGE	9	1	02	42 34.0	67 49.0	232	1
100	2558 O	AB4 11	25 08 65	0140	4	SE OF CASHES LEDGE	9	1	02	42 34.0	67 49.0	232	1
100	2558 P	AB4 11	25 08 65	0140	4	SE OF CASHES LEDGE	9	1	02	42 34.0	67 49.0	232	1
100	2559 A	AB4 11	25 08 65	0420	4	SE OF CASHES LEDGE	10	1	02	42 29.5	68 10.5	155	1
100	2559 K	AB4 11	25 08 65	0420	4	SE OF CASHES LEDGE	10	1	02	42 29.5	68 10.5	155	1
100	2559 M	AB4 11	25 08 65	0420	4	SE OF CASHES LEDGE	10	1	02	42 29.5	68 10.5	155	1
100	2559 O	AB4 11	25 08 65	0420	4	SE OF CASHES LEDGE	10	1	02	42 29.5	68 10.5	155	1
100	2559 P	AB4 11	25 08 65	0420	4	SE OF CASHES LEDGE	10	1	02	42 29.5	68 10.5	155	1
100	2560 A	AB4 11	25 08 65	0820	4	SE OF CASHES LEDGE	10	1	02	42 36.5	68 28.0	220	1
100	2560 K	AB4 11	25 08 65	0820	4	SE OF CASHES LEDGE	10	1	02	42 36.5	68 28.0	220	1
100	2560 M	AB4 11	25 08 65	0820	4	SE OF CASHES LEDGE	10	1	02	42 36.5	68 28.0	220	1
100	2560 P	AB4 11	25 08 65	0820	4	SE OF CASHES LEDGE	10	1	02	42 36.5	68 28.0	220	1
100	2561 A	AB4 11	25 08 65	1125	4	S OF CASHES LEDGE	10	1	02	42 38.5	68 49.0	166	1
100	2561 K	AB4 11	25 08 65	1125	4	S OF CASHES LEDGE	10	1	02	42 38.5	68 49.0	166	1
100	2561 M	AB4 11	25 08 65	1125	4	S OF CASHES LEDGE	10	1	02	42 38.5	68 49.0	166	1
100	2561 O	AB4 11	25 08 65	1125	4	S OF CASHES LEDGE	10	1	02	42 38.5	68 49.0	166	1
100	2561 P	AB4 11	25 08 65	1125	4	S OF CASHES LEDGE	10	1	02	42 38.5	68 49.0	166	1
100	2562 A	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 B	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 C	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 D	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 E	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 F	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 G	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 H	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 I	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 J	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 K	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 M	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 O	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 P	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2562 R	AB4 11	25 08 65	1430	4	S OF CASHES LEDGE	13	1	02	42 28.5	69 02.5	220	1
100	2563 A	AB4 11	25 08 65	2100	4	SW OF CASHES LEDGE	10	1	02	42 42.5	69 03.0	155	1
100	2563 K	AB4 11	25 08 65	2100	4	SW OF CASHES LEDGE	10	1	02	42 42.5	69 03.0	155	1
100	2563 M	AB4 11	25 08 65	2100	4	SW OF CASHES LEDGE	10	1	02	42 42.5	69 03.0	155	1
100	2563 O	AB4 11	25 08 65	2100	4	SW OF CASHES LEDGE	10	1	02	42 42.5	69 03.0	155	1
100	2563 P	AB4 11	25 08 65	2100	4	SW OF CASHES LEDGE	10	1	02	42 42.5	69 03.0	155	1
100	2564 A	AB4 11	25 08 65	2350	4	FIPPENNIES LEDGE	13	1	02	42 46.5	69 17.0	73	1
100	2564 K	AB4 11	25 08 65	2350	4	FIPPENNIES LEDGE	13	1	02	42 46.5	69 17.0	73	1
100	2564 M	AB4 11	25 08 65	2350	4	FIPPENNIES LEDGE	13	1	02	42 46.5	69 17.0	73	1
100	2564 O	AB4 11	25 08 65	2350	4	FIPPENNIES LEDGE	13	1	02	42 46.5	69 17.0	73	1
100	2564 P	AB4 11	25 08 65	2350	4	FIPPENNIES LEDGE	13	1	02	42 46.5	69 17.0	73	1
100	2565 A	AB4 11	26 08 65	0510	4	WILKINSON BASIN	13	1	02	42 31.5	69 32.0	274	1
100	2565 K	AB4 11	26 08 65	0510	4	WILKINSON BASIN	13	1	02	42 31.5	69 32.0	274	1
100	2565 M	AB4 11	26 08 65	0510	4	WILKINSON BASIN	13	1	02	42 31.5	69 32.0	274	1
100	2565 O	AB4 11	26 08 65	0510	4	WILKINSON BASIN	13	1	02	42 31.5	69 32.0	274	1
100	2566 A	AB4 11	26 08 65	0837	4	WILKINSON BASIN	13	1	02	42 50.0	69 45.5	238	1
100	2566 K	AB4 11	26 08 65	0837	4	WILKINSON BASIN	13	1	02	42 50.0	69 45.5	238	1
100	2566 M	AB4 11	26 08 65	0837	4	WILKINSON BASIN	13	1	02	42 50.0	69 45.5	238	1
100	2566 O	AB4 11	26 08 65	0837	4	WILKINSON BASIN	13	1	02	42 50.0	69 45.5	238	1
100	2567 A	AB4 11	26 08 65	1152	4	JEFFRYS LEDGE	13	1	02	42 59.0	70 02.0	55	1
100	2567 K	AB4 11	26 08 65	1152	4	JEFFRYS LEDGE	13	1	02	42 59.0	70 02.0	55	1
100	2567 M	AB4 11	26 08 65	1152	4	JEFFRYS LEDGE	13	1	02	42 59.0	70 02.0	55	1
100	2567 O	AB4 11	26 08 65	1152	4	JEFFRYS LEDGE	13	1	02	42 59.0	70 02.0	55	1
100	2568 A	AB4 11	26 08 65	1450	4	JEFFRYS LEDGE	13	1	02	42 51.5	70 20.5	55	1
100	2568 K	AB4 11	26 08 65	1450	4	JEFFRYS LEDGE	13	1	02	42 51.5	70 20.5	55	1
100	2568 M	AB4 11	26 08 65	1450	4	JEFFRYS LEDGE	13	1	02	42 51.5	70 20.5	55	1
100	2568 O	AB4 11	26 08 65	1450	4	JEFFRYS LEDGE	13	1	02	42 51.5	70 20.5	55	1
100	2569 A	AB4 11	26 08 65	1720	4	EAST OF CAPE ANN	13	1	02	42 38.5	70 11.0	77	1
100	2569 K	AB4 11	26 08 65	1720	4	EAST OF CAPE ANN	13	1	02	42 38.5	70 11.0	77	1
100	2569 M	AB4 11	26 08 65	1720	4	EAST OF CAPE ANN	13	1	02	42 38.5	70 11.0	77	1
100	2569 O	AB4 11	26 08 65	1720	4	EAST OF CAPE ANN	13	1	02	42 38.5	70 11.0	77	1
100	2570 A	AB4 11	26 08 65	2025	4	STELLWAGON BANK	13	1	02	42 23.0	70 21.5	31	1
100	2570 K	AB4 11	26 08 65	2025	4	STELLWAGON BANK	13	1	02	42 23.0	70 21.5	31	1
100	2570 M	AB4 11	26 08 65	2025	4	STELLWAGON BANK	13	1	02	42 23.0	70 21.5	31	1
100	2570 O	AB4 11	26 08 65	2025	4	STELLWAGON BANK	13	1	02	42 23.0	70 21.5	31	1
100	2571	GOS 90	04 08 66	2016	4	NORFOLK CANYON	39	2	02	37 05.8	74 38.8	408	2
100	2572 A	GOS 90	04 08 66	2423	4	WASHINGTON CANYON	35	2	02	37 25.6	74 29.9	410	2
100	2572 B	GOS 90	04 08 66	2423	4	WASHINGTON CANYON	35	2	02	37 25.6	74 29.9	410	2
100	2573	GOS 90	05 08 66	0220	4	WASHINGTON CANYON	35	2	02	37 23.5	74 20.3	910	2
100	2574	GOS 90	05 08 66	0422	4	WASHINGTON CANYON	35	2	02	37 23.5	74 24.2	945	2
100	2575	GOS 90	05 08 66	0852	4	NORFOLK CANYON	39	2	02	37 06.0	74 39.4	422	2
100	2576	GOS 90	05 08 66	1016	4	NORFOLK CANYON	39	2	02	37 03.1	74 37.8	767	2
100	2577 A	GOS 90	05 08 66	1130	4	NORFOLK CANYON	39	2	02	37 03.0	74 36.4	400	2
100	2577 B	GOS 90	05 08 66	1130	4	NORFOLK CANYON	39	2	02	37 03.0	74 36.4	400	2
100	2577 C	GOS 90	05 08 66	1130	4	NORFOLK CANYON	39	2	02	37 03.0	74 36.4	400	2
100	2578	GOS 90	05 08 66	1245	4	NORFOLK CANYON	39	2	02	37 04.3	74 36.2	765	2
100	2579	GOS 90	06 08 66	1047	4	WILMINGTON CANYON	28	2	02	38 22.2	73 31.2	945	2

[illegible]06[illegible]02

CODE #	STATION #	CRUISE #	DATE DA	DATE MO	DATE YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2580 A	GOS 90	06	08	66	1210	4	WILMINGTON CANYON	28	2	02	38 23.8	73 31.2	530	2
100	2580 B	GOS 90	06	08	66	1210	4	WILMINGTON CANYON	28	2	02	38 23.8	73 31.2	530	2
100	2580 C	GOS 90	06	08	66	1210	4	WILMINGTON CANYON	28	2	02	38 23.8	73 31.2	530	2
100	2580 D	GOS 90	06	08	66	1210	4	WILMINGTON CANYON	28	2	02	38 23.8	73 31.2	530	2
100	2581	GOS 90	06	08	66	1356	4	WILMINGTON CANYON	28	2	02	38 21.8	73 29.1	588	2
100	2582 A	GOS 90	06	08	66	1530	4	WILMINGTON CANYON	28	2	02	38 22.4	73 29.0	435	2
100	2582 B	GOS 90	06	08	66	1530	4	WILMINGTON CANYON	28	2	02	38 22.4	73 29.0	435	2
100	2583 A	GOS 90	06	08	66	1638	4	WILMINGTON CANYON	28	2	02	38 22.9	73 29.4	443	2
100	2583 B	GOS 90	06	08	66	1638	4	WILMINGTON CANYON	28	2	02	38 22.9	73 29.4	443	2
100	2583 C	GOS 90	06	08	66	1638	4	WILMINGTON CANYON	28	2	02	38 22.9	73 29.4	443	2
100	2584	GOS 90	06	08	66	1752	4	WILMINGTON CANYON	28	2	02	38 24.8	73 30.6	324	2
100	2585 A	GOS 90	06	08	66	1920	4	WILMINGTON CANYON	28	2	02	38 19.8	73 26.5	1010	2
100	2585 B	GOS 90	06	08	66	1920	4	WILMINGTON CANYON	28	2	02	38 19.8	73 26.5	1010	2
100	2586 A	GOS 90	06	08	66	2110	4	WILMINGTON CANYON	28	2	02	38 21.0	73 26.5	520	2
100	2586 B	GOS 90	06	08	66	2110	4	WILMINGTON CANYON	28	2	02	38 21.0	73 26.5	520	2
100	2586 C	GOS 90	06	08	66	2110	4	WILMINGTON CANYON	28	2	02	38 21.0	73 26.5	520	2
100	2587 A	GOS 90	07	08	66	0145	4	WILMINGTON CANYON	28	2	02	38 19.4	73 28.5	1400	2
100	2587 B	GOS 90	07	08	66	0145	4	WILMINGTON CANYON	28	2	02	38 19.4	73 28.5	1400	2
100	2588	GOS 90	07	08	66	0452	4	WILMINGTON CANYON	28	2	02	38 22.3	73 30.8	675	2
100	2589 A	GOS 90	07	08	66	0640	4	WILMINGTON CANYON	28	2	02	38 20.9	73 31.9	817	2
100	2589 B	GOS 90	07	08	66	0640	4	WILMINGTON CANYON	28	2	02	38 20.9	73 31.9	817	2
100	2590 A	GOS 90	07	08	66	0855	4	WILMINGTON CANYON	28	2	02	38 18.8	73 29.4	1165	2
100	2590 B	GOS 90	07	08	66	0855	4	WILMINGTON CANYON	28	2	02	38 18.8	73 29.4	1165	2
100	2591	GOS 90	07	08	66	1154	4	WILMINGTON CANYON	28	2	02	38 28.2	73 30.5	390	2
100	2592	GOS 90	07	08	66	1255	4	WILMINGTON CANYON	28	2	02	38 27.8	73 31.0	426	2
100	2593 A	GOS 90	07	08	66	1718	4	BALTIMORE CANYON	35	2	02	38 07.6	73 50.6	580	2
100	2593 B	GOS 90	07	08	66	1718	4	BALTIMORE CANYON	35	2	02	38 07.6	73 50.6	580	2
100	2593 C	GOS 90	07	08	66	1718	4	BALTIMORE CANYON	35	2	02	38 07.6	73 50.6	580	2
100	2594	GOS 90	07	08	66	1905	4	BALTIMORE CANYON	35	2	02	38 06.6	73 50.5	715	2
100	2595	GOS 90	07	08	66	2030	4	BALTIMORE CANYON	35	2	02	38 06.5	73 49.0	860	2
100	2596 A	GOS 90	07	08	66	2210	4	BALTIMORE CANYON	35	2	02	38 09.7	73 51.2	566	2
100	2596 B	GOS 90	07	08	66	2210	4	BALTIMORE CANYON	35	2	02	38 09.7	73 51.2	566	2
100	2597	GOS 90	08	08	66	0052	4	BALTIMORE CANYON	35	2	02	38 04.3	73 46.1	1100	2
100	2598	GOS 90	11	08	66	0250	4	HUDSON CANYON	28	1	02	39 39.3	72 28.0	190	2
100	2599	GOS 90	11	08	66	0402	4	HUDSON CANYON	28	1	02	39 38.2	72 25.3	343	2
100	2600	GOS 90	11	08	66	0448	4	HUDSON CANYON	28	1	02	39 38.5	72 25.4	305	2
100	2601	GOS 90	11	08	66	0705	4	HUDSON CANYON	28	1	02	39 32.3	72 23.5	556	2
100	2602 A	GOS 90	11	08	66	0810	4	HUDSON CANYON	28	1	02	39 32.6	72 23.5	403	2
100	2602 B	GOS 90	11	08	66	0810	4	HUDSON CANYON	28	1	02	39 32.6	72 23.5	403	2
100	2603	GOS 90	11	08	66	0947	4	HUDSON CANYON	28	1	02	39 29.6	72 19.3	694	2
100	2604 A	GOS 90	11	08	66	1119	4	HUDSON CANYON	28	1	02	39 30.7	72 19.0	700	2
100	2604 B	GOS 90	11	08	66	1119	4	HUDSON CANYON	28	1	02	39 30.7	72 19.0	700	2
100	2604 C	GOS 90	11	08	66	1119	4	HUDSON CANYON	28	1	02	39 30.7	72 19.0	700	2
100	2604 D	GOS 90	11	08	66	1119	4	HUDSON CANYON	28	1	02	39 30.7	72 19.0	700	2
100	2605	GOS 90	11	08	66	1335	4	HUDSON CANYON	28	1	02	39 27.0	72 12.2	1090	2
100	2606	GOS 90	11	08	66	1525	4	HUDSON CANYON	28	1	02	39 29.1	72 13.3	680	2
100	2607	GOS 90	11	08	66	1645	4	HUDSON CANYON	28	1	02	39 29.7	72 12.9	382	2
100	2608 A	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 B	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 C	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 D	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 E	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 F	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 G	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2608 H	GOS 90	12	08	66	1440	4	HUDSON CANYON	28	1	02	39 20.7	72 04.2	1820	2
100	2609	GOS 90	12	08	66	1734	4	HUDSON CANYON	28	1	02	39 22.0	72 04.1	1450	2
100	2610 A	GOS 90	12	08	66	1950	4	HUDSON CANYON	28	1	02	39 22.8	72 03.6	1165	2
100	2610 B	GOS 90	12	08	66	1950	4	HUDSON CANYON	28	1	02	39 22.8	72 03.6	1165	2
100	2610 C	GOS 90	12	08	66	1950	4	HUDSON CANYON	28	1	02	39 22.8	72 03.6	1165	2
100	2610 D	GOS 90	12	08	66	1950	4	HUDSON CANYON	28	1	02	39 22.8	72 03.6	1165	2
100	2611	GOS 90	13	08	66	0034	4	HUDSON CANYON	28	1	02	39 14.2	71 54.0	2200	2
100	2612 A	GOS 90	13	08	66	0346	4	HUDSON CANYON	28	1	02	39 15.8	71 54.0	1810	2
100	2612 B	GOS 90	13	08	66	0346	4	HUDSON CANYON	28	1	02	39 15.8	71 54.0	1810	2
100	2613	GOS 90	13	08	66	0757	4	HUDSON CANYON	28	1	02	39 23.3	72 03.6	910	2
100	2614 A	GOS 90	13	08	66	0950	4	HUDSON CANYON	28	1	02	39 21.2	72 03.9	1600	2
100	2614 B	GOS 90	13	08	66	0950	4	HUDSON CANYON	28	1	02	39 21.2	72 03.9	1600	2
100	2615	GOS 90	13	08	66	1337	4	HUDSON CANYON	28	1	02	39 28.0	71 56.7	1045	2
100	2616	GOS 90	13	08	66	1626	4	HUDSON CANYON	24	1	02	39 31.6	71 45.2	1685	2
100	2617	GOS 90	13	08	66	1812	4	HUDSON CANYON	24	1	02	39 32.3	71 44.4	1715	2
100	2618	GOS 90	14	08	66	2355	4	DOUBLE CANYON	24	1	02	39 36.7	71 33.4	1900	2
100	2619	GOS 90	14	08	66	0309	4	DOUBLE CANYON	24	1	02	39 44.6	71 39.9	847	2
100	2620 A	GOS 90	14	08	66	0925	4	BLOCK CANYON	24	1	02	40 00.4	71 19.3	333	2
100	2620 B	GOS 90	14	08	66	0925	4	BLOCK CANYON	24	1	02	40 00.4	71 19.3	333	2
100	2620 C	GOS 90	14	08	66	0925	4	BLOCK CANYON	24	1	02	40 00.4	71 19.3	333	2
100	2620 D	GOS 90	14	08	66	0925	4	BLOCK CANYON	24	1	02	40 00.4	71 19.3	333	2
100	2621 A	GOS 90	14	08	66	1223	4	BLOCK CANYON	24	1	02	39 49.0	71 12.0	1070	2
100	2621 B	GOS 90	14	08	66	1223	4	BLOCK CANYON	24	1	02	39 49.0	71 12.0	1070	2
100	2621 C	GOS 90	14	08	66	1223	4	BLOCK CANYON	24	1	02	39 49.0	71 12.0	1070	2
100	2622	GOS 90	14	08	66	1525	4	BLOCK CANYON	24	1	02	39 44.1	71 13.5	1670	2
100	2623	GOS 90	14	08	66	2242	4	CANYON AT 70 30	24	1	02	39 54.2	70 30.6	1040	2
100	2624	GOS 90	15	08	66	0118	4	CANYON AT 70 30	24	1	02	39 51.6	70 30.0	1360	2
100	2625 A	GOS 90	15	08	66	0425	4	CANYON AT 70 30	24	1	02	39 46.2	70 30.5	1775	2
100	2625 B	GOS 90	15	08	66	0425	4	CANYON AT 70 30	24	1	02	39 46.2	70 30.5	1775	2
100	2625 C	GOS 90	15	08	66	0425	4	CANYON AT 70 30	24	1	02	39 46.2	70 30.5	1775	2
100	2625 D	GOS 90	15	08	66	0425	4	CANYON AT 70 30	24	1	02	39 46.2	70 30.5	1775	2
100	2625 E	GOS 90	15	08	66	0425	4	CANYON AT 70 30	24	1	02	39 46.2	70 30.5	1775	2
100	2626 A	GOS 90	15	08	66	0830	4	ATLANTIS CANYON	24	1	02	39 46.8	70 13.5	1880	2
100	2626 B	GOS 90	15	08	66	0830	4	ATLANTIS CANYON	24	1	02	39 46.8	70 13.5	1880	2
100	2627 A	GOS 90	15	08	66	1130	4	ATLANTIS CANYON	24	1	02	39 52.5	70 14.6	1275	2
100	2627 B	GOS 90	15	08	66	1130	4	ATLANTIS CANYON	24	1	02	39 52.5	70 14.6	1275	2

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2628	GOS 90	15 08 66	1305	4	ATLANTIS CANYON	24	1	02	39 52.1	70 13.5	1320	2
100	2629	GOS 90	15 08 66	1540	4	ATLANTIS CANYON	24	1	02	39 52.6	70 15.5	1015	2
100	2630	GOS 90	15 08 66	1820	4	W OF ATLANTIS CANYON	24	1	02	39 46.3	70 16.5	1780	2
100	2631	GOS 90	15 08 66	2238	4	ATLANTIS CANYON	24	1	02	39 56.9	70 15.7	840	2
100	2632 A	GOS 90	19 08 66	1409	4	CORSAIR CANYON	15	1	02	41 23.9	66 13.4	360	2
100	2632 B	GOS 90	19 08 66	1409	4	CORSAIR CANYON	15	1	02	41 23.9	66 13.4	360	2
100	2632 C	GOS 90	19 08 66	1409	4	CORSAIR CANYON	15	1	02	41 23.9	66 13.4	360	2
100	2633	GOS 90	19 08 66	1725	4	CORSAIR CANYON	15	1	02	41 20.7	66 08.4	865	2
100	2634	GOS 90	19 08 66	1957	4	CORSAIR CANYON	15	1	02	41 19.7	66 09.2	835	2
100	2635	GOS 90	19 08 66	2137	4	CORSAIR CANYON	15	1	02	41 16.5	66 07.5	1005	2
100	2636 A	GOS 90	19 08 66	2307	4	CORSAIR CANYON	15	1	02	41 16.5	66 06.5	1223	2
100	2636 B	GOS 90	19 08 66	2307	4	CORSAIR CANYON	15	1	02	41 16.5	66 06.5	1223	2
100	2637 A	GOS 90	20 08 66	0354	4	CORSAIR CANYON	15	1	02	41 22.6	66 09.6	522	2
100	2637 B	GOS 90	20 08 66	0354	4	CORSAIR CANYON	15	1	02	41 22.6	66 09.6	522	2
100	2637 C	GOS 90	20 08 66	0354	4	CORSAIR CANYON	15	1	02	41 22.6	66 09.6	522	2
100	2637 D	GOS 90	20 08 66	0354	4	CORSAIR CANYON	15	1	02	41 22.6	66 09.6	522	2
100	2638 A	GOS 90	20 08 66	0607	4	CORSAIR CANYON	15	1	02	41 22.5	66 11.5	462	2
100	2638 B	GOS 90	20 08 66	0607	4	CORSAIR CANYON	15	1	02	41 22.5	66 11.5	462	2
100	2638 C	GOS 90	20 08 66	0607	4	CORSAIR CANYON	15	1	02	41 22.5	66 11.5	462	2
100	2638 D	GOS 90	20 08 66	0607	4	CORSAIR CANYON	15	1	02	41 22.5	66 11.5	462	2
100	2639	GOS 90	20 08 66	0752	4	CORSAIR CANYON	15	1	02	41 19.9	66 10.0	500	2
100	2640 A	GOS 90	20 08 66	0916	4	CORSAIR CANYON	15	1	02	41 20.5	66 09.5	820	2
100	2640 B	GOS 90	20 08 66	0916	4	CORSAIR CANYON	15	1	02	41 20.5	66 09.5	820	2
100	2641	GOS 90	20 08 66	2158	4	LYDONIA CANYON	15	1	02	40 30.4	67 42.6	400	2
100	2642 A	GOS 90	20 08 66	2346	4	LYDONIA CANYON	15	1	02	40 28.2	67 39.8	403	2
100	2642 B	GOS 90	20 08 66	2346	4	LYDONIA CANYON	15	1	02	40 28.2	67 39.8	403	2
100	2643	GOS 90	21 08 66	0245	4	LYDONIA CANYON	15	1	02	40 21.2	67 40.6	925	2
100	2644	GOS 90	21 08 66	0411	4	LYDONIA CANYON	15	1	02	40 22.0	67 41.0	795	2
100	2645 A	GOS 90	21 08 66	0720	4	LYDONIA CANYON	15	1	02	40 15.4	67 38.3	1700	2
100	2645 B	GOS 90	21 08 66	0720	4	LYDONIA CANYON	15	1	02	40 15.4	67 38.3	1700	2
100	2645 C	GOS 90	21 08 66	0720	4	LYDONIA CANYON	15	1	02	40 15.4	67 38.3	1700	2
100	2646 A	GOS 90	21 08 66	1004	4	LYDONIA CANYON	15	1	02	40 20.5	67 41.0	1175	2
100	2646 B	GOS 90	21 08 66	1004	4	LYDONIA CANYON	15	1	02	40 20.5	67 41.0	1175	2
100	2646 C	GOS 90	21 08 66	1004	4	LYDONIA CANYON	15	1	02	40 20.5	67 41.0	1175	2
100	2646 D	GOS 90	21 08 66	1004	4	LYDONIA CANYON	15	1	02	40 20.5	67 41.0	1175	2
100	2647	GOS 90	21 08 66	1607	4	LYDONIA CANYON	15	1	02	40 20.0	67 41.4	1000	2
100	2648	GOS 90	21 08 66	2253	4	GILBERT CANYON	15	1	02	40 11.6	67 51.0	2060	2
100	2649	GOS 90	22 08 66	0355	4	GILBERT CANYON	15	1	02	40 16.0	67 50.0	1650	2
100	2650	GOS 90	22 08 66	0602	4	GILBERT CANYON	15	1	02	40 15.4	67 51.4	1770	2
100	2651 A	GOS 90	22 08 66	1115	4	OCEANOGRAPHER CANYON	15	1	02	40 14.7	68 06.2	1650	2
100	2651 B	GOS 90	22 08 66	1115	4	OCEANOGRAPHER CANYON	15	1	02	40 14.7	68 06.2	1650	2
100	2651 C	GOS 90	22 08 66	1115	4	OCEANOGRAPHER CANYON	15	1	02	40 14.7	68 06.2	1650	2
100	2652 A	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 B	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 C	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 D	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 E	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 F	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 G	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 H	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 I	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 J	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 K	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2652 L	GOS 90	22 08 66	1402	4	OCEANOGRAPHER CANYON	15	1	02	40 15.1	68 07.2	1500	2
100	2653 A	GOS 90	22 08 66	1645	4	OCEANOGRAPHER CANYON	15	1	02	40 15.7	68 07.6	1210	2
100	2653 B	GOS 90	22 08 66	1645	4	OCEANOGRAPHER CANYON	15	1	02	40 15.7	68 07.6	1210	2
100	2653 C	GOS 90	22 08 66	1645	4	OCEANOGRAPHER CANYON	15	1	02	40 15.7	68 07.6	1210	2
100	2654 A	GOS 90	22 08 66	1905	4	OCEANOGRAPHER CANYON	15	1	02	40 14.3	68 06.2	1270	2
100	2654 B	GOS 90	22 08 66	1905	4	OCEANOGRAPHER CANYON	15	1	02	40 14.3	68 06.2	1270	2
100	2655 A	GOS 90	22 08 66	2135	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 07.6	1080	2
100	2655 B	GOS 90	22 08 66	2135	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 07.6	1080	2
100	2655 C	GOS 90	22 08 66	2135	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 07.6	1080	2
100	2655 D	GOS 90	22 08 66	2135	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 07.6	1080	2
100	2656 A	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2656 B	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2656 C	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2656 D	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2656 E	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2656 F	GOS 90	22 08 66	2338	4	OCEANOGRAPHER CANYON	15	1	02	40 16.0	68 08.3	950	2
100	2657	GOS 90	23 08 66	0350	4	OCEANOGRAPHER CANYON	15	1	02	40 15.5	68 08.9	476	2
100	2658 A	GOS 90	23 08 66	0826	4	OCEANOGRAPHER CANYON	15	1	02	40 20.4	68 08.0	1060	2
100	2658 B	GOS 90	23 08 66	0826	4	OCEANOGRAPHER CANYON	15	1	02	40 20.4	68 08.0	1060	2
100	2659 A	GOS 90	23 08 66	1029	4	OCEANOGRAPHER CANYON	15	1	02	40 19.3	68 07.2	1050	2
100	2659 B	GOS 90	23 08 66	1029	4	OCEANOGRAPHER CANYON	15	1	02	40 19.3	68 07.2	1050	2
100	2659 C	GOS 90	23 08 66	1029	4	OCEANOGRAPHER CANYON	15	1	02	40 19.3	68 07.2	1050	2
100	2659 D	GOS 90	23 08 66	1029	4	OCEANOGRAPHER CANYON	15	1	02	40 19.3	68 07.2	1050	2
100	2660 A	GOS 90	23 08 66	1314	4	OCEANOGRAPHER CANYON	15	1	02	40 20.2	68 08.6	840	2
100	2660 B	GOS 90	23 08 66	1314	4	OCEANOGRAPHER CANYON	15	1	02	40 20.2	68 08.6	840	2
100	2660 C	GOS 90	23 08 66	1314	4	OCEANOGRAPHER CANYON	15	1	02	40 20.2	68 08.6	840	2
100	2660 D	GOS 90	23 08 66	1314	4	OCEANOGRAPHER CANYON	15	1	02	40 20.2	68 08.6	840	2
100	2661 A	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 B	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 C	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 D	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 E	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 F	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 G	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 H	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 I	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2661 J	GOS 90	23 08 66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2

CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2661 K	GOS 90	23	08	66	1552	4	OCEANOGRAPHER CANYON	15	1	02	40 19.8	68 05.8	575	2
100	2662 A	GOS 90	24	08	66	0251	4	HYDROGRAPHER CANYON	16	1	02	40 00.0	68 59.5	1250	2
100	2662 B	GOS 90	24	08	66	0251	4	HYDROGRAPHER CANYON	16	1	02	40 00.0	68 59.5	1250	2
100	2662 C	GOS 90	24	08	66	0251	4	HYDROGRAPHER CANYON	16	1	02	40 00.0	68 59.5	1250	2
100	2663 A	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2663 B	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2663 C	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2663 D	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2663 E	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2663 F	GOS 90	24	08	66	0610	4	HYDROGRAPHER CANYON	16	1	02	40 03.8	69 01.1	820	2
100	2664 A	GOS 90	24	08	66	0754	4	HYDROGRAPHER CANYON	16	1	02	40 02.9	69 02.2	995	2
100	2664 B	GOS 90	24	08	66	0754	4	HYDROGRAPHER CANYON	16	1	02	40 02.9	69 02.2	995	2
100	2664 C	GOS 90	24	08	66	0754	4	HYDROGRAPHER CANYON	16	1	02	40 02.9	69 02.2	995	2
100	2665 A	GOS 90	24	08	66	1028	4	HYDROGRAPHER CANYON	16	1	02	40 01.3	69 01.8	1140	2
100	2665 B	GOS 90	24	08	66	1028	4	HYDROGRAPHER CANYON	16	1	02	40 01.3	69 01.8	1140	2
100	2665 C	GOS 90	24	08	66	1028	4	HYDROGRAPHER CANYON	16	1	02	40 01.3	69 01.8	1140	2
100	2665 D	GOS 90	24	08	66	1028	4	HYDROGRAPHER CANYON	16	1	02	40 01.3	69 01.8	1140	2
100	2665 E	GOS 90	24	08	66	1028	4	HYDROGRAPHER CANYON	16	1	02	40 01.3	69 01.8	1140	2
100	2666	GOS 90	24	08	66	1336	4	HYDROGRAPHER CANYON	16	1	02	40 05.1	69 02.4	700	2
100	2667	GOS 90	24	08	66	1905	4	VEATCH CANYON	24	1	02	39 56.2	69 37.2	825	2
100	2668 A	GOS 90	24	08	66	2105	4	VEATCH CANYON	24	1	02	39 59.0	69 36.4	470	2
100	2668 B	GOS 90	24	08	66	2105	4	VEATCH CANYON	24	1	02	39 59.0	69 36.4	470	2
100	2668 C	GOS 90	24	08	66	2105	4	VEATCH CANYON	24	1	02	39 59.0	69 36.4	470	2
100	2669	GOS 85	28	04	66	2245	5	NORFOLK CANYON	29	2	02	36 39.2	73 15.1	3285	1
100	2670	GOS 85	28	04	66	2249	5	NORFOLK CANYON	29	2	02	36 39.2	73 15.5	3252	1
100	2671	GOS 85	30	04	66	2135	5	WILMINGTON CANYON	29	2	02	37 21.0	72 14.0	3422	1
100	2672	GOS 85	30	04	66	2140	5	WILMINGTON CANYON	29	2	02	37 22.5	72 14.5	3532	1
100	2673	GOS 85	30	04	66	2147	5	WILMINGTON CANYON	29	2	02	37 22.5	72 15.0	3552	1
100	2674	GOS 85	30	04	66	2337	5	WILMINGTON CANYON	29	2	02	37 24.0	72 16.0	3356	1
100	2675	GOS 85	30	04	66	2355	5	WILMINGTON CANYON	29	2	02	37 24.4	72 15.7	3574	1
100	2676	GOS 85	02	05	66	0015	5	WILMINGTON CANYON	29	2	02	38 02.0	72 29.0	3026	1
100	2677	GOS 85	02	05	66	0020	5	WILMINGTON CANYON	29	2	02	38 02.0	72 29.3	3025	1
100	2678	GOS 85	02	05	66	0024	5	WILMINGTON CANYON	29	2	02	38 01.9	72 29.7	3012	1
100	2679	GOS 88	20	06	66	2053	4	LYDONIA CANYON	30	1	02	39 39.4	67 31.6	3423	1
100	2680	GOS 88	23	06	66	2050	4	CORSAIR CANYON	30	1	02	41 05.6	65 34.0	2783	1
100	2681	ALV 184	15	10	66	1700	4	OCEANOGRAPHER CANYON	15	1	02	40 14.9	68 06.1	1460	4
100	2682	ALV 184	15	10	66	1800	4	OCEANOGRAPHER CANYON	15	1	02	40 14.9	68 06.3	1310	4
100	2683	ALV 166	23	08	66	1215	5	TONGUE OF THE OCEAN			01	24 59.6	77 37.4	1676	4
100	2684	ALV 166	23	08	66	1340	5	TONGUE OF THE OCEAN			01	24 59.9	77 38.1	1615	4
100	2685	ALV 166	23	08	66	1340	5	TONGUE OF THE OCEAN			01	24 59.9	77 38.1	1615	4
100	2686	ALV 167	24	08	66	1300	5	TONGUE OF THE OCEAN			01	24 57.1	77 36.2	975	4
100	2687	ALV 167	24	08	66	1345	5	TONGUE OF THE OCEAN			01	24 57.2	77 36.0	914	4
100	2688	ALV 167	24	08	66	1345	5	TONGUE OF THE OCEAN			01	24 57.2	77 36.0	914	4
100	2689		15	01	67			VEATCH CANYON	24	1	03	40 00.0	69 30.0	330	
100	2690 A	ALV 205	17	07	67		4	SHELF OFF NORFOLK VA	34	2	02	37 04.2	74 52.5	53	4
100	2690 B	ALV 205	17	07	67		4	SHELF OFF NORFOLK VA	34	2	02	37 04.2	74 52.5	53	4
100	2691	ALV 206	18	07	67		4	SHELF OFF NORFOLK VA	34	2	02	37 12.3	74 48.2	51	4
100	2692	ALV 206	18	07	67		4	SHELF OFF NORFOLK VA	34	2	02	37 12.4	74 48.8	43	4
100	2693	ALV 207	04	08	67	1413	4	OCEANOGRAPHER CANYON	15	1	02	40 14.8	68 06.2	1230	4
100	2694	ALV 208	06	08	67	1022	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 06.8	1292	4
100	2695	ALV 208	06	08	67	1255	4	OCEANOGRAPHER CANYON	15	1	02	40 15.3	68 07.4	1046	4
100	2696	ALV 208	06	08	67	1315	4	OCEANOGRAPHER CANYON	15	1	02	40 15.3	68 07.4	1039	4
100	2697	ALV 208	06	08	67	1330	4	OCEANOGRAPHER CANYON	15	1	02	40 15.3	68 07.7	940	4
100	2698	ALV 208	06	08	67	1400	4	OCEANOGRAPHER CANYON	15	1	02	40 15.3	68 07.7	886	4
100	2699	ALV 208	06	08	67	1430	4	OCEANOGRAPHER CANYON	15	1	02	40 15.2	68 08.0	685	4
100	2700	ALV 200	04	07	67	1635	4	BLAKE PLATEAU	47	3	02	31 18.0	78 53.0	542	4
100	2701	ALV 201	05	07	67	1416	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	542	4
100	2702	ALV 201	05	07	67	1608	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	556	4
100	2703	ALV 201	05	07	67	1610	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	556	4
100	2704	ALV 201	05	07	67	1644	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	555	4
100	2705	ALV 201	05	07	67	1647	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	556	4
100	2706 A	ALV 201	05	07	67	1705	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	556	4
100	2706 B	ALV 201	05	07	67	1705	4	BLAKE PLATEAU	46	3	02	31 48.0	79 12.0	556	4
100	2707	ALV 203	07	07	67	1530	4	BLAKE PLATEAU	46	3	02	31 48.0	79 15.0	505	4
100	2708	ALV 203	07	07	67	1611	4	BLAKE PLATEAU	46	3	02	31 48.0	79 15.0	546	4
100	2709 A	ALV 234	13	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2709 B	ALV 234	13	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2710	ALV 234	13	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2711	ALV 235	14	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2712	ALV 236	15	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2713	ALV 236	15	10	67		4	SLOPE S OF MAR VINEYD	24	1	02	39 47.3	70 32.7	1400	4
100	2714	GOS 63	28	02	65	1600	5	SLOPE S OF NEW ENG	29	1	02	39 23.0	70 03.0	2570	1
100	2715	CB4	01	04	68		5	ESE OF CAPE MAY	27	2	02	38 47.5	73 02.6	320	1
100	2716	CHN 81	30	04	68	1202	5	MYTILUS SEAMOUNT	30	1	02	39 22.5	67 14.5	2330	1
100	2717	GOS 118	20	05	68	1728	4	STELLWAGEN BANK	21	1	01	42 09.1	70 19.5	50	1
100	2718	GOS 118	20	05	68	2045	4	S OF WILDCAT KNOLL	13	1	02	42 15.8	70 02.0	162	1
100	2719	GOS 118	20	05	68	2220	4	WILDCAT KNOLL	13	1	01	42 21.2	70 02.6	160	1
100	2720	GOS 118	21	05	68	0807	4	NW STELLWAGEN BANK	13	1	02	42 28.0	70 17.8	130	1
100	2721 A	GOS 118	21	05	68	1303	4	S JEFFRIES LEDGE	13	1	01	42 51.2	70 21.95	115	1
100	2721 B	GOS 118	21	05	68	1303	4	S JEFFRIES LEDGE	13	1	01	42 51.2	70 21.95	115	1
100	2721 C	GOS 118	21	05	68	1303	4	S JEFFRIES LEDGE	13	1	01	42 51.2	70 21.95	115	1
100	2722	GOS 118	21	05	68	1400	4	NE SIDE,COVE,JEFF.LDG	13	1	01	42 50.05	70 23.05	120	1
100	2723	GOS 118	21	05	68	1530	4	SE FLK JEFFRIES LDG	13	1	01	42 45.9	70 14.1	100	1
100	2724	GOS 118	21	05	68	1905	4	N JEFFRIES LEDGE	13	1	01	43 00.3	70 03.9	105	1
100	2725	GOS 118	23	05	68	1205	4	N SIDE PLATTS BANK	10	1	01	43 13.7	69 39.0	125	1
100	2726	GOS 118	23	05	68	1400	4	PLATTS BANK	10	1	01	43 14.5	69 48.0	160	1
100	2727	GOS 118	23	05	68	1545	4	CENTRAL PLATTS BANK	10	1	01	43 09.0	69 38.1	75	1
100	2728	GOS 118	23	05	68	1712	4	SE SIDE PLATTS BANK	10	1	01	43 08.3	69 31.3	115	1
100	2729	GOS 118	23	05	68		4	NE PLATTS BANK	10	1	01	43 11.3	69 33.0	120	1
100	2730	GOS 118	24	05	68	0920	4	NW SIDE MID DORY RDG	10	1	02	43 10.6	69 24.1	155	1

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2731	GOS 118	24 05 68	1523	4	KNOLL S PLATTS BANK	13	1	02	43 02.7	69 36.0	133	1
100	2732	GOS 118	24 05 68	1641	4	S SIDE PLATTS BANK	13	1	02	43 06.1	69 37.6	100	1
100	2733	ALV 269	25 05 68	1025	4	PLATTS BANK	10	1	01	43 08.7	69 31.7	107	1
100	2734	ALV 269	25 05 68	1242	4	PLATTS BANK	10	1	01	43 09.2	69 31.8	66	1
100	2735	ALV 269	25 05 68	1355	4	PLATTS BANK	10	1	01	43 09.5	69 31.8	66	1
100	2736	ALV 269	25 05 68	1500	4	PLATTS BANK	10	1	01	43 09.8	69 31.7	70	1
100	2737	GOS 120	13 06 68	0910	4	SLOPE E LYDONIA CNYN	15	1	02	40 22.4	67 34.6	280	1
100	2738	GOS 120	13 06 68	0940	4	SLOPE E LYDONIA CNYN	15	1	02	40 25.3	67 34.2	175	1
100	2739	GOS 120	14 06 68	1054	4	SLOPE E LYDONIA CNYN	15	1	02	40 20.3	67 33.8	450	1
100	2740 A	GOS 120	14 06 68	1234	4	SLOPE E LYDONIA CNYN	15	1	02	40 21.8	67 34.1	500	1
100	2740 B	GOS 120	14 06 68	1234	4	SLOPE E LYDONIA CNYN	15	1	02	40 21.8	67 34.1	500	1
100	2741 A	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2741 B	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2741 C	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2741 D	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2741 E	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2741 F	GOS 120	14 06 68	1444	4	LYDONIA CANYON	15	1	02	40 24.7	67 39.5	650	1
100	2742	GOS 120	14 06 68	1700	4	LYDONIA CANYON	15	1	02	40 24.8	67 39.2	650	1
100	2743	ALV 274	16 06 68		4	LYDONIA CANYON	15	1	02	40 16.0	67 39.0	1640	1
100	2744	ALV 274	16 06 68		4	LYDONIA CANYON	15	1	02	40 16.0	67 39.0	1640	1
100	2745	ALV 274	16 06 68		4	LYDONIA CANYON	15	1	02	40 16.0	67 39.0	1640	1
100	2746	ALV 274	16 06 68		4	LYDONIA CANYON	15	1	02	40 16.0	67 39.0	1660	1
100	2747	ALV 275	17 06 68	1130	4	LYDONIA CANYON	15	1	02	40 24.8	67 39.3	450	4
100	2748	ALV 275	17 06 68	1140	4	LYDONIA CANYON	15	1	02	40 24.8	67 39.3	450	4
100	2749	ALV 275	17 06 68	1202	4	LYDONIA CANYON	15	1	02	40 24.8	67 39.3	445	4
100	2750	ALV 275	17 06 68	1220	4	LYDONIA CANYON	15	1	02	40 24.5	67 39.1	400	4
100	2751	ALV 275	17 06 68	1300	4	LYDONIA CANYON	15	1	02	40 24.4	67 38.8	380	4
100	2752	ALV 275	17 06 68	1330	4	LYDONIA CANYON	15	1	02	40 24.4	67 38.7	365	4
100	2753	ALV 275	17 06 68	1350	4	LYDONIA CANYON	15	1	02	40 24.4	67 38.7	365	4
100	2754	ALV 286	23 07 68		4	BEAR SEAMOUNT	30	1	02	39 55.0	67 24.0	1180	4
100	2755 A	ALV 287	24 07 68		4	BEAR SEAMOUNT	30	1	02	39 56.0	67 24.0	1180	4
100	2755 B	ALV 287	24 07 68		4	BEAR SEAMOUNT	30	1	02	39 56.0	67 24.0	1180	4
100	2756	ALV 287	24 07 68		4	BEAR SEAMOUNT	30	1	02	39 56.0	67 24.0	1200	4
100	2757	ALV 287	24 07 68		4	BEAR SEAMOUNT	30	1	02	39 55.0	67 27.0	1260	1
100	2758	CB4	06 11 68		4	E SIDE HUDSON CNYN	28	1	02	39 30.0	72 15.0	180	
100	2759	VER 31	18 06 69	0645	4	MASSACHUSETTS BAY	21	1	01	42 17.88	70 32.65	73	1
100	2760	VER 31	18 06 69	0718	4	MASSACHUSETTS BAY	21	1	01	42 17.80	70 28.58	84	1
100	2761	VER 31	18 06 69	0750	4	MASSACHUSETTS BAY	21	1	01	42 15.03	70 28.78	59	1
100	2762A	VER 31	18 06 69	0928	4	MASSACHUSETTS BAY	21	1	01	42 11.8	70 32.8	45	1
100	2762B	VER 31	18 06 69	0954	4	MASSACHUSETTS BAY	21	1	01	42 11.9	70 35.6	28	1
100	2763	VER 31	18 06 69	1041	4	MASSACHUSETTS BAY	21	1	01	42 11.9	70 40.9	18	1
100	2764	VER 31	18 06 69	1120	4	MASSACHUSETTS BAY	21	1	01	42 15.3	70 40.9	26	1
100	2765	VER 31	18 06 69	1210	4	MASSACHUSETTS BAY	21	1	01	42 15.7	70 37.0	36	1
100	2766	VER 31	18 06 69	1252	4	MASSACHUSETTS BAY	21	1	01	42 15.70	70 35.15	42	1
100	2767	VER 31	18 06 69	1414	4	MASSACHUSETTS BAY	21	1	01	42 17.85	70 36.60	26	1
100	2768	VER 31	18 06 69	1452	4	MASSACHUSETTS BAY	21	1	01	42 17.9	70 40.6	41	1
100	2769	VER 31	18 06 69	1536	4	MASSACHUSETTS BAY	21	1	01	42 20.8	70 40.9	53	1
100	2770	VER 31	18 06 69	1743	4	MASSACHUSETTS BAY	21	1	01	42 20.9	70 36.9	73	1
100	2771A	VER 31	18 06 69	2250	4	MASSACHUSETTS BAY	21	1	01	42 14.9	70 32.6	65	1
100	2771B	VER 31	18 06 69	1823	4	MASSACHUSETTS BAY	21	1	03	42 20.7	70 32.2	84	1
100	2772	VER 31	18 06 69	0412	4	MASSACHUSETTS BAY	21	1	01	42 14.9	70 32.6	65	1
100	2773	CB4	10 01 69			1ST CYN S.HUDSON CYN.	28	1	02	39 06.	72 36.	600	3
100	2774	CB4	10 01 69			1ST CYN S.HUDSON CYN.	28	1	02	39 06.	72 36.		
100	2775	AT2 52	23 09 69	2100		NORFOLK CANYON	39	2	02	37 01.5	74 29.3	1400	3
100	2801	AB4 12	12 08 68	1300	4	NANTUCKET SOUND	19	1	02	41 28.	70 28.	16	1
100	2802	AB4 12	12 08 68	1500	4	NANTUCKET SOUND	19	1	02	41 28.	70 20.	13	1
100	2803	AB4 12	12 08 68	1600	4	NANTUCKET SOUND	19	1	02	41 30.	70 13.	15	1
100	2804	AB4 12	12 08 68	1700	4	NANTUCKET SOUND	19	1	02	41 29.	70 04.	15	1
100	2805	AB4 12	12 08 68	1900	4	NANTUCKET SHOALS	18	1	02	41 33.	69 53.	15	1
100	2806	AB4 12	12 08 68	2000	4	NANTUCKET SHOALS	18	1	02	41 33.	69 47.	27	1
100	2807	AB4 12	12 08 68	2100	4	NANTUCKET SHOALS	18	1	02	41 33.	69 40.	35	1
100	2808	AB4 12	12 08 68	2200	4	NANTUCKET SHOALS	18	1	02	41 29.	69 35.	35	1
100	2809	AB4 12	12 08 68	2300	4	SO. GULF OF MAINE	13	1	02	41 26.	69 30.	38	1
100	2810	AB4 12	12 08 68	2300	4	SO. GULF OF MAINE	13	1	02	41 24.	69 24.	44	1
100	2811	AB4 12	12 08 68	2400	4	SO. GULF OF MAINE	13	1	02	41 20.	69 22.	49	1
100	2812	AB4 12	13 08 68	0100	4	NANTUCKET SHOALS	18	1	02	41 15.	69 22.	58	1
100	2813	AB4 12	13 08 68	0100	4	NANTUCKET SHOALS	18	1	02	41 10.	69 22.	46	1
100	2814	AB4 12	13 08 68	0200	4	NANTUCKET SHOALS	18	1	02	41 05.	69 23.	42	1
100	2815	AB4 12	13 08 68	0300	4	NANTUCKET SHOALS	18	1	02	40 58.	69 24.	18	1
100	2816	AB4 12	13 08 68	0500	4	NANTUCKET SHOALS	18	1	02	40 58.	69 31.	38	1
100	2817	AB4 12	13 08 68	0600	4	NANTUCKET SHOALS	18	1	02	40 56.	69 38.	33	1
100	2818	AB4 12	13 08 68	0600	4	NANTUCKET SHOALS	18	1	02	40 54.	69 44.	37	1
100	2819	AB4 12	13 08 68	0700	4	NANTUCKET SHOALS	18	1	02	40 48.	69 44.	38	1
100	2820	AB4 12	13 08 68	0800	4	NANTUCKET SHOALS	18	1	02	40 44.	69 42.	46	1
100	2821	AB4 12	13 08 68	0900	4	NANTUCKET SHOALS	18	1	02	40 44.	69 37.	46	1
100	2822	AB4 12	13 08 68	1000	4	NANTUCKET SHOALS	18	1	02	40 44.	69 30.	46	1
100	2823	AB4 12	13 08 68	1000	4	NANTUCKET SHOALS	18	1	02	40 44.	69 23.	48	1
100	2824	AB4 12	13 08 68	1100	4	NANTUCKET SHOALS	18	1	02	40 49.	69 18.	55	1
100	2825	AB4 12	13 08 68	1200	4	GREAT SOUTH CHANNEL	17	1	02	40 47.	69 10.	62	1
100	2826	AB4 12	13 08 68	1300	4	GREAT SOUTH CHANNEL	17	1	02	40 48.	69 05.	70	1
100	2827	AB4 12	13 08 68	1400	4	GREAT SOUTH CHANNEL	17	1	02	40 47.	68 58.	73	1
100	2828	AB4 12	13 08 68	1400	4	GREAT SOUTH CHANNEL	17	1	02	40 52.	68 59.	79	1
100	2829	AB4 12	13 08 68	1500	4	GREAT SOUTH CHANNEL	17	1	02	40 58.	68 58.	80	1
100	2830	AB4 12	13 08 68	1600	4	GREAT SOUTH CHANNEL	17	1	02	41 02.	69 00.	80	1
100	2831	AB4 12	13 08 68	1700	4	GEORGES BANK	14	1	02	41 08.	68 58.	97	1
100	2832	AB4 12	13 08 68	1700	4	SO. GULF OF MAINE	13	1	02	41 13.	68 58.	102	1
100	2833	AB4 12	13 08 68	1800	4	SO. GULF OF MAINE	13	1	02	41 20.	69 00.	150	1
100	2834	AB4 12	13 08 68	1900	4	SO. GULF OF MAINE	13	1	02	41 24.	69 00.	150	1
100	2835	AB4 12	13 08 68	2000	4	SO. GULF OF MAINE	13	1	02	41 26.	69 00.	150	1
100	2836	AB4 12	13 08 68	2100	4	SO. GULF OF MAINE	13	1	02	41 30.	69 00.	146	1

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CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2837	AB4	13	08	68	2100	4	SE. GULF OF MAINE	13	1	02	41 35.	69 00.	130	1
100	2838	AB4	13	08	68	2200	4	SE. GULF OF MAINE	13	1	02	41 34.	68 52.	113	1
100	2839	AB4	13	08	68	2300	4	SE. GULF OF MAINE	13	1	02	41 34.	68 46.	150	1
100	2840	AB4	14	08	68	0100	4	SE. GULF OF MAINE	13	1	02	41 34.	68 40.	128	1
100	2841	AB4	14	08	68	0200	4	GEORGES BANK	14	1	02	41 34.	68 32.	106	1
100	2842	AB4	14	08	68	0300	4	GEORGES BANK	14	1	02	41 34.	68 26.	55	1
100	2843	AB4	14	08	68	0400	4	GEORGES BANK	14	1	02	41 40.	68 26.	55	1
100	2844	AB4	14	08	68	0400	4	GEORGES BANK	14	1	02	41 42.	68 20.	64	1
100	2845	AB4	14	08	68	0500	4	GEORGES BANK	14	1	02	41 44.	68 15.	55	1
100	2846	AB4	14	08	68	0600	4	GEORGES BANK	14	1	02	41 47.	68 09.	55	1
100	2847	AB4	14	08	68	0700	4	GEORGES BANK	14	1	02	41 50.	68 02.	51	1
100	2848	AB4	14	08	68	0700	4	GEORGES BANK	14	1	02	41 50.	67 56.	51	1
100	2849	AB4	14	08	68	0800	4	GEORGES BANK	14	1	02	41 54.	67 52.	55	1
100	2850	AB4	14	08	68	0800	4	GEORGES BANK	14	1	02	41 57.	67 47.	81	1
100	2851	AB4	14	08	68	1000	4	GEORGES BANK	14	1	02	42 00.	67 42.	44	1
100	2852	AB4	14	08	68	1000	4	GEORGES BANK	14	1	02	42 02.	67 35.	46	1
100	2853	AB4	14	08	68	1100	4	GEORGES BANK	14	1	02	42 04.	67 30.	48	1
100	2854	AB4	14	08	68	1100	4	GEORGES BANK	14	1	02	42 05.	67 22.	49	1
100	2855	AB4	14	08	68	1300	4	GEORGES BANK	14	1	02	42 06.	67 16.	51	1
100	2856	AB4	14	08	68	1300	4	GEORGES BANK	14	1	02	42 12.	67 15.	179	1
100	2857	AB4	14	08	68	1400	4	GEORGES BASIN	9	1	02	42 16.	67 17.	267	1
100	2858	AB4	14	08	68	1500	4	GEORGES BASIN	9	1	02	42 22.	67 16.	305	1
100	2859	AB4	14	08	68	1700	4	GEORGES BASIN	9	1	02	42 27.	67 14.	366	1
100	2860	AB4	14	08	68	1900	4	GEORGES BASIN	9	1	02	42 28.	67 07.	366	1
100	2861	AB4	14	08	68	2100	4	GEORGES BASIN	9	1	02	42 26.	67 02.	366	1
100	2862	AB4	14	08	68	2200	4	GEORGES BASIN	9	1	02	42 27.	66 56.	366	1
100	2863	AB4	14	08	68	2300	4	GEORGES BASIN	9	1	02	42 27.	66 49.	348	1
100	2864	AB4	15	08	68	0100	4	GEORGES BASIN	9	1	02	42 27.	66 42.	329	1
100	2865	AB4	15	08	68	0200	4	GEORGES BASIN	9	1	02	42 26.	66 35.	302	1
100	2866	AB4	15	08	68	0400	4	GEORGES BASIN	9	1	02	42 26.	66 28.	265	1
100	2867	AB4	15	08	68	0500	4	NORTHEAST CHANNEL	8	1	02	42 25.	66 21.	256	1
100	2868	AB4	15	08	68	0600	4	NORTHEAST CHANNEL	8	1	02	42 27.	66 14.	241	1
100	2869	AB4	15	08	68	0700	4	NORTHEAST CHANNEL	8	1	02	42 27.	66 08.	247	1
100	2870	AB4	15	08	68	0800	4	NORTHEAST CHANNEL	8	1	02	42 27.	66 00.	174	1
100	2871	AB4	15	08	68	1000	4	BROWNS BANK	6	1	02	42 27.	65 54.	174	1
100	2872	AB4	15	08	68	1000	4	NORTHEAST CHANNEL	8	1	02	42 22.	65 55.	192	1
100	2873	AB4	15	08	68	1100	4	NORTHEAST CHANNEL	8	1	02	42 17.	65 55.	238	1
100	2874	AB4	15	08	68	1200	4	NORTHEAST CHANNEL	8	1	02	42 11.	65 56.	229	1
100	2875	AB4	15	08	68	1300	4	NORTHEAST CHANNEL	8	1	02	42 07.	65 56.	220	1
100	2876	AB4	15	08	68	1400	4	GEORGES BANK	14	1	02	42 01.	65 56.	172	1
100	2877	AB4	15	08	68	1500	4	GEORGES BANK	14	1	02	41 58.	65 49.	183	1
100	2878	AB4	15	08	68	1600	4	NORTHEAST CHANNEL	8	1	02	41 54.	65 44.	366	1
100	2879	AB4	15	08	68	1700	4	NORTHEAST CHANNEL	8	1	02	41 54.	65 41.	549	1
100	2880	AB4	15	08	68	1900	4	NORTHEAST CHANNEL	8	1	02	41 57.	65 37.	1061	1
100	2881	AB4	15	08	68	2000	4	NORTHEAST CHANNEL	8	1	02	42 03.	65 32.	549	1
100	2882	AB4	15	08	68	2400	4	NORTHEAST CHANNEL	8	1	02	41 57.	65 30.	1280	1
100	2883	AB4	16	08	68	0100	4	SLOPE SE NOVA SCOTIA	7	1	02	42 01.	65 23.	1189	1
100	2884	AB4	16	08	68	0300	4	SLOPE SE NOVA SCOTIA	7	1	02	42 06.	65 24.	549	1
100	2885	AB4	16	08	68	0800	4	BROWNS BANK	6	1	02	42 12.	65 21.	278	1
100	2886	AB4	16	08	68	0800	4	BROWNS BANK	6	1	02	42 14.	65 24.	155	1
100	2887	AB4	16	08	68	0900	4	BROWNS BANK	6	1	02	42 18.	65 28.	113	1
100	2888	AB4	16	08	68	1100	4	BROWNS BANK	6	1	02	42 23.	65 32.	91	1
100	2889	AB4	16	08	68	1200	4	BROWNS BANK	6	1	02	42 27.	65 38.	91	1
100	2890	AB4	16	08	68	1300	4	BROWNS BANK	6	1	02	42 31.	65 41.	90	1
100	2891	AB4	16	08	68	1400	4	BROWNS BANK	6	1	02	42 33.	65 46.	88	1
100	2892	AB4	16	08	68	1500	4	BROWNS BANK	6	1	02	42 36.	65 52.	88	1
100	2893	AB4	16	08	68	1600	4	BROWNS BANK	6	1	02	42 40.	65 56.	84	1
100	2894	AB4	16	08	68	1700	4	BROWNS BANK	6	1	02	42 46.	66 01.	82	1
100	2895	AB4	16	08	68	1800	4	BROWNS BANK	6	1	02	42 48.	66 05.	55	1
100	2896	AB4	16	08	68	1800	4	BROWNS BANK	6	1	02	42 50.	66 10.	57	1
100	2897	AB4	16	08	68	1900	4	SE. NOVA SCOTIA	2	1	02	42 54.	66 16.	143	1
100	2898	AB4	16	08	68	2000	4	SE. NOVA SCOTIA	2	1	02	42 54.	66 08.	141	1
100	2899	AB4	16	08	68	2100	4	SE. NOVA SCOTIA	2	1	02	42 56.	66 03.	122	1
100	2900	AB4	16	08	68	2100	4	SE. NOVA SCOTIA	2	1	02	42 55.	65 55.	137	1
100	2901	AB4	16	08	68	2200	4	SE. NOVA SCOTIA	2	1	02	42 54.	65 48.	119	1
100	2902	AB4	16	08	68	2300	4	SE. NOVA SCOTIA	2	1	02	42 56.	65 41.	137	1
100	2903	AB4	16	08	68	2400	4	SCOTIAN SHELF	1	1	02	42 57.	65 35.	119	1
100	2904	AB4	17	08	68	0100	4	SCOTIAN SHELF	1	1	02	43 02.	65 34.	121	1
100	2905	AB4	17	08	68	0200	4	SCOTIAN SHELF	1	1	02	43 06.	65 34.	101	1
100	2906	AB4	17	08	68	0300	4	SCOTIAN SHELF	1	1	02	43 12.	65 33.	73	1
100	2907	AB4	17	08	68	0400	4	SCOTIAN SHELF	1	1	02	43 17.	65 35.	40	1
100	2908	AB4	17	08	68	0500	4	SCOTIAN SHELF	1	1	02	43 17.	65 40.	27	1
100	2909	AB4	17	08	68	0500	4	SE. NOVA SCOTIA	2	1	02	43 14.	65 45.	38	1
100	2910	AB4	17	08	68	0600	4	SE. NOVA SCOTIA	2	1	02	43 15.	65 54.	26	1
100	2911	AB4	17	08	68	0800	4	SE. NOVA SCOTIA	2	1	02	43 14.	66 00.	40	1
100	2912	AB4	17	08	68	0900	4	SE. NOVA SCOTIA	2	1	02	43 13.	66 08.	73	1
100	2913	AB4	17	08	68	1000	4	SE. NOVA SCOTIA	2	1	02	43 13.	66 15.	79	1
100	2914	AB4	17	08	68	1100	4	SE. NOVA SCOTIA	2	1	02	43 12.	66 21.	84	1
100	2915	AB4	17	08	68	1100	4	SE. NOVA SCOTIA	2	1	02	43 10.	66 29.	91	1
100	2916	AB4	17	08	68	1200	4	NE. GULF OF MAINE	5	1	02	43 08.	66 36.	95	1
100	2917	AB4	17	08	68	1300	4	NE. GULF OF MAINE	5	1	02	43 07.	66 42.	128	1
100	2918	AB4	17	08	68	1400	4	NE. GULF OF MAINE	5	1	02	43 12.	66 38.	110	1
100	2919	AB4	17	08	68	1500	4	SE. NOVA SCOTIA	2	1	02	43 15.	66 34.	71	1
100	2920	AB4	17	08	68	1600	4	SE. NOVA SCOTIA	2	1	02	43 18.	66 29.	57	1
100	2921	AB4	17	08	68	1600	4	SE. NOVA SCOTIA	2	1	02	43 21.	66 22.	60	1
100	2922	AB4	17	08	68	1700	4	SE. NOVA SCOTIA	2	1	02	43 25.	66 16.	82	1
100	2923	AB4	17	08	68	1800	4	SE. NOVA SCOTIA	2	1	02	43 27.	66 12.	55	1
100	2924	AB4	17	08	68	1800	4	SE. NOVA SCOTIA	2	1	02	43 30.	66 16.	80	1
100	2925	AB4	17	08	68	1900	4	SE. NOVA SCOTIA	2	1	02	43 34.	66 20.	73	1
100	2926	AB4	17	08	68	2000	4	SE. NOVA SCOTIA	2	1	02	43 39.	66 25.	91	1

MC306 5002

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	2927	AB4 12	17 08 68	2100	4	SO. NOVA SCOTIA	2	1	02	43 42.	66 29.	95	1
100	2928	AB4 12	17 08 68	2200	4	SO. NOVA SCOTIA	2	1	02	43 46.	66 34.	93	1
100	2929	AB4 12	17 08 68	2200	4	SO. NOVA SCOTIA	2	1	02	43 50.	66 38.	91	1
100	2930	AB4 12	17 08 68	2300	4	NO. GULF OF MAINE	5	1	02	43 52.	66 42.	102	1
100	2931	AB4 12	18 08 68	0100	4	SO. NOVA SCOTIA	2	1	02	43 56.	66 36.	91	1
100	2932	AB4 12	18 08 68	0100	4	SO. NOVA SCOTIA	2	1	02	43 58.	66 31.	84	1
100	2933	AB4 12	18 08 68	0200	4	SO. NOVA SCOTIA	2	1	02	44 01.	66 26.	70	1
100	2934	AB4 12	18 08 68	0200	4	SO. NOVA SCOTIA	2	1	02	44 05.	66 21.	51	1
100	2935	AB4 12	18 08 68	0300	4	SO. NOVA SCOTIA	2	1	02	44 06.	66 26.	73	1
100	2936	AB4 12	18 08 68	0400	4	SO. NOVA SCOTIA	2	1	02	44 09.	66 30.	106	1
100	2937	AB4 12	18 08 68	0400	4	NO. GULF OF MAINE	5	1	02	44 12.	66 36.	91	1
100	2938	AB4 12	18 08 68	0500	4	NO. GULF OF MAINE	5	1	02	44 16.	66 34.	137	1
100	2939	AB4 12	18 08 68	0600	4	NO. GULF OF MAINE	5	1	02	44 16.	66 28.	201	1
100	2940	AB4 12	18 08 68	0800	4	BAY OF FUNDY	3	1	02	44 22.	66 22.	165	1
100	2941	AB4 12	18 08 68	0900	4	BAY OF FUNDY	3	1	02	44 26.	66 19.	174	1
100	2942	AB4 12	18 08 68	0900	4	BAY OF FUNDY	3	1	02	44 25.	66 25.	188	1
100	2943	AB4 12	18 08 68	1000	4	BAY OF FUNDY	3	1	02	44 26.	66 32.	201	1
100	2944	AB4 12	18 08 68	1100	4	BAY OF FUNDY	3	1	02	44 25.	66 40.	128	1
100	2945	AB4 12	18 08 68	1200	4	NO. GULF OF MAINE	5	1	02	44 25.	66 47.	117	1
100	2946	AB4 12	18 08 68	1400	4	NO. GULF OF MAINE	5	1	02	44 25.	66 54.	99	1
100	2947	AB4 12	18 08 68	1400	4	NO. GULF OF MAINE	5	1	02	44 25.	67 00.	95	1
100	2948	AB4 12	18 08 68	1500	4	NO. GULF OF MAINE	5	1	02	44 25.	67 07.	91	1
100	2949	AB4 12	18 08 68	1600	4	NO. GULF OF MAINE	5	1	02	44 24.	67 14.	90	1
100	2950	AB4 12	18 08 68	1600	4	NO. GULF OF MAINE	5	1	02	44 26.	67 20.	73	1
100	2951	AB4 12	18 08 68	1700	4	NO. GULF OF MAINE	5	1	02	44 26.	67 28.	73	1
100	2952	AB4 12	18 08 68	1800	4	NO. MAINE COAST	4	1	02	44 25.	67 34.	64	1
100	2953	AB4 12	18 08 68	1900	4	NO. MAINE COAST	4	1	02	44 25.	67 40.	46	1
100	2954	AB4 12	18 08 68	1900	4	NO. GULF OF MAINE	5	1	02	44 20.	67 40.	73	1
100	2955	AB4 12	18 08 68	2000	4	NO. GULF OF MAINE	5	1	02	44 16.	67 38.	91	1
100	2956	AB4 12	18 08 68	2100	4	NO. GULF OF MAINE	5	1	02	44 16.	67 44.	110	1
100	2957	AB4 12	18 08 68	2200	4	NO. GULF OF MAINE	5	1	02	44 12.	67 45.	128	1
100	2958	AB4 12	18 08 68	2300	4	NO. GULF OF MAINE	5	1	02	44 11.	67 53.	70	1
100	2959	AB4 12	19 08 68	0100	4	NO. GULF OF MAINE	5	1	02	44 17.	67 52.	66	1
100	2960	AB4 12	19 08 68	0100	4	NO. MAINE COAST	4	1	02	44 18.	67 58.	49	1
100	2961	AB4 12	19 08 68	0200	4	NO. MAINE COAST	4	1	02	44 18.	68 04.	46	1
100	2962	AB4 12	19 08 68	0200	4	NO. GULF OF MAINE	5	1	02	44 13.	68 04.	55	1
100	2963	AB4 12	19 08 68	0300	4	NO. GULF OF MAINE	5	1	02	44 13.	67 58.	62	1
100	2964	AB4 12	19 08 68	0300	4	NO. GULF OF MAINE	5	1	02	44 09.	67 57.	80	1
100	2965	AB4 12	19 08 68	0400	4	NO. GULF OF MAINE	5	1	02	44 09.	68 04.	91	1
100	2966	AB4 12	19 08 68	0500	4	NO. GULF OF MAINE	5	1	02	44 04.	68 03.	101	1
100	2967	AB4 12	19 08 68	0600	4	NO. GULF OF MAINE	5	1	02	44 00.	68 02.	128	1
100	2968	AB4 12	19 08 68	0700	4	NO. GULF OF MAINE	5	1	02	44 00.	68 08.	73	1
100	2969	AB4 12	19 08 68	0800	4	NO. GULF OF MAINE	5	1	02	44 00.	68 16.	101	1
100	2970	AB4 12	19 08 68	0900	4	NO. GULF OF MAINE	5	1	02	44 00.	68 22.	101	1
100	2971	AB4 12	19 08 68	0900	4	NO. GULF OF MAINE	5	1	02	44 00.	68 29.	88	1
100	2972	AB4 12	19 08 68	1000	4	NO. GULF OF MAINE	5	1	02	43 56.	68 34.	88	1
100	2973	AB4 12	19 08 68	1000	4	CENT. GULF OF MAINE	10	1	02	43 52.	68 38.	91	1
100	2974	AB4 12	19 08 68	1300	4	CENT. GULF OF MAINE	10	1	02	43 49.	68 43.	95	1
100	2975	AB4 12	19 08 68	1500	4	CENT. GULF OF MAINE	10	1	02	43 45.	68 47.	102	1
100	2976	AB4 12	19 08 68	1600	4	CENT. GULF OF MAINE	10	1	02	43 41.	68 50.	119	1
100	2977	AB4 12	19 08 68	1700	4	CENT. GULF OF MAINE	10	1	02	43 44.	68 56.	60	1
100	2978	AB4 12	19 08 68	1700	4	CENT. GULF OF MAINE	10	1	02	43 47.	69 00.	46	1
100	2979	AB4 12	19 08 68	1900	4	CENT. GULF OF MAINE	10	1	02	43 50.	69 04.	68	1
100	2980	AB4 12	19 08 68	2000	4	CENT. GULF OF MAINE	10	1	02	43 48.	69 08.	79	1
100	2981	AB4 12	19 08 68	2000	4	CENT. GULF OF MAINE	10	1	02	43 48.	69 14.	77	1
100	2982	AB4 12	19 08 68	2000	4	CENT. GULF OF MAINE	10	1	02	43 48.	69 20.	60	1
100	2983	AB4 12	19 08 68	2100	4	CENT. GULF OF MAINE	10	1	02	43 45.	69 26.	64	1
100	2984	AB4 12	19 08 68	2200	4	CENT. GULF OF MAINE	10	1	02	43 42.	69 30.	137	1
100	2985	AB4 12	19 08 68	2300	4	CENT. GULF OF MAINE	10	1	02	43 40.	69 35.	82	1
100	2986	AB4 12	19 08 68	2300	4	CENT. GULF OF MAINE	10	1	02	43 40.	69 42.	64	1
100	2987	AB4 12	19 08 68	2400	4	CENT. MAINE COAST	11	1	02	43 39.	69 48.	46	1
100	2988	AB4 12	20 08 68	0100	4	CENT. MAINE COAST	11	1	02	43 39.	69 55.	29	1
100	2989	AB4 12	20 08 68	0100	4	CENT. GULF OF MAINE	10	1	02	43 36.	69 51.	70	1
100	2990	AB4 12	20 08 68	0100	4	CENT. GULF OF MAINE	10	1	02	43 32.	69 46.	106	1
100	2991	AB4 12	20 08 68	0200	4	CENT. GULF OF MAINE	10	1	02	43 28.	69 42.	102	1
100	2992	AB4 12	20 08 68	0300	4	CENT. GULF OF MAINE	10	1	02	43 28.	69 48.	132	1
100	2993	AB4 12	20 08 68	0400	4	CENT. GULF OF MAINE	10	1	02	43 28.	69 55.	119	1
100	2994	AB4 12	20 08 68	0500	4	CENT. GULF OF MAINE	10	1	02	43 30.	70 03.	101	1
100	2995	AB4 12	20 08 68	0500	4	CENT. GULF OF MAINE	10	1	02	43 30.	70 08.	27	1
100	2996	AB4 12	20 08 68	0600	4	NO. MASS AND N. HAMP	12	1	02	43 31.	70 14.	46	1
100	2997	AB4 12	20 08 68	0700	4	SO. GULF OF MAINE	13	1	02	43 26.	70 12.	73	1
100	2998	AB4 12	20 08 68	0700	4	SO. GULF OF MAINE	13	1	02	43 22.	70 18.	37	1
100	2999	AB4 12	20 08 68	0800	4	SO. GULF OF MAINE	13	1	02	43 17.	70 24.	46	1
100	3000	AB4 12	20 08 68	0900	4	SO. GULF OF MAINE	13	1	02	43 10.	70 25.	64	1
100	3001	AB4 12	20 08 68	1000	4	SO. GULF OF MAINE	13	1	02	43 15.	70 17.	73	1
100	3002	AB4 12	20 08 68	1100	4	SO. GULF OF MAINE	13	1	02	43 21.	70 08.	137	1
100	3003	AB4 12	20 08 68	1200	4	SO. GULF OF MAINE	13	1	02	43 16.	70 04.	137	1
100	3004	AB4 12	20 08 68	1300	4	SO. GULF OF MAINE	13	1	02	43 11.	70 01.	73	1
100	3005	AB4 12	20 08 68	1400	4	SO. GULF OF MAINE	13	1	02	43 08.	70 08.	113	1
100	3006	AB4 12	20 08 68	1500	4	SO. GULF OF MAINE	13	1	02	43 06.	70 14.	146	1
100	3007	AB4 12	20 08 68	1600	4	SO. GULF OF MAINE	13	1	02	43 04.	70 20.	82	1
100	3008	AB4 12	20 08 68	1700	4	SO. GULF OF MAINE	13	1	02	43 02.	70 24.	91	1
100	3009	AB4 12	20 08 68	1800	4	SO. GULF OF MAINE	13	1	02	42 58.	70 31.	82	1
100	3010	AB4 12	20 08 68	1900	4	SO. GULF OF MAINE	13	1	02	42 55.	70 39.	46	1
100	3011	AB4 12	20 08 68	2000	4	SO. GULF OF MAINE	13	1	02	42 52.	70 34.	91	1
100	3012	AB4 12	20 08 68	2100	4	SO. GULF OF MAINE	13	1	02	42 50.	70 28.	110	1
100	3013	AB4 12	20 08 68	2200	4	SO. GULF OF MAINE	13	1	02	42 46.	70 22.	88	1
100	3014	AB4 12	20 08 68	2300	4	SO. GULF OF MAINE	13	1	02	42 54.	70 15.	64	1
100	3015	AB4 12	20 08 68	2400	4	SO. GULF OF MAINE	13	1	02	42 54.	70 07.	58	1
100	3016	AB4 12	21 08 68	0100	4	SO. GULF OF MAINE	13	1	02	42 54.	69 57.	201	1

MC306 5902

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3017	AB4 12	21 08 68	0200	4	SO. GULF OF MAINE	13	1	02	42 56.	69 52.	249	1
100	3018	AB4 12	21 08 68	0300	4	SO. GULF OF MAINE	13	1	02	42 50.	69 48.	256	1
100	3019	AB4 12	21 08 68	0500	4	SO. GULF OF MAINE	13	1	02	42 45.	69 50.	238	1
100	3020	AB4 12	21 08 68	0700	4	SO. GULF OF MAINE	13	1	02	42 40.	69 51.	256	1
100	3021	AB4 12	21 08 68	0800	4	SO. GULF OF MAINE	13	1	02	42 40.	69 58.	183	1
100	3022	AB4 12	21 08 68	0900	4	SO. GULF OF MAINE	13	1	02	42 40.	70 08.	95	1
100	3023	AB4 12	21 08 68	1000	4	SO. GULF OF MAINE	13	1	02	42 40.	70 16.	48	1
100	3024	AB4 12	21 08 68	1000	4	SO. GULF OF MAINE	13	1	02	42 40.	70 24.	60	1
100	3025	AB4 12	21 08 68	1100	4	SO. GULF OF MAINE	13	1	02	42 38.	70 28.	91	1
100	3026	AB4 12	21 08 68	1100	4	SO. GULF OF MAINE	13	1	02	42 34.	70 32.	64	1
100	3027	AB4 12	21 08 68	1200	4	MASSACHUSETTS BAY	21	1	02	42 30.	70 38.	62	1
100	3028	AB4 12	21 08 68	1300	4	MASSACHUSETTS BAY	21	1	02	42 26.	70 42.	55	1
100	3029	AB4 12	21 08 68	1400	4	MASSACHUSETTS BAY	21	1	02	42 23.	70 38.	73	1
100	3030	AB4 12	21 08 68	1500	4	MASSACHUSETTS BAY	21	1	02	42 22.	70 32.	86	1
100	3031	AB4 12	21 08 68	1600	4	MASSACHUSETTS BAY	21	1	02	42 21.	70 26.	80	1
100	3032	AB4 12	21 08 68	1600	4	SO. GULF OF MAINE	13	1	02	42 20.	70 17.	27	1
100	3033	AB4 12	21 08 68	1700	4	MASSACHUSETTS BAY	21	1	02	42 16.	70 22.	84	1
100	3034	AB4 12	21 08 68	1800	4	MASSACHUSETTS BAY	21	1	02	42 12.	70 26.	64	1
100	3035	AB4 12	21 08 68	1900	4	MASSACHUSETTS BAY	21	1	02	42 08.	70 31.	37	1
100	3036	AB4 12	21 08 68	2100	4	MASSACHUSETTS BAY	21	1	02	42 09.	70 22.	64	1
100	3037	AB4 12	21 08 68	2100	4	MASSACHUSETTS BAY	21	1	02	42 05.	70 21.	64	1
100	3038	AB4 12	21 08 68	2200	4	MASSACHUSETTS BAY	21	1	02	42 03.	70 29.	53	1
100	3039	AB4 12	21 08 68	2400	4	CAPE COD BAY	20	1	02	41 58.	70 27.	49	1
100	3040	AB4 12	22 08 68	0100	4	CAPE COD BAY	20	1	02	41 58.	70 19.	46	1
100	3041	AB4 12	22 08 68	0100	4	CAPE COD BAY	20	1	02	41 52.	70 17.	29	1
100	3042	AB4 12	22 08 68	0200	4	CAPE COD BAY	20	1	02	41 54.	70 24.	31	1
100	3043	AB4 12	22 08 68	0300	4	CAPE COD BAY	20	1	02	41 50.	70 24.	22	1
100	3044	AB4 18	10 12 68	1400	5	S OF MAR VINEYARD	23	1	02	40 40.9	71 24.5	59	1
100	3045	AB4 18	10 12 68	1530	5	S OF MAR VINEYARD	23	1	02	40 36.0	71 22.2	62	1
100	3046	AB4 18	10 12 68	1700	5	S OF MAR VINEYARD	23	1	02	40 29.0	71 20.0	68	1
100	3047	AB4 18	10 12 68	1730	5	S OF MAR VINEYARD	23	1	02	40 24.7	71 17.8	73	1
100	3048	AB4 18	10 12 68	1800	5	S OF MAR VINEYARD	23	1	02	40 21.8	71 16.3	77	1
100	3049	AB4 18	10 12 68	1900	5	S OF MAR VINEYARD	23	1	02	40 21.8	71 16.3	77	1
100	3050	AB4 18	11 12 68	0252	5	S OF MAR VINEYARD	23	1	02	40 21.5	71 20.5	79	1
100	3051	AB4 18	11 12 68	0420	5	S OF MAR VINEYARD	23	1	02	40 18.0	71 19.5	84	1
100	3052	AB4 18	11 12 68	0525	5	S OF MAR VINEYARD	23	1	02	40 14.5	71 17.5	88	1
100	3053	AB4 18	11 12 68	0634	5	S OF MAR VINEYARD	23	1	02	40 11.0	71 15.0	101	1
100	3054	AB4 18	11 12 68	0807	5	S OF MAR VINEYARD	23	1	02	40 07.3	71 13.0	146	1
100	3055	AB4 18	11 12 68	0905	5	S OF MAR VINEYARD	23	1	02	40 01.0	71 09.0		1
100	3056	AB4 18	11 12 68	0948	5	S OF MAR VINEYARD	24	1	02	39 55.3	71 05.5	549	1
100	3057	AB4 18	11 12 68	1133	5	S OF MAR VINEYARD	24	1	02	39 54.8	70 48.0	545	1
100	3058 A	AB4 18	11 12 68	1228	5	S OF MAR VINEYARD	24	1	02	39 56.5	70 50.0	589	1
100	3058 B	AB4 18	11 12 68	1228	5	S OF MAR VINEYARD	24	1	02	39 56.5	70 50.0	589	1
100	3059 A	AB4 18	11 12 68	1437	5	S OF MAR VINEYARD	24	1	02	39 59.5	70 51.0	256	1
100	3059 B	AB4 18	11 12 68	1437	5	S OF MAR VINEYARD	24	1	02	39 59.5	70 51.0	256	1
100	3060	AB4 18	11 12 68	1535	5	S OF MAR VINEYARD	24	1	02	40 03.3	70 50.5	161	1
100	3061 A	AB4 18	11 12 68	1652	5	S OF MAR VINEYARD	23	1	02	40 07.5	70 54.0	137	1
100	3061 B	AB4 18	11 12 68	1652	5	S OF MAR VINEYARD	23	1	02	40 07.5	70 54.0	137	1
100	3062 A	AB4 18	11 12 68	1735	5	S OF MAR VINEYARD	23	1	02	40 11.0	70 55.8	128	1
100	3062 B	AB4 18	11 12 68	1735	5	S OF MAR VINEYARD	23	1	02	40 11.0	70 55.8	128	1
100	3063 A	AB4 18	11 12 68	1827	5	S OF MAR VINEYARD	23	1	02	40 14.8	70 57.0	113	1
100	3063 B	AB4 18	11 12 68	1827	5	S OF MAR VINEYARD	23	1	02	40 14.8	70 57.0	113	1
100	3064 A	AB4 18	11 12 68	1922	5	S OF MAR VINEYARD	23	1	02	40 18.5	70 59.3	97	1
100	3064 B	AB4 18	11 12 68	1922	5	S OF MAR VINEYARD	23	1	02	40 18.5	70 59.3	97	1
100	3065 A	AB4 18	11 12 68	2013	5	S OF MAR VINEYARD	23	1	02	40 23.0	71 01.0	84	1
100	3065 B	AB4 18	11 12 68	2013	5	S OF MAR VINEYARD	23	1	02	40 23.0	71 01.0	84	1
100	3066 A	AB4 18	11 12 68	2100	5	S OF MAR VINEYARD	23	1	02	40 27.0	71 03.0	77	1
100	3066 B	AB4 18	11 12 68	2100	5	S OF MAR VINEYARD	23	1	02	40 27.0	71 03.0	77	1
100	3067 A	AB4 18	11 12 68	2148	5	S OF MAR VINEYARD	23	1	02	40 31.0	71 04.5	73	1
100	3067 B	AB4 18	11 12 68	2148	5	S OF MAR VINEYARD	23	1	02	40 31.0	71 04.5	73	1
100	3068 A	AB4 18	11 12 68	2240	5	S OF MAR VINEYARD	23	1	02	40 34.0	71 07.8	66	1
100	3068 B	AB4 18	11 12 68	2240	5	S OF MAR VINEYARD	23	1	02	40 34.0	71 07.8	66	1
100	3068 C	AB4 18	11 12 68	2240	5	S OF MAR VINEYARD	23	1	02	40 34.0	71 07.8	66	1
100	3069	AB4 18	12 12 68	0004	5	S OF MAR VINEYARD	23	1	02	40 39.0	71 11.8	60	1
100	3070 A	AB4 18	12 12 68	0058	5	S OF MAR VINEYARD	23	1	02	40 42.0	71 14.7	59	1
100	3070 B	AB4 18	12 12 68	0058	5	S OF MAR VINEYARD	23	1	02	40 42.0	71 14.7	59	1
100	3071 A	AB4 18	12 12 68	0256	5	S OF MAR VINEYARD	23	1	02	40 42.0	70 58.0	59	1
100	3071 B	AB4 18	12 12 68	0256	5	S OF MAR VINEYARD	23	1	02	40 42.0	70 58.0	59	1
100	3072 A	AB4 18	12 12 68	0350	5	S OF MAR VINEYARD	23	1	02	40 37.8	70 55.8	64	1
100	3072 B	AB4 18	12 12 68	0350	5	S OF MAR VINEYARD	23	1	02	40 37.8	70 55.8	64	1
100	3073 A	AB4 18	12 12 68	0451	5	S OF MAR VINEYARD	23	1	02	40 34.3	70 53.0	66	1
100	3073 B	AB4 18	12 12 68	0451	5	S OF MAR VINEYARD	23	1	02	40 34.3	70 53.0	66	1
100	3074 A	AB4 18	12 12 68	0537	5	S OF MAR VINEYARD	23	1	02	40 30.8	70 50.5	68	1
100	3074 B	AB4 18	12 12 68	0537	5	S OF MAR VINEYARD	23	1	02	40 30.8	70 50.5	68	1
100	3075 A	AB4 18	12 12 68	0627	5	S OF MAR VINEYARD	23	1	02	40 28.0	70 48.5	71	1
100	3075 B	AB4 18	12 12 68	0627	5	S OF MAR VINEYARD	23	1	02	40 28.0	70 48.5	71	1
100	3076 A	AB4 18	12 12 68	0718	5	S OF MAR VINEYARD	23	1	02	40 25.3	70 47.0	79	1
100	3076 B	AB4 18	12 12 68	0718	5	S OF MAR VINEYARD	23	1	02	40 25.3	70 47.0	79	1
100	3076 C	AB4 18	12 12 68	0718	5	S OF MAR VINEYARD	23	1	02	40 25.3	70 47.0	79	1
100	3077 A	AB4 18	12 12 68	0845	5	S OF MAR VINEYARD	23	1	02	40 23.5	70 45.8	88	1
100	3077 B	AB4 18	12 12 68	0845	5	S OF MAR VINEYARD	23	1	02	40 23.5	70 45.8	88	1
100	3078 A	AB4 18	12 12 68	0936	5	S OF MAR VINEYARD	23	1	02	40 20.5	70 43.5	97	1
100	3078 B	AB4 18	12 12 68	0936	5	S OF MAR VINEYARD	23	1	02	40 20.5	70 43.5	97	1
100	3079 A	AB4 18	12 12 68	1024	5	S OF MAR VINEYARD	23	1	02	40 18.5	70 42.2	108	1
100	3079 B	AB4 18	12 12 68	1024	5	S OF MAR VINEYARD	23	1	02	40 18.5	70 42.2	108	1
100	3080 A	AB4 18	12 12 68	1124	5	S OF MAR VINEYARD	23	1	02	40 14.0	70 39.5	117	1
100	3080 B	AB4 18	12 12 68	1124	5	S OF MAR VINEYARD	23	1	02	40 14.0	70 39.5	117	1
100	3080 C	AB4 18	12 12 68	1124	5	S OF MAR VINEYARD	23	1	02	40 14.0	70 39.5	117	1
100	3081 A	AB4 18	12 12 68	1243	5	S OF MAR VINEYARD	23	1	02	40 10.5	70 37.0	117	1
100	3081 B	AB4 18	12 12 68	1243	5	S OF MAR VINEYARD	23	1	02	40 10.5	70 37.0	117	1

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3082 A	AB4 18	12 12 68	1328	5	S OF MAR VINEYARD	23	1	02	40 08.0	70 34.0	117	1
100	3082 B	AB4 18	12 12 68	1328	5	S OF MAR VINEYARD	23	1	02	40 08.0	70 34.0	117	1
100	3083 A	AB4 18	12 12 68	1411	5	S OF MAR VINEYARD	23	1	02	40 04.8	70 33.5	128	1
100	3083 B	AB4 18	12 12 68	1411	5	S OF MAR VINEYARD	23	1	02	40 04.8	70 33.5	128	1
100	3084	AB4 18	12 12 68	1530	5	S OF MAR VINEYARD	24	1	02	40 00.8	70 31.0	519	1
100	3085 A	AB4 18	12 12 68	1843	5	S OF MAR VINEYARD	23	1	02	40 09.7	70 15.5	113	1
100	3085 B	AB4 18	12 12 68	1843	5	S OF MAR VINEYARD	23	1	02	40 09.7	70 15.5	113	1
100	3086 A	AB4 18	12 12 68	1942	5	S OF MAR VINEYARD	23	1	02	40 15.0	70 17.5	93	1
100	3086 B	AB4 18	12 12 68	1942	5	S OF MAR VINEYARD	23	1	02	40 15.0	70 17.5	93	1
100	3087 A	AB4 18	12 12 68	2032	5	S OF MAR VINEYARD	23	1	02	40 19.5	70 20.0	84	1
100	3087 B	AB4 18	12 12 68	2032	5	S OF MAR VINEYARD	23	1	02	40 19.5	70 20.0	84	1
100	3088 A	AB4 18	12 12 68	2126	5	S OF MAR VINEYARD	23	1	02	40 24.0	70 25.0	80	1
100	3088 B	AB4 18	12 12 68	2126	5	S OF MAR VINEYARD	23	1	02	40 24.0	70 25.0	80	1
100	3089 A	AB4 18	12 12 68	2234	5	S OF MAR VINEYARD	23	1	02	40 27.5	70 35.0	75	1
100	3089 B	AB4 18	12 12 68	2234	5	S OF MAR VINEYARD	23	1	02	40 27.5	70 35.0	75	1
100	3090 A	AB4 18	12 12 68	2332	5	S OF MAR VINEYARD	23	1	02	40 26.5	70 41.0	77	1
100	3090 B	AB4 18	12 12 68	2332	5	S OF MAR VINEYARD	23	1	02	40 26.5	70 41.0	77	1
100	3091 A	AB4 18	13 12 68	0050	5	S OF MAR VINEYARD	23	1	02	40 25.6	70 51.5	82	1
100	3091 B	AB4 18	13 12 68	0050	5	S OF MAR VINEYARD	23	1	02	40 25.6	70 51.5	82	1
100	3092 A	AB4 18	13 12 68	0134	5	S OF MAR VINEYARD	23	1	02	40 25.0	70 56.5	82	1
100	3092 B	AB4 18	13 12 68	0134	5	S OF MAR VINEYARD	23	1	02	40 25.0	70 56.5	82	1
100	3093 A	AB4 18	13 12 68	0237	5	S OF MAR VINEYARD	23	1	02	40 23.8	71 05.6	82	1
100	3093 B	AB4 18	13 12 68	0237	5	S OF MAR VINEYARD	23	1	02	40 23.8	71 05.6	82	1
100	3094 A	AB4 18	13 12 68	0326	5	S OF MAR VINEYARD	23	1	02	40 22.9	71 11.0	79	1
100	3094 B	AB4 18	13 12 68	0326	5	S OF MAR VINEYARD	23	1	02	40 22.9	71 11.0	79	1
100	3095 A	AB4 18	13 12 68	0451	5	S OF MAR VINEYARD	23	1	02	40 21.0	71 24.3	75	1
100	3095 B	AB4 18	13 12 68	0451	5	S OF MAR VINEYARD	23	1	02	40 21.0	71 24.3	75	1
100	3096 A	AB4 18	13 12 68	0535	5	S OF MAR VINEYARD	23	1	02	40 20.5	71 30.3	75	1
100	3096 B	AB4 18	13 12 68	0535	5	S OF MAR VINEYARD	23	1	02	40 20.5	71 30.3	75	1
100	3097 A	AB4 18	13 12 68	0623	5	S OF MAR VINEYARD	23	1	02	40 16.7	71 32.8	80	1
100	3097 B	AB4 18	13 12 68	0623	5	S OF MAR VINEYARD	23	1	02	40 16.7	71 32.8	80	1
100	3097 C	AB4 18	13 12 68	0623	5	S OF MAR VINEYARD	23	1	02	40 16.7	71 32.8	80	1
100	3098 A	AB4 18	13 12 68	0736	5	S OF MAR VINEYARD	23	1	02	40 12.5	71 34.8	82	1
100	3098 B	AB4 18	13 12 68	0736	5	S OF MAR VINEYARD	23	1	02	40 12.5	71 34.8	82	1
100	3099 A	AB4 18	13 12 68	0823	5	S OF MAR VINEYARD	23	1	02	40 08.5	71 37.5	79	1
100	3099 B	AB4 18	13 12 68	0823	5	S OF MAR VINEYARD	23	1	02	40 08.5	71 37.5	79	1
100	3100 A	AB4 18	13 12 68	0910	5	S OF MAR VINEYARD	23	1	02	40 04.7	71 40.0	88	1
100	3100 B	AB4 18	13 12 68	0910	5	S OF MAR VINEYARD	23	1	02	40 04.7	71 40.0	88	1
100	3100 C	AB4 18	13 12 68	0910	5	S OF MAR VINEYARD	23	1	02	40 04.7	71 40.0	88	1
100	3101 A	AB4 18	13 12 68	1025	5	S OF MAR VINEYARD	23	1	02	40 00.0	71 43.0	93	1
100	3101 B	AB4 18	13 12 68	1025	5	S OF MAR VINEYARD	23	1	02	40 00.0	71 43.0	93	1
100	3102 A	AB4 18	13 12 68	1117	5	S OF MAR VINEYARD	23	1	02	40 06.3	71 43.0	84	1
100	3102 B	AB4 18	13 12 68	1117	5	S OF MAR VINEYARD	23	1	02	40 06.3	71 43.0	84	1
100	3103 A	AB4 18	13 12 68	1203	5	S OF MAR VINEYARD	23	1	02	40 11.5	71 43.0	79	1
100	3103 B	AB4 18	13 12 68	1203	5	S OF MAR VINEYARD	23	1	02	40 11.5	71 43.0	79	1
100	3104 A	AB4 18	13 12 68	1246	5	S OF MAR VINEYARD	23	1	02	40 15.2	71 42.5	80	1
100	3104 B	AB4 18	13 12 68	1246	5	S OF MAR VINEYARD	23	1	02	40 15.2	71 42.5	80	1
100	3105 A	AB4 18	13 12 68	1332	5	S OF MAR VINEYARD	23	1	02	40 19.5	71 42.8	75	1
100	3105 B	AB4 18	13 12 68	1332	5	S OF MAR VINEYARD	23	1	02	40 19.5	71 42.8	75	1
100	3106	AB4 18	13 12 68	1418	5	S OF MAR VINEYARD	23	1	02	40 24.2	71 40.5	75	1
100	3107 A	AB4 18	13 12 68	1455	5	S OF MAR VINEYARD	23	1	02	40 28.0	71 38.8	73	1
100	3107 B	AB4 18	13 12 68	1455	5	S OF MAR VINEYARD	23	1	02	40 28.0	71 38.8	73	1
100	3108 A	AB4 18	13 12 68	1542	5	S OF MAR VINEYARD	23	1	02	40 33.2	71 36.3	69	1
100	3108 B	AB4 18	13 12 68	1542	5	S OF MAR VINEYARD	23	1	02	40 33.2	71 36.3	69	1
100	3109	AB4 18	13 12 69	1730	5	S OF MAR VINEYARD	23	1	02	40 27.0	71 25.0	68	1
100	3110	AB4 18	13 12 69	1900	5	S OF MAR VINEYARD	23	1	02	40 19.0	71 15.0	86	1
100	3111	AB4 18	13 12 69	1936	5	S OF MAR VINEYARD	23	1	02	40 23.5	71 17.0	79	1
100	3112 A	AB4 18	13 12 69	2003	5	S OF MAR VINEYARD	23	1	02	40 26.7	71 18.4	73	1
100	3112 B	AB4 18	13 12 69	2003	5	S OF MAR VINEYARD	23	1	02	40 26.7	71 18.4	73	1
100	3113	AB4 18	13 12 69	2041	5	S OF MAR VINEYARD	23	1	02	40 29.3	71 19.8	68	1
100	3114 A	AB4 18	13 12 69	2106	5	S OF MAR VINEYARD	23	1	02	40 32.2	71 20.3	82	1
100	3114 B	AB4 18	13 12 69	2106	5	S OF MAR VINEYARD	23	1	02	40 32.2	71 20.3	82	1
100	3115	AB4 18	13 12 69	2153	5	S OF MAR VINEYARD	23	1	02	40 39.0	71 20.3	57	1
100	3116	VER 41	22 07 69	0920	4	SE MASSACHUSETTS BAY	21	1	01	42 00.6	70 36.6	16	1
100	3117	VER 41	22 07 69	0950	4	SE MASSACHUSETTS BAY	21	1	01	42 06.75	70 38.0	18	1
100	3118	VER 41	22 07 69	1010	4	SE MASSACHUSETTS BAY	21	1	01	42 06.9	70 35.3	24	1
100	3119	VER 41	22 07 69	1030	4	SE MASSACHUSETTS BAY	21	1	01	42 07.	70 32.85	27	1
100	3120	VER 41	22 07 69	1050	4	SE MASSACHUSETTS BAY	21	1	02	42 07.1	70 30.5	40	1
100	3121	VER 41	22 07 69	1115	4	SE MASSACHUSETTS BAY	21	1	02	42 07.2	70 27.4	50	1
100	3122	VER 41	22 07 69		4	SE MASSACHUSETTS BAY	21	1	02	42 07.5	70 29.75	45	1
100	3123	VER 41	22 07 69	1220	4	SE MASSACHUSETTS BAY	21	1	01	42 02.	70 34.4	24	1
100	3124	VER 41	22 07 69	1250	4	SE MASSACHUSETTS BAY	21	1	02	42		44	1
100	3125	VER 41	22 07 69		4	SE MASSACHUSETTS BAY	21	1	02	42 03.11	70 32.3	38	1
100	3126	VER 41	22 07 69	1315	4	SE MASSACHUSETTS BAY	21	1	02	42 05.3	70 32.75	33	1
100	3127	VER 41	22 07 69	1328	4	SE MASSACHUSETTS BAY	21	1	02	42 05.3	70 31.35	40	1
100	3128	VER 41	22 07 69	1347	4	SE MASSACHUSETTS BAY	21	1	02	42 05.25	70 29.5	43	1
100	3129	VER 41	22 07 69		4	SE MASSACHUSETTS BAY	21	1	02	42 05.1	70 28.0	44	1
100	3130	VER 41	22 07 69	1414	4	SE MASSACHUSETTS BAY	21	1	02	42 04.99	70 27.4	48	1
100	3131	VER 41	22 07 69	1430	4	SE MASSACHUSETTS BAY	21	1	02	42 04.75	70 26.6	54	1
100	3132	VER 41	22 07 69	1500	4	SE MASSACHUSETTS BAY	21	1	02	42 01.8	70 26.55	50	1
100	3133	VER 41	22 07 69	1538	4	SE MASSACHUSETTS BAY	21	1	02	42 04.3	70 22.95	59	1
100	3134	VER 41	22 07 69	1610	4	SE MASSACHUSETTS BAY	13	1	01	42 04.4	70 18.0	63	1
100	3135	VER 41	22 07 69	1710	4	SE MASSACHUSETTS BAY	13	1	02	42 07.6	70 13.0	57	1
100	3136	VER 41	22 07 69	1735	4	MASS BAY	13	1	02	42 07.85	70 08.95	49	1
100	3137	VER 41	22 07 69	1810	4	MASS BAY	13	1	02	42 08.1	70 04.45	51	1
100	3138	VER 41	22 07 69	1845	4	MASS BAY	13	1	02	42 12.1	70 03.7	95	1
100	3139	VER 41	22 07 69	1918	4	MASS BAY	13	1	02	42 12.0	70 07.35	45	1
100	3140	VER 41	22 07 69	1942	4	STELLWAGEN BANK	13	1	02	42 12.5	70 12.3	35	1
100	3141	VER 41	22 07 69	2018	4	STELLWAGEN BANK	13	1	02	42 12.	70 16.2	23	1
100	3142	VER 41	22 07 69	2035	4	MASS BAY	13	1	01	42 09.62	70 15.78	43	1

CODE #	STATION #	CRUISE #	DATE DA	DATE MO	DATE YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3143	VER 41	22	07	69	2100	4	MASS BAY	13	1	01	42 08.23	70 15.35	54	1
100	3144	VER 41	23	07	69	0545	4	MASS BAY	13	1	02	42 06.7	70 15.55	63	1
100	3145	VER 41	23	07	69	0600	4	MASS BAY	13	1	02	42 07.75	70 19.0	55	1
100	3146	VER 41	23	07	69	0628	4	STELLWAGEN BANK	13	1	02	42 10.6	70 19.85	35	1
100	3147	VER 41	23	07	69	0638	4	MASS BAY	13	1	02	42 10.7	70 20.95	42	1
100	3148	VER 41	23	07	69	0650	4	MASS BAY	13	1	02	42 10.6	70 21.75	50	1
100	3149	VER 41	23	07	69	0700	4	MASS BAY	13	1	02	42 10.7	70 21.99	62	1
100	3150	VER 41	23	07	69	0800	4	MASS BAY	21	1	02	42 12.5	70 21.6	63	1
100	3151	VER 41	23	07	69	0850	4	MASS BAY	21	1	02	42 15.52	70 23.7	84	1
100	3152	VER 41	23	07	69	0907	4	MASS BAY	21	1	02	42 15.6	70 19.3	57	1
100	3153	VER 41	23	07	69	0914	4	MASS BAY	21	1	02	42 15.52	70 18.9	50	1
100	3154	VER 41	23	07	69	0929	4	STELLWAGEN BANK	21	1	02	42 16.08	70 17.9	32	1
100	3155	VER 41	23	07	69	0948	4	STELLWAGEN BANK	21	1	02	42 17.64	70 15.39	31	1
100	3156	VER 41	23	07	69	1016	4	STELLWAGEN BANK	21	1	02	42 20.0	70 18.24	34	1
100	3157	VER 41	23	07	69	1027	4	MASS BAY	21	1	02	42 19.62	70 19.74	50	1
100	3158	VER 41	23	07	69	1032	4	MASS BAY	21	1	02	42 19.65	70 19.82	59	1
100	3159	VER 41	23	07	69	1037	4	MASS BAY	21	1	02	42 19.6	70 19.6	71	1
100	3160	VER 41	23	07	69	1054	4	MASS BAY	21	1	02	42 19.9	70 20.1	90	1
100	3161	VER 41	23	07	69	1131	4	MASS BAY	21	1	02	42 22.33	70 21.93	30	1
100	3162	VER 41	23	07	69	1158	4	MASS BAY	13	1	02	42 22.16	70 23.82	67	1
100	3163	VER 41	23	07	69		4	MASS BAY	13	1	02	42 22.8	70 24.75	60	1
100	3164	VER 41	23	07	69	1255	4	STELLWAGEN BANK	13	1	02	42 23.9	70 25.1	59	1
100	3165	VER 41	23	07	69	1314	4	STELLWAGEN BANK	13	1	02	42 24.1	70 28.35	30	1
100	3166	VER 41	23	07	69	1323	4	MASS BAY	13	1	02	42 24.3	70 29.1	78	1
100	3167	VER 41	23	07	69	1358	4	MASS BAY	13	1	02	42 24.42	70 34.5	86	1
100	3168	VER 41	23	07	69	1425	4	MASS BAY	13	1	02	42 24.2	70 38.75	75	1
100	3169	VER 41	23	07	69	1446	4	MASS BAY	13	1	02	42 24.15	70 41.6	60	1
100	3170	VER 41	23	07	69	1503	4	MASS BAY	13	1	02	42 24.5	70 42.25	55	1
100	3171	VER 41	23	07	69	1520	4	MASS BAY	13	1	02	42 24.8	70 45.0	43	1
100	3172	VER 41	23	07	69	1545	4	MASS BAY	13	1	02	42 24.9	70 47.55	41	1
100	3216A	DOL 18	23	07	69		4	W.SIDE STLWGN BASIN	13	1	02	42 23.3	70 44.0	59	1
100	3216B	DOL 18	24	07	69	1000	4	W.SIDE STELLWAGEN BSN	13	1		42 23.3	70 45.	41	1
100	3217	DOL 18	23	07	69	0955	4	MASS BAY	13	1	02	42 24.5	70 41.7	55	1
100	3218	DOL 18	23	07	69		4	N.END STLWGN BASIN	13	1	02	42 24.5	70 40.2	68	1
100	3219	DOL 18	23	07	69		4	STELLWAGEN BASIN	13	1	02	42 24.5	70 34.	86	1
100	3220	DOL 18	23	07	69	1345	4	STELLWAGEN BASIN NE	13	1	02	42 24.6	70 32.6	84	1
100	3221	DOL 18	23	07	69	1400	4	STELLWAGEN BASIN NE	13	1		42 24.5	70 32.4	80	1
100	3222	DOL 18	23	07	69	1425	4	W.EDGE STELLWAGEN BNK	13	1	02	42 24.4	70 29.0	33	1
100	3223	DOL 18	23	07	69	1540	4	STELLWAGEN BANK,TOP	13	1	02	42 24.4	70 21.8	42	1
100	3224	DOL 18	23	07	69	1620	4	NE EDGE STELLWAGEN BK	13	1		42 24.4	70 17.2	53	1
100	3225	DOL 18	23	07	69		4	W OF WILDCAT KNOLL	13	1		42 25.5	70 10.	68	1
100	3226	DOL 18	23	07	69		4	W OF WILDCAT KNOLL	13	1	02	42 25.6	70 04.	73	1
100	3227	DOL 18	23	07	69	2016	4	W OF WILDCAT KNOLL	13	1	02	42 25.0	70 00.	177	1
100	3228	DOL 18	23	07	69	2215	4	NW OF WILDCAT KNOLL	13	1	02	42 28.6	70 02.3	97	1
100	3229	DOL 18	23	07	69		4	NW OF WILDCAT KNOLL	13	1	02	42 31.2	70 05.3	90	1
100	3230	DOL 18	24	07	69	0135	4	NW OF WILDCAT KNOLL	13	1	02	42 32.5	70 14.	59	1
100	3231	DOL 18	24	07	69	0145	4	SE OF CAPE ANN	13	1	02	42 33.	70 14.2	115	1
100	3232	DOL 18	24	07	69	0300	4	SE OF CAPE ANN	13	1	02	42 33.2	70 18.8	164	1
100	3233	DOL 18	24	07	69	0442	4	SE OF CAPE ANN	13	1	02	42 34.	70 24.	135	1
100	3234	DOL 18	24	07	69	0538	4	SE OF CAPE ANN	13	1	02	42 33.9	70 26.2	82	1
100	3235 A	DOL 18	24	07	69	0631	4	SE OF CAPE ANN	13	1		42 35.	70 30.	75	1
100	3235 B	DOL 18	24	07	69	0631	4	SE OF CAPE ANN	13	1		42 35.	70 30.	75	1
100	3236	DOL 18	24	07	69	0745	4	SE OF CAPE ANN	21	1	02	42 34.	70 34.	64	1
100	3237	DOL 18	24	07	69	0847	4	SE OF CAPE ANN	21	1	02	42 29.4	70 39.5	64	1
100	3238	DOL 18	24	07	69	1157	4	E OF MARBLEHEAD	21	1	02	42 27.5	70 41.5	48	1
100	3239	DOL 18	24	07	69	1300	4	W EDGE STELLWAGEN BNK	21	1	02	42 29.4	70 36.1	60	1
100	3240	DOL 18	24	07	69	1310	4	E EDGE STELLWAGEN BSN	21	1		42 29.4	70 36.2	77	1
100	3241	DOL 18	24	07	69	1345	4	E OF MARBLEHEAD	21	1	02	42 28.3	70 31.7	59	1
100	3242	DOL 18	24	07	69	1417	4	E OF MARBLEHEAD	21	1	02	42 29.2	70 29.	82	1
100	3243	DOL 18	24	07	69	1520	4	E OF MARBLEHEAD	21	1	02	42 28.	70 27.2	62	1
100	3244	DOL 18	24	07	69	1550	4	EAST OF BOSTON	13	1		42 28.3	70 26.8	123	1
100	3245	DOL 18	24	07	69	1730	4	W FLANK TILLIES BASIN	13	1	02	42 29.	70 23.	68	1
100	3246	DOL 18	24	07	69	1819	4	EAST OF BOSTON	13	1		42 29.	70 21.5	156	1
100	3247	DOL 18	24	07	69		4	E OF TILLIES BASIN	13	1	02	42 31.	70 11.	77	1
100	3248	DOL 18	24	07	69	2225	4	W OF MURRY BASIN	13	1	02	42 34.5	70 01.5	119	1
100	3249	DOL 18	24	07	69	2358	4	E OF DOGBONE BASIN	13	1	02	42 36.	70 08.	70	1
100	3250	DOL 18	25	07	69	0048	4	E OF DOGBONE BASIN	13	1	02	42 37.	70 15.	80	1
100	3251	DOL 18	25	07	69	0150	4	DOGBONE BASIN	13	1	02	42 37.8	70 16.5	148	1
100	3252	DOL 18	25	07	69	0220	4	DOGBONE BASIN	13	1		42 40.	70 17.2	82	1
100	3253	DOL 18	25	07	69	0250	4	N END DOGBONE BASIN	13	1	02	42 42.	70 18.	73	1
100	3254	DOL 18	25	07	69	0345	4	E OF CAPE ANN	13	1		42 44.	70 15.2	73	1
100	3255	DOL 18	25	07	69	0423	4	E OF CAPE ANN	13	1		42 25.8	70 13.	47	1
100	3256	DOL 18	25	07	69	0520	4	E OF CAPE ANN	13	1	02	42 45.	70 11.5	95	1
100	3257	DOL 18	25	07	69	0557	4	SO. GULF OF MAINE	13	1	02	42 44.8	70 11.4	44	1
100	3258	DOL 18	25	07	69	0645	4	E OF CAPE ANN	13	1		42 43.7	70 09.	108	1
100	3259	DOL 18	25	07	69	0753	4	E OF CAPE ANN	13	1		42 41.9	70 05.5	99	1
100	3260	DOL 18	25	07	69		4	W SIDE MURRY BASIN	13	1	02	42 40.5	70 02.	100	1
100	3261	DOL 18	25	07	69	1016	4	W SIDE MURRY BASIN	13	1	02	42 43.0	70 01.	137	1
100	3262	DOL 18	25	07	69	1120	4	W SIDE MURRY BASIN	13	1	02	42 45.4	70 02.5	121	1
100	3263	DOL 18	25	07	69	1230	4	E SIDE JEFFREYS LEDGE	13	1	02	42 45.5	70 06.0	146	1
100	3264	DOL 18	25	07	69	1302	4	E OF CAPE ANN	13	1		42 46.6	70 07.6	106	1
100	3265	DOL 18	25	07	69	1350	4	JEFFREYS LEDGE	13	1		42 47.8	70 10.	68	1
100	3266	DOL 18	25	07	69	1425	4	JEFFREYS LEDGE	13	1	02	42 48.4	70 12.5	86	1
100	3267	DOL 18	25	07	69	1500	4	JEFFREYS LEDGE	13	1		42 49.	70 15.	64	1
100	3268	DOL 18	25	07	69	1550	4	JEFFREYS LEDGE	13	1	02	42 47.	70 18.5	49	1
100	3269	DOL 18	25	07	69	1650	4	E OF CAPE ANN	13	1	02	42 47.	70 22.9	82	1
100	3270	DOL 18	25	07	69	1815	4	E OF CAPE ANN	13	1		42 50.	70 23.6	132	1
100	3271	DOL 18	25	07	69	1858	4	NE OF CAPE ANN	13	1		42 52.6	70 25.0	124	1
100	3272	DOL 18	25	07	69	2146	4	NE OF CAPE ANN	13	1	01	42 51.6	70 23.5	66	1
100	3273	DOL 18	26	07	69	0010	4	ISLE OF SHOALS	12	1	01	42 58.4	70 39.4	40	1

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3274	D8L 18	26 07 69	0032	4	ISLE 8F SH8ALS	12	1	01	42 58.7	70 42.5	24	1
100	3275	D8L 18	26 07 69	0102	4	ISLE 8F SH8ALS	12	1	01	42 57.7	70 44.3	24	1
100	3276	D8L 18	26 07 69	0150	4	ISLE 8F SH8ALS	12	1	01	42 55.2	70 45.5	22	1
100	3277	D8L 18	26 07 69	0312	4	ISLE 8F SH8ALS	12	1	01	42 55.7	70 41.0	46	1
100	3278	D8L 18	26 07 69	0530	4	NE 8F CAPE ANN	13	1	01	42 55.	70 35.9	42	1
100	3279	D8L 18	26 07 69	0735	4	NE 8F CAPE ANN	13	1		42 55.2	70 31.0	99	1
100	3280	D8L 18	26 07 69	0840	4	8LD SCANTUM	13	1	02	42 55.2	70 26.9	71	1
100	3281	D8L 18	26 07 69		4	EASTERN 8LD SCANTUM	13	1					
100	3282	D8L 18	26 07 69	1102	4	E 8F 8LD SCANTUM	13	1	02	42 54.8	70 20.	152	1
100	3283	D8L 18	26 07 69	1230	4	NE 8F CAPE ANN	13	1	02	42 54.8	70 12.6	135	1
100	3284	D8L 18	26 07 69		4	NE 8F JEFFREYS LEDGE	13	1		42 54.8	70 08.8	60	1
100	3285	D8L 18	26 07 69	1520	4	JEFFREYS LEDGE	13	1	02	42 53.3	70 06.0	59	1
100	3286	D8L 18	26 07 69	1630	4	SE EDGE JEFFREYS LDGE	13	1	02	42 53.3	70 01.6	137	1
100	3287	D8L 18	26 07 69	1718	4	JEFFRYS LEDGE	13	1	02	42 56.5	70 01.8	75	1
100	3288	D8L 18	26 07 69	1845	4	E SIDE JEFFREYS BASIN	13	1	02	42 58.2	70 06.9	86	1
100	3289	D8L 18	26 07 69	1952	4	S JEFFREYS BASIN	13	1	02	42 58.5	70 12.	78	1
100	3290	D8L 18	26 07 69	2043	4	SW JEFFREYS BASIN	13	1	02	42 58.5	70 18.		
100	3291	D8L 18	26 07 69	2122	4	KN8LL SW JEFFREYS BSN	13	1	02	42 58.5	70 23.0	82	1
100	3292	D8L 18	26 07 69	2205	4	W SIDE JEFFREYS BASIN	13	1	02	42 58.6	70 28.	57	1
100	3293	D8L 18	26 07 69	2340	4	C8NT SHLF 8FF PLUM IS	13	1	01	42 52.7	70 35.8	80	1
100	3294	D8L 18	27 07 69	0050	4	C8NT SHLF 8FF PLUM IS	13	1	01	42 54.2	70 39.2	62	1
100	3295	D8L 18	27 07 69	0125	4	S 8F ISLE 8F SH8ALS	12	1	01	42 53.	70 42.8	37	1
100	3296 A	D8L 18	27 07 69	0200	4	S 8F ISLE 8F SH8ALS	12	1	01	42 53.	70 46.2	26	1
100	3296 B	D8L 18	27 07 69	0200	4	S 8F ISLE 8F SH8ALS	12	1	01	42 53.	70 46.2	26	1
100	3297	D8L 18	27 07 69	0320	4	S 8F ISLE 8F SH8ALS	12	1	01	42 51.	70 43.9	33	1
100	3298	D8L 18	27 07 69	0350	4	S 8F ISLE 8F SH8ALS	12	1	01	42 49.7	70 40.7	49	1
100	3299	D8L 18	27 07 69	0422	4	N 8F CAPE ANN	13	1	01	42 49.7	70 36.5	86	1
100	3300	D8L 18	27 07 69	0510	4	NE 8F CAPE ANN	13	1		42 47.0	70 40.0	62	1
100	3301	D8L 18	27 07 69	0548	4	5 MI NE 8F CAPE ANN	13	1		42 46.8	70 36.3	79	1
100	3302	D8L 18	27 07 69	0643	4	7 MI NE 8F CAPE ANN	13	1	01	42 45.4	70 30.5	90	1
100	3303	D8L 18	27 07 69	0735	4	6 MI ENE 8F CAPE ANN	13	1	01	42 43.0	70 28.6	68	1
100	3304	D8L 18	27 07 69	0830	4	6 MI E 8F CAPE ANN	13	1	01	42 40.	70 27.4	44	1
100	3305	D8L 18	27 07 69	0931	4	7 MI SE 8F CAPE ANN	13	1	02	42 37.5	70 25.5	81	1
100	3306	D8L 18	27 07 69		4	S8. GULF 8F MAINE	13	1		42 35.7	70 24.0		
100	3307	D8L 18	27 07 69	1400	4	TILLIES BASIN	13	1	02	42 37.	70 23.2	128	1
100	3308	AST 4	04 08 69	1027	4	S8MES S8UND	4	1	01	48 18.02	68 18.48	15	1
100	3309	AST 4	04 08 69	1139	4	S8MES SND S8UTH DEEP	4	1	01	48 18.55	68 18.70	45	1
100	3310	AST 4	04 08 69	1204	4	S8MES SND MIDDLE DEEP	4	1	01	48 19.32	68 18.62	49	1
100	3311A	AST 4	04 08 69	1340	4	S8MES SND N8RTH DEEP	4	1	01	44 20.06	68 18.86	34	1
100	3311B	AST 4	04 08 69	1540	4	S8MES SND N8RTH DEEP	4	1	01			49	1
100	3312	AST 4	04 08 69	1700	4	N8RTHERN MAINE C8AST	4	1	01	48 18.68	68 18.68	38	1
100	3313	AST 4	05 08 69	0952	4	S8MES S8UND	4	1	01	44 18.84	68 18.64	25	1
100	3314	AST 4	05 08 69	1402	4	S8MES HARB8R	4	1	01	44 21.84	68 19.67	52	1
100	3315	AST 4	05 08 69	1411	4	S8MES HARB8R	4	1	01	44 21.69	68 19.60	82	1
100	3316	AST 4	05 08 69	1417	4	S8MES HARB8R	4	1	01	44 21.54	68 19.57	13	1
100	3317	AST 4	05 08 69	1425	4	N S8MES S8UND	4	1	01	44 21.43	68 19.5	15	1
100	3318	AST 4	05 08 69	1435	4	N S8MES S8UND	4	1	01	44 21.27	68 19.46	9	1
100	3319	AST 4	05 08 69	1604	4	NE 8F SILL S8MES SND	4	1	01	44 18.81	68 18.75		
100	3320	AST 4	05 08 69	1741	4	S8MES S8UND	4	1	01	44 19.01	68 18.74	22	2
100	3321	AST 4	05 08 69	1803	4	CENTRAL S8MES S8UND	4	1	01	44 19.64	68 18.76	42	2
100	3322	AST 4	05 08 69	1823	4	N S8MES S8UND	4	1	01	44 20.54	68 19.12	25	2
100	3323	AST 4	05 08 69	1835	4	N S8MES S8UND	4	1	01	44 21.03	68 19.34	19	2
100	3324	AST 4	06 08 69	1523	4	S 8F SILL S S8MES SND	4	1	01	44 17.75	68 18.50	16	2
100	3325	AST 4	06 08 69	1548	4	S END S8MES S8UND	4	1	01	44 18.32	68 18.35	7	2
100	3326	AST 4	06 08 69	1555	4	S END S8MES S8UND	4	1	01	44 18.31	68 18.54	26	2
100	3327	AST 4	06 08 69	1612	4	S END S8MES S8UND	4	1	01	44 18.29	68 18.66	14	2
100	3328	AST 4	06 08 69	1623	4	S S8MES S8UND	4	1	01	44 18.51	68 18.42	19	2
100	3329	AST 4	06 08 69	1629	4	S S8MES S8UND	4	1	01	44 18.48	68 18.64	39	2
100	3330	AST 4	06 08 69	1640	4	S S8MES S8UND	4	1	01	44 18.47	68 18.75	36	2
100	3331	AST 4	06 08 69	1650	4	S S8MES S8UND	4	1	01	44 18.61	68 18.55	13	2
100	3332	AST 4	06 08 69	1703	4	S S8MES S8UND	4	1	01	44 18.58	68 18.89	35	2
100	3333	AST 4	06 08 69	1710	4	S S8MES S8UND	4	1	01	44 18.55	68 19.08	13	2
100	3334	AST 4	06 08 69	1728	4	S S8MES S8UND	4	1	01	44 18.79	68 18.93	25	2
100	3335	AST 4	06 08 69	1645	4	S S8MES S8UND	4	1	01	44 18.95	68 18.91	21	2
100	3336	AST 4	06 08 69	1805	4	S S8MES S8UND	4	1	01	44 18.72	68 18.66	>43	2
100	3337	AST 4	06 08 69	1830	4	CENTRAL S8MES S8UND	4	1	01	44 19.53	68 18.43	20	2
100	3338	AST 4	06 08 69	1850	4	N S8MES S8UND	4	1	01	44 19.53	68 18.62	22	2
100	3339	AST 4	06 08 69	1858	4	CENTRAL S8MES S8UND	4	1	01	44 19.54	68 18.79	21	2
100	3340	AST 4	06 08 69	1915	4	N S8MES S8UND	4	1	01	44 21.16	68 19.39	14	2
100	3341	AST 4	07 08 69	0830	4	N S8MES S8UND	4	1	01	44 21.40	68 19.15	9	2
100	3342	AST 4	07 08 69	0840	4	N S8MES S8UND	4	1	01	44 21.40	68 18.84	11	2
100	3343	AST 4	07 08 69	0900	4	N S8MES S8UND	4	1	01	44 21.40	68 18.58	10	2
100	3344	AST 4	07 08 69	0909	4	N S8MES S8UND	4	1	01	44 21.40	68 18.50	8	2
100	3345	AST 4	07 08 69	0915	4	N S8MES S8UND	4	1	01	44 21.57	68 19.64	4	2
100	3346	AST 4	07 08 69	0925	4	N S8MES S8UND	4	1	01	44 21.53	68 19.08	4	2
100	3347	AST 4	07 08 69	0942	4	N S8MES S8UND	4	1	01	44 21.28	68 18.71	12	2
100	3348	AST 4	07 08 69	0947	4	N S8MES S8UND	4	1	01	44 21.28	68 19.00	15	2
100	3349	AST 4	07 08 69	0943	4	N S8MES S8UND	4	1	01	44 21.28	68 19.28	11	2
100	3350	AST 4	07 08 69	1008	4	N S8MES S8UND	4	1	01	44 21.09	68 18.69	7	2
100	3351	AST 4	07 08 69	1015	4	N S8MES S8UND	4	1	01	44 21.08	68 18.81	17	2
100	3352	AST 4	07 08 69	1023	4	N S8MES S8UND	4	1	01	44 21.06	68 19.08	20	2
100	3353	AST 4	07 08 69	1040	4	N S8MES S8UND	4	1	01	44 20.86	68 19.50	11	2
100	3354	AST 4	07 08 69	1046	4	N S8MES S8UND	4	1	01	44 20.80	68 19.18	19	2
100	3355	AST 4	07 08 69	1050	4	N S8MES S8UND	4	1	01	44 20.85	68 18.80	19	2
100	3356	AST 4	07 08 69	1102	4	N S8MES S8UND	4	1	01	44 20.88	68 18.63	12	2
100	3357	AST 4	07 08 69	1108	4	N S8MES S8UND	4	1	01	44 20.64	68 18.63	13	2
100	3358	AST 4	07 08 69	1118	4	N S8MES S8UND	4	1	01	44 20.59	68 18.95	22	2
100	3359	AST 4	07 08 69	1125	4	N S8MES S8UND	4	1	01	44 20.53	68 19.30	20	2
100	3360	AST 4	07 08 69	1145	4	N CENTRAL S8MES S8UND	4	1	01	44 20.20	68 19.11	14	2
100	3361	AST 4	07 08 69	1147	4	N CENTRAL S8MES S8UND	4	1	01	44 20.20	68 19.08	22	2

CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3362	AST 4	07 08 69	1150	4	N CENTRAL SOMES SOUND	4	1	01	44 20.23	68 18.85	22	2
100	3363	AST 4	07 08 69	1156	4	N CENTRAL SOMES SOUND	4	1	01	44 20.27	68 18.53	10	2
100	3364	AST 4	07 08 69	1201	4	N CENTRAL SOMES SOUND	4	1	01	44 20.26	68 18.64	16	2
100	3365	AST 4	07 08 69	1227	4	S SOMES SOUND	4	1	01	44 18.65	68 18.81	39	2
100	3366	AST 4	07 08 69	1316	4	S SOMES SOUND	4	1	01	44 18.14	68 18.47	15	2
100	3367	AST 4	07 08 69	1328	4	S SOMES SOUND	4	1	01	44 18.15	68 18.28	5	2
100	3368	AST 4	07 08 69	1335	4	S SOMES SOUND	4	1	01	44 18.14	68 18.59	11	2
100	3369	AST 4	07 08 69	1415	4	CENTRAL SOMES SOUND	4	1	01	44 20.19	68 18.38	9	2
100	3370	AST 4	07 08 69	1505	4	CENTRAL SOMES SOUND	4	1	01	44 20.00	68 19.05	21	2
100	3371	AST 4	07 08 69	1510	4	CENTRAL SOMES SOUND	4	1	01	44 20.03	68 18.63	19	2
100	3372	AST 4	07 08 69	1516	4	CENTRAL SOMES SOUND	4	1	01	44 20.04	68 18.41	11	2
100	3373	AST 4	07 08 69	1521	4	CENTRAL SOMES SOUND	4	1	01	44 20.04	68 18.47	15	2
100	3374	AST 4	07 08 69	1530	4	CENTRAL SOMES SOUND	4	1	01	44 19.75	68 18.43	12	2
100	3375	AST 4	07 08 69	1540	4	CENTRAL SOMES SOUND	4	1	01	44 19.81	68 18.68	31	2
100	3376	AST 4	07 08 69	1600	4	CENTRAL SOMES SOUND	4	1	01	44 19.79	68 18.90	19	2
100	3377	AST 4	08 08 69	0945	4	S SOMES SOUND	4	1	01	44 18.76	68 18.77	33	2
100	3378	AST 4	08 08 69	1015	4	S SOMES SOUND	4	1	01	44 18.75	68 18.48	4	2
100	3379	AST 4	08 08 69	1026	4	S SOMES SOUND	4	1	01	44 18.66	68 19.01	17	2
100	3380	AST 4	08 08 69	1044	4	S CENTRAL SOMES SOUND	4	1	01	44 19.11	68 18.90	15	2
100	3381	AST 4	08 08 69	1049	4	S CENTRAL SOMES SOUND	4	1	01	44 19.17	68 18.78	26	2
100	3382	AST 4	08 08 69	1102	4	S CENTRAL SOMES SOUND	4	1	01	44 19.19	68 18.57	16	2
100	3383	AST 4	08 08 69	1111	4	S SOMES SOUND	4	1	01	44 19.00	68 18.42	9	2
100	3384	AST 4	08 08 69	1117	4	S CENTRAL SOMES SOUND	4	1	01	44 19.30	68 18.40	15	2
100	3385	AST 4	08 08 69	1126	4	CENTRAL SOMES SOUND	4	1	01	44 19.66	68 18.40	5	2
100	3386	AST 4	08 08 69	1128	4	CENTRAL SOMES SOUND	4	1	01	44 19.68	68 18.47	18	2
100	3387	AST 4	08 08 69	1148	4	N SOMES SOUND	4	1	01	44 20.46	68 18.61	12	2
100	3388	AST 4	08 08 69	1155	4	N SOMES SOUND	4	1	01	44 20.45	68 18.71		
100	3389	AST 4	08 08 69	1207	4	N SOMES SOUND	4	1	01	44 20.44	68 18.79	17	2
100	3390	AST 4	08 08 69	1215	4	N SOMES SOUND	4	1	01	44 20.42	68 19.01	24	2
100	3391	AST 4	08 08 69	1225	4	N SOMES SOUND	4	1	01	44 20.39	68 19.20	19	2
100	3392	AST 4	08 08 69	1312	4	S SOMES SOUND	4	1	01				
100	3393	AST 4	08 08 69	1420	4	S SOMES SOUND	4	1	01	44 18.81	68 18.68		
100	3394	VER 52	20 08 69	1126	4	OFF PLYMOUTH	21	1	02	42 02.75	70 26.1	49	1
100	3395	VER 52	20 08 69	1330	4	OFF PROVINCETOWN	21	1		42 06.45	70 23.25	62	2
100	3396	VER 52	20 08 69	1430	4	NE OF PLYMOUTH	21	1	02	42 08.25	70 29.9	51	1
100	3397	VER 52	20 08 69	1542	4	NE OF PLYMOUTH	21	1	02	42 14.9	70 29.6	72	2
100	3398	VER 52	20 08 69	1656	4	WSW OF BOSTON	21	1	01	42 20.7	70 37.9	74	2
100	3399	VER 52	21 08 69		4	OFF GLOUSTER HARBOR	21	1	01	42 32.5	70 38.9	51	2
100	3400	VER 52	21 08 69	0702	4	S OF GLOUSTER	21	1	01	42 30.9	70 37.65	62	1
100	3401	VER 52	21 08 69	0800	4	S OF GLOUSTER	21	1	01	42 25.95	70 35.75	90	2
100	3402	VER 52	21 08 69	0937	4	S OF GLOUSTER	21	1	01	42 21.15	70 27.30	71	2
100	3403	VER 52	21 08 69	1037	4	E OF PLYMOUTH	21	1	01	42 20.0	70 24.6	90	2
100	3404	VER 52	21 08 69	1208	4	E OF PLYMOUTH	21	1	01	42 20.15	70 16.4	32	2
100	3405	VER 52	21 08 69	1252	4	E OF PLYMOUTH	13	1		42 25.95	70 37.75	70	2
100	3406	VER 52	21 08 69	1350	4	N OF PROVINCETOWN	13	1	01	42 19.85	70 24.4	88	1
100	3407	VER 52	21 08 69	1434	4	NE OF PROVINCETOWN	13	1		42 20.1	69 59.95	119	2
100	3409	GOS 164	11 06 70	0642	4	W. ISLES OF SHOALS	13	1	02	43 00.6	70 39.5	29	1
100	3410	GOS 164	11 06 70	0739	4	NE ISLES OF SHOALS	13	1	02	43 01.8	70 33.5	65	1
100	3411	GOS 164	11 06 70	0841	4	JEFFREY'S BASIN	13	1	02	43 02.	70 29.7	84	1
100	3412	GOS 164	11 06 70	0930	4	JEFFREY'S BASIN	13	1	02	43 02.1	70 25.7	99	1
100	3413	GOS 164	11 06 70	1015	4	JEFFREY'S BASIN	13	1	02	43 02.3	70 20.1	117	1
100	3414	GOS 164	11 06 70	1100	4	JEFFREY'S BASIN	13	1	02	43 01.4	70 15.2	154	1
100	3415	GOS 164	11 06 70	1143	4	JEFFREY'S BASIN	13	1	02	43 01.7	70 10.4	188	1
100	3416	GOS 164	11 06 70	1248	4	JEFFREY'S LEDGE	13	1	02	43 01.7	70 04.3	62	1
100	3417	GOS 164	11 06 70	1323	4	JEFFREY'S LEDGE	13	1	02	43 01.0	70 02.9	53	1
100	3418	GOS 164	11 06 70	1355	4	JEFFREY'S LEDGE	13	1	02	43 02.8	70 00.6	50	1
100	3419	GOS 164	11 06 70	1429	4	JEFFREY'S LEDGE	13	1	02	43 04.2	70 03.5	58	1
100	3420	GOS 164	11 06 70	1500	4	JEFFREY'S LEDGE	13	1	02	43 05.2	70 07.7	63	1
100	3421	GOS 164	11 06 70	1538	4	JEFFREY'S BASIN	13	1	02	43 05.1	70 10.4	147	1
100	3422	GOS 164	11 06 70	1624	4	JEFFREY'S BASIN	13	1	02	43 06.0	70 15.0	139	1
100	3423	GOS 164	11 06 70	1734	4	JEFFREY'S BASIN	13	1	02	43 05.9	70 19.5	117	1
100	3424	GOS 164	11 06 70	1838	4	JEFFREY'S BASIN	13	1	02	43 05.5	70 24.6	95	1
100	3425	GOS 164	11 06 70	1915	4	SOUTH OF BOON ISLAND	13	1	02	43 05.6	70 28.9	73	1
100	3426	GOS 164	11 06 70	1957	4	SE OF BOON ISLAND	13	1	02	43 06.5	70 33.5	29	1
100	3427	GOS 164	11 06 70	2030	4	SE OF CAPE NEDDICK	13	1	02	43 09.2	70 34.1	30	1
100	3428	GOS 164	11 06 70	2107	4	EAST OF CAPE NEDDICK	13	1	01	43 10.0	70 30.8	36	1
100	3429	GOS 164	11 06 70	2150	4	EAST OF CAPE NEDDICK	13	1	02	43 10.1	70 27.5	54	1
100	3430	GOS 164	11 06 70	2248	4	JEFFREY'S BASIN	13	1	02	43 09.2	70 21.7	86	1
100	3431	GOS 164	11 06 70	2330	4	JEFFREY'S BASIN	13	1	02	43 09.0	70 16.9	117	1
100	3432	GOS 164	12 06 70	0006	4	JEFFREY'S BASIN	13	1	02	43 08.8	70 12.7	128	1
100	3433	GOS 164	12 06 70	0058	4	JEFFREY'S LEDGE	13	1	02	43 08.0	70 07.1	136	1
100	3434	GOS 164	12 06 70	0130	4	JEFFREY'S LEDGE	13	1	02	43 07.0	70 03.7	54	1
100	3435	GOS 164	12 06 70	0157	4	JEFFREY'S LEDGE	13	1	02	43 06.1	70 00.5	114	1
100	3436	GOS 164	12 06 70	0223	4	JEFFREY'S LEDGE	13	1	02	43 07.8	70 00.9	90	1
100	3437	GOS 164	12 06 70	0252	4	JEFFREY'S LEDGE	13	1	02	43 08.7	70 03.3	58	1
100	3438	GOS 164	12 06 70	0326	4	JEFFREY'S LEDGE	13	1	02	43 11.0	70 01.7	76	1
100	3439	GOS 164	12 06 70	0405	4	JEFFREY'S LEDGE	13	1	02	43 10.5	70 05.4	152	1
100	3440	GOS 164	12 06 70	0437	4	JEFFREY'S BASIN	13	1	02	43 11.7	70 08.5	116	1
100	3441	GOS 164	12 06 70	0504	4	JEFFREY'S BASIN	13	1	02	43 11.5	70 11.4	119	1
100	3442	GOS 164	12 06 70	0530	4	JEFFREY'S BASIN	13	1	02	43 11.8	70 13.9	117	1
100	3443	GOS 164	12 06 70	0555	4	JEFFREY'S BASIN	13	1	02	43 12.1	70 17.6	117	1
100	3444	GOS 164	12 06 70	0623	4	JEFFREY'S BASIN	13	1	01	43 12.2	70 21.5	99	1
100	3445	GOS 164	12 06 70	0705	4	EAST OF OQUNQUIT	13	1	01	43 11.8	70 24.4	54	1
100	3446	GOS 164	12 06 70	0738	4	EAST OF OQUNQUIT	13	1	01	43 11.8	70 31.2	36	1
100	3447	GOS 164	12 06 70	0808	4	EAST OF OQUNQUIT	13	1	01	43 12.4	70 33.7	34	1
100	3448	GOS 164	12 06 70	0835	4	EAST OF OQUNQUIT	13	1	01	43 14.4	70 32.5	38	1
100	3449	GOS 164	12 06 70	0900	4	EAST OF OQUNQUIT	13	1	01	43 14.0	70 30.0	43	1
100	3450	GOS 164	12 06 70	0955	4	JEFFREY'S BASIN	13	1	01	43 13.0	70 26.1	43	1
100	3451	GOS 164	12 06 70	1020	4	JEFFREY'S BASIN	13	1	01	43 12.9	70 24.0	76	1
100	3452	GOS 164	12 06 70	1050	4	JEFFREY'S BASIN	13	1	01	43 13.1	70 20.0	95	1

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CODE #	STATION #	CRUISE #	DATE DA MO YR	TIME	TIME ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3453	GBS 164	12 06 70	1145	4	JEFFREY'S BASIN	13	1	01	43 13.5	70 14.4	112	1
100	3454	GBS 164	12 06 70	1250	4	JEFFREY'S BASIN	13	1	01	43 12.6	70 04.9	162	1
100	3455	GBS 164	12 06 70	1325	4	N OF JEFFREY'S LEDGE	13	1	03	43 13.5	70 00.8	132	1
100	3456	GBS 164	12 06 70	1443	4	JEFFREY'S BASIN	13	1	03	43 14.8	70 08.5	141	1
100	3457	GBS 164	12 06 70	1510	4	JEFFREY'S BASIN	13	1	03	43 15.2	70 12.2	123	1
100	3458	GBS 164	12 06 70	1557	4	JEFFREY'S BASIN	13	1	02	43 14.9	70 18.9	83	1
100	3459	GBS 164	12 06 70	1659	4	JEFFREY'S BASIN	13	1	02	43 15.1	70 26.3	38	1
100	3460	GBS 164	12 06 70	1731	4	NE OF OQUNQUIT	13	1	02	43 16.0	70 30.5	47	1
100	3461	GBS 164	12 06 70	1752	4	NE OF OQUNQUIT	13	1	01	43 17.0	70 32.7	25	1
100	3462	GBS 164	12 06 70	1820	4	NORTH OF WELLS BEACH	13	1	01	43 18.8	70 31.2	36	1
100	3463	GBS 164	12 06 70	1851	4	NORTH OF WELLS BEACH	13	1	01	43 18.0	70 27.0	43	1
100	3464	GBS 164	12 06 70	1921	4	NORTH OF WELLS BEACH	13	1	01	43 17.3	70 24.4	58	1
100	3465	GBS 164	12 06 70	2002	4	JEFFREY'S BASIN	13	1	01	43 15.8	70 21.3	65	1
100	3466	GBS 164	12 06 70	2157	4	JEFFREY'S BASIN	13	1	01	43 16.3	70 14.1	106	1
100	3467	GBS 164	12 06 70	2136	4	JEFFREY'S BASIN	13	1	01	43 16.7	70 10.6	123	1
100	3468	GBS 164	12 06 70	2234	4	JEFFREY'S BASIN	13	1	01	43 16.5	70 03.4	145	1
100	3469	GBS 164	12 06 70	2305	4	JEFFREY'S BASIN	13	1	03	43 16.8	70 00.5	127	1
100	3470	GBS 164	12 06 70	2350	4	JEFFREY'S BASIN	13	1	03	43 18.8	70 03.5	147	1
100	3471	GBS 164	13 06 70	0015	4	JEFFREY'S BASIN	13	1	03	43 17.6	70 07.7	145	1
100	3472	GBS 164	13 06 70	0105	4	JEFFREY'S BASIN	13	1	01	43 19.5	70 11.1	108	1
100	3473	GBS 164	13 06 70	0200	4	JEFFREY'S BASIN	13	1	01	43 18.8	70 15.5	90	1
100	3474	GBS 164	13 06 70	0317	4	JEFFREY'S BASIN	13	1	01	43 18.4	70 18.9	67	1
100	3475	GBS 164	13 06 70	0403	4	SE OF CAPE PORPOISE	13	1	01	43 18.8	70 22.9	58	1
100	3476	GBS 164	13 06 70	0445	4	SE OF CAPE PORPOISE	13	1	01	43 19.7	70 25.0	40	1
100	3477	GBS 164	13 06 70	0526	4	EAST OF CAPE PORPOISE	13	1	01	43 22.1	70 23.9	38	1
100	3478	GBS 164	13 06 70	0557	4	EAST OF CAPE PORPOISE	13	1	01	43 21.1	70 21.2	47	1
100	3479	GBS 164	13 06 70	0632	4	EAST OF CAPE PORPOISE	13	1	01	43 20.2	70 18.8	76	1
100	3480	GBS 164	13 06 70	0705	4	EAST OF CAPE PORPOISE	13	1	01	43 21.1	70 14.9	62	1
100	3481	GBS 164	13 06 70	0737	4	EAST OF CAPE PORPOISE	13	1	01	43 22.7	70 17.0	47	1
100	3482	GBS 164	13 06 70	0825	4	EAST OF CAPE PORPOISE	13	1	01	43 23.4	70 21.8	43	1
100	3483	GBS 164	13 06 70	0915	4	EAST OF FLETCHER NECK	13	1	01	43 25.3	70 19.1	32	1
100	3484	GBS 164	13 06 70	0955	4	SOUTH OF WOOD ISLAND	13	1	01	43 26.3	70 18.4	34	1
100	3485	GBS 164	13 06 70	1039	4	JEFFREY'S BASIN	13	1	01	43 24.4	70 15.9	78	1
100	3486	GBS 164	13 06 70	1137	4	JEFFREY'S BASIN	13	1	01	43 22.3	70 11.9	99	1
100	3487	GBS 164	13 06 70	1214	4	E SUB SACO RIVER VAL.	13	1	01	43 20.3	70 07.8	123	1
100	3488	GBS 164	13 06 70	1310	4	E OLD ORCHARD BEACH	13	1	01	43 21.2	70 01.2	170	1
100	3489	GBS 164	13 06 70	1335	4	SE-OLD ORCHARD BEACH	13	1	01	43 21.9	70 03.7	159	1
100	3490	GBS 164	13 06 70	1405	4	SE-OLD ORCHARD BEACH	13	1	01	43 23.1	70 06.5	114	1
100	3491	GBS 164	13 06 70	1433	4	SE-OLD ORCHARD BEACH	13	1	01	43 24.6	70 08.9	84	1
100	3492	GBS 164	13 06 70	1454	4	SE-OLD ORCHARD BEACH	13	1	01	43 25.4	70 12.0	95	1
100	3493	GBS 164	13 06 70	1510	4	SE-OLD ORCHARD BEACH	13	1	01	43 26.1	70 13.2	62	1
100	3494	GBS 164	13 06 70	1533	4	EAST OF WOOD ISLAND	13	1	01	43 27.7	70 18.3	65	1
100	3495	GBS 164	13 06 70	1559	4	NE OF WOOD ISLAND	13	1	01	43 28.7	70 18.3	21	1
100	3496	GBS 164	13 06 70	1624	4	OLD ORCHARD BEACH	13	1	01	43 29.1	70 20.9	21	1
100	3497	GBS 164	13 06 70	1702	4	OLD ORCHARD BEACH	13	1	01	43 31.0	70 18.3	21	1
100	3498	GBS 164	13 06 70	1826	4	OLD ORCHARD BEACH	13	1	01	43 30.1	70 19.1	28	1
100	3499	GBS 164	13 06 70	1847	4	OLD ORCHARD BEACH	13	1	02	43 28.9	70 11.7	71	1
100	3500	GBS 164	13 06 70	1928	4	OLD ORCHARD BEACH	13	1	02	43 27.0	70 07.6	84	1
100	3501	GBS 164	13 06 70	2005	4	JEFFREY'S BASIN	13	1	01	43 24.7	70 05.1	114	1
100	3502	GBS 164	13 06 70	2045	4	JEFFREY'S BASIN	13	1	01	43 23.8	70 01.0	139	1
100	3503	GBS 164	13 06 70	2130	4	JEFFREY'S BASIN	13	1	01	43 28.5	70 02.0	114	1
100	3504	GBS 164	13 06 70	2211	4	JEFFREY'S BASIN	13	1	01	43 29.7	70 06.5	94	1
100	3505	GBS 164	13 06 70	2230	4	JEFFREY'S BASIN	13	1	01	43 30.4	70 08.7	33	1
100	3506	GBS 164	13 06 70	2255	4	JEFFREY'S BASIN	13	1	01	43 31.3	70 11.2	61	1
100	3507	GBS 164	13 06 70	2306	4	JEFFREY'S BASIN	13	1	01	43 32.1	70 12.2	48	1
100	3508	GBS 164	13 06 70	2330	4	JEFFREY'S BASIN	13	1	01	43 34.1	70 11.0	23	1
100	3509	GBS 164	14 06 70	0002	4	SE PORTLAND LIGHTSHIP	13	1	01	43 32.6	70 06.9	38	1
100	3510	GBS 164	14 06 70	0037	4	SE PORTLAND LIGHTSHIP	13	1	01	43 31.3	70 03.1	48	1
100	3511	GBS 164	14 06 70	0110	4	SE PORTLAND LIGHTSHIP	13	1	01	43 30.5	70 00.3	114	1
100	3512	GBS 164	14 06 70	0144	4	E OF CAPE ELIZABETH	13	1	01	43 32.4	70 01.1	68	1
100	3513	GBS 164	14 06 70	0218	4	E OF CAPE ELIZABETH	13	1	01	43 33.6	70 05.5	33	1
100	3514	GBS 164	14 06 70	0300	4	E OF CAPE ELIZABETH	13	1	01	43 35.2	70 01.2	43	1
100	3515	GBS 164	14 06 70	0339	4	EAST OF PEAK ISLAND	13	1	01	43 38.6	70 00.5	45	1
100	3516	GBS 164	14 06 70	0405	4	EAST OF PEAK ISLAND	13	1	01	43 38.2	70 03.9	53	1
100	3517	GBS 164	14 06 70	0435	4	EAST OF PEAK ISLAND	13	1	01	43 37.6	70 07.5	49	1
100	3518	GBS 164	14 06 70	0505	4	EAST OF PEAK ISLAND	13	1	01	43 38.2	70 03.9	86	1
100	3519	GBS 164	14 06 70	0524	4	EAST OF PEAK ISLAND	13	1	01	43 37.2	70 04.3	40	1
100	3520	GBS 164	14 06 70	0607	4	SE OF PEAK ISLAND	13	1	01	43 36.3	70 04.0	12	1
100	3521	GBS 164	14 06 70	0650	4	SE OF PEAK ISLAND	13	1	01	43 35.0	70 07.8	40	1
100	3522	GBS 164	14 06 70	0740	4	SOUTH OF PEAK ISLAND	13	1	01	43 37.0	70 11.3	23	1
100	3523	GBS 164	14 06 70	0818	4	CASCO BAY-MAINE	13	1	01	43 38.6	70 09.5	34	1
100	3524	GBS 164	14 06 70	0850	4	CASCO BAY-MAINE	13	1	01	43 40.2	70 10.3	30	1
100	3525	GBS 164	14 06 70	0930	4	CASCO BAY-MAINE	13	1	01	43 42.6	70 10.7	18	1
100	3526	GBS 164	14 06 70	1000	4	CASCO BAY-MAINE	13	1	01	43 44.6	70 08.5	10	1
100	3527	GBS 164	14 06 70	1040	4	CASCO BAY-MAINE	13	1	01	43 47.7	70 05.2	10	1
100	3528	GBS 164	14 06 70	1103	4	CASCO BAY-MAINE	13	1	01	43 46.4	70 04.1	18	1
100	3529	GBS 164	14 06 70	1129	4	CASCO BAY-MAINE	13	1	01	43 48.2	70 02.8	11	1
100	3530	GBS 164	14 06 70	1201	4	CASCO BAY-MAINE	13	1	01	43 47.5	70 01.2	19	1
100	3531	GBS 164	14 06 70	1239	4	SW OF WHALEBONE IS.	13	1	01	43 44.5	70 04.2	18	1
100	3532	GBS 164	14 06 70	1301	4	BROAD SOUND	13	1	01	43 42.9	70 03.8	32	1
100	3533	GBS 164	14 06 70	1329	4	SOUTH OF HASKELL IS.	13	1	01	43 42.3	70 01.7	25	1
100	3534	GBS 164	14 06 70	1353	4	NE OF HALFWAY ROCK	13	1	01	43 40.9	70 00.5	40	1
100	3535	GBS 164	14 06 70	1434	4	EAST OF JEWELL IS.	13	1	01	43 40.2	70 03.7	21	1
100	3536	GBS 164	14 06 70	1733	4	WEST OF HALFWAY ROCK	13	1	01	43 39.0	70 03.2	60	1
100	3537	GBS 164	14 06 70	2035	4	JEFFREY'S BASIN	13	1	01	43 23.7	70 14.0	92	1
100	3538	GBS 164	14 06 70	2205	4	JEFFREY'S BASIN	13	1	01	43 17.3	70 11.6	110	1
100	3539	GBS 164	14 06 70	2335	4	JEFFREY'S BASIN	13	1	01	43 14.9	70 02.2	136	1
100	3540	GBS 164	15 06 70	0137	4	ENE OF BOON ISLAND	13	1	01	43 08.2	70 16.7	126	1
100	3541	GBS 164	15 06 70	0454	4	NE OF CAPE ANN	13	1	01	42 53.2	70 30.4	54	1
100	3542	GBS 164	15 06 70	0540	4	NE OF CAPE ANN	13	1	01	42 50.0	70 29.3	119	1

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CODE #	STATION #	CRUISE #	DATE DA	MO	YR	TIME	ZN	GENERAL AREA	AREA CODE	SHEET #	METHOD OF NAVIG.	POSITION LAT	POSITION LONG	CORRECTED DEPTH	METHOD OF SOUNDING
100	3543	GOS 164	15	06	70	0648	4	NE OF CAPE ANN	13	1	01	42 46.0	70 26.0	95	1
100	3544	GOS 164	15	06	70	0736	4	EAST OF CAPE ANN	13	1	01	42 42.8	70 22.6	49	1
100	3545	GOS 164	15	06	70	0910	4	EAST OF CAPE ANN	13	1	01	42 50.0	70 18.4	52	1
100	3546	GOS 164	15	06	70	1022	4	EAST OF CAPE ANN	13	1	01	42 51.9	70 11.5	105	1
100	3547	GOS 164	15	06	70	1109	4	EAST OF CAPE ANN	13	1	01	42 49.8	70 07.3	150	1
100	3548	GOS 164	15	06	70	1146	4	E OF JEFFREY'S LEDGE	13	1	01	42 49.7	70 02.2	237	1
100	3549	GOS 164	15	06	70	1433	4	E OF DOG BONE BASIN	13	1	02	42 38.8	70 06.4	123	1
100	3550	GOS 164	15	06	70	1557	4	E OF TILLIES BASIN	13	1	02	42 33.3	70 08.8	105	1
100	3551	GOS 164	15	06	70	1718	4	STELLWAGEN BANK	13	1	02	42 31.6	70 14.8	132	1
100	3552	GOS 164	15	06	70	1825	4	STELLWAGEN BANK	13	1	02	42 28.2	70 14.9	41	1
100	3553	GOS 164	15	06	70	1925	4	STELLWAGEN BANK	13	1	02	42 28.4	70 07.7	84	1
100	3554	GOS 164	15	06	70	2125	4	STELLWAGEN BANK	13	1	02	42 22.7	70 09.8	81	1
100	3555	GOS 164	15	06	70	2208	4	STELLWAGEN BANK	13	1	02	42 22.8	70 04.8	94	1
100	3556	GOS 164	15	06	70	2315	4	STELLWAGEN BANK	13	1	02	42 18.3	70 04.8	115	1
100	3557	GOS 164	16	06	70	0015	4	STELLWAGEN BANK	13	1	02	42 18.2	70 09.7	73	1
100	3558	GOS 164	16	06	70	0105	4	STELLWAGEN BANK	13	1	01	42 16.0	70 14.0	35	1
100	3559	GOS 164	16	06	70	0153	4	E OF WILDCAT KNOLLS	13	1	01	42 14.0	70 08.1	73	1
100	3560	GOS 164	16	06	70	0236	4	WILDCAT KNOLLS	13	1	01	42 13.7	70 02.0	104	1
100	3561	GOS 164	16	06	70	0321	4	OFF CAPE COD	13	1	01	42 09.9	70 01.6	134	1
100	3562	GOS 164	16	06	70	0414	4	OFF CAPE COD	13	1	01	42 04.8	70 03.0	48	1
100	3563		12	07	70	1350	4	NANTUCKET BAY	19	1	01	41 17.2	70 05.5	6	2
100	3564		12	07	70	1410	4	NANTUCKET BAY	19	1	01	41 17.3	70 05.5	6	2
100	3565		12	07	70	1420	4	NANTUCKET BAY	19	1	01	41 17.4	70 05.5	6	2
100	3566		12	07	70	1425	4	NANTUCKET BAY	19	1	01	41 17.1	70 05.5	5	2
100	3567		12	07	70	1430	4	NANTUCKET BAY	19	1	01	41 17.2	70 05.5	7	2
100	3568		12	07	70	1830	4	NANTUCKET BAY	19	1	01	41 18.3	70 02.5	7	2
100	3569		12	07	70	1850	4	NANTUCKET BAY	19	1	01	41 18.5	70 02.5	8	2
100	3570		12	07	70	1905	4	NANTUCKET BAY	19	1	01	41 18.2	70 02.5	7	2
100	3571	VER 20	20	07	70	1900	4	EAST OF NAHANT	21	1	01	42 25.8	70 48.4	41	2
100	3572	VER 20	21	07	70	0853	4	BROAD SOUND	21	1	01	42 23.0	70 51.6	30	2
100	3573	VER 20	21	07	70	1345	4	SOUTH OF NAHANT	21	1	01	42 22.1	70 54.1	23	2
100	3574	VER 20	21	07	70	1450	4	SOUTH OF NAHANT	21	1	01	42 23.8	70 54.0	27	2
100	3575	VER 20	21	07	70	1550	4	NAHANT BAY	21	1	01	42 26.3	70 52.3	30	2
100	3576	VER 20	21	07	70	1715	4	SE OF SALEM	21	1	01	42 28.3	70 46.4	41	2
100	3577	VER 20	21	07	70	1935	4	DUE EAST OF NAHANT	21	1	01	42 24.8	70 50.1	32	2
100	3578	VER 20	21	07	70	2035	4	NORTHEAST OF HULL	21	1	01	42 20.1	70 48.3	34	2
100	3579	VER 20	22	07	70	0800	4	W OF BOSTON LIGHTSHIP	21	1	01	42 20.2	70 50.3	23	2
100	3580	VER 20	22	07	70	1125	4	NW OF MINOT'S LIGHT	21	1	01	42 18.1	70 49.2	20	2
100	3581	VER 20	22	07	70	1213	4	SE BOSTON LIGHTSHIP	21	1	01	42 18.4	70 46.4	19	2
100	3582	VER 20	22	07	70	1305	4	N OF BOSTON LIGHTSHIP	21	1	01	42 21.1	70 45.5	36	2
100	3583	VER 20	22	07	70	1620	4	E OF GRAVES LIGHT	21	1	01	42 21.8	70 48.7	34	2
100	3584	VER 20	22	07	70	1750	4	WEST OF BROADSOUND	21	1	01	42 23.6	70 47.0	35	2
100	3585	VER 20	22	07	70	2101	4	WEST OF NAHANT	21	1	01	42 25.9	70 48.2	41	2
100	3586	VER 20	23	07	70	2110	4	SE NEWCOMB LEDGE	21	1	01	42 30.2	70 44.2	47	2
100	3587	VER 20	23	07	70	2159	4	SW OF CAPE ANN	21	1	01	42 32.2	70 41.9	46	2
100	3588	VER 20	23	07	70	2300	4	ESE OF MARBLEHEAD	21	1	01	42 27.5	70 40.8	65	2
100	3589	VER 20	24	07	70	0720	4	EAST OF BROAD SOUND	21	1	01	42 23.7	70 40.3	64	2
100	3590	VER 26	10	08	70	1630	4	EAST OF BROAD SOUND	21	1	01	42 20.78	70 41.91	45	2
100	3591	VER 26	10	08	70	2200	4	EAST OF NAHANT	21	1	01	42 25.85	70 46.0		
100	3592	VER 26	11	08	70	1325	4	OFF MARBLEHEAD	21	1	01	42 29.75	70 45.9	43	2
100	3593	VER 26	11	08	70	1500	4	SE OF MARBLEHEAD	21	1	01	42 26.7	70 51.6	34	2
100	3594	VER 26	12	08	70	1106	4	EAST OF GRAVES	21	1	01	42 22.5	70 48.6	21	2
100	3595	VER 26	12	08	70	1915	4	W OF HARDINGS LEDGE	21	1	01	42 18.33	70 47.00	16	2
100	3605	VER 29	14	09	70	1650	4	ESE OF STRAWBERRY PT.	21	1	01	42 15.7	70 43.2		
100	3606	VER 29	14	09	70	2145	4	NANTASKET ROADS	21	1	01	42 19.3	70 53.55	10	2
100	3607	VER 29	15	09	70	1115	4	N OF BOSTON LIGHTSHIP	21	1	01	42 22.5	70 45.15	31	2
100	3608	VER 29	15	09	70	1610	4	SOUTH OF GLOUCESTER	21	1	02	42 30.28	70 40.92	54	2
100	3609	VER 29	15	09	70	2105	4	OFF CAPE ANN	21	1	02	42 38.5	70 31.2	78	2
100	3610	VER 29	16	09	70	1040	4	SOUTHEAST OF CAPE ANN	21	1	02	42 31.07	70 28.5	78	2
100	3611	VER 29	16	09	70	1330	4	STELLWAGEN BANK	21	1	02	42 26.73	70 33.75	50	2
100	3612	VER 29	16	09	70	1600	4	STELLWAGEN BASIN	21	1	02	42 24.4	70 34.8	90	2
100	3613	VER 29	16	09	70	1820	4	STELLWAGEN BANK	21	1	02	42 24.7	70 27.4	31	2
100	3614	VER 29	17	09	70	1410	4	E OF BOSTON LIGHTSHIP	21	1	01	42 20.78	70 41.91	45	2
100	3615	VER 29	17	09	70	1640	4	E OF GRAVES	21	1	01	42 25.85	70 46.0		
100	3616	VER 29	17	09	70	2310	4	STELLWAGEN BASIN	21	1	02	42 11.3	70 27.2	64	2
100	3617	VER 29	18	09	70	1050	4	NEAR FISHING LEDGE	20	1	02	41 56.45	70 19.22	37	2
100	3618	VER 41	19	10	70	1015	4	S OF CAPE COD CANAL	19	1	03	41 41.5	70 40.		
100	3619	VER 41	19	10	70	1130	4	N OF CAPE COD CANAL	20	1	03	41 47.	70 30.		
100	3620	VER 41	19	10	70	1235	4	N OF CAPE COD CANAL	20	1	03	41 52.	70 30.		
100	3621	VER 41	19	10	70	2100	4	PRESIDENT ROADS	21	1	01	42 20.3	70 57.7	20	2
100	3622	VER 41	20	10	70	2037	4	OFF NAHANT	21	1	02	42 17.95	70 35.	65	2
100	3623	VER 41	21	10	70	0910	4	OFF NAHANT	21	1	01	42 25.85	70 46.0		
100	3624	VER 41	21	10	70	1400	4	EAST OF SCITUATE	21	1	02	42 13.5	70 38.5	25	2
100	3625	VER 41	21	10	70	1745	4	STELLWAGEN BASIN	21	1	02	42 17.6	70 28.2	86	2
100	3626	VER 41	21	10	70	2139	4	STELLWAGEN BANK	21	1	02	42 19.0	70 18.5	29	2
100	3627	VER 41	22	10	70	0942	4	STELLWAGEN BANK	21	1	02	42 12.8	70 16.5	24	2
100	3628	VER 41	22	10	70	1322	4	STELLWAGEN BASIN	21	1	02	42 13.7	70 27.	71	2
100	3629	VER 41	22	10	70	1743	4	NE OF GREEN HARBOR	21	1	02	42 08.	70 35.8	26	2
100	3630	VER 41	22	10	70	2004	4	NORTH OF RACE POINT	13	1	02	42 07.6	70 13.1	60	2

Code Line 110 Equipment and sediment description

Code line 110 contains information on the equipment used at the station and the shipboard description of the lithology of the sediment.

Explanation of headings

CODE # Indicates that the line contains the type of data characterized by code 110.

STATION # As described under code 100 above.

EQUIPMENT USED Word description of the type of equipment used in obtaining the sample.

EQUIPMENT CODE Numerical code for the equipment used

1 = Campbell grab with camera
2 = Campbell grab without camera
3 = Smith-McIntyre grab with camera
4 = Smith-McIntyre grab without camera
5 - Van Veen Grab
6 = Miniature Van Veen Grab
7 = Dietz-LaFond Snapper
8 = Scoopfish
10 = Pipe dredge
11 = Chain bag dredge, 33 inch
12 = Digby dredge
13 = Anchor dredge
14 = Pratt pipe dredge
15 = Pipe dredge, 3 inch
16 = Modified Pierce dredge
17 = Pierce dredge
18 = Chain bag dredge plus 3 inch pipe dredge
19 = Pratt pipe dredge plus 3 inch pipe dredge
20 = Gravity corer
21 = Piston corer
22 = Boomerang corer
30 = Box sampler
40 = Plankton net, 3/4 meter
41 = Plankton net, 1 meter
42 = Ring net
50 = 1 meter dredge
51 = Rocker dredge
52 = Scallop dredge
53 = Bottom skimmer
55 = Naturalist's dredge
60 = Edgerton camera
70 = Otter trawl
71 = Isaac-Kiddie midwater trawl
90 = Water pump sample
99 = Miscellaneous

In the above code 1-9 = grab samplers, 10-19 = dredges, 20-29 = corers, 30-39 = box samplers, 40-49 = plankton samplers, 50-59 = biological dredges, 60 Edgerton camera.

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LITHOLOGY — Word description of the non-biologic part of the sample (see page 467 for list of abbreviations used). Where colors are described, a hyphen should be read as the word "to" meaning that the material varied between the colors given.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
110	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Equipment used	21-44	A	24
	Equipment Code	46,47	A	2
	Lithology	51-119	A	69

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	A002	DIGBY DREDGE	12	GRANULE-BOULDER
110	A003	1 METER PLANKTON NET	41	COARSE SAND
110	A012	DIGBY DREDGE	12	MEDIUM SAND
110	A015	DIGBY DREDGE	12	MEDIUM SAND
110	A016	DIGBY DREDGE	12	MEDIUM SAND
110	A020	DIGBY DREDGE	12	VERY FINE SAND
110	A023	DIGBY DREDGE	12	SILT-CLAY
110	A026	DIGBY DREDGE	12	GRANULE-BOULDER
110	A028	DIGBY DREDGE	12	GRANULE-BOULDER
110	A036	DIGBY DREDGE	12	MEDIUM SAND
110	A037A	1 METER PLANKTON NET	41	VERY COARSE SAND
110	A038	DIGBY DREDGE	12	GRANULE-BOULDER
110	A040	DIGBY DREDGE	12	SILT-CLAY
110	A041	DIGBY DREDGE	12	SILT-CLAY
110	A042	DIGBY DREDGE	12	SILT-CLAY
110	A044	DIGBY DREDGE	12	FINE SAND
110	A045	DIGBY DREDGE	12	MEDIUM SAND
110	A046	DIGBY DREDGE	12	FINE SAND
110	A047	DIGBY DREDGE	12	MEDIUM SAND
110	A048	DIGBY DREDGE	12	MEDIUM SAND
110	A052	DIGBY DREDGE W/ CNVS BAG	12	NO DESCRIPTION
110	A055	DIGBY DREDGE W/ CNVS BAG	12	COARSE SAND
110	B003	SMITH MCINTYRE GRAB	4	NO DESCRIPTION
110	B005	SMITH MCINTYRE GRAB	4	NO DESCRIPTION
110	D003	DIETZ-LAFOND SNAPPER	7	SAND AND PEBBLES
110	D007	SCOOP FISH	8	SAND AND SHELL
110	D009	SCOOP FISH	8	GRAVEL,SAND AND PEBBLES
110	E001	ANCHOR DREDGE	13	NO DESCRIPTION
110	E002	ANCHOR DREDGE	13	NO DESCRIPTION
110	E003	ANCHOR DREDGE	13	GREY MUD
110	E004	ANCHOR DREDGE	13	NO DESCRIPTION
110	E005	ANCHOR DREDGE	13	NO DESCRIPTION
110	E006	ANCHOR DREDGE	13	NO DESCRIPTION
110	E007	ANCHOR DREDGE	13	NO DESCRIPTION
110	E008	ANCHOR DREDGE	13	NO DESCRIPTION
110	E009	ANCHOR DREDGE	13	NO DESCRIPTION
110	E010	ANCHOR DREDGE	13	NO DESCRIPTION
110	E011	ANCHOR DREDGE	13	NO DESCRIPTION
110	E012	ANCHOR DREDGE	13	DREDGE BADLY SCRAPED,MN NODULES ONLY ON 1MM SIEVE,NO CORAL
110	E013	ANCHOR DREDGE	13	NO DESCRIPTION
110	E014	ANCHOR DREDGE	13	NO DESCRIPTION
110	E015	ANCHOR DREDGE	13	NO DESCRIPTION
110	E016	ANCHOR DREDGE	13	NO DESCRIPTION
110	E017	ANCHOR DREDGE	13	NO DESCRIPTION
110	E018	ANCHOR DREDGE	13	SOFT GY MUD ON INDURATED LIGHT CREAM CLAY
110	E019	ANCHOR DREDGE	13	GREY-GREEN MUDDY SAND
110	H001			RED BROWN GRAVELLY ALLUVIUM, C HORIZON
110	H002			BROWN LAYER B HORIZON
110	H003			GRAY BROWN SAND
110	H004			YELLOW BROWN SANDY ALLUVIUM
110	H005			BRN CLAYEY SAND IN LENSES WITH BROWN SAND
110	H006			GRAY SAND SOME CLAY
110	H007	SMALL VAN VEEN	5	GRAVEL
110	H008			FINE GRAVEL
110	H009			YELLOW BROWN LOAM MUCH GRANITIC GRAVEL B HORIZON
110	H010			SOIL, C, POSSIBLY B HORIZON, ON SCHIST
110	H011			HARD LIGHT GRAY CLAY
110	H012			HORIZONS A + B - BROWN LOAM
110	H013	SMALL VAN VEEN	5	GRAY BROWN MUD
110	H014	SMALL VAN VEEN	5	GRAVEL,COARSE SAND FINE CLAY,BROKEN GLASS,ORGANIC MATTER
110	H015			MOTTLED OLIVE TO BROWN CLAY
110	H016	SMALL VAN VEEN	5	MEDIUM GRAVEL
110	H017			LT GRAY SLTY CL LAMINATED,IRON STAINED
110	H018			MED GRAY CLAY WITH SOME CROSS BEDDED SILT LAYERS
110	H019			FINE SDY ALLUV BUFF COLORED
110	H020			DARK MOTTLED SILTY MUD
110	H021			DARK BROWN PEATY-CLAY LAYER
110	H022			SANDY SILT FROM ALLUVIUM, DARK BROWN ORGANIC LAYER
110	H023			SAND,SILT,ORGANIC LAYER,PROBABLY SOME CLAY
110	H024			GRAY SILTY CLAY, A1 + 2 HORIZON
110	H025			RED BROWN WEATHERED GRAVELLY SAND AND SILT, B HORIZON
110	H026			GRAVELLY SAND, PARTIALLY WEATHERED, C HORIZON
110	H027			COBBLE,WEATHERED TO GRAY CLAY
110	H028			ALLUVIUM
110	H029			ALLUVIUM
110	H030			ALLUVIUM,DARK SOIL,MANY ROOTLETS,PROBABLY CONSIDERABLE ORGANIC MT.
110	H031			SILTY ALLUVIUM
110	H032			SANDY ALLUVIUM
110	H033			ALLUVIUM
110	H034			CLAYEY ALLUVIUM
110	H035			ALLUVIUM
110	H036			ALLUVIUM, CLAY AND SAND
110	H037			CLAYEY ALLUVIUM
110	H038			TIDAL FLAT MUD
110	H039			PROBABLY ARTIFICIAL FILL BUT REPRESENTS NEARBY ALLUVIUM
110	H040			SANDY ALLUVIUM
110	H041			GRAY CLAY WITH THIN LAYER BROWN CLAY ON SURFACE
110	H042			VERY STIFF RED BROWN CLAY, MOTTLED WITH GRAY
110	H043			CLAYEY ALLUVIUM
110	H044			SANDY ALLUVIUM

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	H045			CLAYEY ALLUVIUM
110	H046			CLAYEY ALLUVIUM
110	H047			CLAYEY SWAMP SOIL
110	H048	SMALL VAN VEEN	5	COARSE SAND
110	H049			MUD
110	H050			MUD
110	H051			MUD
110	H052	SMALL VAN VEEN	5	SOFT CLAYEY SILT,ORANGE OXIDIZED LAYER ON SURFACE
110	H053			ALLUVIUM
110	H054			MUD, MUCH ALGAL SCUM
110	H055	SMALL VAN VEEN	5	CLAY,SAND,GRAVEL
110	H056			SWAMP SOIL
110	H057			CLAY, ALGAL SCUM
110	H058	SMALL VAN VEEN	5	WHITE SAND
110	H059			SWAMP SOIL
110	H060			WHITE MEDIUM SAND
110	H061	SMALL VAN VEEN	5	SAND,SILT,CLAY
110	H062			WHITE SAND
110	H063			ORANGE-BROWN PORPHYRITIC VOLCANIC ROCK
110	H064			COARSE GRAINED GRANITIC LOOKING ROCK
110	H065			FELSITE
110	H066			FELSITE
110	H077			GRANITE
110	H088			GRANITIC ROCK
110	H089			•
110	H090			METAMORPHIC-LIKE SILICATES
110	H091			COARSE BROWN WELL SORTED SAND
110	H092			•
110	H093			•
110	H094			GRAVEL AND SAND
110	H095			PINK GRANITE
110	H096			•
110	H097			•
110	H098			•
110	H099			COLUMNULAR JOINTED QUARTZ-BIOTITE SCHIST
110	H100			GREEN GRAVEL
110	H101			FLAT SCHIST
110	H102			GRAVEL
110	H103			STREAM GRAVEL
110	H104			•
110	H105			RIVER GRAVEL
110	H106			SCHIST AND GRANITIZED SCHIST
110	H107			SCHIST
110	H108			GREY-WHITE DENSE BANDED LIMESTONE
110	H109			BIOTITE AND GRANITIC ROCK
110	H110			GRAVEL
110	H111			METAMORPHIC,GRANITIC,AND QUARTZITE GRAVEL
110	H112			SCHIST
110	H113			GRANITIC OUTWASH GRAVEL
110	H114			QUARTZITIC ROCK
110	H115			PINK GRANITE
110	H116			•
110	H117			BEACH GRAVEL AND SAND
110	H118			•
110	H119			PINK GRANITE
110	H120			GLACIAL TILL W/ SAND
110	H121			BEACH SAND AND SHELLS
110	H122			MASSIVE PYROXENITE
110	H123			MASSIVE PYROXENITE
110	H124			BEACH SAND
110	H125			SLATE
110	H126			BEDDED BRECCIA,ANDESITE
110	H127			TRIASSIC(QUERY) CONGLOMERATE AND RED ARKOSIC SANDSTONE
110	H128			BROKEN SLATE
110	H129			RED ARKOSIC SANDSTONE
110	H130			BEACH GRAVEL
110	H131			GREENSTONE AND BEACH SAND
110	H132			MASSIVE RED THIN BEDDED SANDSTONE
110	H133			CONGLOMERATE
110	H134			GRANITE
110	H135			VOLCANIC GREENSTONE
110	H136			RED TRIASSIC BEDS
110	H137			REDDISH ANDESITE/GRANITE
110	H138			PALEOZOIC VOLCANICS
110	H139			MASSIVE GRANITE
110	H140			RIVER GRAVEL
110	H141			•
110	H142			GRAVEL
110	H143			GRAVEL
110	H144			•
110	H145			GLACIAL OUTWASH,GRAVELLY SAND
110	H146			GLACIAL OUTWASH,LT BROWN SAND
110	H147 A			SAND
110	H147 B			VERY CLAYEY SAND
110	H147 C			SAND
110	H147 D			GRAVELLY SAND
110	H148			MORAINE SAMPLE
110	H149			LIGHT BROWN,SLIGHTLY GRAVELLY SAND
110	H150			GRAVELLY SAND
110	H151			HARDPAN OVERLYING GRAVEL

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	M024A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT-CLAY,GRAVEL
110	M024B	DIETZ-LAFOND SNAPPER	7	OLIVE SILT-CLAY,GRAVEL
110	M025A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT,CLAY,GRAVEL
110	M026A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M027A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BLACK GRAVELLY SAND
110	M028A	SMITH-MCINTYRE W/BCAMERA	4	BROWN SILT CLAY
110	M029A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M030A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT-CLAY,GRAVEL
110	M031A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT-CLAY,GRAVEL
110	M031B	DIETZ-LAFOND SNAPPER	7	OLIVE SILT-CLAY
110	M032A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M033A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M034B	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	M035A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	M036A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT,CLAY,GRAVEL
110	M037A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY
110	M038A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY,SAND
110	M039A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M040A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M041A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE-BROWN-BLK GRAVELLY SILT
110	M042A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT-CLAY
110	M043A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT-CLAY,GRAVEL
110	M044A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT-CLAY,GRAVEL
110	M045A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SAND,SILT,GRAVEL
110	M046A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	M047A	SMITH-MCINTYRE W/BCAMERA	4	VARIED,90% DEAD SHELL
110	M048A	SMITH-MCINTYRE W/BCAMERA	4	95% SHELL,WHITE-BROWN
110	M049A	DIETZ-LAFOND SNAPPER	7	WHITE-OLIVE SAND-SHELL
110	M050A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE FINE SAND
110	M051C	DIETZ-LAFOND SNAPPER	7	OLIVE BRN SLT-CLAY,SD,GRAVEL
110	M052B	DIETZ-LAFOND SNAPPER	7	OLIVE SILT-CLAY,GRAVEL
110	M053A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN BLACK-GRAY VERY FINE SAND,BROWN CLAY,GRAVEL
110	M054A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M055A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT SAND
110	M056A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M057A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT-CLAY
110	M058A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT CLAY,BLACK GRAVEL
110	M059A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT CLAY
110	M060A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M061A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SILT CLAY
110	M062A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M063A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY
110	M064A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M065A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY,GRAVEL
110	M066A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M067A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY,SOFT
110	M068A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN-BLACK GRAVELLY SAND-SILT CLAY
110	M069A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M070A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY,GRAVEL
110	M071A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M072A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY,GRAVEL
110	M073A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M074A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE VERY FINE SAND,SILT-CLAY
110	M075A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN-BLACK GRAVELLY SAND
110	M076A	SMITH-MCINTYRE W/BCAMERA	4	MOTTLED BLACK-BROWN ROCKY SAND
110	M077A	SMITH-MCINTYRE W/BCAMERA	4	BROWN SAND,PEBBLES
110	M078A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SAND-WHITE SHELL
110	M079A	SMITH-MCINTYRE W/BCAMERA	4	MOTTLED BLACK-BROWN GRAVEL-SHELL
110	M080B	DIETZ-LAFOND SNAPPER	7	OLIVE-BLACK ROCKY V.FINE SAND
110	M081A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SANDY GRAVEL
110	M082A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY,VERY STICKY
110	M083A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY,STICKY
110	M084A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	M085A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT-CLAY
110	M086A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY
110	M087A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M088A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY,VERY STICKY
110	M089A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M090A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT-CLAY GRAVEL
110	M091A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M092A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M093A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BLACK GRAVELLY SAND
110	M094A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M095A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE GRAVELLY SAND
110	M096A	DIETZ-LAFOND SNAPPER	7	BROWN BLACK SAND GRAVEL
110	M097A	SMITH-MCINTYRE W/BCAMERA	4	WHITE SHELL,BLACK GRAVEL
110	M098A	DIETZ-LAFOND SNAPPER	7	DARK BROWN SAND-GRAVEL
110	M099A	SMITH-MCINTYRE W/BCAMERA	4	BROWN-BLACK 3 INCH STONES
110	M099C	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND,SOME GRAVEL
110	M100B	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN,GRAVELLY-STICKY
110	M101A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M102A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SANDY GRAVEL
110	M103A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M104A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY,SMALL GRAVEL
110	M105A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT,CLAY,GRAVEL
110	M106A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT-CLAY
110	M107A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE SANDY SILT
110	M108A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M109A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT CLAY
110	M110A	SMITH-MCINTYRE W/BCAMERA	4	OLIVE BROWN SILT,CLAY,GRAVEL

MSG06 . . 5002

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	M111A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE SILT-CLAY
110	M112A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE SILT,SAND,GRAVEL
110	M113A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE SILT CLAY
110	M114A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE BROWN SAND,SILT,SOME GRAVEL
110	M115A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAVELLY SAND,SOME PEBBLES
110	M116A	SMITH-MCINTYRE W/0CAMERA	4	OLIVE BLACK SILT-CLAY,SAND+GRAVEL
110	M117A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT-CLAY
110	M118A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	M119A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN GRAVELLY SAND
110	M120A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	M121A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	N002A	DIETZ-LAFOND SNAPPER	7	YELLOW SAND
110	N003A	DIETZ-LAFOND SNAPPER	7	GRAY WHITE FINE SAND
110	N004A	DIETZ-LAFOND SNAPPER	7	OLIVE FINE SAND
110	N005A	DIETZ-LAFOND SNAPPER	7	OLIVE FINE SAND
110	N006A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT
110	N007A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N008A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N009A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT SAND
110	N010A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT
110	N011A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N012A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N013A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N014A	DIETZ-LAFOND SNAPPER	7	GRAY BROWN FINE SAND
110	N015A	DIETZ-LAFOND SNAPPER	7	GRAY FINE SAND
110	N016A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N017A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N018A	DIETZ-LAFOND SNAPPER	7	OLIVE,STICKY SILT CLAY
110	N019A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N020A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N021A	DIETZ-LAFOND SNAPPER	7	OLIVE FINE SAND
110	N022A	DIETZ-LAFOND SNAPPER	7	OLIVE SANDY SILT,SHELLY
110	N023A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N024A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N025A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N026A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY SAND
110	N027A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N028A	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N029A	DIETZ-LAFOND SNAPPER	7	WHITE BLACK FINE SAND
110	N030A	DIETZ-LAFOND SNAPPER	7	BROWN FINE SAND
110	N031A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT
110	N032A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND SILT
110	N033A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N034A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N035A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N036A	DIETZ-LAFOND SNAPPER	7	OLIVE SANDY SILT
110	N037A	DIETZ-LAFOND SNAPPER	7	OLIVE SANDY SILT
110	N038A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N039A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N040A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N041A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N042A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N043A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND SILT CLAY
110	N044A	DIETZ-LAFOND SNAPPER	7	REDDISH BROWN MEDIUM SAND
110	N045A	DIETZ-LAFOND SNAPPER	7	RUSSET SAND
110	N046A	DIETZ-LAFOND SNAPPER	7	TAN MEDIUM-FINE SAND
110	N047A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N048A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N049A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N050A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N051A			OLIVE SILT CLAY
110	N052A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N053A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N054A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N055A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N056A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SOME SILT
110	N057A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N058A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N059A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N060A	DIETZ-LAFOND SNAPPER	7	OLIVE SAND,SILT,CLAY
110	N061	SMITH-MCINTYRE W/0CAMERA	4	-
110	N062	SMITH-MCINTYRE W/0CAMERA	4	RUSTY BROWN MD-FINE SAND
110	N063	SMITH-MCINTYRE W/0CAMERA	4	TAN FINE SHELL SAND
110	N064A	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SAND,SILT,CLAY
110	N065A	DIETZ-LAFOND SNAPPER	7	OLIVE SILT CLAY
110	N066A	DIETZ-LAFOND SNAPPER	7	YELLOW TAN SANDY GRAVEL
110	N067A	DIETZ-LAFOND SNAPPER	7	TAN FINE SAND
110	N103	DIETZ-LAFOND SNAPPER	7	YELLOW SAND,WHITE SHELL
110	N106	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND,S/SHELL
110	N110	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN SILT CLAY
110	N128	DIETZ-LAFOND SNAPPER	7	WHITE FINE SAND+SHELL
110	N130	DIETZ-LAFOND SNAPPER	7	WHITE FINE SAND
110	N133	DIETZ-LAFOND SNAPPER	7	WHITE FINE SAND+SHELL
110	N140	DIETZ-LAFOND SNAPPER	7	GRAY WHITE FINE SAND
110	N145	DIETZ-LAFOND SNAPPER	7	OLIVE FINE SAND
110	N148	DIETZ-LAFOND SNAPPER	7	OLIVE CLAY TO PEBBLES
110	N151	DIETZ-LAFOND SNAPPER	7	OLIVE VERY FINE SAND
110	N153	DIETZ-LAFOND SNAPPER	7	YELLOW MEDIUM SAND
110	N164	DIETZ-LAFOND SNAPPER	7	BROWN+TAN PEBBLES
110	P001	VAN VEEN GRAB	5	SAND

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	H152			SILTY SAND OVERLYING H151
110	H153			SILTY SAND 1 INCH ABOVE H152
110	H154			SALT MARSH CORE,SILTY CLAY
110	H155			RED TRIASSIC SHALE
110	H156			CLAY
110	H157			GRAY CLAY FROM SMALL LENTICULAR MASSES IN MIOCENE GREEN SAN
110	H158			BROWN SILTY MUD FROM WOODED MARSH
110	L001			MEDIUM SHELL SAND
110	L002			MEDIUM SHELL SAND
110	L003			•
110	L004			•
110	L005			COARSE SHELL SAND
110	L006			SHELL SAND
110	L007			•
110	L008			•
110	L009			•
110	L010			SHELL SAND
110	L011			SHELL SAND
110	L012			FINE SHELL SAND
110	L013			MEDIUM SHELL SAND
110	L014			COARSE SHELL SAND
110	L015			COARSE SHELL SAND
110	L016			FINE SHELL SAND
110	L017			FINE SHELL SAND
110	L018			COARSE SHELL SAND
110	L019			COARSE-FINE SHELL SAND
110	L020			FINE SHELL SAND
110	L021			FINE SAND,SHELL,QUARTZ
110	L022			FINE SAND,SHELL,QUARTZ
110	L023			COARSE SHELL + QUARTZ
110	L024			COARSE SHELL + SAND
110	L025			COARSE SHELL + QUARTZ
110	L026			FINE QUARTZ
110	L027			FINE QUARTZ
110	L028			MEDIUM FINE SHELL,QUARTZ
110	L029			COARSE SHELL SAND
110	L030			FINE QUARTZ SAND
110	L031			FINE QUARTZ SAND
110	L032			MEDIUM QUARTZ,SHELL SAND
110	L033			COARSE-FINE SHELL+QUARTZ SAND
110	L034			VERY COARSE SHELL SAND,QUARTZ
110	L035			CLEAN FINE QUARTZ SAND
110	L036			COARSE-FINE QUARTZ,SHELL SAND
110	L037			MEDIUM-FINE QUARTZ SAND,SHELL
110	L038			CLEAN FINE QUARTZ SAND,SHELL
110	L039			CLEAN FINE QUARTZ SAND,SHELL
110	L040			•
110	L041			CLEAN FINE QUARTZ SAND,SHELL
110	L042			CLEAN FINE QUARTZ SAND,SHELL
110	L043			CLEAN FINE QUARTZ SAND,SHELL SAND
110	L044			VERY COARSE-FINE QUARTZ,SHELL
110	L045			MEDIUM-FINE QUARTZ SAND
110	L046			CLEAN FINE QUARTZ SAND
110	L047			CLEAN FINE QUARTZ SAND
110	L048			COARSE-FINE QUARTZ,SHELL SAND
110	L049			CLEAN FINE QUARTZ SAND
110	L050			MEDIUM QUARTZ,SHELL SAND
110	L051			CLEAN FINE QUARTZ SAND
110	L052			FINE QUARTZ SAND
110	L053			COARSE-FINE QUARTZ,SHELL SAND
110	L054			COARSE-FINE QUARTZ,SHELL SAND
110	L055			MEDIUM QUARTZ SAND,SHELL
110	L056			CLEAN FINE QUARTZ SAND
110	L057			MEDIUM QUARTZ SAND
110	L058			CLEAN FINE QUARTZ SAND
110	L059			CLEAN FINE QUARTZ SAND
110	L060			CLEAN FINE QUARTZ SAND
110	L061			MEDIUM QUARTZ + SHELL SAND
110	L062			MEDIUM-FINE QUARTZ SAND
110	L063			VERY COARSE-FINE QUARTZ + SHELL SAND
110	L064			CLEAN FINE QUARTZ SAND
110	L065			COARSE-FINE QUARTZ + SHELL SAND
110	L066			CLEAN FINE QUARTZ SAND
110	L067			CLEAN FINE QUARTZ SAND
110	L068			CLEAN FINE QUARTZ SAND
110	L069			MEDIUM QUARTZ + SHELL SAND
110	L070			CLEAN FINE QUARTZ + SHELL SAND
110	L071			COARSE FINE QUARTZ + SHELL SAND
110	L072			COARSE FINE QUARTZ + SHELL SAND
110	L073			CLEAN FINE QUARTZ + SHELL SAND
110	L074			MEDIUM FINE QUARTZ SAND
110	L075			MEDIUM FINE QUARTZ SAND
110	L076			MEDIUM FINE QUARTZ SAND
110	L077			COARSE-FINE QUARTZ SAND
110	L078			CLEAN MEDIUM QUARTZ SAND
110	L079			CLEAN MEDIUM QUARTZ SAND
110	L080			COARSE-FINE QUARTZ SAND
110	L081			CLEAN FINE QUARTZ SAND
110	L082			MEDIUM FINE QUARTZ SAND
110	L083			CLEAN MEDIUM QUARTZ SAND

MCG06-05002

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	L084			CLEAN FINE SHELL,QUARTZ SAND
110	L085			MUD + SILT,ORGANIC MATTER
110	L086			COARSE-FINE QUARTZ SAND
110	L087			-
110	L088			MEDIUM-COARSE QUARTZ SAND
110	L089			CLEAN FINE QUARTZ SAND
110	L090			CLEAN FINE QUARTZ SAND
110	L091			CLEAN MEDIUM QUARTZ SAND
110	L092			CLEAN FINE QUARTZ SAND
110	L093			MEDIUM-FINE QUARTZ SAND
110	L094			MEDIUM-FINE QUARTZ SAND
110	L095			FINE CLEAN QUARTZ SAND
110	L096			FINE CLEAN QUARTZ SAND
110	L097			FINE CLEAN QUARTZ SAND
110	L098			MEDIUM-FINE QUARTZ SAND
110	L099			GRAVEL,COARSE QUARTZ SAND
110	L100			FINE-MEDIUM QUARTZ SAND,RICH IN HEAVIES
110	L101			FINE CLEAN QUARTZ SAND
110	L102			FINE CLEAN QUARTZ SAND
110	L103			FINE CLEAN QUARTZ SAND
110	L104			MEDIUM QUARTZ SAND
110	L105			FINE CLEAN QUARTZ SAND
110	L106			FINE CLEAN QUARTZ SAND
110	L107			MEDIUM QUARTZ SAND
110	L108			FINE QUARTZ
110	L109			MEDIUM CLEAN QUARTZ SAND
110	L110			MEDIUM CLEAN QUARTZ SAND
110	L111			COARSE SAND,GRAVEL
110	L112			COARSE QUARTZ SAND
110	L113			CLEAN FINE QUARTZ SAND
110	L114			CLEAN FINE QUARTZ SAND
110	L115			CLEAN MEDIUM QUARTZ SAND
110	L116			CLEAN MEDIUM QUARTZ SAND
110	L117			COARSE QUARTZ SAND
110	L118			MEDIUM QUARTZ SAND
110	L119			VERY COARSE QUARTZ SAND
110	L120			BEACH SAND,MID TIDE LEVEL
110	L121			BEACH SAND,MID TIDE LEVEL
110	L122			BEACH SAND,MID TIDE LEVEL
110	L123			BEACH SAND,MID TIDE LEVEL
110	L124			BEACH SAND,MID TIDE LEVEL
110	L125			BEACH SAND,MID TIDE LEVEL
110	L126			BEACH SAND,MID TIDE LEVEL
110	L127			BEACH SAND,MID TIDE LEVEL
110	L128			BEACH SAND,MID TIDE LEVEL
110	L129			BEACH SAND,MID TIDE LEVEL
110	L130			BEACH SAND,MID TIDE LEVEL
110	L131			BEACH SAND
110	L132			BEACH SAND
110	L133			BEACH SAND
110	L134			BEACH SAND
110	L135			BEACH SAND
110	L136			BEACH SAND
110	L137			BEACH SAND
110	L138			BEACH SAND
110	L139			BEACH SAND
110	L140			BEACH SAND
110	L141			BEACH SAND
110	L142			BEACH SAND
110	L143			BEACH SAND
110	L144			BEACH SAND
110	L145			BEACH SAND
110	L146			BEACH SAND
110	L147			BEACH SAND
110	L148			BEACH SAND
110	L149			BEACH SAND
110	L150			BEACH SAND
110	L151			BEACH SAND
110	L152			BEACH SAND
110	M001A	SMITH-MCINTYRE GRAB	4	OLIVE SILT-CLAY
110	M002B	DIGBY DREDGE	12	-
110	M003A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT CLAY
110	M005A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT-CLAY
110	M006A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT-CLAY-GRAVEL
110	M007A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT CLAY
110	M008A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT CLAY
110	M009A	SMITH-MCINTYRE GRAB	4	OL.BRN.PEBLY SLT,IGNEOUS ROCK
110	M010A	SMITH-MCINTYRE GRAB	4	OLIVE BROWN SILT CLAY
110	M011A	SMITH-MCINTYRE GRAB	4	OLIVE SILT CLAY GRAVEL
110	M012A	SMITH-MCINTYRE GRAB	4	OLIVE SILT-CLAY
110	M013A	DIETZ-LAFOND SNAPPER	7	OLIVE SANDY SILT
110	M014B	DIETZ-LAFOND SNAPPER	7	OLIVE SANDY SILT
110	M016A	SMITH-MCINTYRE GRAB	4	OLIVE SOFT CLAY,GRAVEL
110	M017A	DIETZ-LAFOND SNAPPER	7	OLIVE FINE SAND
110	M019A	DIETZ-LAFOND SNAPPER	7	OL.GN-BLK V.FN.SD+PEBBLES
110	M019B	DIETZ-LAFOND SNAPPER	7	OLIVE GREEN V FN.SAND+SILT
110	M020A	SMITH-MCINTYRE W/OCAMERA	4	OLIVE GREEN VERY FINE SAND
110	M021B	DIETZ-LAFOND SNAPPER	7	OLIVE BROWN GRAVEL,SAND
110	M022A	SMITH-MCINTYRE W/OCAMERA	4	OLIVE BROWN SILT-CLAY,GRAVEL
110	M023A	SMITH-MCINTYRE W/OCAMERA	4	OLIVE SILT-CLAY

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	P002	VAN VEEN GRAB	5	NO DESCRIPTION
110	P003	VAN VEEN GRAB	5	NO DESCRIPTION
110	P004	VAN VEEN GRAB	5	NO DESCRIPTION
110	P005	VAN VEEN GRAB	5	NO DESCRIPTION
110	P006	VAN VEEN GRAB	5	NO DESCRIPTION
110	P007	VAN VEEN GRAB	5	NO DESCRIPTION
110	P008	VAN VEEN GRAB	5	NO DESCRIPTION
110	P009	VAN VEEN GRAB	5	NO DESCRIPTION
110	P010	VAN VEEN GRAB	5	NO DESCRIPTION
110	P011	VAN VEEN GRAB	5	NO DESCRIPTION
110	P012	VAN VEEN GRAB	5	NO DESCRIPTION
110	P013	VAN VEEN GRAB	5	NO DESCRIPTION
110	P014	VAN VEEN GRAB	5	NO DESCRIPTION
110	P015	VAN VEEN GRAB	5	NO DESCRIPTION
110	P016	VAN VEEN GRAB	5	NO DESCRIPTION
110	P017	VAN VEEN GRAB	5	NO DESCRIPTION
110	P018	VAN VEEN GRAB	5	NO DESCRIPTION
110	P019	VAN VEEN GRAB	5	NO DESCRIPTION
110	P020	VAN VEEN GRAB	5	NO DESCRIPTION
110	P021	VAN VEEN GRAB	5	NO DESCRIPTION
110	P022	VAN VEEN GRAB	5	NO DESCRIPTION
110	S002	SMITH-MCINTYRE W/0CAMERA	4	OLIVE-GRAY SAND
110	S003	SMITH-MCINTYRE W/0CAMERA	4	GRAY-BROWN CLAYEY-SILT
110	S005	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY SILTY-CLAY
110	S007	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY SILTY-CLAY
110	S009	SMITH-MCINTYRE W/0CAMERA	4	GRAY-BROWN SAND
110	S012	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY SAND-SILT-CLAY
110	S014	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY CLAYEY SILT
110	S017	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SAND-SILT-CL
110	S021	SMITH-MCINTYRE W/0CAMERA	4	LIGHT GRAY SAND
110	S024	SMITH-MCINTYRE W/0CAMERA	4	PALE OLIVE SAND
110	S026	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SAND
110	S028	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN GRAVELLY-SAND
110	S030	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN GRAVELLY-SAND
110	S032	SMITH-MCINTYRE W/0CAMERA	4	PALE OLIVE SAND-SILT-CLAY
110	S034	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY CLAYEY SILT
110	S036	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SILTY SAND
110	S041	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAY SANDY-GRAVEL
110	S057	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY GRAVEL
110	S059	SMITH-MCINTYRE W/0CAMERA	4	WHITE SANDY GRAVEL
110	S061	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SAND
110	S072	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SAND
110	S074	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SAND
110	S078	SMITH-MCINTYRE W/0CAMERA	4	PALE OLIVE SANDY-GRAVEL
110	S080	SMITH-MCINTYRE W/0CAMERA	4	PALE OLIVE SAND
110	S083	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SANDY-GRAVEL
110	S085	SMITH-MCINTYRE W/0CAMERA	4	WHITE SAND
110	S088	DIGBY DREDGE	12	LIGHT BROWN GRAY GRAVEL
110	S094	SMITH-MCINTYRE W/0CAMERA	4	WHITE SAND
110	S096	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY GRAVELLY-SAND
110	S100	SMITH-MCINTYRE W/0CAMERA	4	LIGHT GRAY SAND
110	S102	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY GRAVELLY-SAND
110	S108	SMITH-MCINTYRE W/0CAMERA	4	GRAY SANDY-GRAVEL
110	S110	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SILTY-SAND
110	S112	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAY SANDY-GRAVEL
110	S114	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN SAND-SILT-CLAY
110	S116	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAY CLAYEY SAND
110	S118	SMITH-MCINTYRE W/0CAMERA	4	LIGHT OLIVE GRAY SILTY CLAY
110	S121	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN SILTY SAND
110	S122	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN CLAYEY SAND
110	S124	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN GRAVELLY SAND
110	S125	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY CLAYEY SAND
110	S128	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY CLAYEY SILT
110	S130	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY CLAYEY SILT
110	S136	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN SANDY GRAVEL
110	S139	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY SAND-SILT-CL,
110	S142	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN CLAYEY SILT
110	S144	DIGBY DREDGE	12	LIGHT BROWN GRAY CLAYEY-SILT
110	S146	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN GRAY CLAYEY-SILT
110	S148	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN SILTY-SAND(QUERY)
110	S150	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN GRAVELLY SAND
110	S151	SMITH-MCINTYRE W/0CAMERA	4	GRAY BROWN CLAYEY SILT
110	W001	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN COARSE SAND
110	W003	SMITH-MCINTYRE W/0CAMERA	4	OLIVE SILT-CLAY
110	W005	SMITH-MCINTYRE W/0CAMERA	4	OLIVE SILT-CLAY
110	W007	SMITH-MCINTYRE W/0CAMERA	4	OLIVE BROWN SILT CLAY
110	W009	SMITH-MCINTYRE W/0CAMERA	4	OLIVE BROWN SILT CLAY
110	W011	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAY SILT CLAY
110	W013	SMITH-MCINTYRE W/0CAMERA	4	OLIVE GRAY SANDY CLAY
110	W015	SMITH-MCINTYRE W/0CAMERA	4	DARK OLIVE MEDIUM-FINE SAND
110	W017	SMITH-MCINTYRE W/0CAMERA	4	BROWN SAND+PEBBLES
110	W019	SMITH-MCINTYRE W/0CAMERA	4	BROWN SAND+PEBBLES
110	W020	SMITH-MCINTYRE W/0CAMERA	4	TAN MEDIUM SAND
110	W021	SMITH-MCINTYRE W/0CAMERA	4	LIGHT BROWN MEDIUM SAND
110	W023	SMITH-MCINTYRE W/0CAMERA	4	BROWN COARSE SAND,ROCKS
110	W025	SMITH-MCINTYRE W/0CAMERA	4	BROWN COARSE SAND
110	W027	SMITH-MCINTYRE W/0CAMERA	4	DARK BROWN SAND+CLAY
110	W028	SMITH-MCINTYRE W/0CAMERA	4	DARK BROWN CLAY
110	W029	SMITH-MCINTYRE W/0CAMERA	4	DARK BROWN CLAY
110	W031	SMITH-MCINTYRE W/0CAMERA	4	OLIVE FINE SAND

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	W033	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN FINE SAND
110	W034	SMITH-MCINTYRE W/CAMERA	4	OLIVE FINE SAND+CLAY
110	W036	SMITH-MCINTYRE W/CAMERA	4	OLIVE FINE SAND+CLAY
110	W038	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN FINE SAND
110	W039	SMITH-MCINTYRE W/CAMERA	4	ORANGE BROWN V.COARSE SAND
110	W043	SMITH-MCINTYRE W/CAMERA	4	ORANGE BROWN V.COARSE SAND
110	W044	SMITH-MCINTYRE W/CAMERA	4	GRAY BROWN COARSE SAND
110	W046	SMITH-MCINTYRE W/CAMERA	4	GRAY-BROWN MEDIUM SAND
110	W048	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN FINE SAND
110	W049	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN FINE SAND
110	W051	SMITH-MCINTYRE W/CAMERA	4	DARK OLIVE GRAY SILT CLAY
110	W053	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN SILT,CLAY+SAND
110	W055	SMITH-MCINTYRE W/CAMERA	4	DEEP OLIVE SILT+COARSE SAND
110	W060	SMITH-MCINTYRE W/CAMERA	4	DEEP OLIVE SILT-SAND+CLAY
110	W062	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MEDIUM SAND
110	W064	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN COARSE SAND
110	W066	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN COARSE SAND
110	W068	SMITH-MCINTYRE W/CAMERA	4	GRAY MEDIUM SAND
110	W070	SMITH-MCINTYRE W/CAMERA	4	GRAY FINE SAND
110	W072	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND
110	W075	SMITH-MCINTYRE W/CAMERA	4	GRAYISH BROWN MEDIUM SAND
110	W076	SMITH-MCINTYRE W/CAMERA	4	GRAYISH BROWN MEDIUM SAND
110	W079	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND
110	W081	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND
110	W083	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND
110	W084	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MEDIUM SAND
110	W086	SMITH-MCINTYRE W/CAMERA	4	GRAY FINE SAND
110	W088	SMITH-MCINTYRE W/CAMERA	4	LIGHT GRAY FINE SAND
110	W090	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND
110	W091	SMITH-MCINTYRE W/CAMERA	4	BROWN PEBBLES
110	W093	SMITH-MCINTYRE W/CAMERA	4	BROWN GRAVEL
110	W095	SMITH-MCINTYRE W/CAMERA	4	ORANGE BROWN GRAVEL
110	W097	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN CLAY
110	W099	SMITH-MCINTYRE W/CAMERA	4	OLIVE GREEN CLAY
110	W100	SMITH-MCINTYRE W/CAMERA	4	DEEP DARK OLIVE CLAY,ROCK
110	W101	SMITH-MCINTYRE W/CAMERA	4	DARK OLIVE CLAY,ROCK
110	W102	SMITH-MCINTYRE W/CAMERA	4	DARK OLIVE GREEN SAND+SILT
110	W103	SMITH-MCINTYRE W/CAMERA	4	DARK OLIVE GREEN SAND+SILT
110	W105	SMITH-MCINTYRE W/CAMERA	4	BROWN SAND,SHELL,PEBBLES
110	W107	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND,SHELL
110	W110	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN SHELL+COARSE SAND
110	W111	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN SHELL+PEBBLES
110	W112	SMITH-MCINTYRE W/CAMERA	4	BROWN PEBBLES
110	W114	SMITH-MCINTYRE W/CAMERA	4	DARK BROWN COARSE SAND
110	W116	SMITH-MCINTYRE W/CAMERA	4	DARK OLIVE GREEN FINE SD+SILT
110	W118	SMITH-MCINTYRE W/CAMERA	4	BROWN FINE SAND+PEBBLES
110	W120	SMITH-MCINTYRE W/CAMERA	4	BROWNISH GRAY MEDIUM SAND+PEBS
110	W122	SMITH-MCINTYRE W/CAMERA	4	GRAY-GREEN SAND,BROWN PEBBLES
110	W124	SMITH-MCINTYRE W/CAMERA	4	BROWN SAND,PEBBLES,SHELL
110	W127	SMITH-MCINTYRE W/CAMERA	4	BROWN SHELL+COARSE SAND
110	W129	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND+SHELL
110	W131	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MEDIUM SAND+SHELL
110	W133	SMITH-MCINTYRE W/CAMERA	4	BROWN FINE SAND+SHELL
110	W135	SMITH-MCINTYRE W/CAMERA	4	BROWN GRAVEL
110	W136	SMITH-MCINTYRE W/CAMERA	4	DARK BROWN COARSE SAND
110	W138	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND+SHELL
110	W140	SMITH-MCINTYRE W/CAMERA	4	DARK BROWN MEDIUM SAND+SHELL
110	W144	SMITH-MCINTYRE W/CAMERA	4	BLACK+BROWN ROCKS
110	W146	SMITH-MCINTYRE W/CAMERA	4	BROWN GRAVEL+ROCKS
110	W148	SMITH-MCINTYRE W/CAMERA	4	SAND,SHELL+ROCK
110	W150	SMITH-MCINTYRE W/CAMERA	4	GRAY BROWN SAND+SHELL
110	W152	SMITH-MCINTYRE W/CAMERA	4	GRAY BROWN PEBBLES+SAND
110	W154	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN COARSE SAND
110	W157	SMITH-MCINTYRE W/CAMERA	4	PEBBLES,ROCKS+SHELL
110	W159	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN SAND+SHELL
110	W161	SMITH-MCINTYRE W/CAMERA	4	LIGHT GRAY SHELL+SAND
110	W163	SMITH-MCINTYRE W/CAMERA	4	GRAY BROWN FINE SAND+SHELL
110	W165	SMITH-MCINTYRE W/CAMERA	4	BROWN SAND+SHELL
110	W167	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND+SHELL
110	W169	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MEDIUM SAND
110	W170	SMITH-MCINTYRE W/CAMERA	4	BROWN FINE SAND+SHELL
110	W172	SMITH-MCINTYRE W/CAMERA	4	LIGHT OLIVE GREEN FINE SAND
110	W174	SMITH-MCINTYRE W/CAMERA	4	OLIVE FINE SAND
110	W176	SMITH-MCINTYRE W/CAMERA	4	OLIVE SILT+SAND
110	W178	SMITH-MCINTYRE W/CAMERA	4	OLIVE SILT+SAND
110	W180	SMITH-MCINTYRE W/CAMERA	4	GRAYISH BROWN FINE SAND
110	W181	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND
110	W182	SMITH-MCINTYRE W/CAMERA	4	BROWN FINE SAND
110	W184	SMITH-MCINTYRE W/CAMERA	4	OLIVE FINE SAND
110	W186	SMITH-MCINTYRE W/CAMERA	4	OLIVE GRAY FINE SAND+SHELL
110	W188	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND
110	W190	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND
110	W191	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND+PEBBLES
110	W195	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MD.SAND+PEBBLES
110	W197	SMITH-MCINTYRE W/CAMERA	4	BROWN MEDIUM SAND+PEBBLES
110	W200	SMITH-MCINTYRE W/CAMERA	4	LIGHT BROWN MD.SAND+PEBBLES
110	W204	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND+PEBBLES
110	W205	SMITH-MCINTYRE W/CAMERA	4	BROWN COARSE SAND+PEBBLES,TWO POCKETS OF BLK.OIL-LIKE SUBSTANCE
110	W207	SMITH-MCINTYRE W/CAMERA	4	GREENISH BROWN COARSE SAND,SOME PEBBLES
110	W209	SMITH-MCINTYRE W/CAMERA	4	OLIVE FINE SAND

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	W211	SMITH-MCINTYRE W/OCAMERA	4	OLIVE FINE SAND
110	W213	SMITH-MCINTYRE W/OCAMERA	4	OLIVE GREEN SILT
110	W215	SMITH-MCINTYRE W/OCAMERA	4	OLIVE SILT+SAND
110	W224	SMITH-MCINTYRE W/OCAMERA	4	OLIVE BROWN SILT-CLAY+GRANULES
110	W225	SMITH-MCINTYRE W/OCAMERA	4	BROWN FINE SAND+SMALL PEBBLES
110	W227	SMITH-MCINTYRE W/OCAMERA	4	BROWN GRAVEL+PEBBLES
110	W229	SMITH-MCINTYRE W/OCAMERA	4	BROWN COARSE SAND+PEBBLES

CODE	STATION		EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1000		DIETZ-LAFOND SNAPPER	7	BROWN MUD
110	1001		CAMPBELL GRAB W/O CAMERA	2	CLAM FLAT MATERIAL, DARK GRAY SANDY GRV ,SCAT. PEBBLES 3-4 IN. DIAM.
110	1002		CAMPBELL GRAB W/O CAMERA	2	MEDIUM SORTED FINE-MEDIUM LIGHT BROWN SAND WITH PATCHES DARK GRAY MUD
110	1003		CAMPBELL GRAB W/O CAMERA	2	COARSE SAND+GRV ,FEW 2-3 IN. PEBBLES+BROKEN SHELLS
110	1004		CAMPBELL GRAB W/O CAMERA	2	GRAY-BROWNISH GRAY SILTY MUD
110	1005		CAMPBELL GRAB W/O CAMERA	2	FINE SAND +SILT, LIGHT BROWN SURFACE FILM, WORM TUBES
110	1006		CAMPBELL GRAB W/O CAMERA	2	GRAY BROWN SILTY MUD, SOME FINE SAND + BROKEN SHELL FRAGMENTS
110	1007		CAMPBELL GRAB W/ CAMERA	1	UNIFORM SAND WITH ORGANIC BLACK MATRIX CLAM FLAT MATERIAL 1/4 GRAVEL
110	1008		CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN MEDIUM SAND WITH MANY BROKEN SHELLS OF COARSE SAND SIZE
110	1009		CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN MEDIUM+COARSE SAND ALMOST GRAVEL SIZE WITH BROKEN SHELLS
110	1010		CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE BROWN QTZ.SAND, SCATTERED BROKEN SHELLS
110	1011		CAMPBELL GRAB W/ CAMERA	1	GREY+ BROWN PEBBLY SAND, DARK GREY ORGANIC LAYER DEEP
110	1012		CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN FINE TO MEDIUM GRAINED UNIFORM LOOSE SAND SOME SHELL FRAG
110	1013		CAMPBELL GRAB W/ CAMERA	1	LT.BRN FN-MED SD,LRG MYT SHLS,S/ BRKN SHLS SD SZ. LWR LYR BLK ORG SD
110	1014		CAMPBELL GRAB W/ CAMERA	1	LT.GY MED-CRS CLEAN QTZ SD WELL SORTED , LOOSE, FEW BROKEN SHELLS
110	1015		CAMPBELL GRAB W/ CAMERA	1	GREY MUD COMPACT CLOTS + SOUPY SURFACE
110	1016		CAMPBELL GRAB W/ CAMERA	1	BRN CRS SAND+GRAVEL, FEW LARGE SHELLS,2-4 IN ROUNDED PEBBLES
110	1017		CAMPBELL GRAB W/ CAMERA	1	GRAVEL + ANGULAR PEBBLES AND COBBLES
110	1018		CAMPBELL GRAB W/ CAMERA	1	GREY MUD
110	1019		CAMPBELL GRAB W/ CAMERA	1	NO SAMPLE, PROBABLY ROCK BOTTOM
110	1020		CAMPBELL GRAB W/ CAMERA	1	MUD,SAND + GRAVEL, ANG CRS GRAVEL UP TO 8-10 CM
110	1021		CAMPBELL GRAB W/ CAMERA	1	GREY BROWN SAND + SILT, MUCH FINE SHELL MATERIAL
110	1022		CAMPBELL GRAB W/ CAMERA	1	1 BOULDER,50 X 40 X 15 CM
110	1023		CAMPBELL GRAB W/ CAMERA	1	BROWN FINE TO MEDIUM SAND , 5 QUAHOGS
110	1024		CAMPBELL GRAB W/ CAMERA	1	GREY MUD
110	1025		CAMPBELL GRAB W/ CAMERA	1	GREY MUD, BROWNISH + SILTY LAYERS IN X-SECTION
110	1026		CAMPBELL GRAB W/ CAMERA	1	GREY BROWN MIXED UP GRAVEL,SAND AND MUD, GRAY GRAVEL AND BROWN MUD
110	1027		CAMPBELL GRAB W/ CAMERA	1	GREY SILTY AND SANDY MUD
110	1028		CAMPBELL GRAB W/ CAMERA	1	PROBABLY HARD ROCK BOTTOM, NO SAMPLE
110	1029		CAMPBELL GRAB W/ CAMERA	1	GREY MUD
110	1030		CAMPBELL GRAB W/ CAMERA	1	NO SAMPLE
110	1031		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD
110	1032		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD
110	1033		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD OVER GREY SAND
110	1034		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD, GREEN MUD(STONE), GREY GRAVEL, 1 COBL 20X10X5 CM (GABBRO)
110	1035	A	CAMPBELL GRAB W/ CAMERA	1	BROWN MUD
110	1035	B	CAMPBELL GRAB W/ CAMERA	1	GREEN SHALE, BLUE GREEN MUD OR MUDSTONE (UNDERLIES 1035 A)
110	1036		CAMPBELL GRAB W/ CAMERA	1	BRN MD W MNY LRG COBLS + GRT, MDY GRV, ALSO RD CLAY,,MOSTLY ANG COBLS
110	1037		CAMPBELL GRAB W/ CAMERA	1	BRN +GY MUD,SMOOTH+GREASY UNFM CLAY NO COBBLES OR SAND
110	1038		CAMPBELL GRAB W/ CAMERA	1	BRN MUD WITH RED STREAKS (NOT DYE) SMALL COBBLE +GRAVEL IN MUD
110	1039		CAMPBELL GRAB W/ CAMERA	1	REDDISH BROWN MUD
110	1040		CAMPBELL GRAB W/ CAMERA	1	REDDISH BROWN MUD PLASTIC AND GREASY
110	1041		CAMPBELL GRAB W/ CAMERA	1	GRAVEL + BROWN MUD , ANGULAR 10 MM PEBBLES
110	1042		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD
110	1043		CAMPBELL GRAB W/ CAMERA	1	GRIT AND GRAVEL, BROWN AND MUDDY ON TOP, GREY BELOW
110	1044		CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN STICKY MUD
110	1045		CAMPBELL GRAB W/ CAMERA	1	GRAVEL, GRIT AND BROWNISH GREY MUD POORLY SORTED
110	1046		CAMPBELL GRAB W/ CAMERA	1	BROWN MUD WITH MCH GRAVEL+SAND SOME RED CLAY LUMPS WITH NO PEBBLES
110	1047	A	CAMPBELL GRAB W/ CAMERA	1	BROWN MUD +GRAVEL,MANY GRANULES,COBBLES
110	1047	B	CAMPBELL GRAB W/ CAMERA	1	RED CLAY LUMPS W/ NO PEBBLES
110	1048		CAMPBELL GRAB W/ CAMERA	1	GREY BROWN STICKY MUD- NO GRAVEL
110	1049		CAMPBELL GRAB W/ CAMERA	1	GREY BRN STKY UNIFORM HOMOGENEOUS MUD, NO GRAVEL
110	1050		CAMPBELL GRAB W/ CAMERA	1	BROWN SANDY MUD WITH COBBLES AND GRANULES
110	1051		CAMPBELL GRAB W/ CAMERA	1	BROWN TO GRAY-BROWN STICKY MUD. MED. BROWN SOFT SURFACE LAYER.
110	1052		CAMPBELL GRAB W/ CAMERA	1	SAND + GRAVEL, SOME PEBBLES TO 8 CM.
110	1053		CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN SILTY SAND.
110	1054		CAMPBELL GRAB W/ CAMERA	1	BLACK SILTY SAND (H2S). BROWN SAND AND GRAVEL.
110	1055		CAMPBELL GRAB W/ CAMERA	1	FINE TO VERY FINE BROWNISH SAND.
110	1056		CAMPBELL GRAB W/ CAMERA	1	YELLOWISH BROWN SAND.
110	1057		CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO FINE QUARTZOSE SHELL SAND.
110	1058		CAMPBELL GRAB W/ CAMERA	1	GRAY-WHITE MEDIUM SAND.
110	1059		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND.
110	1060		CAMPBELL GRAB W/ CAMERA	1	MEDIUM GREEN SAND.
110	1061	A	CAMPBELL GRAB W/ CAMERA	1	STICKY GREENISH-BLUE CLAY. FEW PEBBLES. ONE ANGULAR ROCK (DIABASE).
110	1061	B	CAMPBELL GRAB W/ CAMERA	1	GREENISH BLUE CLAY(STICKY)
110	1062		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND PEBBLES.
110	1063		CAMPBELL GRAB W/ CAMERA	1	GREENISH GRAY FINE SAND.
110	1064		CAMPBELL GRAB W/ CAMERA	1	GRAY FINE SAND
110	1065		CAMPBELL GRAB W/ CAMERA	1	NO SAMPLE OBTAINED.
110	1066		CAMPBELL GRAB W/ CAMERA	1	GREEN SANDY SILT.
110	1067		CAMPBELL GRAB W/ CAMERA	1	GREEN SILT.
110	1068		CAMPBELL GRAB W/ CAMERA	1	GREEN SILT.
110	1069		CAMPBELL GRAB W/ CAMERA	1	GREEN SANDY SILT.
110	1070		CAMPBELL GRAB W/ CAMERA	1	GREEN SHELL FRAGMENTS AND MEDIUM SAND.
110	1071		CAMPBELL GRAB W/ CAMERA	1	GREEN SANDY SILT.
110	1072		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY FORAM SAND.
110	1073		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY FORAM SAND.
110	1074		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY FORAM SAND.
110	1075		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELL DEBRIS.
110	1076		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELL DEBRIS.
110	1077		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELL FRAGMENTS.
110	1078	A	CAMPBELL GRAB W/ CAMERA	1	GREEN CLAY AT SURFACE
110	1078	B	CAMPBELL GRAB W/ CAMERA	1	GREY CLAY BENEATH GREEN CLAY
110	1078	C	CAMPBELL GRAB W/ CAMERA	1	GREEN MUDSTONE BENEATH GRAY CLAY
110	1079		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY FORAM SAND.
110	1080		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY FORAM SAND.
110	1081		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELLS.
110	1082		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELLS.
110	1083		CAMPBELL GRAB W/ CAMERA	1	GREEN SILT AND SHELL FRAGMENTS
110	1084		CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND AND SHELLS.

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1085	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1086	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1087	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1088	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1089	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1090	3/4 METER PLANKTON NET	40	NO BOTTOM SAMPLE
110	1091	BOX SAMPLER	30	GREENISH BLACK MUD. H2S ODOR.
110	1092	BOX SAMPLER	30	DARK GREENISH GREY SILT AND MUD. H2S ODOR.
110	1093	BOX SAMPLER	30	5 CM BROWN SAND OVER 10 CM GN GY SILTY SAND OVER 10 CM GY GRAVEL.
110	1094	SMALL VAN VEEN	5	GREY-BROWN MUD.
110	1095	VAN VEEN AND CORE	5	GREY MUD,MORE COMPACTED WITH DEPTH.
110	1096	VAN VEEN AND CORE	5	BROWN GREY MUD WITH SAND AND GRAVEL
110	1097	VAN VEEN AND CORE	5	BROWNISH GREY MUD.
110	1098	VAN VEEN AND CORE	5	BROWN MUD.
110	1099	VAN VEEN AND CORE	5	BROWN MUD.
110	1100	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND + 1 ROUNDED ROCK, 20 CM, 1 ANG ROCK, 20 CM
110	1101	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND. ROUNDED PEBBLES TO 6 CM.
110	1102	CAMPBELL GRAB W/ CAMERA	1	COARSE GREY SAND. ROUNDED GRAVEL TO 8 CM.
110	1103	CAMPBELL GRAB W/ CAMERA	1	3 L. COARSE TAN SAND. 7 L. SUBANGULAR-ROUND PEBBLES TO 15 CM.
110	1104	CAMPBELL GRAB W/ CAMERA	1	MED. TO COARSE LT. BROWN SAND WITH SHELL FRAGMENTS. NO GRAVEL.
110	1105	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1106	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND, NO PEBBLES. 0-2 L. SHELLS.
110	1107	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GREY SAND.
110	1108	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GREY SILTY SAND.
110	1109	CAMPBELL GRAB W/ CAMERA	1	GREY SILTY SAND.
110	1110	CAMPBELL GRAB W/ CAMERA	1	DARK GREEN FINE-GRAINED SILTY SAND.
110	1111	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1112	CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND. NO PEBBLES.
110	1113	CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND.
110	1114	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1115	CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY VERY FINE GRAINED SAND.
110	1116	CAMPBELL GRAB W/ CAMERA	1	DARK GREEN VERY FINE GRAINED SILTY SAND.
110	1117	CAMPBELL GRAB W/ CAMERA	1	GREEN AND BROWN FINE SAND.
110	1118	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND (1 CM) OVER GREY COARSE SAND, SOME WHOLE SHELLS
110	1119	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN COARSE SILTY SAND.
110	1120	CAMPBELL GRAB W/ CAMERA	1	LIGHT GREENISH BROWN MEDIUM SAND.
110	1121	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM SAND.
110	1122	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1123	CAMPBELL GRAB W/ CAMERA	1	MEDIUM BROWN SAND.
110	1124	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND. CHERT PEBBLE.
110	1125	CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN MEDIUM-GRAINED SAND.
110	1126	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND.
110	1127	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND.
110	1128	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND AND BROKEN SHELLS.
110	1129	CAMPBELL GRAB W/ CAMERA	1	SHELLS 10 PCT. CRS BN SAND 30 PCT. GRAVEL ROUNDED TO 6 CM 60 PCT.
110	1130	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND AND BROKEN SHELLS, WITH GRAVEL TO 15 CM.
110	1131	CAMPBELL GRAB W/ CAMERA	1	GRAVEL TO 10 CM 60 PCT. COARSE BROWN SAND 40 PCT.
110	1132	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1133	CAMPBELL GRAB W/ CAMERA	1	DARK GREY-BROWN COARSE SAND AND ROCK FRAGMENTS W/ GRAVEL TO 6 CM.
110	1134	CAMPBELL GRAB W/ CAMERA	1	DROP 1- 2L.GRAVEL. DROP 2- 3L.GRAVEL TO 25 CM, 3L. GN-BRN COARSE SAND
110	1135	CAMPBELL GRAB W/ CAMERA	1	FINE TO COARSE BROWN SAND AND SHELLS. NO PEBBLES.
110	1136	CAMPBELL GRAB W/ CAMERA	1	FINE TO COARSE BROWN SAND AND ROUNDED GRAVEL TO 10 CM. A FEW SHELLS.
110	1137	CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN MEDIUM TO COARSE SAND WITH GRAVEL TO 20 CM.
110	1138	CAMPBELL GRAB W/ CAMERA	1	GREEN-BROWN COARSE SAND AND GRAVEL TO 10 CM.
110	1139	CAMPBELL GRAB W/ CAMERA	1	DROP 1- 3PCS GRV TO 30 CM,50 CC GN-BRN CRS SD. DRP 2-100CC SD,.5L GRV
110	1140	CAMPBELL GRAB W/ CAMERA	1	FINE TO MEDIUM BROWN SAND WITH ROUNDED GRAVEL TO 8 CM.
110	1141	CAMPBELL GRAB W/ CAMERA	1	FINE TO COARSE BROWN SAND, GRAVEL TO 8 CM.
110	1142	CAMPBELL GRAB W/ CAMERA	1	MEDIUM BROWN SAND.
110	1143	CAMPBELL GRAB W/ CAMERA	1	GN-BRN MED SD W/ SM AMT GVL TO 3CM. AND MANY SM SH FRAGMENTS TO 5 CM.
110	1144	CAMPBELL GRAB W/ CAMERA	1	1-2 L. GN-BRN SAND, GRAVEL TO 6 CM.,SM SH FRAGMENTS,DRP 2-3PEB 5CM
110	1145	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1146	CAMPBELL GRAB W/ CAMERA	1	DROP 2- 4CC GN-BRN CRS SD. DROP 3- 25CC SAND, A FEW PEBBLES TO 10 CM.
110	1147	CAMPBELL GRAB W/ CAMERA	1	ROUNDED GVL TO 15 CM. GY MED TO COARSE SILTY SHELL SAND.
110	1148	CAMPBELL GRAB W/ CAMERA	1	DROP 1- FEW RD RX TO 13 CM. DROP 2- RD GVL TO 22 CM W/ GN SILTY SAND.
110	1149	CAMPBELL GRAB W/ CAMERA	1	DROP 1- PEB TO 2 CM. DROP 2- PEB TO 6 CM. DROP 4- SIMILAR TO DROP 1.
110	1150	CAMPBELL GRAB W/ CAMERA	1	3.5L GVL TO 18 CM. 0.5L MEDIUM BROWN SILTY SAND.
110	1151	CAMPBELL GRAB W/ CAMERA	1	DROP 1- 0.1L GN-BRN CRS SD, GVL TO 5 CM. DROP 2 AND DROP 3 SIMILAR.
110	1152	CAMPBELL GRAB W/ CAMERA	1	4L. GN-BRN COARSE SAND AND GRAVEL TO 10 CM.
110	1153	CAMPBELL GRAB W/ CAMERA	1	BROWN FINE SILTY SAND WITH PEBBLES TO 4 CM.
110	1154	CAMPBELL GRAB W/ CAMERA	1	FINE TO COARSE BROWN SAND, BROKEN SHELLS, PEBBLES TO 3 CM.
110	1155	CAMPBELL GRAB W/ CAMERA	1	3L. SILTY COARSE SHELL SAND. 4L. ROUNDED GRAVEL.
110	1156	CAMPBELL GRAB W/ CAMERA	1	1/4L. VERY COARSE SAND. 1 3/4 L. SUBANGULAR GRAVEL TO 17 CM.
110	1157	CAMPBELL GRAB W/ CAMERA	1	DROP 1- 30CC GN-BRN MED SD, GVL TO 4CM. DROP 2- 3L.SD, MUCH SH,NO GVL
110	1158	CAMPBELL GRAB W/ CAMERA	1	MOSTLY SHELL HASH,PEBBLES TO 5CM
110	1159	3/4 METER PLANKTON NET	40	NO SAMPLE
110	1160	CAMPBELL GRAB W/ CAMERA	1	COARSE GREENISH BROWN SAND AND GRAVEL TO 4 CM.
110	1161	CAMPBELL GRAB W/ CAMERA	1	FINE SILTY SAND AND GRAVEL TO 5 CM. ROCK 25CM
110	1162	CAMPBELL GRAB W/ CAMERA	1	2L.BROWN SILTY SAND. 6L.GRAVEL TO 11 CM.
110	1163	CAMPBELL GRAB W/ CAMERA	1	5L.BROWN SILTY SAND. 35L.GRAVEL TO 18 CM., MOSTLY FLAT SLATES.
110	1164	CAMPBELL GRAB W/ CAMERA	1	GREEN FINE SILTY SAND.
110	1165	CAMPBELL GRAB W/ CAMERA	1	2L.MED-COARSE SAND. 8L.FINE GRAVEL TO 7 CM.,ANGULAR TO ROUNDED.
110	1166 A	CAMPBELL GRAB W/ CAMERA	1	5L. DARK GREENISH BROWN COARSE SAND AND GRAVEL. 35CM RK W/ BARNACLES.
110	1166 B	CAMPBELL GRAB W/ CAMERA	1	RED MUD. MUD LACKS SAND, IS CLEARLY DIFFERENT FROM REST OF SEDIMENT.
110	1167	CAMPBELL GRAB W/ CAMERA	1	BRN CLAY W/ MUCH SD AND GVL TO 20 CM. NO RED MUD SEEN.
110	1168	CAMPBELL GRAB W/ CAMERA	1	BRN CRS CLAYEY SD AND GVL. PEBS, RDD TO 5 CM, ARE TRIASSIC SANDSTONE.
110	1169	CAMPBELL GRAB W/ CAMERA	1	13 L.BRN CRS CLAYEY SAND. 3L. GRAVEL TO 18 CM.
110	1170	CAMPBELL GRAB W/ CAMERA	1	STIFF GREY CLAY OVERLAIN BY A FEW CM SOFT BROWN CLAY.
110	1171	CAMPBELL GRAB W/ CAMERA	1	GREY STICKY CLAY OVERLAIN BY 2 CM BROWN SANDY CLAY.
110	1172 A	CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN SILTY MUD WITH VERY SMALL AMT OF GRAVEL TO 2 CM.
110	1172 B	CAMPBELL GRAB W/ CAMERA	1	LUMPS, TO 4 CM, OF INDURATED CLAY.

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1173	CAMPBELL GRAB W/ CAMERA	1	BROWN SILTY MUD, NO GRAVEL.
110	1174	CAMPBELL GRAB W/ CAMERA	1	99 PCT SHELL HASH TO 1 CM. NO GVL, SMALL AMT CLAY, SILT, FINE SAND.
110	1175	CAMPBELL GRAB W/ CAMERA	1	3L. BRN CLAYEY SILTY SAND. 12L. ROUNDED GRAVEL TO 20 CM.
110	1176	CAMPBELL GRAB W/ CAMERA	1	2L. BRN CRS SILTY SHELL SAND. 4L. GVL TO 11 CM, RDD TO ANGULAR.
110	1177	CAMPBELL GRAB W/ CAMERA	1	13L. BRN SILTY SAND. 27L. ROUNDED GRAVEL TO 22 CM.
110	1178	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND. GRAVEL TO 12 CM.
110	1179	CAMPBELL GRAB W/ CAMERA	1	BROWN SILTY MUD WITH GRAVEL TO 1 CM.
110	1180	CAMPBELL GRAB W/ CAMERA	1	BROWN CLAY WITH COARSE SAND AND MUCH GRAVEL TO 15 CM.
110	1181	CAMPBELL GRAB W/ CAMERA	1	BROWN CLAY.
110	1182	CAMPBELL GRAB W/ CAMERA	1	GN-GY AND GN-BRN CLAY WITH MUCH COARSE SAND AND GRAVEL TO 18 CM.
110	1183	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1184	CAMPBELL GRAB W/ CAMERA	1	GREENISH GREY COARSE SAND WITH MUCH GRAVEL OF ABOUT 1 CM.
110	1185	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SHELL SAND, NO ROCKS.
110	1186 A	CAMPBELL GRAB W/ CAMERA	1	STICKY BROWN CLAY.
110	1186 B	CAMPBELL GRAB W/ CAMERA	1	HARD GREEN CLAY.
110	1187	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1188	CAMPBELL GRAB W/ CAMERA	1	BROWN MUD.
110	1189	CAMPBELL GRAB W/ CAMERA	1	BROWN SOFT MUD.
110	1190	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1191	CAMPBELL GRAB W/ CAMERA	1	BROWN MUD.
110	1192 A	CAMPBELL GRAB W/ CAMERA	1	GREY CLAYEY GRAVELLY SAND,COBBLE 19 CM.
110	1192 B	CAMPBELL GRAB W/ CAMERA	1	BROWN SANDY CLAY.
110	1193 A	CAMPBELL GRAB W/ CAMERA	1	SOFT BROWN SANDY CLAY 10 CM THICK
110	1193 B	CAMPBELL GRAB W/ CAMERA	1	FIRM GREY SANDY CLAY30 CM THICK
110	1194	CAMPBELL GRAB W/ CAMERA	1	SOFT BROWN CLAY.
110	1195 A	CAMPBELL GRAB W/ CAMERA	1	SOFT BROWN CLAY 5 CM THICK.
110	1195 B	CAMPBELL GRAB W/ CAMERA	1	STIFF GREEN CLAY.
110	1196	CAMPBELL GRAB W/ CAMERA	1	BRN AND VARICOLORED VERY COARSE SAND AND GRAVEL TO 5 CM.
110	1197	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1198	CAMPBELL GRAB W/ CAMERA	1	BROWN SANDY CLAY, WITH GRAVEL TO 25 CM.
110	1199	CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN MUD.
110	1200	CAMPBELL GRAB W/ CAMERA	1	GREY SILTY FINE SAND.
110	1201	CAMPBELL GRAB W/ CAMERA	1	GREY ROUNDED SILTY GRAVEL TO 10 CM.
110	1202	CAMPBELL GRAB W/ CAMERA	1	GREY CLAY.
110	1203	CAMPBELL GRAB W/ CAMERA	1	5CM SOFT BROWN CLAY OVERLYING STIFF GREY CLAY.
110	1204	CAMPBELL GRAB W/ CAMERA	1	GREENISH-BROWN VERY SANDY CLAY WITH GRAVEL TO 6CM.
110	1205	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN MUD
110	1206	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN SILTY AND VERY FINE GRAINED SANDY MUD.
110	1207	CAMPBELL GRAB W/ CAMERA	1	BROWN VERY COARSE SAND WITH GRAVEL TO 6 CM, MINOR AMOUNT OF SILT,CLAY
110	1208	CAMPBELL GRAB W/ CAMERA	1	FINE SAND, BROWN AT TOP, BLACK BENEATH.
110	1209	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND.
110	1210	CAMPBELL GRAB W/ CAMERA	1	GREEN SAND AND GRAVEL.
110	1211	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND GRAVEL.
110	1212	CAMPBELL GRAB W/ CAMERA	1	GREEN CLAYEY SILT, LITTLE SAND.
110	1213	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1214 A	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY SANDY MUD WITH GRAVEL TO 5 CM.
110	1214 B	CAMPBELL GRAB W/ CAMERA	1	FAIRLY HARD GREENISH-GREY CLAY.
110	1214 C	CAMPBELL GRAB W/ CAMERA	1	HARD LUMPS OF GREENISH-GREY CLAY.
110	1215	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1216	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND WITH SHELL DEBRIS.
110	1217	CAMPBELL GRAB W/ CAMERA	1	LIGHT GREY SAND.
110	1218	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1219	CAMPBELL GRAB W/ CAMERA	1	LT GREY-BROWN MEDIUM SAND WITH GRAVEL TO 5 CM.
110	1220	CAMPBELL GRAB W/ CAMERA	1	COARSE GREY SAND WITH SHELL DEBRIS AND GRAVEL.
110	1221	CAMPBELL GRAB W/ CAMERA	1	GREY SAND.
110	1222	CAMPBELL GRAB W/ CAMERA	1	COARSE GREYISH BROWN SAND WITH SHELL DEBRIS AND GRAVEL.
110	1223	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1224	CAMPBELL GRAB W/ CAMERA	1	GN -GY MUD WITH MUCH GRAVEL TO 5CM. GRAVEL IN SURFACE LAYER ONLY.
110	1225	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1226	CAMPBELL GRAB W/ CAMERA	1	GREENISH BROWN MUD WITH GRAVEL TO 2CM.
110	1227	CAMPBELL GRAB W/ CAMERA	1	SANDY GRAVEL WITH GRAVEL AND CLAY BENEATH.
110	1228	CAMPBELL GRAB W/ CAMERA	1	GVL WITH SAND AND CLAY. AMYGDALOIDAL BASALT,RD SILTSTN,GRANITE PEBS.
110	1229	CAMPBELL GRAB W/ CAMERA	1	GRAVEL TO 4CM. MINOR AMTS FINE GRAINED SAND AND CLAY.
110	1230	CAMPBELL GRAB W/ CAMERA	1	CLAY AND COARSE SAND, WITH MUCH GRAVEL TO 7 CM.
110	1231	CAMPBELL GRAB W/ CAMERA	1	GREEN VERY FINE GRAINED SANDY CLAY. NO GRAVEL.
110	1232	CAMPBELL GRAB W/ CAMERA	1	BROWN SILTY CLAY.
110	1233	CAMPBELL GRAB W/ CAMERA	1	BROWN MUD AND GRAVEL, PEBBLES.
110	1234	CAMPBELL GRAB W/ CAMERA	1	BROWNISH GREEN CLAY AND SILT. NO SAND OR GRAVEL.
110	1235	CAMPBELL GRAB W/ CAMERA	1	MED SANDY MUD, GRAVEL TO 30 CM.
110	1236	CAMPBELL GRAB W/ CAMERA	1	FINE-GRAINED SAND. SILT, CLAY, AND SHELL FRAGMENTS.
110	1237	CAMPBELL GRAB W/ CAMERA	1	SHELL HASH TO 7 CM, WITH GREY SILTY SAND.
110	1238	CAMPBELL GRAB W/ CAMERA	1	SANDY GRAVEL.
110	1239 A	CAMPBELL GRAB W/ CAMERA	1	GREY SAND AND GRAVEL.
110	1239 B	CAMPBELL GRAB W/ CAMERA	1	BLACK MUD, H2S ODOR.
110	1240	CAMPBELL GRAB W/ CAMERA	1	SANDY GRAVEL AND SHELL DEBRIS.
110	1241	CAMPBELL GRAB W/ CAMERA	1	GREEN MEDIUM SAND WITH MANY SHELL FRAGMENTS.
110	1242	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN MEDIUM SANDY CLAY WITH GRAVEL TO 4 CM.
110	1243	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN CLAY AND SILT. MINOR AMT FINE AND MED SAND.
110	1244	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1245	CAMPBELL GRAB W/ CAMERA	1	GRAVEL AND GREY SAND.
110	1246	CAMPBELL GRAB W/ CAMERA	1	SEVERAL BOULDERS TO 25 CM. BROWN SAND AND GRAVEL.
110	1247	CAMPBELL GRAB W/ CAMERA	1	BOULDER 20 CM W/ ATTACHED LIFE. SMALL AMT GRAVEL AND COARSE SAND.
110	1248	CAMPBELL GRAB W/0 CAMERA	2	BROWNISH GREEN SILT.
110	1249	CAMPBELL GRAB W/0 CAMERA	2	GREENISH-GREY CLAYEY MUD. MINOR AMT OF SILT.
110	1250	CAMPBELL GRAB W/0 CAMERA	2	GREENISH-BROWN CLAY. MINOR AMT OF GRAVEL TO 5 CM.
110	1251	CAMPBELL GRAB W/3 CAMERA	2	BUCKET DID NOT CLOSE, SEDIMENT SCRAPINGS ONLY.
110	1252	CAMPBELL GRAB W/0 CAMERA	2	GREENISH GRAY MUD. MINOR AMT SILT AND BROWN MUD.
110	1253 A	CAMPBELL GRAB W/0 CAMERA	2	BROWN MUD AT SURFACE, ADMIXED SAND AND GRAVEL.
110	1253 B	CAMPBELL GRAB W/0 CAMERA	2	GREEN MUD SUBSURFACE, ADMIXED SAND AND GRAVEL.
110	1254	3/4 METER PLANKTON NET	40	NO SAMPLE.

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1255 A	CAMPBELL GRAB W/O CAMERA	2	BROWN MUD.
110	1255 B	CAMPBELL GRAB W/O CAMERA	2	GREEN MUD.
110	1256	CAMPBELL GRAB W/ CAMERA	1	MEDIUM SAND.
110	1257	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND.
110	1258	CAMPBELL GRAB W/ CAMERA	1	BROWN MED GRAINED WELL SORTED SAND AND BROKEN SHELLS.
110	1259	CAMPBELL GRAB W/ CAMERA	1	BROWN POORLY SORTED SAND, GRAVEL AND SHELLS.
110	1260	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1261	VAN VEEN GRAB	5	GREEN SANDY MUD.
110	1262	VAN VEEN GRAB	5	GREENISH-GREY FINE SAND WITH FORAMS.
110	1263	VAN VEEN GRAB	5	OLIVE-GREY MUD.
110	1264	VAN VEEN GRAB	5	GREEN MEDIUM TO FINE SAND.
110	1265	VAN VEEN GRAB	5	GREEN SANDY MUD.
110	1266	VAN VEEN GRAB	5	NO SAMPLE.
110	1267	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1268	CAMPBELL GRAB W/O CAMERA	2	GREENISH-BROWN FINE SAND AND SILT. CINDERS IN BIO SAMPLE.
110	1269	CAMPBELL GRAB W/O CAMERA	2	GREENISH-GREY SANDY SILT.
110	1270 A	CAMPBELL GRAB W/O CAMERA	2	GREEN SANDY FORAMINIFERAL MUD.
110	1270 B	CAMPBELL GRAB W/O CAMERA	2	GREY VERY STICKY NON-SANDY CLAY.
110	1271	CAMPBELL GRAB W/O CAMERA	2	GREEN CLAY WITH SMALL AMT OF SAND.
110	1272	CAMPBELL GRAB W/O CAMERA	2	GREYISH GREEN WELL SORTED FINE SAND AND SILT.
110	1273	CAMPBELL GRAB W/O CAMERA	2	GREEN SILTY SAND.
110	1274	3/4 METER PLANKTON NET	40	NO SAMPLE.
110	1275	CAMPBELL GRAB W/ CAMERA	1	GRAVELLY MEDIUM GRAINED BROWN SAND.
110	1276	CAMPBELL GRAB W/ CAMERA	1	MEDIUM OLIVE-BROWN SAND, WITH SOME GRAVEL.
110	1277	CAMPBELL GRAB W/ CAMERA	1	GREENISH-BROWN SAND.
110	1278	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM GRAINED SAND.
110	1279	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE BROWN SAND.
110	1280	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GRAINED GREENISH SAND, WITH SCATTERED PEBBLES.
110	1281 A	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GRAINED BROWNISH SAND.
110	1281 B	CAMPBELL GRAB W/ CAMERA	1	GREY SANDY MUD, PARTLY COMPACTED.
110	1282	CAMPBELL GRAB W/ CAMERA	1	BROWN TO GREYISH MEDIUM TO COARSE WELL SORTED SAND.
110	1283	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND.
110	1284	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE BROWN SAND.
110	1285	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND.
110	1286	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND.
110	1287	CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN MEDIUM GRAINED SAND.
110	1288 A	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND.
110	1288 B	CAMPBELL GRAB W/ CAMERA	1	STICKY DARK CLAY.
110	1289	CAMPBELL GRAB W/ CAMERA	1	FINE BROWN SAND, WELL SORTED.
110	1290	CAMPBELL GRAB W/ CAMERA	1	OLIVE-BROWN MEDIUM SAND.
110	1291	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM GRAINED SAND.
110	1292	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM GRAINED SAND.
110	1293	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM-GRAINED SAND WITH GRAVEL TO 5MM.
110	1294	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN VERY SANDY CLAY.
110	1295	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN WELL SORTED SAND WITH CLAM SHELLS.
110	1296	CAMPBELL GRAB W/ CAMERA	1	BROWN AND GREEN SAND.
110	1297	CAMPBELL GRAB W/ CAMERA	1	BROWN MED TO CRS SAND WITH MINOR AMT OF GRAVEL.
110	1298	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN WELL-SORTED SAND.
110	1299	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND WITH MUCH SHELL DEBRIS.
110	1300	CAMPBELL GRAB W/ CAMERA	1	SAND AND GRAVEL.
110	1301	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM-GRAINED SAND.
110	1302	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND PEBBLES.
110	1303	CAMPBELL GRAB W/ CAMERA	1	BROWN MED TO CRS VARICOLORED SAND WITH SHELL FRAGMENTS.
110	1304	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE GRAINED SAND AND GRAVEL.
110	1305	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY SANDY SILT WITH SHELL FRAGMENTS.
110	1306	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE-GRAINED SAND.
110	1307	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE-GRAINED SAND.
110	1308	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY FINE-GRAINED SILTY SAND WITH SOFT CLAY LUMPS.
110	1309	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY FINE-GRAINED SILTY SAND.
110	1310	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE GRAINED SAND, FAIRLY WELL SORTED.
110	1311	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND AND SHELL.
110	1312 A	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND GRAVEL.
110	1312 B	CAMPBELL GRAB W/ CAMERA	1	GREY MUD.
110	1313	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND GRAVEL.
110	1314	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND.
110	1315	CAMPBELL GRAB W/ CAMERA	1	GREENISH BLACKISH GREY VERY FINE GRAINED SILTY SAND.
110	1316	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN FINE SAND.
110	1317	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM GRAINED WELL SORTED SAND.
110	1318	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE BROWN GRAVELLY SAND.
110	1319	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM TO FINE SILTY SAND.
110	1320	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM TO FINE SAND.
110	1321	CAMPBELL GRAB W/ CAMERA	1	GREENISH-BROWN MEDIUM GRAINED SAND.
110	1322	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREEN CLAYEY AND SILTY FINE-GRAINED SAND.
110	1323	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY FINE GRAINED POORLY SORTED SAND, WITH SOME MUD.
110	1324 A	CAMPBELL GRAB W/ CAMERA	1	GREEN-GREY MEDIUM SAND.
110	1324 B	CAMPBELL GRAB W/ CAMERA	1	CONSOLIDATED CLAY.
110	1325	CAMPBELL GRAB W/ CAMERA	1	GREEN SILTY SAND WITH GRAVEL TO 2 CM.
110	1326	VAN VEEN GRAB	5	GREENISH-GREY FINE SAND, WITH SOME MUD AND SILT.
110	1327	VAN VEEN GRAB	5	GREEN SLIGHTLY SILTY CLAY.
110	1328	VAN VEEN GRAB	5	GREY SILTY MUD.
110	1329 A	VAN VEEN GRAB	5	GREY BROWN SILTY MUD.
110	1329 B	VAN VEEN GRAB	5	INDURATED LUMPS OF MUD.
110	1330	VAN VEEN GRAB	5	GREENISH SILTY CLAY.
110	1331	VAN VEEN GRAB	5	NO SAMPLE.
110	1332	VAN VEEN GRAB	5	GREENISH-GREY CLAY WITH BROWNISH COLORATION ON TOP.
110	1333	VAN VEEN GRAB	5	GREY MUD WITH FORAMS, BROWNISH TOP.
110	1334	VAN VEEN GRAB	5	GREENISH-GREY SILTY CLAY, PARTLY COMPACTED.
110	1335	CAMPBELL GRAB W/ CAMERA	1	DARK OLIVE-GREY MUD.
110	1336	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND GRAVEL, WITH ROUNDED CLAY PEBBLES.
110	1337	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM GRAINED SAND, WITH A GOOD MANY SHELLS.

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1338	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM GRAINED SAND, UNIFORM AND WELL SORTED.
110	1339	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM SAND, WITH SHELL DEBRIS AND SCATTERED PEBBLES.
110	1340	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE WELL-SORTED SAND, WITH SHELLS.
110	1341	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GRAINED BROWN SAND WITH SHELL HASH.
110	1342	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND WITH GREY MUD.
110	1343	CAMPBELL GRAB W/ CAMERA	1	OLIVE MEDIUM SAND, WELL SORTED.
110	1344	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1345	CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN MEDIUM GRAINED SAND, WELL SORTED.
110	1346	CAMPBELL GRAB W/ CAMERA	1	GREYISH-GREEN TO DARK GREY FINE GRAINED SAND. H2S ODOR.
110	1347	CAMPBELL GRAB W/ CAMERA	1	LIGHT BROWN FINE-GRAINED GRAVEL TO 3 CM.
110	1348	CAMPBELL GRAB W/ CAMERA	1	DARK GREY AND OLIVE GREY MEDIUM SAND, WELL SORTED.
110	1349	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND, SMALL AMT OF GRAVEL.
110	1350	CAMPBELL GRAB W/ CAMERA	1	GREYISH-BROWN FINE GRAINED SAND, WELL SORTED.
110	1351	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREY FINE GRAINED SAND, WELL SORTED.
110	1352	CAMPBELL GRAB W/ CAMERA	1	OLIVE BROWN SAND, MEDIUM TO COARSE, FAIRLY WELL SORTED.
110	1353	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND.
110	1354	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1355 A	CAMPBELL GRAB W/ CAMERA	1	GREEN FINE GRAINED SILTY AND CLAYEY SAND, SOME GRAVEL.
110	1355 B	CAMPBELL GRAB W/ CAMERA	1	LUMPS OF CLAY.
110	1356	CAMPBELL GRAB W/ CAMERA	1	GREYISH BROWN MEDIUM TO COARSE SAND.
110	1357	CAMPBELL GRAB W/ CAMERA	1	SANDY SILT.
110	1358	CAMPBELL GRAB W/ CAMERA	1	BROWN UNIFORM FINE SAND.
110	1359	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM TO FINE SAND.
110	1360 A	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM SAND WITH SOME GRAVEL.
110	1360 B	CAMPBELL GRAB W/ CAMERA	1	SILT AND CLAY LUMPS.
110	1361	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1362	CAMPBELL GRAB W/ CAMERA	1	GREYISH-BROWN AND GREEN FINE SAND. WELL SORTED.
110	1363	CAMPBELL GRAB W/ CAMERA	1	BROWN WELL SORTED MEDIUM SAND.
110	1364	CAMPBELL GRAB W/ CAMERA	1	MEDIUM SAND, WELL SORTED, WITH SHELL FRAGMENTS.
110	1365	CAMPBELL GRAB W/ CAMERA	1	MEDIUM SAND, WELL SORTED, WITH SHELL FRAGMENTS.
110	1366	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1367	CAMPBELL GRAB W/ CAMERA	1	GREEN SANDY MUD.
110	1368 A	CAMPBELL GRAB W/ CAMERA	1	GREENISH MUD.
110	1368 B	CAMPBELL GRAB W/ CAMERA	1	GREY STIFF CLAY.
110	1369 A	CAMPBELL GRAB W/ CAMERA	1	MEDIUM GREY-BROWN SAND, WITH SOME GRAVEL.
110	1369 B	CAMPBELL GRAB W/ CAMERA	1	HARD CLAY. LIGHT GREY, STRUCTURELESS, NOT SILTY.
110	1370	CAMPBELL GRAB W/ CAMERA	1	NO SAMPLE.
110	1371	CAMPBELL GRAB W/ CAMERA	1	GREEN SANDY MUD.
110	1372	CAMPBELL GRAB W/ CAMERA	1	GREYISH-GREEN CLAYEY AND SILTY FINE-GRAINED SAND, WITH SOME GRAVEL.
110	1373	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND.
110	1374	CAMPBELL GRAB W/ CAMERA	1	GREENISH-GREY MEDIUM SAND WITH SHELL FRAGMENTS.
110	1375	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1376	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND, WELL SORTED.
110	1377	CAMPBELL GRAB W/ CAMERA	1	BROWN COARSE SAND AND GRAVEL.
110	1378	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND WITH GRAVEL TO 5 CM.
110	1379	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1380	CAMPBELL GRAB W/ CAMERA	1	COARSE BROWN SAND WITH GRAVEL.
110	1381	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND, WELL SORTED.
110	1382 A	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND,ARKOSIC.
110	1382 B	CAMPBELL GRAB W/ CAMERA	1	BLACK ORGANIC-RICH SANDY MUD.
110	1383	CAMPBELL GRAB W/ CAMERA	1	DARK GREY CLAYEY SILT, ORGANIC ODOR.
110	1384	CAMPBELL GRAB W/ CAMERA	1	VERY FINE GRAINED SAND. BROWN AT SURFACE, GREENISH-GREY BELOW.
110	1385	CAMPBELL GRAB W/ CAMERA	1	BROWN VERY FINE SILTY SAND. MOTTLED GREY AND BLACK BENEATH.
110	1386	CAMPBELL GRAB W/ CAMERA	1	MED TO CRS WELL-SORTED SAND. BROWNISH-GREY, WITH ROUNDED BLK GRAINS.
110	1387	CAMPBELL GRAB W/ CAMERA	1	YELLOW-BROWN TO GREY MEDIUM SAND, WELL SORTED.
110	1388	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO FINE SAND, WELL SORTED. BROWN ON TOP, GREY BELOW.
110	1389	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO FINE SAND, BROWN ON TOP, GREY BELOW.
110	1390	CAMPBELL GRAB W/ CAMERA	1	BROWN SILTY VERY FINE GRAINED WELL SORTED SAND.
110	1391	CAMPBELL GRAB W/ CAMERA	1	VERY COARSE BROWN SAND, SOME GRAVEL.
110	1392	CAMPBELL GRAB W/ CAMERA	1	BROWNISH-GREY FINE GRAINED SAND WITH SHELL FRAGMENTS.
110	1393	CAMPBELL GRAB W/ CAMERA	1	BROWN FINE GRAINED SAND.
110	1394	CAMPBELL GRAB W/ CAMERA	1	SANDY GRAVEL. CLEAN, QTZOSE, SOME SHELL FRAGMENTS.
110	1395	CAMPBELL GRAB W/ CAMERA	1	MOTTLED BROWN-GREY FINE TO MEDIUM WELL SORTED SAND.
110	1396	CAMPBELL GRAB W/ CAMERA	1	DARK YELLOW-BROWN FINE TO MEDIUM WELL SORTED SAND.
110	1397	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND, WELL SORTED.
110	1398	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND, WELL SORTED.
110	1399	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE SAND.
110	1400	CAMPBELL GRAB W/ CAMERA	1	DARK GREENISH-GREY MEDIUM SAND, POSSIBLY GLAUCONITIC.
110	1401	DIGBY DREDGE	12	CALCAREOUS PEBBLES AND SHELLS.
110	1402	DIGBY DREDGE	12	BROWN ANGULAR LIMESTONE, BLACK PHOSPHORITE, FOSSIL PELECYPODS.
110	1403	DIGBY DREDGE	12	ORGANISMS ONLY.
110	1404	DIGBY DREDGE	12	SHELL SAND.
110	1405	DIGBY DREDGE	12	SHELL SAND.
110	1406	DIGBY DREDGE	12	SHELL SAND, NODULES.
110	1407	SMITH-MCINTYRE W/ CAMERA	3	MEDIUM TO COARSE BROWN SAND WITH SHELL FRAGMENTS, GRAVEL TO 6 CM.
110	1408	SMITH-MCINTYRE W/ CAMERA	3	BROWN FINE SAND, MOTTLED BLACK.
110	1409	SMITH-MCINTYRE W/ CAMERA	3	CLAYEY SILT, DK GRNISH-BRN ON TOP, DK GREY BELOW.
110	1410	SMITH-MCINTYRE W/ CAMERA	3	BROWNISH-GREY FINE GRAINED CLEAN SAND.
110	1411	SMITH-MCINTYRE W/ CAMERA	3	BROWN MEDIUM TO COARSE SAND WITH MANY SHELL FRAGMENTS, SOME GRAVEL.
110	1412	SMITH-MCINTYRE W/ CAMERA	3	GRAVEL TO 5 CM, GENERALLY ACIDIC ROCK TYPE, MED TO WELL ROUNDED.
110	1413	PISTON CORER	21	DARK GREYISH-GREEN CLAYEY AND SILTY SAND.
110	1414	PISTON CORER	21	DARK GREYISH-GREEN SANDY TO CLAYEY SILT.
110	1415	CAMPBELL GRAB W/ CAMERA	1	BROWN UNIFORM MEDIUM SAND,SHELL FRAGMENTS.
110	1416	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN MEDIUM SAND, WITH SHELL FRAGMENTS.
110	1417	CAMPBELL GRAB W/ CAMERA	1	BROWN VERY COARSE SAND WITH GRAVEL TO 2 CM. AND MANY SHELL FRAGMENTS.
110	1418	CAMPBELL GRAB W/ CAMERA	1	GY-BRN FINE-MED WELL-SORTED SAND W/ SAND DOLLARS, SHELL FRAGMENTS.
110	1419	CAMPBELL GRAB W/ CAMERA	1	BRN-GY VERY FINE TO FINE SAND, WELL SORTED.
110	1420	CAMPBELL GRAB W/ CAMERA	1	BRN TO GY-BRN FINE SAND WITH BROKEN SHELLS.
110	1421	CAMPBELL GRAB W/ CAMERA	1	YEL-BRN CLEAN WELL SORTED MEDIUM SAND, QUARTZOSE, WITH SOME SHELLS.
110	1422	CAMPBELL GRAB W/ CAMERA	1	BROWN CLEAN WELL SORTED MEDIUM SAND, MINOR AMT OF SHELL FRAGMENTS.

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1423	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN FINE TO MEDIUM SAND, WELL SORTED.
110	1424	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN FINE SAND.
110	1425	CAMPBELL GRAB W/ CAMERA	1	BROWN-GREY MEDIUM TO COARSE SAND. CLEAN, WELL SORTED.
110	1426	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN FINE TO MEDIUM SAND, CLEAN, WELL SORTED. SAND DOLLARS,SH.
110	1427	CAMPBELL GRAB W/ CAMERA	1	BROWN UNIFORM FINE SAND.
110	1428 A	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO COARSE UNIFORM WELL SORTED SAND.
110	1428 B	CAMPBELL GRAB W/ CAMERA	1	BLACK SAND,WASHINGS CONCENTRATE
110	1429	CAMPBELL GRAB W/ CAMERA	1	GREY-BROWN FINE TO MEDIUM SAND, WITH LARGE AMT HEAVY MINERALS.
110	1430	CAMPBELL GRAB W/ CAMERA	1	DARK GRAY FINE SAND, HIGH PERCENTAGE OF DARK MINERALS.
110	1431	CAMPBELL GRAB W/ CAMERA	1	GY-BRN WELL SORTED VF SAND W/ LARGE AMT OF DARK MINERALS.
110	1432	CAMPBELL GRAB W/ CAMERA	1	GY-BRN FINE TO VF WELL SORTED SAND,W/ DK GY LUMPS OF SILTY MATERIAL.
110	1433	CAMPBELL GRAB W/O CAMERA	2	GY TO DK BRN VF TO SILTY SAND, WITH DK GY SILTY-CLAYEY LUMPS.
110	1434	CAMPBELL GRAB W/O CAMERA	2	DK GY-BRN VF SILTY SAND WITH HIGH PERCENTAGE OF DARK MINERALS.
110	1435	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN WELL SORTED MEDIUM TO VERY COARSE SAND.
110	1436	CAMPBELL GRAB W/O CAMERA	2	LIGHT GREY CLEAN WELL SORTED FINE SAND, WITH SOME BROKEN SHELLS.
110	1437	CAMPBELL GRAB W/O CAMERA	2	DK BRNISH-GY FINE TO MED SAND W/ MANY SHELL FRAGS, GRAVEL TO 1.5 CM.
110	1438	CAMPBELL GRAB W/O CAMERA	2	GRNISH-GY FINE CLEAN WELL-SORTED SAND. MUCH HEAVY MINLS.
110	1439	CAMPBELL GRAB W/O CAMERA	2	BRNISH-GY WELL SORTED MED SAND, OYSTER AND CLAM SHELLS, PIECE OF WOOD
110	1440	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE TO MEDIUM WELL WASHED SAND, SOME SHELL HASH.
110	1441 A	CAMPBELL GRAB W/O CAMERA	2	WHITE-GREY FINE WELL SORTED SAND.
110	1441 B	CAMPBELL GRAB W/O CAMERA	2	BLACK SAND,WASHINGS CONCENTRATE
110	1442	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN FINE UNIFORM SAND.
110	1443 A	CAMPBELL GRAB W/O CAMERA	2	FINE DARK BROWN SAND.
110	1443 B	CAMPBELL GRAB W/O CAMERA	2	DARK GREEN MUD.
110	1444	CAMPBELL GRAB W/O CAMERA	2	LIGHT GREY CLEAN FINE SAND, WITH MUCH SMALL SHELL DEBRIS.
110	1445	CAMPBELL GRAB W/O CAMERA	2	LIGHT GREY FINE SAND, WITH MUCH SHELL DEBRIS.
110	1446	CAMPBELL GRAB W/O CAMERA	2	GY TO YEL-BRN MED SD W/ CORAL (QUESTION) AND SHELL HASH.
110	1447	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN FINE SAND WITH SHELL HASH.
110	1448	CAMPBELL GRAB W/O CAMERA	2	GY-BRN FINE-MED WELL-WASHED SD W/ BRKN SD DOLLARS, OYSTER SHELLS.
110	1449	CAMPBELL GRAB W/O CAMERA	2	FINE SAND, WITH SHELL HASH.
110	1450	CAMPBELL GRAB W/O CAMERA	2	LT GREY UNIFORM WELL SORTED SAND.
110	1451	CAMPBELL GRAB W/O CAMERA	2	GREY COARSE SAND AND SHELLS. ONE LARGE ROCK.
110	1452	CAMPBELL GRAB W/O CAMERA	2	LT GREYISH-BROWN FINE SAND WITH LUMPS OF CALC ROCK AND CORAL TO 12 CM
110	1453	CAMPBELL GRAB W/O CAMERA	2	LT GREY CLEAN WELL SORTED FINE SAND.
110	1454	CAMPBELL GRAB W/O CAMERA	2	GY-GN -BRN SAND, MEDIUM TO FINE, WITH ABUNDANT SHELL HASH.
110	1455	CAMPBELL GRAB W/O CAMERA	2	YEL-BRN CRS TO VERY CRS GRAVELLY SAND, SOME CALCAREOUS PARTICLES.
110	1456	CAMPBELL GRAB W/O CAMERA	2	GY TO GRNISH-BRN GVL W/ CRS SAND AND SHELL HASH, GY MUD BALLS TO 4CM.
110	1457	CAMPBELL GRAB W/O CAMERA	2	BROWN MEDIUM SAND, WITH MUCH SAND-SIZE SHELL MATERIAL.
110	1458	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN COARSE SAND AND SHELL HASH.
110	1459	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN COARSE TO VERY COARSE SAND.
110	1460	CAMPBELL GRAB W/O CAMERA	2	LIGHT GREY FINE WELL SORTED SAND, WITH A FEW SHELL FRAGMENTS.
110	1461	CAMPBELL GRAB W/O CAMERA	2	LIGHT GREY CLEAN WELL SORTED FINE SAND WITH SHELL FRAGMENTS.
110	1462	CAMPBELL GRAB W/O CAMERA	2	GY-GN FINE SD. SAND DOLLAR CONTAINS DK GY SILTY OOZE.
110	1463	CAMPBELL GRAB W/O CAMERA	2	DK GY-GN WELL SORTED SILT, WITH SOME VERY FINE SAND.
110	1464	CAMPBELL GRAB W/O CAMERA	2	GN-BRN VERY FINE SILTY SAND, WITH SOME VERY COARSE SAND.
110	1465 A	CAMPBELL GRAB W/O CAMERA	2	WELL ROUNDED VERY CRS SD AND GVL.
110	1465 B	CAMPBELL GRAB W/O CAMERA	2	STIFF BLUE CLAY.
110	1466	CAMPBELL GRAB W/O CAMERA	2	COARSE WHITE SAND AND GRIT.
110	1467	CAMPBELL GRAB W/O CAMERA	2	BROWN FINE UNIFORM SAND WITH SMALL BROKEN SHELLS.
110	1468	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN CLEAN WELL SORTED FINE SAND.
110	1469	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN CLEAN MEDIUM TO VERY COARSE SAND.
110	1470	CAMPBELL GRAB W/O CAMERA	2	GN-BRN VERY FINE WELL SORTED SAND W/ GY-BLK SILTY LUMPS.
110	1471	CAMPBELL GRAB W/O CAMERA	2	LT GY TO YEL-BRN WELL SORTED MEDIUM TO COARSE SAND.
110	1472	CAMPBELL GRAB W/O CAMERA	2	GY-GRN-BRN SAND, FINE TO VERY COARSE. GRADED BEDDING PERHAPS PRESENT.
110	1473	CAMPBELL GRAB W/O CAMERA	2	CLEAN WHITE UNIFORM FINE SAND.
110	1474	CAMPBELL GRAB W/O CAMERA	2	LT GREY CLEAN FINE SAND, A FEW PEBBLES.
110	1475	CAMPBELL GRAB W/O CAMERA	2	COARSE BROWN SAND, WITH MANY SHELL FRAGMENTS.
110	1476	CAMPBELL GRAB W/O CAMERA	2	BROWN MED TO CRS CLEAN SAND, WITH MANY SHELL FRAGMENTS.
110	1477	CAMPBELL GRAB W/O CAMERA	2	GY-GN FINE TO MED SAND, WELL WASHED, ABUNDANT DARK MINERALS.
110	1478	CAMPBELL GRAB W/O CAMERA	2	GY-GN MED TO CRS SAND, WITH ABUNDANT SHELL FRAGMENTS.
110	1479	CAMPBELL GRAB W/O CAMERA	2	WHITE-LT GY CLEAN WELL SORTED FINE TO MED SAND, BROKEN SHELLS.
110	1480	CAMPBELL GRAB W/O CAMERA	2	LT GY FINE TO MED WELL SORTED SAND.
110	1481	CAMPBELL GRAB W/O CAMERA	2	LT GY POORLY SORTED SAND, WITH BROKEN SHELLS.
110	1482	CAMPBELL GRAB W/O CAMERA	2	LT GY FINE CLEAN SAND, WITH MANY SHELL FRAGMENTS.
110	1483	CAMPBELL GRAB W/O CAMERA	2	GY CLEAN WELL SORTED FINE SAND WITH SHELL FRAGMENTS.
110	1484	CAMPBELL GRAB W/O CAMERA	2	GY-GN FINE TO MED SAND, WELL SORTED, MUCH DK MINLS, SHELL HASH.
110	1485	CAMPBELL GRAB W/O CAMERA	2	BROWNISH-GREY-GN FINE TO MED VERY SHELLY SAND, ABUNDANT DARK MINLS.
110	1486 A	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN FINE SAND WITH SHELL AND CORAL DEBRIS, OYSTER SHELL.
110	1486 B	CAMPBELL GRAB W/O CAMERA	2	FIRM GREEN CLAY-SHALE, HOMOGENEOUS,NON-SANDY.
110	1487	CAMPBELL GRAB W/O CAMERA	2	LT GREY POORLY SORTED MED TO CRS CLEAN SAND, LUMPS OF GREY CLAY.
110	1488 A	CAMPBELL GRAB W/O CAMERA	2	GREY FINE TO MEDIUM WELL SORTED SAND, CLAY LUMPS, SHELLS.
110	1488 B	CAMPBELL GRAB W/O CAMERA	2	CLAY
110	1488 C	CAMPBELL GRAB W/O CAMERA	2	BLACK SAND CONCENTRATE
110	1489	CAMPBELL GRAB W/O CAMERA	2	LT GREY FINE TO MEDIUM UNIFORM SAND.
110	1490	CAMPBELL GRAB W/O CAMERA	2	GREY CLEAN MEDIUM SAND WITH MANY SHELL FRAGMENTS.
110	1491	CAMPBELL GRAB W/O CAMERA	2	LT GREY WELL SORTED FINE SAND WITH MANY SHELL FRAGMENTS.
110	1492	CAMPBELL GRAB W/O CAMERA	2	LT BROWN MED SAND, WITH APPRECIABLE MATERIAL IN FINE AND VCRS SIZES.
110	1493	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE TO MED CLEAN SAND, SOME VCRS TO GRAVELLY MATERIAL.
110	1494	CAMPBELL GRAB W/O CAMERA	2	LT BRN MED TO CRS CLEAN SAND. WORM TUBES, MUCH SHELL MATERIAL.
110	1495	CAMPBELL GRAB W/O CAMERA	2	LT GREY MED TO CRS CLEAN SAND WITH SHELLS.
110	1496	CAMPBELL GRAB W/O CAMERA	2	BROWN VERY FINE UNIFORM SAND.
110	1497	CAMPBELL GRAB W/O CAMERA	2	LT GREY MED TO CRS QUARTZ SAND, LITTLE SHELL.
110	1498	CAMPBELL GRAB W/O CAMERA	2	GREY FINE SAND, CLEAN AND WELL SORTED, WITH SHELL FRAGMENTS.
110	1499	CAMPBELL GRAB W/O CAMERA	2	BROWN VERY FINE SAND, W/ MUD BALLS OF VERY SOFT BLACK CLAY AND SILT.
110	1500	CAMPBELL GRAB W/O CAMERA	2	LT GREENISH-GREY MED TO CRS SAND WITH BLACK SILTY LUMPS, SHELL FRAGS.
110	1501	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE SAND WITH PIECES OF SHELL.
110	1502	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE TO MED SAND, MUCH SHELL DEBRIS, STAINED BLACK.
110	1503 A	CAMPBELL GRAB W/O CAMERA	2	MED TO CRS WHITE SAND AND SURFACE MUD.
110	1503 B	CAMPBELL GRAB W/O CAMERA	2	CLAY
110	1504	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE TO MEDIUM QUARTZ SAND.

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110	1505	CAMPBELL GRAB W/O CAMERA	2	MED TO COARSE POORLY SORTED WHITE SAND.
110	1506	CAMPBELL GRAB W/O CAMERA	2	FINE TO VERY COARSE SAND WITH MUCH PINK SHELL DEBRIS.
110	1507	CAMPBELL GRAB W/O CAMERA	2	MEDIUM TO FINE GREY SAND WITH SOME SHELL HASH.
110	1508 A	CAMPBELL GRAB W/O CAMERA	2	GN -GY-BRN FINE TO MEDIUM SAND WITH ABUNDANT SHELLS.
110	1508 B	CAMPBELL GRAB W/O CAMERA	2	GN -GY-BLK CLAYEY-SILTY SAND, H2S ODOR ONLY WHEN ACID ADDED.
110	1509 A	CAMPBELL GRAB W/O CAMERA	2	VERY FINE GN -GY-BRN SAND, SCATTERED SHELL AND CORAL FRAGMENTS.
110	1509 B	CAMPBELL GRAB W/O CAMERA	2	DARK GREEN-GREY CLAYEY SILT.
110	1510	CAMPBELL GRAB W/O CAMERA	2	WHITE MED TO CRS CLEAN SAND AND SHELL.
110	1511	CAMPBELL GRAB W/O CAMERA	2	LT GREY CLEAN CRS SAND AND SHELL, FAIRLY WELL SORTED.
110	1512	CAMPBELL GRAB W/O CAMERA	2	LT GREY MED TO CRS QTZ SAND WITH SHELLS.
110	1513	CAMPBELL GRAB W/O CAMERA	2	LT GREY CLEAN WELL SORTED FINE SAND WITH SHELL FRAGMENTS.
110	1514 A	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 B	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 C	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 D	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 E	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 F	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 G	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 H	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1514 I	CAMPBELL GRAB W/O CAMERA	2	DK GREY SILTY CLAY, WITH MANY SHELLS.
110	1515	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN MUD, STICKY.
110	1516	CAMPBELL GRAB W/O CAMERA	2	GREY STICKY MUD.
110	1517	CAMPBELL GRAB W/O CAMERA	2	FINE BROWN SAND.
110	1518	CAMPBELL GRAB W/O CAMERA	2	DARK GREY SILTY CLAY, 15 PERCENT SHELL AND GRAVEL.
110	1519	CAMPBELL GRAB W/O CAMERA	2	DARK GREY-BLK SANDY AND CLAYEY SILT.
110	1520	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN SANDY SILT, SEVERAL 1-2 CM PEBBLES.
110	1521	CAMPBELL GRAB W/O CAMERA	2	BROWN-GREY FINE TO MED SAND WITH FINELY DIVIDED SHELL MATERIAL.
110	1522	CAMPBELL GRAB W/O CAMERA	2	GREY MEDIUM SAND, WITH ABUNDANT SHELLS.
110	1523	CAMPBELL GRAB W/O CAMERA	2	GREEN AND WHITE FINE SAND.
110	1524	CAMPBELL GRAB W/O CAMERA	2	DARK GREY TO BROWN SHELL SAND.
110	1525	CAMPBELL GRAB W/O CAMERA	2	GREYISH BROWN FINE TO MEDIUM SAND WITH MANY SHELL FRAGMENTS.
110	1526	CAMPBELL GRAB W/O CAMERA	2	GREY SILTY CLAYEY FINE SAND, MORE BROWN AT SURFACE.
110	1527	CAMPBELL GRAB W/O CAMERA	2	CALCAREOUS SAND, LARGELY SHELL FRAGMENTS, WITH SOME FINE QTZ SAND.
110	1528	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN MED TO VERY CRS CARBONATE SAND WITH GRAVEL TO 4 CM.
110	1529	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN FINE TO VCRS CARBONATE SHELL SAND, SOME QTZ SAND.
110	1530	CAMPBELL GRAB W/O CAMERA	2	COARSE SAND AND SHELL.
110	1531	CAMPBELL GRAB W/O CAMERA	2	QUARTZ SAND WITH MUCH SHELL.
110	1532	CAMPBELL GRAB W/O CAMERA	2	SHELLY FINE SAND.
110	1533	CAMPBELL GRAB W/O CAMERA	2	VERY FINE CALCAREOUS SAND AND SHELL.
110	1534	CAMPBELL GRAB W/O CAMERA	2	MEDIUM TO COARSE CALCAREOUS SAND WITH SOME SHELLS.
110	1535	CAMPBELL GRAB W/O CAMERA	2	BROWN CALCAREOUS SAND WITH LARGE AMT OF SHELL FRAGMENTS.
110	1536	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN FINE TO MEDIUM CARBONATE SAND.
110	1537 A	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN FINE CALC SAND WITHABOUT 50 PCT QUARTZ SAND.
110	1537 B	CAMPBELL GRAB W/O CAMERA	2	DARK SULFIDE-IMPREGNATED FINE SAND.
110	1538 A	CAMPBELL GRAB W/O CAMERA	2	MED-CRS VERY CLEAN QUARTZ SAND WITH BROKEN FRAGMENTS OF PELECYPODS.
110	1538 B	CAMPBELL GRAB W/O CAMERA	2	GREY-BLACK, SULFIDE IMPREGNATED,TOP OF SAMPLE.
110	1539	CAMPBELL GRAB W/O CAMERA	2	COARSE SAND AND SHELL.
110	1540	CAMPBELL GRAB W/O CAMERA	2	SHELL HASH.
110	1541	CAMPBELL GRAB W/O CAMERA	2	CARBONATE OOZE.
110	1542	CAMPBELL GRAB W/O CAMERA	2	LT GREENISH-GREY FINE SILTY CALCAREOUS SAND W/ SHELL FRAGMENTS.
110	1543	CAMPBELL GRAB W/O CAMERA	2	BROWN COARSE CALCAREOUS SAND, POORLY SORTED.
110	1544	CAMPBELL GRAB W/O CAMERA	2	ORANGE-BROWN COARSE TO GRAVELLY SHELL SAND.
110	1545 A	CAMPBELL GRAB W/O CAMERA	2	COARSE SHELL AND SANDY GRAVEL.
110	1545 B	CAMPBELL GRAB W/O CAMERA	2	HARD CEMENTED SHELLY ROCK WITH GLAUCONITE. PARTLY RECRYSTALLIZED.
110	1546	CAMPBELL GRAB W/O CAMERA	2	COARSE PELECYPOD SHELL SAND WITH SOFT GREEN-GRAY MUD BALLS.
110	1547	CAMPBELL GRAB W/O CAMERA	2	FINE BROWN SAND.
110	1548	CAMPBELL GRAB W/O CAMERA	2	COARSE SHELLY SAND.
110	1549	CAMPBELL GRAB W/O CAMERA	2	SHELL HASH.
110	1550	CAMPBELL GRAB W/O CAMERA	2	SHELL HASH, SOME GRAVEL.
110	1551	CAMPBELL GRAB W/O CAMERA	2	GREY FINE SAND, BOTH CALCAREOUS AND QUARTZOSE.
110	1552	CAMPBELL GRAB W/O CAMERA	2	GREY FINE QUARTZOSE SAND, NO SHELL FRAGMENTS.
110	1553	CAMPBELL GRAB W/O CAMERA	2	FINE TO COARSE CALCAREOUS SAND WITH SPONGE AND CORAL GROWTH.
110	1554	CAMPBELL GRAB W/O CAMERA	2	COARSE CORAL-ALGAL SAND. SOME FINE CARBONATE OOZE.
110	1555	CAMPBELL GRAB W/O CAMERA	2	LT YEL-BRN-GY FINE TO VCRS ALGAL SAND WITH CORAL GROWTHS.
110	1556	CAMPBELL GRAB W/O CAMERA	2	CARBONATE MUD AND CORAL.
110	1557	CAMPBELL GRAB W/O CAMERA	2	CARBONATE MUD AND CORAL.
110	1558	CAMPBELL GRAB W/O CAMERA	2	CARBONATE MUD AND CORAL.
110	1559	CAMPBELL GRAB W/O CAMERA	2	CREAM UNIFORM MEDIUM SAND.
110	1560	CAMPBELL GRAB W/O CAMERA	2	FINE SILT AND CLAY.
110	1561	CAMPBELL GRAB W/O CAMERA	2	YEL-BRN VF CALC FORAM OOZE WITH PTEROPOD SHELLS.
110	1562	CAMPBELL GRAB W/O CAMERA	2	BROWN SILTY CLAY-OOZE.
110	1563	CAMPBELL GRAB W/O CAMERA	2	BROWN SANDY GLOBIGERINA OOZE.
110	1564	CAMPBELL GRAB W/O CAMERA	2	GREY FINE TO COARSE CALCAREOUS SAND.
110	1565	CAMPBELL GRAB W/ CAMERA	1	LT YEL-BRN PURE CALC SAND.
110	1566	CAMPBELL GRAB W/ CAMERA	1	LT YELLOW BROWN FINE TO COARSE CALCAREOUS SAND.
110	1567	CAMPBELL GRAB W/ CAMERA	1	LT YEL-GREY CALC MUD. SOME GLAUCONITE GRAINS, MAY BE FORAM REPLACMTS.
110	1568	CAMPBELL GRAB W/ CAMERA	1	LT YEL-GREY CALC MUD. NUMEROUS GRITTY SHELL AND ROCK FRAGMENTS.
110	1569	CAMPBELL GRAB W/ CAMERA	1	YEL-GREY CALC MUD, POORLY SORTED, CLAY TO COARSE SAND SIZE.
110	1570	CAMPBELL GRAB W/ CAMERA	1	CARBONATE OOZE, WITH MUCH SHELL DEBRIS.
110	1571	CAMPBELL GRAB W/ CAMERA	1	SHELLY CARBONATE OOZE, WITH CORAL DEBRIS.
110	1572	CAMPBELL GRAB W/ CAMERA	1	LT YEL-BROWN SANDY SHELLY CARBONATE CLAY.
110	1573	CAMPBELL GRAB W/ CAMERA	1	LT YEL-BROWN SANDY CALCAREOUS CLAY.
110	1574	CAMPBELL GRAB W/ CAMERA	1	LT YEL-GREY MED TO COARSE CALCAREOUS SAND, BKN SHELL FRAGMENTS.
110	1575	CAMPBELL GRAB W/ CAMERA	1	LT YEL-GREY POORLY SORTED CALC MUD, SILT TO COARSE SAND SIZE.
110	1576	CAMPBELL GRAB W/ CAMERA	1	YEL-BRN-GY VFINE TO VCRS CARBONATE MUD, PTEROPOD SHELLS.
110	1577	CAMPBELL GRAB W/O CAMERA	2	NO SAMPLE.
110	1578	CAMPBELL GRAB W/O CAMERA	2	FORAM SAND.
110	1579 A	CAMPBELL GRAB W/O CAMERA	2	FORAM SAND.
110	1579 B	CAMPBELL GRAB W/O CAMERA	2	HARD 1CM LUMPS
110	1580 A	CAMPBELL GRAB W/O CAMERA	2	LT REDDISH-BRN FINE TO MED FORAM SAND, MOLLUSCS, GASTROPODS,GLAUCON

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110	1580 B	CAMPBELL GRAB W/8 CAMERA	2	LT GREY FINE FORAM SAND.
110	1581	CAMPBELL GRAB W/8 CAMERA	2	YEL-BRN FORAM SD, MED-CRS, SOME CEMENTED FORAM SAND.
110	1582 A	CAMPBELL GRAB W/8 CAMERA	2	PIECES OF PHOSPH-CARBONATE, WITH BLACK MANGANESE VENEER.
110	1582 B	CAMPBELL GRAB W/8 CAMERA	2	PARTLY CEMENTED FORAM OOZE.
110	1583 A	CAMPBELL GRAB W/8 CAMERA	2	BROWN CLEAN SANDY GLOBIGERINA OOZE.
110	1583 B	CAMPBELL GRAB W/8 CAMERA	2	LUMPS OF HARD CARBONATE
110	1584	CAMPBELL GRAB W/8 CAMERA	2	BROWN INDURATED GLOBIGERINA OOZE.
110	1585	CAMPBELL GRAB W/8 CAMERA	2	LIGHT BROWN SANDY FORAM AND PTEROPOD OOZE.
110	1586 A	CAMPBELL GRAB W/8 CAMERA	2	SOFT, FLUID LT BROWN CLAY WITH FORAMS.
110	1586 B	CAMPBELL GRAB W/8 CAMERA	2	STIFF LT GREY CLAY WITH FORAMS, LOW WATER CONTENT.
110	1587	CAMPBELL GRAB W/8 CAMERA	2	BROWN AND WHITE GLOBIGERINA OOZE WITH VARIED CARBONATE FRAGMENTS.
110	1588	CAMPBELL GRAB W/8 CAMERA	2	YELLOW-BROWN FORAM SAND WITH MANY PTEROPOD SHELLS.
110	1589	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN TO YEL-GREY FORAM SAND, CORALS, GASTROPODS.
110	1590	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN WELL SORTED GLOBIGERINA SAND, SOME PTEROPODS.
110	1591	CAMPBELL GRAB W/8 CAMERA	2	BROWN GLOBIGERINA OOZE. SESSIL ORGANISMS INDICATE ROCK BOTTOM.
110	1592	CAMPBELL GRAB W/8 CAMERA	2	LT ORANGE-BRN CLAY,TOP,HIGH WATER CONTENT,LT GY PLASTIC CLAY
110	1593	CAMPBELL GRAB W/8 CAMERA	2	LT YEL-GREY FORAM SAND WITH PTEROPODS. WELL WASHED, WELL SORTED.
110	1594	CAMPBELL GRAB W/8 CAMERA	2	LT YEL-GREY FORAM SAND WITH MUCH PTEROPOD DEBRIS,WELL WASHED
110	1595	CAMPBELL GRAB W/8 CAMERA	2	YEL-GN -GREY FORAM MUD, POORLY SORTED. GLAUCONITE. WOOD.
110	1596	CAMPBELL GRAB W/8 CAMERA	2	LT BRN CLEAN FORAM SAND WITH PTEROPODS.
110	1597 A	CAMPBELL GRAB W/8 CAMERA	2	LIGHT GREY SILTY CLAY
110	1597 B	CAMPBELL GRAB W/8 CAMERA	2	SOFT BROWN SURFACE OOZE.
110	1598	CAMPBELL GRAB W/8 CAMERA	2	GREY-BROWN CARBONATE AND GLOBIGERINA OOZE.
110	1599	CAMPBELL GRAB W/8 CAMERA	2	LT BRN CARB. OOZE-CLAY ABOVE LT GREY STIFF CLAY. FORAMS IN BOTH.
110	1600	CAMPBELL GRAB W/8 CAMERA	2	FORAM SAND WITH PTEROPODS AND OTHER SHELLS.
110	1601 A	CAMPBELL GRAB W/8 CAMERA	2	BROWN WELL WASHED FORAM SAND, CORAL.
110	1601 B	CAMPBELL GRAB W/O CAMERA	2	MN COVERED PITTED PHOS CONCRETIONS
110	1602	CAMPBELL GRAB W/8 CAMERA	2	LT BRN FORAM MUD, BRN CORAL, SOME GLAUCONITE FILLINGS.
110	1603	CAMPBELL GRAB W/8 CAMERA	2	BUFF GLOBIG. MUD, SOME GLAUC, PHOS GRANULES, MN COVERING.
110	1604	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN CARB. SAND AND MUD. PTEROPODS AND GLOBIGERINA OOZE.
110	1605	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN GLOBIGERINA OOZE.
110	1606	CAMPBELL GRAB W/8 CAMERA	2	BROWN GLOBIGERINA OOZE WITH CORAL FRAGMENTS.
110	1607	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN FORAM SAND.
110	1608	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN FORAM OOZE, PO4 NODULES TO 2CM.
110	1609	CAMPBELL GRAB W/8 CAMERA	2	BUFF FINE FORAM SAND.
110	1610	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN GLOBIGERINA SAND, NUMEROUS BROWN TUBES 1MM DIAMETER.
110	1611	CAMPBELL GRAB W/8 CAMERA	2	CARBONATE SAND, PRIMARILY PTEROPODS.
110	1612	CAMPBELL GRAB W/8 CAMERA	2	GREY-BROWN MED SAND, 50 PCT FORAMS, 50 PCT SHELL AND QUARTZ.
110	1613	CAMPBELL GRAB W/8 CAMERA	2	SHELLY CARBONATE SAND, GLOBIGERINA OOZE.
110	1614	CAMPBELL GRAB W/8 CAMERA	2	BROWN MUDDY SAND.
110	1615	CAMPBELL GRAB W/8 CAMERA	2	CORAL FRAGMENTS.
110	1616	CAMPBELL GRAB W/8 CAMERA	2	BROWN GLOB. SAND, PTEROPODS, HORN CORALS.
110	1617 A	CAMPBELL GRAB W/8 CAMERA	2	REDDISH FORAM AND PTEROPOD DEBRIS.
110	1617 B	CAMPBELL GRAB W/8 CAMERA	2	GREY CALCAREOUS MUD.
110	1618	CAMPBELL GRAB W/8 CAMERA	2	YEL-GREY-BRN FINE SILTY SAND.
110	1619	CAMPBELL GRAB W/8 CAMERA	2	LT GREY-BROWN STICKY SILTY CLAY. H2S ODOR
110	1620	CAMPBELL GRAB W/8 CAMERA	2	LT GREY POORLY SORTED SHELL SAND.
110	1621	CAMPBELL GRAB W/8 CAMERA	2	LT GREY POORLY SORTED SHELL SAND.
110	1622	CAMPBELL GRAB W/8 CAMERA	2	BROWNISH GREEN SILTY CLAY WITH SHELL FRAGMENTS TO 2MM.
110	1623	CAMPBELL GRAB W/8 CAMERA	2	GREEN SILTY CLAY WITH SHELLS TO 2MM.
110	1624 A	CAMPBELL GRAB W/8 CAMERA	2	GY-GN -BRN SILTY VFINE CALCAREOUS SAND.
110	1624 B	CAMPBELL GRAB W/8 CAMERA	2	GREENISH-BROWN SILTY CLAY.
110	1625	CAMPBELL GRAB W/8 CAMERA	2	GREEN TO GREY-BROWN SILT, PRIMARILY CALC, WITH SOME QTZ.
110	1626	CAMPBELL GRAB W/8 CAMERA	2	GREEN-GREY CALC CLAYEY SILT.
110	1627	CAMPBELL GRAB W/8 CAMERA	2	STICKY OLIVE-GREEN MUD.
110	1628	CAMPBELL GRAB W/8 CAMERA	2	MUDDY-SILTY GLOBIGERINA OOZE, GREY TO BROWN.
110	1629	CAMPBELL GRAB W/8 CAMERA	2	BROWN GLOBIGERINA OOZE.
110	1630	CAMPBELL GRAB W/8 CAMERA	2	LT BROWN FORAM OOZE W/ MANY CORAL STALKS TO 20CM.
110	1631	CAMPBELL GRAB W/8 CAMERA	2	YEL-GREY-BRN CALC MUD, FINE SILT TO FINE SAND.
110	1632	CAMPBELL GRAB W/8 CAMERA	2	GREY-GREEN STIFF STICKY CALC MUD, SOME PTEROPOD FRAGMENTS.
110	1633	CAMPBELL GRAB W/8 CAMERA	2	GREEN CALC CLAY.
110	1634	CAMPBELL GRAB W/8 CAMERA	2	YEL-GREY-BRN SILTY CLAY, H2S ODOR.
110	1635	CAMPBELL GRAB W/8 CAMERA	2	YEL-GREY-BRN SILTY CLAY.
110	1636	CAMPBELL GRAB W/8 CAMERA	2	BROWNISH-GREY POORLY SORTED SILTY SAND.
110	1637	CAMPBELL GRAB W/8 CAMERA	2	BROWNISH-GREEN SILTY CLAY.
110	1638	CAMPBELL GRAB W/8 CAMERA	2	BROWNISH-GREEN SANDY CLAY.
110	1639	CAMPBELL GRAB W/8 CAMERA	2	GREEN-GREY STICKY CALCAREOUS CLAY.
110	1640	CAMPBELL GRAB W/8 CAMERA	2	NO SAMPLE.
110	1641	CAMPBELL GRAB W/8 CAMERA	2	GLOBIGERINA OOZE, WITH PTEROPODS AND CORAL FRAGMENTS.
110	1642	CAMPBELL GRAB W/8 CAMERA	2	GLOBIGERINA-PTEROPOD OOZE.
110	1643	CAMPBELL GRAB W/8 CAMERA	2	CREAM CARBONATE MUD, CORAL.
110	1644	CAMPBELL GRAB W/8 CAMERA	2	STIFF GREY-BUFF CALC MUD, ABUNDANT CORAL BRANCHES.
110	1645	CAMPBELL GRAB W/8 CAMERA	2	GREY POORLY SORTED CALC MUD, WITH FORAMS AND BROWN CORAL.
110	1646	CAMPBELL GRAB W/8 CAMERA	2	CORAL DEBRIS, PTEROPODS, SOME GLOBIGERINA MUD.
110	1647	CAMPBELL GRAB W/8 CAMERA	2	CREAM CARBONATE MUD, COVERED BY LT BRN GLOB OOZE.
110	1648	CAMPBELL GRAB W/8 CAMERA	2	CREAM CARBONATE MUD, CORALS, PTEROPODS.
110	1649	CAMPBELL GRAB W/8 CAMERA	2	LT BRN POORLY SORTED GLOBIGERINA PTEROPOD OOZE.
110	1650	CAMPBELL GRAB W/8 CAMERA	2	LT BRN GLOBIGERINA OOZE.
110	1651	CAMPBELL GRAB W/8 CAMERA	2	BRN, WHITE, AND VERY DARK GLOBIGERINA OOZE, SOME PTEROPODS.
110	1652	CAMPBELL GRAB W/8 CAMERA	2	TWO PIECES OF CORAL.
110	1653	CAMPBELL GRAB W/8 CAMERA	2	CREAM CARBONATE MUD WITH CORAL MATERIAL.
110	1654	CAMPBELL GRAB W/8 CAMERA	2	GLOB OOZE, SCATTERED CORAL.
110	1655	CAMPBELL GRAB W/8 CAMERA	2	CORAL-BANK MATERIAL.
110	1656	CAMPBELL GRAB W/8 CAMERA	2	LT BRN FORAM OOZE, DK MINERALS.
110	1657 A	CAMPBELL GRAB W/8 CAMERA	2	GLAUCONITIC GREENSAND.
110	1657 B	CAMPBELL GRAB W/8 CAMERA	2	PURER GLAUCONITE THAN IN 1657A.
110	1658	CAMPBELL GRAB W/8 CAMERA	2	GREY-GREEN CLEAN MED WELL-SORTED QTZ SAND, CARB DETRITUS, GLAUCONITE.
110	1659	CAMPBELL GRAB W/8 CAMERA	2	BROWN CLEAN COARSE QUARTZ SAND AND SHELL.
110	1660	CAMPBELL GRAB W/8 CAMERA	2	BROWN WELL SORTED CLEAN COARSE QUARTZ SAND.
110	1661	CAMPBELL GRAB W/8 CAMERA	2	LT GREY CLEAN MED TO COARSE QUARTZ SAND.

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	1662	VAN VEEN GRAB	5	LT BROWNISH-GREY COARSE QUARTZ SAND.
110	1663	VAN VEEN GRAB	5	LT BROWNISH-GREY MED TO COARSE SAND.
110	1664	VAN VEEN GRAB	5	LT BROWN-YEL-GREY MED TO COARSE SAND, SOME SHELL PARTICLES.
110	1665	VAN VEEN GRAB	5	MEDIUM QUARTZOSE SAND.
110	1666	VAN VEEN GRAB	5	MEDIUM QUARTZOSE SAND.
110	1667	VAN VEEN GRAB	5	LT GREY MED SAND WITH SHELL FRAGMENTS.
110	1668	VAN VEEN GRAB	5	LT BROWNISH-GREY CRS SAND WITH SHELLS.
110	1669	VAN VEEN GRAB	5	GRN-GY VCRS CLEAN SD, BKN SH FRAGS, GLAUC, HEAVY MINERALS.
110	1670	VAN VEEN GRAB	5	GREY CLEAN CRS TO VCRS QUARTZ SAND.
110	1671	VAN VEEN GRAB	5	GREY-BROWN CLEAN COARSE QUARTZ SAND.
110	1672	VAN VEEN GRAB	5	GREY CLEAN COARSE QUARTZ SAND.
110	1673	CAMPBELL GRAB W/O CAMERA	2	GREY POORLY SORTED SAND, CHUNKS OF REEF-TYPE MATERIAL.
110	1674	CAMPBELL GRAB W/O CAMERA	2	BROWNISH-GREY FINE TO MEDIUM SAND, SHELL HASH.
110	1675	CAMPBELL GRAB W/ CAMERA	1	GREY WELL SORTED FINE SAND.
110	1676	CAMPBELL GRAB W/ CAMERA	1	GREY WELL SORTED FINE SAND.
110	1677	CAMPBELL GRAB W/ CAMERA	1	GREY-GREEN MED-FINE SAND.
110	1678	CAMPBELL GRAB W/ CAMERA	1	GREY COARSE SAND, SOME SHELL.
110	1679	CAMPBELL GRAB W/ CAMERA	1	LT GREY FINE SAND.
110	1680	CAMPBELL GRAB W/ CAMERA	1	FINE WELL SORTED SAND, PELECYPODS.
110	1681	CAMPBELL GRAB W/ CAMERA	1	FINE TO COARSE SAND, 20 PCT SHELL.
110	1682	CAMPBELL GRAB W/ CAMERA	1	GREY FINE TO COARSE SAND, SOME SHELL, ABUNDANT HEAVY MINERALS.
110	1683	CAMPBELL GRAB W/ CAMERA	1	GREY FINE TO MEDIUM SAND, SHELLS, FORAMS.
110	1684	CAMPBELL GRAB W/ CAMERA	1	GREY FINE TO MEDIUM SAND.
110	1685	CAMPBELL GRAB W/ CAMERA	1	GREY FINE SAND, 20 PCT SHELL.
110	1686	CAMPBELL GRAB W/ CAMERA	1	GREY SAND WITH SHELL HASH.
110	1687	CAMPBELL GRAB W/ CAMERA	1	GREY FINE TO MEDIUM SAND, ABUNDANT PELECYPODS.
110	1688	CAMPBELL GRAB W/ CAMERA	1	GREY SAND, SHELL HASH.
110	1689	CAMPBELL GRAB W/ CAMERA	1	GREY FINE SAND.
110	1690	CAMPBELL GRAB W/ CAMERA	1	GREY CLEAN COARSE SAND AND SHELL HASH.
110	1691	CAMPBELL GRAB W/ CAMERA	1	GREY COARSE SAND.
110	1692	CAMPBELL GRAB W/ CAMERA	1	GREY CLEAN COARSE SAND AND SHELLS.
110	1693	CAMPBELL GRAB W/ CAMERA	1	LT YELLOW SHELL HASH, MOSTLY PELECYPODS.
110	1694	CAMPBELL GRAB W/ CAMERA	1	MOSTLY SHELL, WITH SOME GREY SAND.
110	1695	CAMPBELL GRAB W/ CAMERA	1	GREY TO YELLOW COQUINA.
110	1696	CAMPBELL GRAB W/ CAMERA	1	POORLY SORTED FINE TO COARSE SAND.
110	1697	CAMPBELL GRAB W/ CAMERA	1	GREY CLEAN SANDSTONE, WITH 20 PCT SHELLS.
110	1698	CAMPBELL GRAB W/ CAMERA	1	GREY-GREEN SAND WITH 20 PCT SHELL.
110	1699	CAMPBELL GRAB W/ CAMERA	1	FINE SAND WITH BLACK SPECKS.
110	1700	CAMPBELL GRAB W/ CAMERA	1	MEDIUM TO COARSE CLEAN SAND.
110	1701	CAMPBELL GRAB W/ CAMERA	1	BROWN TO GREY FINE TO COARSE QUARTZ SAND.
110	1702	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM TO VERY COARSE SAND.
110	1703	CAMPBELL GRAB W/ CAMERA	1	FINE GREY SAND, WITH ABOUT 15 PCT SHELL HASH.
110	1704	CAMPBELL GRAB W/ CAMERA	1	GREY-GREEN MEDIUM-COARSE SAND.
110	1705	CAMPBELL GRAB W/ CAMERA	1	GREEN FINE TO COARSE SAND.
110	1706	CAMPBELL GRAB W/ CAMERA	1	LT GREY MEDIUM TO COARSE WELL SORTED CLEAN SAND.
110	1707	CAMPBELL GRAB W/O CAMERA	2	LT GREY-BROWN FINE TO COARSE CLEAN SAND.
110	1708	CAMPBELL GRAB W/O CAMERA	2	BROWN FINE SAND.
110	1709	CAMPBELL GRAB W/O CAMERA	2	COARSE SAND WITH PHOSPHATE ROCK AND SHELL.
110	1710	CAMPBELL GRAB W/O CAMERA	2	TAN SHELL HASH, 60 PCT, WITH FINE BROWN SAND, 40 PCT.
110	1711	CAMPBELL GRAB W/O CAMERA	2	TAN SAND, WITH SHELL HASH.
110	1712	CAMPBELL GRAB W/ CAMERA	1	TAN SANDSTONE, WITH SHELL HASH
110	1713	CAMPBELL GRAB W/ CAMERA	1	BROWN MEDIUM SAND, CARBONATE.
110	1714	CAMPBELL GRAB W/ CAMERA	1	BROWN-GREEN FINE TO MEDIUM SAND.
110	1715	CAMPBELL GRAB W/O CAMERA	2	BROWN SAND WITH SHELLS AND CORAL FRAGMENTS.
110	1716	CAMPBELL GRAB W/O CAMERA	2	GREENISH-GREY FINE TO MEDIUM SAND, WITH 70 PCT SHELL.
110	1717	CAMPBELL GRAB W/O CAMERA	2	GREENISH-GREY FINE TO COARSE SAND.
110	1718	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE SAND AND SILT.
110	1719	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN FINE SAND AND SILT.
110	1720	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN POORLY SORTED SAND. GLAUCONITE SPECKS.
110	1721	CAMPBELL GRAB W/O CAMERA	2	GREY-GREEN MUDDY FINE SAND AND SILT.
110	1722	CAMPBELL GRAB W/O CAMERA	2	OLIVE-GREEN MUD, SOME SHELL INLAYERS.
110	1723	CAMPBELL GRAB W/O CAMERA	2	OLIVE-GREEN MUD, SOME SHELL.
110	1724	CAMPBELL GRAB W/O CAMERA	2	OLIVE-GREEN-GREY OOZE.
110	1725	CAMPBELL GRAB W/O CAMERA	2	GREEN-GREY SILTY OOZE, SOME SHELL.
110	1726	CAMPBELL GRAB W/O CAMERA	2	GREEN-GREY SILTY OOZE, SOME SHELL.
110	1727	CAMPBELL GRAB W/O CAMERA	2	GREEN-GREY SILTY OOZE.
110	1728	CAMPBELL GRAB W/O CAMERA	2	GREEN-GREY SILTY OOZE.
110	1729	CAMPBELL GRAB W/O CAMERA	2	BROWN SLIGHTLY MUDDY GLOBIGERINA OOZE, CORAL, P04, MANGANESE.
110	1730 A	CAMPBELL GRAB W/O CAMERA	2	GLAUCONITE RICH FORAM OOZE.
110	1730 B	CAMPBELL GRAB W/O CAMERA	2	GLAUCONITE RICH FORAM OOZE.
110	1731	CAMPBELL GRAB W/O CAMERA	2	GLOBIG. OOZE, CORALS, P04-MN.
110	1732	CAMPBELL GRAB W/O CAMERA	2	TAN MUD.
110	1733	CAMPBELL GRAB W/O CAMERA	2	LT BROWN SAND WITH LARGE AMTS OF CORAL BRANCHES.
110	1734	CAMPBELL GRAB W/O CAMERA	2	FINE GREY SILTY SAND WITH MANY CORAL BRANCHES.
110	1735	CAMPBELL GRAB W/O CAMERA	2	LT BROWN SAND WITH SOME BLACK GRAINS.
110	1736	CAMPBELL GRAB W/O CAMERA	2	GREY-BROWN MUDDY CARBONATE SAND WITH MUCH GLAUCONITE.
110	1737	CAMPBELL GRAB W/O CAMERA	2	BROWN SLIGHTLY MUDDY GLOB. OOZE, MUCH GLAUC AND MANGANESE.
110	1738	CAMPBELL GRAB W/O CAMERA	2	CALCAREOUS SAND WITH GLAUCONITE.
110	1739	CAMPBELL GRAB W/O CAMERA	2	SHELL HASH, SOME CORAL.
110	1740	CAMPBELL GRAB W/O CAMERA	2	LIGHT BROWN SAND, GLOBIGERINA OOZE.
110	1741	CAMPBELL GRAB W/O CAMERA	2	PTEROPOD OOZE, FORAMS.
110	1742	CAMPBELL GRAB W/O CAMERA	2	GLOB. OOZE, PTEROPODS,CORAL + CARBONATE RK FRAGS.
110	1743	CAMPBELL GRAB W/O CAMERA	2	BROWN GLOB. OOZE, CORAL DEBRIS AND A FEW LIMESTONE CHU
110	1744	CAMPBELL GRAB W/O CAMERA	2	GLOB. OOZE.
110	1745	CAMPBELL GRAB W/ CAMERA	1	LT BROWN SAND AND SHELL HASH, SEVERAL DARK ROCKS.
110	1746	CAMPBELL GRAB W/ CAMERA	1	GREENISH MEDIUM SAND.
110	1747	CAMPBELL GRAB W/ CAMERA	1	BROWN MUDDY GLOB OOZE, MUCH GLAUCONITE.
110	1748	CAMPBELL GRAB W/ CAMERA	1	BROWN AND CREAM GLOB OOZE, CORAL DEBRIS, CARBONATE MUD.
110	1749	CAMPBELL GRAB W/ CAMERA	1	BROWN GLOBIGERINA, CORAL, PTEROPOD DEBRIS.
110	1750	CAMPBELL GRAB W/ CAMERA	1	OLIVE GREEN MUD, FINE SAND, SOME SHELL.

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110	1751	CAMPBELL GRAB W/0 CAMERA	2	GREEN CLEAN MEDIUM SAND, ABUNDANT HEAVY MINERALS.
110	1752	CAMPBELL GRAB W/0 CAMERA	2	LIGHT BROWN SAND, SMALL AMT SHELL HASH, ABUNDANT GLAUCONITE.
110	1753	CAMPBELL GRAB W/0 CAMERA	2	GREENISH-GREY STIFF SILT.
110	1754	CAMPBELL GRAB W/0 CAMERA	2	LIGHT GREY MED TO CRS CLEAN QUARTZ SAND.
110	1755	CAMPBELL GRAB W/0 CAMERA	2	LT BROWNISH-GREY CRS TO VCRS CLEAN WELL SORTED QUARTZ SAND.
110	1756	CAMPBELL GRAB W/0 CAMERA	2	CLEAN GLAUCONITIC SAND.
110	1757	CAMPBELL GRAB W/0 CAMERA	2	SAND WITH SOME SHELL.
110	1758	CAMPBELL GRAB W/0 CAMERA	2	BROWNISH-GREEN MEDIUM SAND WITH SOME SHELL.
110	1759	CAMPBELL GRAB W/0 CAMERA	2	GREY-GREEN MEDIUM SAND, SOME SHELL.
110	1760	CAMPBELL GRAB W/0 CAMERA	2	GREY MEDIUM SAND, SOME SHELL.
110	1761	CAMPBELL GRAB W/0 CAMERA	2	LT BROWNISH-GREY MED TO CRS CLEAN QUARTZ SAND.
110	1762	CAMPBELL GRAB W/0 CAMERA	2	GREENISH-GREY POORLY SORTED SAND, 50 PCT SHELL FRAGMENTS.
110	1763	CAMPBELL GRAB W/0 CAMERA	2	GREEN CLAY WITH SHELL.
110	1764	CAMPBELL GRAB W/0 CAMERA	2	OOZE AND CORAL.
110	1765	CAMPBELL GRAB W/0 CAMERA	2	LIGHT BROWN SAND, ABUNDANT FORAMS.
110	1766	CAMPBELL GRAB W/0 CAMERA	2	LIGHT BROWN SAND, ABUNDANT FORAMS.
110	1767	CAMPBELL GRAB W/0 CAMERA	2	BROWN GLOBIGERINA OOZE,CORAL DEBRIS,1 PHOSPHATE NODULE
110	1768	CAMPBELL GRAB W/0 CAMERA	2	DK BRN CRS GRAINED WELL SRT GLOBIGERINA OOZE WITH SM CARBONATE DEBRIS
110	1769	CAMPBELL GRAB W/0 CAMERA	2	HARD BOTTOM APPARENTLY BROWN PHOSPHATIC PIECES
110	1770	CAMPBELL GRAB W/0 CAMERA	2	OLIVE GREEN FN MD CRS SAND WITH 3-5MM BLACK PHOSPHATE,SHELL,CORAL
110	1771	CAMPBELL GRAB W/0 CAMERA	2	VERY FINE TO FINE GRAINED SILT,SILTY SAND
110	1772	CAMPBELL GRAB W/0 CAMERA	2	GREEN SAND WITH SOME GLAUCONITE GRAINS
110	1773	CAMPBELL GRAB W/0 CAMERA	2	GRAY GREEN OOZE + GLAUCONITE NODULES,SOME SAND,5% SHELL
110	1774	CAMPBELL GRAB W/0 CAMERA	2	DARK GRAY CRS TO V CRS CLEAN SAND,ABOUT 10% SHELL SAND
110	1775	CAMPBELL GRAB W/0 CAMERA	2	GRAY FINE TO MD CLEAN QTZ SANDSPECKLED WITH SHELL+DARK MINERALS
110	1776	CAMPBELL GRAB W/0 CAMERA	2	FINE MEDIUM COURSE SAND WITH SOME SHELL
110	1777	CAMPBELL GRAB W/0 CAMERA	2	LT GRAY MD GRAINED HOMOGENIOUSCLEAN QTZ SAND AND 1% SHELL
110	1778	CAMPBELL GRAB W/0 CAMERA	2	LT GRAY MD TO CRS CLEAN UNIFORM SAND,SPECHLED W/ SHELL+DARK MINERALS
110	1779	CAMPBELL GRAB W/0 CAMERA	2	GRAY GREEN MD+CRS QTZ SAND GNEISS+QTZITE,SHELL FRAGMENTS
110	1780	CAMPBELL GRAB W/0 CAMERA	2	BROWN COARSE SAND AND SHELL
110	1781	CAMPBELL GRAB W/0 CAMERA	2	GRAY CLEAN SAND
110	1782	CAMPBELL GRAB W/0 CAMERA	2	SOME SAND,SHELL HASH,WORM TUBES
110	1783	CAMPBELL GRAB W/0 CAMERA	2	FINE GREENISH-BROWN SILTY SAND
110	1784	CAMPBELL GRAB W/0 CAMERA	2	GLOBIGERINA SAND WITH GLAUCONITE,ONE LARGE MANGANESE NODULE
110	1785	CAMPBELL GRAB W/0 CAMERA	2	OLIVE GRAY BROWN FORAM SAND,GLAUCONITE 3%, SHELL 15%
110	1786	CAMPBELL GRAB W/0 CAMERA	2	OLIVE BROWN POORLY SORTED MOTTLED SAND,GLAUCONITE 3%, SHELL 10%
110	1787	CAMPBELL GRAB W/0 CAMERA	2	BRN-GY MD SAND,85%QTZ,5-10%RK FRAGS,5%SHELL FRAGS NON MAGNETIC DK MIN
110	1788	CAMPBELL GRAB W/0 CAMERA	2	OLIVE GN FINE-MED SAND,85 QTZ,5-10%RK FRAGS,5-10% SHELL FRAGS
110	1789	CAMPBELL GRAB W/0 CAMERA	2	COARSE SAND,10% SHELL
110	1790	CAMPBELL GRAB W/0 CAMERA	2	MED-GRAINED GREY SAND,10% SHELL
110	1791	CAMPBELL GRAB W/0 CAMERA	2	MED GREY SAND,UNIFORM,CLEAN,1%SHELL
110	1792	CAMPBELL GRAB W/0 CAMERA	2	V LIGHT GY-CLEAN UNIFORM MED TO CRS GRAINED W SORTED QTZ SAND,2%SHELL
110	1793	CAMPBELL GRAB W/0 CAMERA	2	LIGHT GY UNIFORM MEDIUM GRAINED CLEAN SD SPECKLED W/SHELL+DK MINERALS
110	1794	CAMPBELL GRAB W/0 CAMERA	2	LT BRN SHELL HASH W/ SOME SD, 85%SHELL,RED+WHITE FORMLESS CORAL FRAGS
110	1795	CAM GRAB W/0 CAM+PLANK T	2	GREENISH SAND W/ LITTLE SHELL
110	1796	CAMPBELL GRAB W/0 CAMERA	2	GN-BRN SAND,PRY SRT,W/ 40% GLAUC,SHELL HASH,SOME MUDDY SAND
110	1797	CAMPBELL GRAB W/0 CAMERA	2	ROCKS + BOULDERS,CALCIRUDITE-POSSIBLY REEF BRECCIA TYPE LIMESTONE
110	1798	CAMPBELL GRAB W/0 CAMERA	2	GLAUCONITIC GLOBIGERINA OOZE+PHOSPHATE PEBBLES
110	1799	CAMPBELL GRAB W/0 CAMERA	2	BRN GLOBIGERINA SAND W/ GLAUCONITE,TWO 3-4CM PHOSPHATE PEBBLES
110	1800	CAMPBELL GRAB W/0 CAMERA	2	OL GY FN-MD SAND,1-2CM,CLAY PIECES,GLOB TESTS+DK MINERALS,GNEISS PEB.
110	1801	CAMPBELL GRAB W/0 CAMERA	2	OLIVE GREEN SAND,FINE TO VERY FINE GRAINED
110	1802	CAMPBELL GRAB W/0 CAMERA	2	GREY SAND, 15+% SHELL
110	1803	CAMPBELL GRAB W/0 CAMERA	2	GREY SAND, 10+% SHELL
110	1804	CAMPBELL GRAB W/0 CAMERA	2	GREY + TAN SAND,8+% SHELL
110	1805	CAMPBELL GRAB W/0 CAMERA	2	BRN MOTTLED MEDIUM TO CRS GRAINED SAND + SHELL HASH
110	1806	CAMPBELL GRAB W/0 CAMERA	2	GY-BRN MOTTLED MEDIUM TO CRS CLEAN SAND + SHELL HASH
110	1807	CAMPBELL GRAB W/0 CAMERA	2	GY FINE TO MED CLEAN QTZ SAND SPECKLED W/ SHELL + FEW DARK MINERALS
110	1808	CAMPBELL GRAB W/0 CAMERA	2	90% BLACK SAND,SOME YELLOW(BUFF) SAND,MN NODULES
110	1809	CAM GRAB W/0 CAM+PLANK T	2	TAN GLOB. SAND+BLACK SAND,BOTH FINE GRAINED
110	1810	CAMPBELL GRAB W/0 CAMERA	2	GREEN GLOB. SAND W/ BLACK MINERALS
110	1811	CAMPBELL GRAB W/0 CAMERA	2	MUDDY GLOB. SAND,GREY GREEN W/ GLAUCONITE GRAINS
110	1812	CAMPBELL GRAB W/0 CAMERA	2	GREENISH MUDDY SAND W/ MUCH GLAUCONITE
110	1813	CAMPBELL GRAB W/0 CAMERA	2	MOTTLED GREY MEDIUM-CRS CLEAN QTZ SAND W/ SPECKS OF SHELL+DK MINERALS
110	1814	CAMPBELL GRAB W/0 CAMERA	2	MOTTLED GREY MEDIUM CLEAN QTZ SAND W/ SPECKS OF SHELL + DARK MINERALS
110	1815	CAMPBELL GRAB W/0 CAMERA	2	BROWNISH GRY MOTTLED MEDIUM CLEAN SAND,60% QTZ,40% SHELL
110	1816	CAMPBELL GRAB W/0 CAMERA	2	SALT + PEPPER SAND,FINE GRAINED SHELL HASH
110	1817	CAMPBELL GRAB W/0 CAMERA	2	SALT+PEPPER SAND,85% QTZ,RK FRAGS + NON-MAGNETIC DK MINERALS
110	1818	CAMPBELL GRAB W/0 CAMERA	2	TAN + GREY SAND, SHELL
110	1819	CAMPBELL GRAB W/0 CAMERA	2	FINE TO MED GRAINED SAND,SHELL
110	1820	CAMPBELL GRAB W/0 CAMERA	2	TAN SHELL SAND
110	1821	CAMPBELL GRAB W/0 CAMERA	2	BRN MOTTLED MD TO CRS GRN CLEAN QTZ-CARBONATE SAND
110	1822	CAMPBELL GRAB W/0 CAMERA	2	BRN MOTTLED MD TO CRS GRN CLEAN QTZ-CARBONATE SAND
110	1823	CAMPBELL GRAB W/0 CAMERA	2	FINE GRN OLIVE SD, PROBABLY MOST OF SAMPLE WASHED OUT OF BUCKET
110	1824	CAMPBELL GRAB W/0 CAMERA	2	SD,GLOBIGERINA TESTS 80%-DARK NON-MAGNETIC MINERALS
110	1825	CAMPBELL GRAB W/0 CAMERA	2	YELLOW-BROWN GLOB. OOZE
110	1826	CAMPBELL GRAB W/0 CAMERA	2	GREENISH-BROWN GLOB. OOZE W/ GLAUCONITE SAND
110	1827 A	CAMPBELL GRAB W/0 CAMERA	2	BROWN,MUDDY,UNIFORM GLOBIGERINA OOZE WITH GLAUCONITE
110	1827 B	CAMPBELL GRAB W/0 CAMERA	2	GRAY STICKY UNIFORM SAND
110	1828	VAN VEEN	5	GRAY-BROWN SILTY MUD,FEW FORAMINIFERA,SURFACE LAYER IS QUITE BROWN
110	1829	VAN VEEN	5	COHESIVE TAN GREY CARBONATE SILTY LUTITE,GLOB TESTS 5%
110	1830 A	VAN VEEN	5	LIGHT BROWN OOZE
110	1830 B	VAN VEEN	5	GREY CLAY
110	1831	VAN VEEN	5	NO SAMPLE
110	1832	VAN VEEN	5	NO SAMPLE
110	1833	VAN VEEN	5	NO SAMPLE
110	1834	CAMPBELL GRAB W/0 CAMERA	2	SLTY LUTITE,GLOB.+PTER.FRAGS.(LESS THAN 2%),OL.GY.SLTY CALCILUTITE
110	1835	CAMPBELL GRAB W/0 CAMERA	2	GREEN-BROWN OOZE + SAND,GLOBY OOZE,MUDDY
110	1836	CAMPBELL GRAB W/0 CAMERA	2	GLOB. OOZE,GREENISH MUDDY SD,GLOBIGERINA SD W/ SOME CALCILUTITE
110	1837	CAMPBELL GRAB W/0 CAMERA	2	GLOB. SAND WITH SOME GLAUCONITE SAND AND MANGANESE
110	1838	CAMPBELL GRAB W/0 CAMERA	2	NO SAMPLE,PROBABLE ROCK BOTTOM

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110	1839	CAMPBELL GRAB W/O CAMERA	2	LT.GRAY GLOBIGERINA OOZE SD SPECKLED W/ DK GLAUCONITE 05% + SHLS 3%
110	1840	CAMPBELL GRAB W/O CAMERA	2	LT.TAN GLOBY OOZE + SHELLHASH WITH SOME BLACK SAND
110	1841	CAMPBELL GRAB W/O CAMERA	2	GLOB. SAND + BLACK SAND, HARDLY ANY SHELL
110	1842	CAMPBELL GRAB W/O CAMERA	2	SHELL SAND,COARSE,GREY-TAN,GREATER THAN 90% SHELL MATERIAL
110	1843	CAMPBELL GRAB W/O CAMERA	2	SHELLHASH,SMALL + MEDIUM SHELLS,ROCKS 3-4 CM.
110	1844	CAMPBELL GRAB W/O CAMERA	2	GRAYISH-BROWN MEDIUM TO COARSE SHELL SD,GREATER THAN 90% SHELL DEBRIS
110	1845	CAMPBELL GRAB W/O CAMERA	2	BRN MOTD MD GRN SD,CLEAN,PRY SRT,10% SHL,SPECKS OF DK MINERALS + SHLS
110	1846	CAMPBELL GRAB W/O CAMERA	2	YL BRN POORLY SORTED CLEAN SD,FEW SM ANGULAR PEBBLES,5% SHELL
110	1847	CAMPBELL GRAB W/O CAMERA	2	WELL SRT SD,DK.+LT.GRNS,LT.GRNS FEW STND,SOME SHELL,FRAGS + WHOLE
110	1848	CAMPBELL GRAB W/O CAMERA	2	FINE-MD-CRS SD,QTZ.+ ROCK FRAGS,LRG % SHELLHASH,LRG SHELLS 4-5CM
110	1849	CAMPBELL GRAB W/O CAMERA	2	DARK GREY SAND,ABOUT 15% SHELLHASH
110	1850	CAMPBELL GRAB W/O CAMERA	2	GREEN-GRAY GLOBIGERINA SD + SOME (GREATER THAN 10%) SHELL SAND
110	1851	CAMPBELL GRAB W/O CAMERA	2	PALE BROWN PURE GLOBIGERINA OOZE SPECKLED W/ GLAUCONITE + PTEROPODS
110	1852	CAMPBELL GRAB W/O CAMERA	2	PALE BROWN WELL-SRT GLOBIGERINA OOZE W/ SPECKS OF GLAUCONITE + SHELL
110	1853	CAMPBELL GRAB W/O CAMERA	2	OLIVE GREEN MUD,HOMOGENEOUS,STRONG H2S SMELL
110	1854	CAMPBELL GRAB W/O CAMERA	2	OL GN MUD + SD,QTZ + RK FRAGS TO MD GRND,GLOB, TESTS,SURFACE RUSTY BRN
110	1855	CAMPBELL GRAB W/O CAMERA	2	GLOB. SD (75%),DARK MINERALS +ROCK FRAGS 20%,SHELL FRAGS 5%
110	1856	CAMPBELL GRAB W/O CAMERA	2	MUDDY GREENISH GLOB. SAND W/ SOME GLAUCONITE
110	1857	CAMPBELL GRAB W/O CAMERA	2	OLIVE-TAN QTZ + SHELL SAND, MEDIUM TO COARSE GRAINED
110	1858	CAMPBELL GRAB W/O CAMERA	2	DARK GREY SAND QTZ, SHELL LESSTHAN 10%,FINE TO MEDIUM GRAINED
110	1859	CAMPBELL GRAB W/O CAMERA	2	GRAY WELL-SORTED CLEAN FINE QTZ SAND,1-2% SHELL
110	1860	CAMPBELL GRAB W/O CAMERA	2	BRN POORLY SORTED CALC.SHELLHASH W/ ROUNDED PEBBLES + SHELL
110	1861	CAMPBELL GRAB W/O CAMERA	2	OL-GY,MD TO CRS,MODY SRT SD,90% QTZ + RK FRAGS,5% SHL,5% OPAQUE MIN.
110	1862	CAMPBELL GRAB W/O CAMERA	2	OL-GN LUTITE,CRS PARTICLES ARESMALL GASTROPODS AND PTEROPODS
110	1863	CAMPBELL GRAB W/O CAMERA	2	MEDIUM-FINE DARK MUDDY QUARTZ SAND
110	1864	CAMPBELL GRAB W/O CAMERA	2	QTZ + SHELL SAND,SOME MANGANESE,(QUERY)
110	1865	CAMPBELL GRAB W/O CAMERA	2	GY FN GRND UNFM SLTY QTZ SD,S/BLK + WHITE SPECKS OF DK MINERALS + SHL
110	1866	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY POORLY SORTED,DIRTY FINE SAND,W/ SHELL,MICA FLAKES
110	1867	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY-BROWN SOFT STICKY HOMOGENIOUS MUD
110	1868	CAMPBELL GRAB W/O CAMERA	2	USUAL SOFT,STICKY HOMOGENIOUS MUD,OLIVE GREEN TO OLIVE GRAY
110	1869	CAMPBELL GRAB W/O CAMERA	2	DARK OLIVE GRAY TO DARK GRAY SILTY MUD
110	1870	CAMPBELL GRAB W/O CAMERA	2	DK GY FN QTZ (LESS THAN 50%) SD,W SRT,RK FRAGS,DK MINERALS,MAGNETITE
110	1871	CAMPBELL GRAB W/O CAMERA	2	TAN MD GRND FAIRLY W SRT QTZ SAND,LESS THAN 10% SHELL
110	1872	CAMPBELL GRAB W/O CAMERA	2	TAN + GRAY MD TO CRS GRND QTZ SD,POORLY SORTED,GREATER THAN 5% SHELL
110	1873	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY CLEAN QTZ SAND,FINE GRAINED,SOME BENTHIC FORAMS,WORM TUBES
110	1874	CAMPBELL GRAB W/O CAMERA	2	TAN PRY SRT,CLEAN,CRS SD TO GRV,MUCH BROKEN SHL(10%),GRV(15%),TO 10MM
110	1875	CAMPBELL GRAB W/O CAMERA	2	GRAY FINE GRND,UNIFORM,CLEAN QTZ SAND,SHELL 5%
110	1876	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY W SORTED CLEAN FINE QTZ SAND,W/ DK MINERALS,1-2% SHELL
110	1877	CAMPBELL GRAB W/O CAMERA	2	OLIVE GREEN,QTZ RICH,MD-FINE SAND,POORLY SORTED
110	1878	CAMPBELL GRAB W/O CAMERA	2	COARSE TO MD QTZ SAND,MODERATE TO WELL SORTED
110	1879	CAMPBELL GRAB W/O CAMERA	2	CLEAN BROWN QTZ SAND,4% SHELLHASH
110	1880	CAMPBELL GRAB W/O CAMERA	2	MIXED CLEAN QTZ SAND + GRAVEL,ABOUT 25% SHELLHASH
110	1881	CAMPBELL GRAB W/O CAMERA	2	BLACK-OLIVE GREEN STICKY SILTYOOZE,RICH IN ORGANIC MATTER + H2S ODOR
110	1882	CAMPBELL GRAB W/O CAMERA	2	MUDDY GREEN-BROWN QTZ SAND
110	1883	CAMPBELL GRAB W/O CAMERA	2	GRAY-BROWN,FAIR SORTED,CLEAN MD QTZ SAND WITH BROKEN SHELL
110	1884	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY-BROWN,UNIFORM,MUDDY,FINE SAND
110	1885	CAMPBELL GRAB W/O CAMERA	2	DK OL-GRN MUDDY INORGANIC FN SD,FN SLT + MUD 30%,QTZ + RK FRAG SD 70%
110	1886	CAMPBELL GRAB W/O CAMERA	2	CLEAN QTZ SAND (MD TO CRS),ABOUT 10% LARGE SHELL FRAGS + WHOLE SHELLS
110	1887	CAMPBELL GRAB W/O CAMERA	2	GREYISH TAN QTZOSE MD SD,MODERATELY W SRT,5-10% RK FRAGS,5% SHL FRAGS
110	1888	CAMPBELL GRAB W/O CAMERA	2	FINE TO MEDIUM OLIVE GRAY QTZ SAND,WITH GREATER THAN 5% SHELL
110	1889	CAMPBELL GRAB W/O CAMERA	2	POORLY SORTED,GRAY-TAN,MD TO CRS GRAINED QTZ SAND,ABOUT 10% SHELL
110	1890	CAMPBELL GRAB W/O CAMERA	2	GRAY-BROWN UNIFORM,CLEAN MEDIUM QTZ SAND,GREATER THAN 1% SHELL
110	1891	CAMPBELL GRAB W/O CAMERA	2	DARK GRAY SILTY POORLY SORTED FINE-MEDIUM SAND
110	1892 A	CAMPBELL GRAB W/O CAMERA	2	SURFACE,DK BRNISH GY QTZ SD,MD-CRS,MOD W SRT,10% SHL + RK FRAGMENTS
110	1892 B	CAMPBELL GRAB W/O CAMERA	2	SUBSURFACE,BLUE GRAY SILTY LUTITE
110	1893	CAMPBELL GRAB W/O CAMERA	2	EXTREMELY PRY SRT (PEBS TO LUTITE),DK.OL GN MUDDY SAND
110	1894	CAMPBELL GRAB W/O CAMERA	2	POORLY SORTED MD TO FN SAND,GREENISH TAN,QTZ,RK FRAGS + SOME FORAMS
110	1895	CAMPBELL GRAB W/O CAMERA	2	MUDDY GREEN-BROWN QTZ SAND WITH ABOUT 5% SHELLHASH
110	1896	SMITH-MCINTYRE W/CAMERA	3	BROWNISH-GY FN GRAINED CLEAN SD,W SRT,V DARK GRAINS PROMINENT
110	1897	SMITH-MCINTYRE W/CAMERA	3	VERY FINE GRAINED SAND OR SILT,BROWN,MOTD,BLK,W SRT,FAINT H2S SMELL
110	1898	SMITH-MCINTYRE W/CAMERA	3	MUCK,GELATINOUS,BLACK,VERY SMELLY,SLIGHTLY SILTY CLAY
110	1899	SMITH-MCINTYRE W/CAMERA	3	BROWNISH-GY MD SD,W/MUCH GRV TO 15CM 80% GRV,20% SD GRV SLY ROUNDED
110	1900	SMITH-MCINTYRE W/CAMERA	3	LIGHT BROWN-GREY,VERY FINE GRAINED SAND + SILT,WELL SORTED
110	1901	SMITH-MCINTYRE W/CAMERA	3	V CRS SD + FN GRV TO 6MM,BRN W/MANY BRN GRNS,ANG,MD-W SRT,WOOD,TWIGS
110	1902	MINIATURE VAN VEEN W/O C.	6	BLACK SILTY CLAY,SMELLY(NOT WHOLLY H2S,QUESTION)
110	1903	SMITH-MCINTYRE W/CAMERA	3	CLAY,DARK GRAY,SLIGHTLY SILTY,STRONG H2S SMELL,GELATINOUS
110	1904	SMITH-MCINTYRE W/CAMERA	3	GRAVEL,CLAYEY-SILTY,SANDY,LARGEST PIECE 12CM,GREENISH-GY S/ SOFT PEBS.
110	1905	SMITH-MCINTYRE W/CAMERA	3	GREENISH GRAY SILTY CLAY,W/O GRAVEL OR SAND
110	1906	SMITH-MCINTYRE W/CAMERA	3	CL,SLY SLTY,BRN,SLY. MOTD W/ DK GY,1 PIECE GRV,PEGMATITE,7 CM.
110	1907	SMITH-MCINTYRE W/CAMERA	3	DK GREENISH-GY CL,V SLY SLTY,(LIGHTER BRN IN SURFACE 1-2 CM),H2S ODOR
110	1908	SMITH-MCINTYRE W/CAMERA	3	GRAVEL,SANDY + CLAYEY,MAXIMUM SIZE ABOUT 4 CM,BROWN
110	1909	SMITH-MCINTYRE W/CAMERA	3	CLAY,V.SLY SLTY,SLY. GELATINOUS AT SURFACE,GREENISH-GY
110	1910	SMITH-MCINTYRE W/CAMERA	3	GRAY SILTY CLAY
110	1911	SMITH-MCINTYRE W/CAMERA	3	GREYISH-BROWN CLAY,VERY SLIGHTLY SILTY
110	1912	SMITH-MCINTYRE W/CAMERA	3	BROWN CLAY,VERY SLIGHTLY SILTY
110	1913	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY,VERY SLIGHT H2S SMELL
110	1914	SMITH-MCINTYRE W/CAMERA	3	DK.GREENISH-GY,SILTY,CLAYEY,SANDY GRAVEL,SUBROUNDED TO ANGULAR,TO 8CM
110	1915	SMITH-MCINTYRE W/CAMERA	3	V.DK GREENISH-GRAY FN GRND SD.
110	1916	WATER PUMP ONLY	90	NONE
110	1917	SMITH-MCINTYRE W/CAMERA	3	CLAY,SLIGHTLY SILTY,DK GY MOTD BLACK,EXCEPT BRN IN SOFT SURFACE 1 CM
110	1918	SMITH-MCINTYRE W/CAMERA	3	V FN GRND SD W/ CLAY,SLT,GRV TO 6CM.DK GR-GY,MOST GRV.IN SURFACE 5 CM
110	1919	SMITH-MCINTYRE W/CAMERA	3	DARK GREENISH-GRAY SILTY CLAY,H2S SMELL,MOTTLED BLACK
110	1920	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY,MOTTLED BLACK,NO H2S SMELL,THOUGH
110	1921	SMITH-MCINTYRE W/CAMERA	3	BROWN MEDIUM SAND WITH GRAVEL
110	1922	SMITH-MCINTYRE W/CAMERA	3	BROWNISH-GRAY MEDIUM MICACEOUS SAND
110	1923	SMITH-MCINTYRE W/CAMERA	3	COARSE BROWN WELL-SORTED SAND,ABOUT 5% SHELL FRAGS,WELL SORTED
110	1924	SMITH-MCINTYRE W/CAMERA	3	CLY SLT W/S/ FN SD,GN-BRN,HEAVILY MOTD W/BLK,V MICACEOUS,NO H2S SMELL
110	1925	SMITH-MC.+MIN VV,CAMERA	3	GREENISH GRAY SILTY CLAY,VERY SOFT
110	1926	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY
110	1927	SMITH-MCINTYRE W/CAMERA	3	GRAY-BROWN FINE SAND

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110	1928	SMITH-MCINTYRE W/CAMERA	3	GREENISH-BROWN SLIGHTLY SILTY CLAY
110	1929	SMITH-MCINTYRE W/CAMERA	3	MD-CRS-SD,FAIRLY W.SRT,LT-BRN IN UPR.5MM,LT-MD.GY.BELOW,SL.FETID ODOR
110	1930	SMITH-MCINTYRE W/CAMERA	3	W.SRT FINE-MD,SAND,BRN AT SURFACE,HEAVILY MOTTLED DK GY BELOW,NO SMELL
110	1931	SMITH-MCINTYRE W/CAMERA	3	BROWN FINE GRAINED SAND,WITH ABOUT 3-4% SMALL SHELL FRAGMENTS
110	1932	SMITH-MCINTYRE W/CAMERA	3	SOFT,VERY DARK GREENISH GRAY CLAY,SLIGHTLY SILTY
110	1933	SMITH-MCINTYRE W/CAMERA	3	BLK ORGANIC SLTY + SDY CL,FETID ODOR,MUCH SANDIER BELOW 10-12 CM.
110	1934	SMITH-MCINTYRE W/CAMERA	3	DARK GRAY CLAY,SLIGHTLY SILTY
110	1935	SMITH-MCINTYRE W/CAMERA	3	SHELLHASH OF WHOLE,SINGLE PELECYPOD SHLS,SOME SANDY + SILTY CLAY
110	1936	SMITH-MCINTYRE W/CAMERA	3	BROWN FINE-GRN,WELL-SRT QTZ SAND,ABOUT 1% SHELL DEBRIS 1-2 MM
110	1937	SMITH-MCINTYRE W/CAMERA	3	BRN MD.W.SRT.SD W GRV.TO 4CM,GRV ENCRUSTED,SLY WASHED
110	1938	SMITH-MCINTYRE W/CAMERA	3	BRN SLTY,SDY,GRVY CL,GRV TO 8 CM,SLY WASHED BUT SIZE DISTRIBUTION OK.
110	1939	MIN.VAN VEEN	5	BLK ORGANIC V SLY SLTY SOFT CL,MD GY BELOW 2CM TO ABOUT 6CM,THEN BLK.
110	1940	SMITH-MCINTYRE W/CAMERA	3	BROWN SLIGHTLY SANDY AND SILTY CLAY
110	1941	SMITH-MCINTYRE W/OCAMERA	4	BROWN FINE SAND,TOP 2-3 INCHES FOLLOWED BY LAYER GY ORGANIC MATERIAL
110	1942	SMITH-MCINTYRE W/CAMERA	3	GRAYISH-BRN MD W-SORTED SD,MUCH EITHER DK MINERALS OR DK SHELL FRAGS
110	1943	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GY SLTY CL,TO DK GY BELOW 2CM,AT 6CM DARKER GY,STIFFER,PLCYS
110	1944	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY,MICACEOUS
110	1945	SMITH-MCINTYRE W/CAMERA	3	GREENISH-BRN SLTY CLAY,SLIGHTLY MOTTLED W/GRAY BELOW TOP FEW CM
110	1946	SMITH-MCINTYRE W/CAMERA	3	GREENISH-BROWN SILTY CLAY
110	1947	SMITH-MCINTYRE W/CAMERA	3	GREENISH-BROWN SILTY CLAY
110	1948	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY
110	1949	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY SILTY CLAY HEAVILY MOTTLED BLACK BELOW TOP 1 CM.
110	1950	SMITH-MCINTYRE W/CAMERA	3	VERY DARK GRAY-BLACK SILTY CLAY,H2S SMELL STRONG
110	1951 A	SMITH-MCINTYRE W/CAMERA	3	1.5 L.CLY,GRVY OR CINDERY,CRS GRNISH SD,GRV TO 7 CM AND ENCRUSTED
110	1951 B	SMITH-MCINTYRE W/CAMERA	3	200 YDS.AWAY-GY.SLTY CL,MUCH BLACK MOTTLING,ONE V RND STREAM PEBBLE
110	1952	SMITH-MCINTYRE W/CAMERA	3	BRN V.SLTY + SLY V-FN-GRN SDY CL,BELOW 2 CM V.DK.GY,STRN FETID ODOR
110	1953	SMITH-MCINTYRE W/CAMERA	3	SILTY,V.FINE SAND,TOP 1.5-2 INCHES BRN,MARKED CHANGE TO DARK GRAY
110	1954	SMITH-MCINTYRE W/CAMERA	3	DARK GREENISH-BROWN SILTY CLAY
110	1955	SMITH-MCINTYRE W/CAMERA	3	GREENISH-GRAY,SILTY CLAY,BECOMES SANDY NEAR BOTTOM OF SAMPLE
110	1956	SMITH-MCINTYRE W/CAMERA	3	MEDIUM SAND AND ROUND QTZ PEBBLES,70% PEBBLES,30% SAND
110	1957	SMITH-MCINTYRE W/CAMERA	3	BROWN,MEDIUM GRAINED SAND,LARGE% HEAVY MINERALS
110	1958	SMITH-MCINTYRE W/CAMERA	3	BROWN,MEDIUM GRAINED SAND,HIGH % HEAVY MINERALS,CLAY BALLS
110	1959	SMITH-MCINTYRE W/CAMERA	3	BROWN,COARSE-VERY COARSE SAND
110	1960	SMITH-MCINTYRE W/CAMERA	3	LIGHT BROWN,FINE TO MEDIUM SAND,WELL SORTED
110	1961	SMITH-MCINTYRE W/CAMERA	3	LIGHT BROWN COARSE SAND,SPARSE GRAVEL TO 1CM,SPARSE SHELL FRAGMENTS
110	1962	SMITH-MCINTYRE W/CAMERA	3	GREYISH-BROWN VERY FINE GRAINED SAND,WELL SORTED
110	1963	SMITH-MCINTYRE W/CAMERA	3	BROWN,VERY FINE GRAINED,WELL-SORTED SAND
110	1964	SMITH-MCINTYRE W/CAMERA	3	GRAY SILT,WELL SORTED,HIGH % DK MINERALS
110	1965	SMITH-MCINTYRE W/CAMERA	3	DARK GRAY,CLAYEY SILT
110	1966	SMITH-MCINTYRE W/CAMERA	3	DARK GRAY,SILTY CLAY
110	1967	SMITH-MCINTYRE W/CAMERA	3	BROWN,MEDIUM TO COARSE SAND,CONTAINS LARGE AMOUNT OF SHELL FRAGMENTS
110	1968	SMITH-MCINTYRE W/CAMERA	3	BROWN,SILTY-VERY FINE SANDS,CONTAINS MANY SHELL FRAGMENTS
110	1969	SMITH-MCINTYRE W/CAMERA	3	DK.GY SLTY CL,GRNISH-BRN IN TOP 1CM,AT 10CM A LAYER OF MANY SHL FRAGS
110	1970	SMITH-MCINTYRE W/CAMERA	3	BROWN SILT,SLIGHTLY CLAYEY
110	1971	SMITH-MCINTYRE W/CAMERA	3	BROWN,FINE-MEDIUM SAND,ABUNDANT SM.PELECYPOD SHELLS,ABOUT 3%
110	1972	SMITH-MCINTYRE W/OCAMERA	4	BRN V SLTY + CLY MD SD,AND DK GY SLY SDY CL,BRN IN TOP 1CM.
110	1973 A	SMITH-MCINTYRE W/OCAMERA	4	GRAYISH-BLACK,MEDIUM GRAINED SAND,HIGH % HEAVY MINERALS (75%)
110	1973 B	SMITH-MCINTYRE W/OCAMERA	4	BROWNISH-GRAY CLAY STRATUM 10-12 CM FROM TOP OF SAMPLE,(CLEAN CLAY)
110	1974	SMITH-MCINTYRE W/OCAMERA	4	LIGHT BROWN,COARSE,WELL SORTED,QTZ SAND,V.MINOR AMOUNT GRAVEL
110	1975	SMITH-MCINTYRE W/OCAMERA	4	TOP 1-2 CM BROWN SILT,THEN A BROWNISH SILTY CLAY
110	1976	SMITH-MCINTYRE W/OCAMERA	4	BROWNISH-GRAY SILTY CLAY,UNDER10 CM BECOMES GRAY
110	1977	SMITH-MCINTYRE W/OCAMERA	4	BROWN CLAY,BECOMES GRAYISH-BROWN
110	1978	SMITH-MCINTYRE W/OCAMERA	4	BROWNISH-GRAY TO DARK GRAY SILTY CLAY,SOME FINE SAND
110	1979	SMITH-MCINTYRE W/OCAMERA	4	GRAY,SILTY CLAY,SOME VERY FINE SAND GRAINS
110	1980	MINIATURE VAN VEEN	6	DARK GRAY,UNIFORM,SILTY CLAY,VERY SOFT
110	1981	SMITH-MCINTYRE W/CAMERA	3	UNFM DK GY-GY SLTY CL,SLTY STRATIFIED,V SOFT,WATERY,ODOR H2S
110	1982	SMITH-MCINTYRE W/CAMERA	3	UNIFORM GRAY SILTY CLAY,FEW SAND GRAINS,ODOR H2S
110	1983	SMITH-MCINTYRE W/CAMERA	3	BROWNISH-GRAY,MEDIUM SAND
110	1984	SMITH-MCINTYRE W/CAMERA	3	BROWNISH-GRAY SILTY CLAY,VERY SOFT,STRONG ODOR H2S
110	1985	SMITH-MCINTYRE W/CAMERA	3	CLAYEY-SANDY,SILTY,BROWN-GRAYISH BROWN,SAND VERY FINE GRAINED
110	1986	SMITH-MCINTYRE W/CAMERA	3	BROWN-GRAY SILTY CLAY,SURFACE BRN,GY IMMEDIATELY UNDER BRN,STRN H2S
110	1987	SMITH-MCINTYRE W/CAMERA	3	DARK GRAY VERY SILTY CLAY,UNIFORM IN DEPTH,STRONG H2S SMELL
110	1988	SMITH-MCINTYRE W/OCAMERA	4	BROWNISH-GRAY VERY SILTY AND CLAYEY MD SAND,S/ COARSER TO 1.5 CM
110	1989	SMITH-MCINTYRE W/OCAMERA	4	SLIGHTLY SILTY GRAY CLAY,VERY STRONG ODOR H2S
110	1990	SMITH-MCINTYRE W/OCAMERA	4	GRAY SILTY CLAY,BECOMES VERY DARK GRAY AT DEPTH OF 8 CM
110	1991	SMITH-MCINTYRE W/OCAMERA	4	BROWN TO GRAY SILTY CLAY,TOP 2-3 CM BROWN,THEN COLOR IS GRAY
110	1992	SMITH-MCINTYRE W/OCAMERA	4	GRAY SILTY CLAY
110	1993	SMITH-MCINTYRE W/OCAMERA	4	SILTY CLAY,TOP 2 CM ARE BROWNISH-GRAY,BELOW COLOR IS GRAY
110	1994	SMITH-MCINTYRE W/OCAMERA	4	BROWN SILTY-SANDY CLAY,SOME GRAVEL
110	1995	SMITH-MCINTYRE W/OCAMERA	4	BROWN TO GRAY SILTY SAND,S/ CLAY,TOP 2-3 CM BROWN,CHANGES TO GRAY
110	1996	SMITH-MCINTYRE W/OCAMERA	4	BROWN,COARSE-VERY COARSE QTZ SAND W/ GRAVEL UP TO 2CM
110	1997	SMITH-MCINTYRE W/OCAMERA	4	BROWN,SILTY,VERY FINE GRAINED SAND
110	1998	SMITH-MCINTYRE W/OCAMERA	4	BROWN,SILTY,VERY FINE SAND
110	1999	SMITH-MCINTYRE W/OCAMERA	4	BROWN,SILTY,VERY FINE SAND
110	2000	MINIATURE VAN VEEN	6	BROWN MEDIUM QTZ BEACH-TYPE SAND
110	2001	SMITH-MCINTYRE W/OCAMERA	4	UPPER 1CM CLAYEY SILT,BELOW SILTY CLAY,TOP 2CM BRN,DARK GRAY BELOW
110	2002	SMITH-MCINTYRE W/OCAMERA	4	LIGHT BROWN FINE-GRAINED QTZ BEACH SAND,WELL-SORTED
110	2003	SMITH-MCINTYRE W/OCAMERA	4	BRN.FN(TO MD.QUERY) SD,GY BELOW TOP 2CM,(ORGANIC,NOT HEAVIES)
110	2004	SMITH-MCINTYRE W/OCAMERA	4	BRN,MD-CRS SD,S/ SM PODS OF GY SLTY CL,BTM 1 CM HIGH % OF THIS CLAY
110	2005	SMITH-MCINTYRE W/OCAMERA	4	BRN,SLTY,V FN GRN SD,FEW SM MASSES GY CL,GRV,(MANY W RNDD PEBS)
110	2006	SMITH-MCINTYRE W/OCAMERA	4	GREYISH-BROWN FINE + V FINE SAND,WITH SOME SILT
110	2007	MINIATURE VAN VEEN	6	BROWN,FINE TO MEDIUM GRAINED SAND
110	2008	SMITH-MCINTYRE W/OCAMERA	4	GREENISH-BROWN SILTY CL,BECOMES GRAY AT DEPTH OF 6 CM.
110	2009	SMITH-MCINTYRE W/OCAMERA	4	COARSE,LIGHT BROWNISH-GRAY SAND,ABOUT 3% SMALL SHELL FRAGS
110	2010	SMITH-MCINTYRE W/OCAMERA	4	BROWN,MEDIUM TO COARSE SAND
110	2011	SMITH-MCINTYRE W/OCAMERA	4	BROWN,SILTY,VERY FINE SAND
110	2025	CAMPBELL GRAB W/CAMERA	1	MD-CRS GRAINED BROWN SAND,SHELL FRAGS,GRNLS,LIMONITE STAINED
110	2026	CAMPBELL GRAB W/CAMERA	1	MEDIUM TO FINE GREY AND BROWN SAND
110	2027 A	CAMPBELL GRAB W/CAMERA	1	GRAVEL MIXED WITH BROWNISH GRAY SILTY SAND
110	2027 B	CAMPBELL GRAB W/CAMERA	1	GREENISH GY SLTY SD + MINOR GRV IRON STAINED,32-64 MM.

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110	2028	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY SANDY SILT
110	2029	CAMPBELL GRAB W/CAMERA	1	BROWN,FINE SILTY SAND
110	2030	CAMPBELL GRAB W/CAMERA	1	BROWN SAND + GRAVEL,LITTLE DARK GRAY MUD
110	2031	CAMPBELL GRAB W/CAMERA	1	SANDY GRAVEL,32-16 MM.
110	2032	CAMPBELL GRAB W/CAMERA	1	BROWN,COARSE GRAINED GRAVELLY,LIMONITE STAINED SAND
110	2033	CAMPBELL GRAB W/CAMERA	1	BROWN MEDIUM SAND
110	2034	CAMPBELL GRAB W/CAMERA	1	GRAY-BROWN SAND + GRAVEL + SHELL DEBRIS
110	2035	CAMPBELL GRAB W/CAMERA	1	BROWN MEDIUM-COARSE SAND
110	2036	CAMPBELL GRAB W/CAMERA	1	BROWN COARSE + MEDIUM SAND
110	2037	CAMPBELL GRAB W/CAMERA	1	NOTHING
110	2038	CAMPBELL GRAB W/CAMERA	1	GRAYISH GREEN FINE SAND
110	2039	CAMPBELL GRAB W/CAMERA	1	FINE-MEDIUM SAND(GREENISH-BROWN,QUERY)
110	2040 A	CAMPBELL GRAB W/CAMERA	1	FINE-MEDIUM GREENISH GRAY SAND
110	2040 B	CAMPBELL GRAB W/CAMERA	1	LUMP(ABOUT 2 L.) OF BLACK MUD
110	2041	CAMPBELL GRAB W/OCAMERA	2	OLIVE GRAY SAND
110	2042	CAMPBELL GRAB W/OCAMERA	2	FINE-MEDIUM BROWN SAND,SOME BLACK SAND
110	2043	CAMPBELL GRAB W/OCAMERA	2	MD GRAINED BRN SD,NO GRAVEL
110	2044	CAMPBELL GRAB W/OCAMERA	2	FINE GRN GREENISH GRAY SAND,SALT +PEPPER,(OPAQUE HEAVIES)
110	2045	CAMPBELL GRAB W/OCAMERA	2	FINE-MEDIUM BROWNISH SAND
110	2046	CAMPBELL GRAB W/CAMERA	1	MOSTLY SHELL WITH SOME FINE GRAY SAND
110	2047	CAMPBELL GRAB W/CAMERA	1	OLIVE GRAY + BROWN SAND
110	2048	CAMPBELL GRAB W/CAMERA	1	FINE OLIVE GRAY SAND
110	2049 A	CAMPBELL GRAB W/CAMERA	1	GRAYISH GREEN FINE SAND,NO GRAVEL
110	2049 B	CAMPBELL GRAB W/CAMERA	1	POORLY COMPACTED CLAY
110	2050	CAMPBELL GRAB W/CAMERA	1	FINE GREENISH GRAY SAND WITH SHELL DEBRIS
110	2051	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY FINE SAND
110	2052	CAMPBELL GRAB W/OCAMERA	2	MEDIUM + COARSE BROWN SAND
110	2053	CAMPBELL GRAB W/OCAMERA	2	FINE GRAY BROWN SAND
110	2054	CAMPBELL GRAB W/OCAMERA	2	BROWN SAND,SHELL DEBRIS
110	2055	CAMPBELL GRAB W/OCAMERA	2	GRAY SAND + GRAVEL
110	2056	CAMPBELL GRAB W/CAMERA	1	FINE-MEDIUM GREENISH GRAY SAND WITH SHELL FRAGS
110	2057	CAMPBELL GRAB W/CAMERA	1	SUBRNDD,SDY GRV W/S/SLT,32-64 MM,LIMONITE STAINED,QTZ VEIN
110	2058	CAMPBELL GRAB W/CAMERA	1	MEDIUM,BROWN SAND,LIMONITE STAINED,NO GRAVEL
110	2059	CAMPBELL GRAB W/CAMERA	1	FINE GREENISH GRAY SILTY SAND
110	2060	CAMPBELL GRAB W/CAMERA	1	GRAYISH BROWN FINE-MEDIUM SAND
110	2061	CAMPBELL GRAB W/CAMERA	1	GRAY SAND(FINE-MEDIUM)
110	2062	CAMPBELL GRAB W/CAMERA	1	(OLIVE)GRAY FINE SILTY SAND
110	2063 A	CAMPBELL GRAB W/CAMERA	1	MEDIUM-FINE GREENISH GRAY SAND
110	2063 B	CAMPBELL GRAB W/CAMERA	1	CLAY GALL,ONE FRAGMENT ONLY
110	2064	CAMPBELL GRAB W/CAMERA	1	BROWN MEDIUM SAND,NO GRAVEL,OBVIOUS BLACK OPAQUES
110	2065 A	CAMPBELL GRAB W/CAMERA	1	MEDIUM-COARSE SAND,LIMONITE STAINED
110	2065 B	CAMPBELL GRAB W/CAMERA	1	DARK GRAY SILTY CLAY,H2S ODOR
110	2066	CAMPBELL GRAB W/CAMERA	1	FINE GRAY SILT
110	2067	CAMPBELL GRAB W/CAMERA	1	OLIVE GREEN SAND
110	2068	CAMPBELL GRAB W/CAMERA	1	NOTHING
110	2069	CAMPBELL GRAB W/CAMERA	1	GREEN MUD
110	2070	CAMPBELL GRAB W/CAMERA	1	GREEN MUD,FIRM
110	2071	CAMPBELL GRAB W/CAMERA	1	GREEN MUD-CLAY
110	2072	CAMPBELL GRAB W/CAMERA	1	SURFACE CL,BRNISH GY,GNISH GY CLAY GRANULES,FORAM RICH
110	2073	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY CLAY-SOME BROWN CLAY,SILT ON ORIGINAL SURFACE
110	2074 A	CAMPBELL GRAB W/CAMERA	1	F OOZE ON STIFF GNISH GY CL,2CM PIECE GRV,DK+LT CRS SD GRNS,MUD PEBS
110	2074 B	CAMPBELL GRAB W/CAMERA	1	LESS FORAM OOZE THAN SAMPLE A
110	2075	CAMPBELL GRAB W/CAMERA	1	FORAM OOZE ON STIFF GRAY CLAY
110	2076	CAMPBELL GRAB W/CAMERA	1	GRAY FORAM CLAY-BROWNISH GRAY SURFACE
110	2077	CAMPBELL GRAB W/CAMERA	1	GRAY FORAM CLAY,SURFACE SAME COLOR BUT GOOEY
110	2078	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN FORAM CLAY,SURFACE MATERIAL GOOIER
110	2079	CAMPBELL GRAB W/CAMERA	1	GRAY GREEN CLAY
110	2080	CAMPBELL GRAB W/CAMERA	1	GRAY(BROWN QUERY) SAND + SHELL DEBRIS,SOME MUD
110	2081	CAMPBELL GRAB W/CAMERA	1	COARSE GRAY(+ BROWN) SAND + GRAVEL,SOME MUD
110	2082	CAMPBELL GRAB W/CAMERA	1	GREEN MUD,WORM TUBES,H2S SMELL
110	2083	CAMPBELL GRAB W/CAMERA	1	GREEN MUD
110	2084	CAMPBELL GRAB W/CAMERA	1	GRAY FORAM CLAY
110	2085	CAMPBELL GRAB W/CAMERA	1	GRAY FORAM CLAY
110	2086	CAMPBELL GRAB W/CAMERA	1	GREEN FORAM CLAY
110	2087	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY MUD,STIFF
110	2088	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY FORAM RICH CLAY,GOOD BROWNISH GRAY SURFACE
110	2089	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY STIFF FORAM CLAY
110	2090	CAMPBELL GRAB W/CAMERA	1	GREENISH FORAM CLAY
110	2091	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN FORAM CLAY
110	2092	CAMPBELL GRAB W/CAMERA	1	GREEN FORAM CLAY
110	2093	CAMPBELL GRAB W/CAMERA	1	GRAY SAND(PERHAPS BRN,POOR LIGHT),ARENACEOUS FORAMS
110	2094	CAMPBELL GRAB W/CAMERA	1	BROWNISH GRAY MUD
110	2095	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY STIFF FORAM CLAY
110	2096	CAMPBELL GRAB W/CAMERA	1	GREEN FORAM CLAY
110	2097	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN CLAY
110	2098	CAMPBELL GRAB W/CAMERA	1	STIFF GRAY CLAY,OVERLAIN BY FORAM OOZE
110	2099	CAMPBELL GRAB W/CAMERA	1	BROWNISH-GREENISH GRAY MUD
110	2100	CAMPBELL GRAB W/CAMERA	1	STIFF,FORAM-RICH,GNISH-GRAY CLAY,SCATTERED PEBBLES MAX.16-32 MM,QTZ
110	2101	CAMPBELL GRAB W/CAMERA	1	GRAYISH GREEN CLAY,FORAM RICH,NO PEBBLES
110	2102 A	CAMPBELL GRAB W/CAMERA	1	GNISH GY FORAM CL,SD W/ CL AS INDISTINCT LAYERS,QTZ PEBBLES 4-16 MM
110	2102 B	CAMPBELL GRAB W/CAMERA	1	GRAY HARD CLAY WITH CARBON FRAG TO 4-8 MM
110	2103	CAMPBELL GRAB W/OCAMERA	2	MEDIUM-COARSE SAND,GREENISH GRAY,FORAM RICH,ANGULAR
110	2104	CAMPBELL GRAB W/OCAMERA	2	FINE,SOME MEDIUM-YELLOW BROWN SAND
110	2105	CAMPBELL GRAB W/OCAMERA	2	BROWN COARSE SAND,TRACES OF BLACK MUD
110	2106	CAMPBELL GRAB W/CAMERA	1	GRAY GRAVELY SAND
110	2107	CAMPBELL GRAB W/CAMERA	1	OLIVE GREEN SILTY CLAY
110	2108	CAMPBELL GRAB W/CAMERA	1	OLIVE GREEN CLAY
110	2109 A	CAMPBELL GRAB W/CAMERA	1	GN MUD,ON GN+BRN MDSTN W/BURWS+WORM TRACKS,S/ BLK COKE-LIKE MATERIAL
110	2109 B	CAMPBELL GRAB W/CAMERA	1	GREEN HARD CLAY
110	2110	CAMPBELL GRAB W/CAMERA	1	OLIVE GREEN SILTY CLAY

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110	2111	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY MUD WITH BROWN SURFACE OOZE
110	2112	CAMPBELL GRAB W/CAMERA	1	BRNISH-GY SFT MUD SURFACE,GY STIFF CL SIMILAR TO 2102B,C.FRAGS(QUERY)
110	2113	CAMPBELL GRAB W/CAMERA	1	GRAY GREEN CLAY
110	2114	CAMPBELL GRAB W/CAMERA	1	GREEN MUD,FORAMINIFERA
110	2115	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY SOFT CLAY,FORAM RICH
110	2116	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN FORAM RICH SILTY-CLAY,SOME GRAVEL
110	2117	CAMPBELL GRAB W/CAMERA	1	GREEN MUD,PARTLY STIFF CLAY,BROWN SURFACE OOZE
110	2118	CAMPBELL GRAB W/CAMERA	1	GRAY STIFF FORAM RICH CL,BRN SFT CL.SURFACE,CONTACT BY COLOR IS SHARP
110	2119	CAMPBELL GRAB W/CAMERA	1	GRAY GREEN FORAM RICH CLAY
110	2120	CAMPBELL GRAB W/CAMERA	1	GRAY CLAY + MUD
110	2121	CAMPBELL GRAB W/CAMERA	1	GY(+ BRN QUERY) MUD+STIFF CL,FORAMS,BLK STKS IN GY CL,RK(QUERY)BRN CL
110	2122	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY SOFT MUD
110	2123	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY FORAM RICH CLAY
110	2124	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN FORAM RICH CLAY,SOME VERY COMPACT CLAY
110	2125	CAMPBELL GRAB W/CAMERA	1	SURFACE BROWN FORAM OOZE,GREEN MUD
110	2126	CAMPBELL GRAB W/CAMERA	1	NO SAMPLE
110	2127	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY STIFF CLAY,BROWNISH GRAY SOFT SURFACE,SCATTERED PEBS
110	2128	CAMPBELL GRAB W/CAMERA	1	GRAY GREEN FORAM RICH CLAY-LOOSER
110	2129	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY FORAMINIFEROUS MUD,A LITTLE GRAVEL
110	2130	CAMPBELL GRAB W/CAMERA	1	SURFACE BROWN FORAM OOZE,GREENISH GRAY FORAM MUD,LITTLE GRAVEL
110	2131	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY CLAY
110	2132 A	CAMPBELL GRAB W/OCAMERA	2	GRAVELLY SANDY FORAM RICH SILT,MAXIMUM PEBBLES 16-32MM,LIMONITE STAIN
110	2132 B	CAMPBELL GRAB W/OCAMERA	2	STIFF GREENISH GRAY FORAM CLAY
110	2133	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN FORAM RICH CLAY
110	2134	CAMPBELL GRAB W/OCAMERA	2	SURFACE BRN FORAM OOZE,GNISH GY MUD+STIFF CL,S/SPECKS BLK MUD,S/GRAVEL
110	2135	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY FORAM RICH CLAY,SCATTERED PEBBLES,MAXIMUM 4-8 MM
110	2136	CAMPBELL GRAB W/OCAMERA	2	(GY)GN CPT CL,BRNSH SURFACE OOZE W/F,S/SD,LRG SUBANG GRANITE PEBS
110	2137	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN MEDIUM COMPACT FORAM CLAY
110	2138	CAMPBELL GRAB W/OCAMERA	2	GREEN CLAYEY SILT,FORAMINIFEROUS
110	2139	CAMPBELL GRAB W/OCAMERA	2	GNSH GY SLTY CLY QTZOSE SD,DK TRAP RK PEBS(16-8MM),MORE SLT+CL W/DEPTH
110	2140	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN FORAM RICH CLAY,MEDIUM COMPACT
110	2141	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN FORAM RICH CLAY,SLIGHTLY COMPACT,FEW PEBBLES
110	2142	CAMPBELL GRAB W/OCAMERA	2	BROWN FORAM MUD SURFACE OVER GRAY FORAM CLAY,LITTLE SAND + GRAVEL
110	2143	CAMPBELL GRAB W/OCAMERA	2	GNISH GY STIFF FORAM RICH CL,SCT PEBS MAXIMUM 16-32MM,PLUTONIC TYPES
110	2144	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN SILTY CLAY W/ LT-BRN FLOCCULENT SURFACE,FEW PEBBLES 1/2-4CM
110	2145	CAMPBELL GRAB W/OCAMERA	2	BROWN FORAM OOZE OVER GREY MUD,FEW PIECES OF GRAVEL
110	2146	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY FORAM RICH CLAY
110	2147	CAMPBELL GRAB W/OCAMERA	2	GRAY-GREEN MEDIUM COMPACT FORAM RICH CLAY,BROWNISH SURFACE OOZE
110	2148	CAMPBELL GRAB W/OCAMERA	2	GREEN MUD
110	2149	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY FORAM RICH SAND
110	2150 A	CAMPBELL GRAB W/OCAMERA	2	BRNSH GY CLY MUD SURFACE,GNSH GY CLY MUD,LUMPS SLTY CL,FORAM RICH,SDY
110	2150 B	CAMPBELL GRAB W/OCAMERA	2	MOTD LIMEY PALE YL+PALE GN PRTY INDUR SLTY CL,POSSIBLE SHL IMPRESSIONS
110	2150 C	CAMPBELL GRAB W/OCAMERA	2	PIECES GREEN COMPACTED CLAY
110	2151	CAMPBELL GRAB W/OCAMERA	2	GRAYISH GREEN SILT CLAY,FLOCCULENT BROWN SURFACE
110	2152	CAMPBELL GRAB W/CAMERA	1	GREEN FORAM MUD
110	2153	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY STIFF FORAM RICH MUD,SCATTERED PEBBLES MAX-16-8 MM,QTZ
110	2154	CAMPBELL GRAB W/CAMERA	1	GY-GN FORAM RICH CL,UNUSUALLY THICK BRN SURFACE LAYER,S/ VERY FINE SD
110	2155	CAMPBELL GRAB W/CAMERA	1	GREEN FORAM MUD BENEATH BROWN FORAM MUD
110	2156	CAMPBELL GRAB W/CAMERA	1	BRN GY MUD SURFACE,GNSH GY F.SLTY CL,SCT PEBS 32-64MM,QTZ VEIN,LIM.STN
110	2157	CAMPBELL GRAB W/CAMERA	1	GY GN SLTY CL,LRG AMOUNT BRN SURFACE,FEW SM PEBS,PIECE CHLORITE SCHIST
110	2158	CAMPBELL GRAB W/CAMERA	1	GRAY-GREEN FORAM RICH CLAY
110	2159	CAMPBELL GRAB W/CAMERA	1	GREEN MUD
110	2160	CAMPBELL GRAB W/CAMERA	1	GREEN SAND,GRAVEL,ROCKS,GREENISH GRAY MUD
110	2161	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY SILTY SOFT CLAY
110	2162	CAMPBELL GRAB W/CAMERA	1	GREENISH GRAY FORAM RICH SOFT MUD,BROWN MUD SURFACE
110	2163	CAMPBELL GRAB W/CAMERA	1	GRAYISH GREEN SILTY-CLAY,DISTINCT BRN SURFACE,FEW PEBBLES(+2 CM)
110	2164	CAMPBELL GRAB W/CAMERA	1	GREEN MUD UNDER THIN SURFACE BROWN MUD
110	2165	CAMPBELL GRAB W/CAMERA	1	BROWNISH GRAY-GREENISH-GRAY CLAY,SCATTERED QTZ ANGULAR PEBBLES
110	2166	CAMPBELL GRAB W/CAMERA	1	BRN FORAM MUD,MOTD W/ GY FORAM MUD,RK TO 7CM(BASALT QUERY),SUBANGULAR
110	2167	CAMPBELL GRAB W/OCAMERA	2	REDDISH BRN-BRN SLTY FORAM CL,LENSES OF F,SCT PEBS VAR LITH,ANG-SUBRND
110	2168	CAMPBELL GRAB W/OCAMERA	2	BRN-RED SURFACE,GNISH GY FORAM STIFF CL,SCT-PEBS,DK QTZITE,VEIN QTZ
110	2169	CAMPBELL GRAB W/OCAMERA	2	GRAY-GREEN MEDIUM COMPACT FORAM CL W/BRN SURFACE OOZE,FEW RNDD PEBS.
110	2170	CAMPBELL GRAB W/OCAMERA	2	GREEN MUD + BROWN SURFACE MUD,SOME GRAVEL
110	2171	CAMPBELL GRAB W/OCAMERA	2	BROWN(SURFACE),GREENISH GRAY MUD + STIFF CLAY,SOME GRAVEL
110	2172	CAMPBELL GRAB W/OCAMERA	2	BRNSH PEBLY SURFACE MUD,GRNSH GY PEBLY MUD+SD+SLT,VAR.LITH,VAR.RNDNESS
110	2173	CAMPBELL GRAB W/OCAMERA	2	SDY PEBLY SLT+CL,GNSH GY SD SURFACE,ANG-RND PEBS,QTZITE,SLATE,GNSTONE
110	2174	CAMPBELL GRAB W/OCAMERA	2	GRAY GREEN MEDIUM COMPACT FORAM CLAY,FEW ANGULAR PEBS,ANG.CHERT FRAG.
110	2175	CAMPBELL GRAB W/OCAMERA	2	DROP 1-MD OL BRN SD,2-LG-PEBS(4-5) BASALT ETC.,3-OLIVE SILTY SAND
110	2176	CAMPBELL GRAB W/OCAMERA	2	GREEN FORAM SILTY SAND + SOME GRAVEL
110	2177	CAMPBELL GRAB W/OCAMERA	2	OLIVE GREEN,FORAM,SLTY,FINE SAND,POORLY SORTED,SEMI-PLASTIC
110	2178	CAMPBELL GRAB W/OCAMERA	2	MUD,DARK GRAY-GREEN,SMALL AMOUNT SHELL FRAGS,SCARCE GRNS(FORAMS QUERY)
110	2179	CAMPBELL GRAB W/OCAMERA	2	GRAY MUD
110	2180	CAMPBELL GRAB W/OCAMERA	2	GRAY MUD
110	2181	CAMPBELL GRAB W/OCAMERA	2	GREENISH-GRAY SILTY SAND CLAY,SCATTERED PEBBLES,MAX-8-16 MM
110	2182	CAMPBELL GRAB W/OCAMERA	2	SLTY SD,DK OL GN,SCT PEBS,METAMORPHIC RK,RND-ANG,S/CL+MUD,
110	2183	CAMPBELL GRAB W/OCAMERA	2	DROP 1-GY GN SLTY SD,2-SLTY FN SD,RELATIVELY HIGH CL,SCT F.,DK FLECKS
110	2184	CAMPBELL GRAB W/OCAMERA	2	GRAY MUD
110	2185	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY FORAM SILTY CLAY W/SCATTERED PEBBLES
110	2186	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY STIFF FORAM SILTY SANDY MUD,SCATTERED PEBBLES
110	2187	CAMPBELL GRAB W/OCAMERA	2	REDDISH BROWN CLAY,WITH FORAMS
110	2188	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY FORAM CLAY
110	2189	CAMPBELL GRAB W/OCAMERA	2	GREENISH GRAY STIFF FORAM MUD(BROWN FORAM MUD SURFACE)
110	2190	CAMPBELL GRAB W/OCAMERA	2	OLIVE GREEN CLAYEY SILT,SAND,+ANGULAR GRAVEL,VARIED LITHOLOGY
110	2191 A	CAMPBELL GRAB W/OCAMERA	2	PEBBLY,CLAYEY,SILTY,SAND,GRAY-GREEN,STIFF,WELL INDURATED
110	2191 B	CAMPBELL GRAB W/OCAMERA	5	ANG-RNDD PEBBLES,IGNEOUS + METAMORPHIC TYPES
110	2192	CAMPBELL GRAB W/OCAMERA	2	STIFF DARK GRAY CLAY,FEW FORAMS OR OTHER GRANULES
110	2193	CAMPBELL GRAB W/OCAMERA	2	DARK GRAY SANDY SILT,MANY SMALL PEBBLES,ANGULAR-ROUNDED
110	2194	CAMPBELL GRAB W/OCAMERA	2	GRAY + BROWNISH GRAY SILTY CLAY,SOME SAND + GRAVEL(ROUNDED + ANGULAR)
110	2195	CAMPBELL GRAB W/OCAMERA	2	GRAY SILTY CL,SOME SAND+GRAVEL,FORAMS
110	2196	CAMPBELL GRAB W/OCAMERA	2	SILTY VERY FINE SAND,NO PEBBLES

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CODE #	STATION #		EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2197		CAMPBELL GRAB W/OCAMERA	2	GRAY MUD,SOME FORAMS,CLAYEY,VERY LITTLE SILT OR SAND
110	2198		CHAIN DREDGE	11	SCALLOP SHELLS,PEBBLES+COBBLES +10CM,STAINED+DK COATED GRANITE+GNEISS
110	2199		CHAIN DREDGE	11	COBBLE,SCALLOP SHELLS,NO PEAT
110	2200		CAMPBELL GRAB W/OCAMERA	2	GY BRNSH GN CLY SLT,SDY-PEBLY-GLACIAL,VAR.LITH,FORAMS,15% CACO3
110	2201		CAMPBELL GRAB W/OCAMERA	2	GYISH BRN SLTY CL W/SPARSE GRV,V STIFF EXCEPT TOP FEW CM,TOP IS BRNER
110	2202		CAMPBELL GRAB W/OCAMERA	2	GRAYISH + GREENISH BROWN SLIGHTLY SANDY CLAYEY SILT,UNIFORM
110	2203		CAMPBELL GRAB W/OCAMERA	2	GY-BRNSH GN SLTY CL,ABU.F.+CL AGRS,DK.GRNS(GLAUC.QUERY)GN SH,SFT.RD.RK
110	2204		CAMPBELL GRAB W/OCAMERA	2	BRN GRVLY(25%)-SLTY SD,STRNY BIMODAL,ERRATICS(PRMT GN),GLOB,FORAMS
110	2205		CAMPBELL GRAB W/OCAMERA	2	GREYISH-BROWN FORAM + QTZ. SANDY + SILTY CLAY
110	2206		CAMPBELL GRAB W/OCAMERA	2	GRAY-GREENISH BROWN,20% FORAMS,CLAYEY SILT,ERRATIC PEBBLES
110	2207		CAMPBELL GRAB W/OCAMERA	2	BROWN PEBBLY SAND,MD-CRS,FEW GLOB,SOME BROWN(QUERY)
110	2208		PIPE DREDGE	14	NO SAMPLE
110	2209		PIPE DREDGE	14	GY-BRN FN.GREASY STICKY MUD,SLTY CL,NO COPROLITES,10% CALC,APTY.V,SM.F
110	2210		PIPE DREDGE	14	RD-BRN-GY BRN FN-MD SD,ABU.MN.STN,PEBS+COBS,F,TESTS,GLAUC(QUERY) GRNS,
110	2211		PIPE DREDGE	14	BROWN SLIGHTLY SILTY CLAY,VERY UNIFORM
110	2212		PIPE DREDGE	14	DK GY(BRNSH)GN SLTY CL MUD,V.FN,FEW PEBS,SLY CALC,F,S/GLAUC,COPROLITES
110	2213		CHAIN DREDGE	11	DROP 1-COBS,VAR.LITH,RNDD,W SRT,2-SAME,LESS W.SRT,ABU INCRUSTATIONS
110	2214		CHAIN DREDGE	11	GRAVEL-COBBLES,POORLY SORTED,V.WELL RNDD-ANG,VAR.LITH,MN STAIN
110	2215		CHAIN DREDGE	11	DROP 1-SHLS W/SD+PEBS INSIDE,2-COBS+BOULDERS,RNDD,GRANITIC,METAMORPHIC
110	2216		MINIATURE VAN VEEN	6	SAND,MEDIUM-COARSE,FEW PEBBLES,FINES PARTLY WASHED OUT
110	2217	A	MINIATURE VAN VEEN	6	DROP 1-CRS+V.CRS.SLY.GRVLY.SD,BRNSH.GY,PRY.SRT
110	2217	B	MINIATURE VAN VEEN	6	DROP 2-WELL SORTED FINE GRAY SAND
110	2218		MINIATURE VAN VEEN	6	BROWN-GRAY VERY FINE GRAINED WELL SORTED SAND
110	2219		SMITH-MCINTYRE W/OCAMERA	2	DARK BROWN LEAFY MUD
110	2220		SMITH-MCINTYRE W/OCAMERA	2	SLY.SLTY.CLAY,UNIFORM,SURFACE 0.5CM OXIDIZED,SLY RDSH-BRN,GYER.W/DEPTH
110	2221		SMITH-MCINTYRE W/OCAMERA	2	SLY.SLTY.CL,SURFACE 1CM MD.RDSH BRN,GRAYER W/DEPTH,UPPER 1CM SFT+SOUPY
110	2222		SMITH-MCINTYRE W/OCAMERA	2	MD.BRN.SLY.SLTY.CL,W/ POCKETS OF MD-DK.GY.SURFACE V.SOFT
110	2223		SMITH-MCINTYRE W/OCAMERA	2	SILTY BROWN CLAY W/ POCKETS OF MEDIUM-LIGHT GRAY
110	2224		SMITH-MCINTYRE W/OCAMERA	2	V.SLIGHTLY SILTY CLAY,OLIVE GRAY,SURFACE RDSH BRN,GY MOTD,V.SOFT
110	2225		SMITH-MCINTYRE W/OCAMERA	2	OLIVE GRAY,V.SILTY CLAY,MICACEOUS,MANY LEAF FRAGS,NO DARK GRAY
110	2226		SMITH-MCINTYRE W/OCAMERA	2	GREENISH-GRAY SLIGHTLY SILTY CLAY
110	2227	A	SMITH-MCINTYRE W/OCAMERA	2	1-4CM.MD.BRN V.FN.GRN.SD,W.SRT,SURFACE RIPPLE MARKED
110	2227	B	SMITH-MCINTYRE W/OCAMERA	2	+15CM PEAT,DARK BROWN,CONTACT 5-6CM RELIEF,MOTTLED
110	2228		SMITH-MCINTYRE W/OCAMERA	2	BROWN SLIGHTLY SILTY CLAY,MOTTLED SLIGHTLY WITH GRAY,UNIFORM
110	2229		SMITH-MCINTYRE W/OCAMERA	2	MD.BROWN V.FN,GRN.W.SRT.SAND,COLOR GRADES DOWN TO DK.OL-GN.GY.AT 15CM.
110	2230		SMITH-MCINTYRE W/OCAMERA	2	SLTY+SLY.CLY.V.FN.GRN.SD,UPR.1CM.BRN,GNSH-BLK,BELOW,COLOR CT.V.IRRG.
110	2231		SMITH-MCINTYRE W/OCAMERA	2	SLTY.V.FN.GRN,MODY,W.SRT SD,UPR.1CM.BRN,GY.BELOW,CT IRRG,1-2CM RELIEF
110	2232		SMITH-MCINTYRE W/OCAMERA	2	SLTY.V.FN.GRN.SD,UPR.2CM.BRN,THEN GY,SL.H2S ODOR AT DEPTH
110	2233		SMITH-MCINTYRE W/OCAMERA	2	W.SRT.V.FN.GRN.SD,UPR.3CM.BRN,THEN LT.GY,UNFM,COLOR BOUNDARY PLANE
110	2234		SMITH-MCINTYRE W/OCAMERA	2	MD.GNSH GY SLTY CL OR CLY SLT,UNIFORM
110	2235		SMITH-MCINTYRE W/OCAMERA	2	SILTY V.FINE GRAINED SAND,BROWN 1CM TOP,BROWN-GRAY BELOW
110	2236		SMITH-MCINTYRE W/OCAMERA	2	SLIGHTLY SILTY CLAY,DARK GREENISH GRAY,UNIFORM COLOR ETC.
110	2237		SMITH-MCINTYRE W/OCAMERA	2	SLIGHTLY SILTY DARK GREENISH GRAY CLAY,BROWN SURFACE,NO LITH.CHANGE
110	2238		SMITH-MCINTYRE W/OCAMERA	2	GY.SDY.CL,BRN SLY SDY SURFACE,V.SDY.AT 15CM,CLY.SD.AT 20CM,FN.GRN
110	2239		SMITH-MCINTYRE W/OCAMERA	2	DK.GNSH.GY.CL,SLY.SLTY.BROWNER SURFACE,NO SILT AT 15CM.
110	2240		SMITH-MCINTYRE W/OCAMERA	2	DK.GNSH.GY.CL,NON-SLTY,SOUPY+ALMOST POURABLE,UNIFORM,UPPER 2-4CM BROWN
110	2241		DIETZ-LAFOND	7	DARK GREENISH GRAY SLIGHTLY SILTY CLAY
110	2242		DIETZ-LAFOND	7	MEDIUM DARK GRAY SILTY SAND
110	2243		DIETZ-LAFOND	7	SILTY+SLIGHTLY SANDY DARK OLIVE GRAY CLAY
110	2244		SMITH-MCINTYRE W/OCAMERA	2	DARK GREENISH GRAY SILTY CLAY,UNIFORM,BRN.SURFACE+MIXED THROUGHOUT
110	2245		SMITH-MCINTYRE W/OCAMERA	2	OLIVE GRAY SLIGHTLY SILTY CLAY W/STREAKS OF DARK GRAY
110	2246		SMITH-MCINTYRE W/OCAMERA	2	DARK GREENISH GRAY SILTY CLAY W/ PLANT FRAGS
110	2247		DIETZ-LAFOND	7	COARSE BROWN SHELLY+GRVY SAND UNDER 2CM.MD.GRAY SANDY + CLAYEY SILT
110	2248		DIETZ-LAFOND	7	BROWN SHELL HASH WITH COARSE SAND
110	2249		DIETZ-LAFOND	7	FINE GRAINED W.SRT(QUERY),BROWNISH-GRAY SAND,W/SMALL AMOUNT SHL FRAGS
110	2250		SMITH-MCINTYRE W/OCAMERA	2	V.COARSE BROWN POORLY SORTED QTZ SAND W/ 1-2% SMALL SHELL FRAGS
110	2250U		SCOOPFISH	8	FINE SAND AND SHELL
110	2251		SMITH-MCINTYRE W/OCAMERA	2	BROWN SHELLY(4%) QTZ SAND,NOT WELL SORTED
110	2252		SMITH-MCINTYRE W/CAMERA	1	FN GRN BRN QTZ SD,SLY SHLY(1%),DK.GY,BELOW 2-3CM,STRONG H2S SMELL
110	2253		SMITH-MCINTYRE W/CAMERA	1	WELL SORTED V.FINE GRAINED SHELLY(4%),GRAY SAND
110	2254		SMITH-MCINTYRE W/CAMERA	1	UPR.3CM FAIRLY W.SRT.GY-BRN FN.GRN.SD,THEN GRAY SILTY + CLAYEY FINE SD
110	2255		MINIATURE VAN VEEN	6	SILTY+SLY.SANDY BROWN CLAY,UPPER 1/2CM.YELLOW-ORANGE GRAY STREAKS
110	2256		SMITH-MCINTYRE W/OCAMERA	2	UNIFORM BROWN MEDIUM SAND WITH 4% SMALL SHELL FRAGS
110	2257		SMITH-MCINTYRE W/CAMERA	1	BROWN MEDIUM WELL SORTED SAND W/O MANY SHL FRAGS(<1%),UNIFORM
110	2258		SMITH-MCINTYRE W/CAMERA	1	COARSE BROWN SAND,UNIFORM,WITH 1-2% SHELL FRAGS(SMALL)
110	2259		SMITH-MCINTYRE W/CAMERA	1	FINE GRAINED BROWN FAIRLY WELL SORTED UNIFORM SAND,2% SHELL FRAGS
110	2260		SMITH-MCINTYRE W/CAMERA	1	FINE GRAINED UNIFORM FAIRLY WELL SORTED SAND,LIGHT OLIVE GRAY
110	2261		SMITH-MCINTYRE W/CAMERA	1	FINE GRAINED LIGHT OLIVE GRAY,WELL SRT.QTZ.SD,UNFM,VERTY,3% SHL.FRAGS,
110	2262		SMITH-MCINTYRE W/CAMERA	1	LIGHT OLIVE GRAY FINE GRAINED W.SORTED SAND,VERTY.UNFM,2% SHELL FRAGS.
110	2263		SMITH-MCINTYRE W/OCAMERA	2	W.SRT.MD.LT.OL.GY.SD,W/2% SHL.FRAGS,STRAT.W/LARGER SHL.FRAGS+DK.MINS.
110	2264		SMITH-MCINTYRE W/OCAMERA	2	V.CRS+SHLY.LT.GY.SD,SURFACE DK.BRN,LRG.WOOD FRAGS
110	2265		SMITH-MCINTYRE W/OCAMERA	2	UNIFORM LIGHT OLIVE GRAY CRS-V.CRS.SAND WITH 5-10% SHELL
110	2266		SMITH-MCINTYRE W/OCAMERA	2	MD.GRN.LIGHT OLIVE GRAY QTZ SAND,HIGH PERCENT(4%) DK.V.ROUNDED GRAINS
110	2267		SMITH-MCINTYRE W/OCAMERA	2	V.PRY.SRT.DK.GY.MD.GRN.CALC.QTZ SD,PHOS.GRV,CREAM-COLORED PIECE LS.
110	2268		SMITH-MCINTYRE W/OCAMERA	2	LIGHT GREENISH GRAY UNIFORM W.SORTED MEDIUM CLEAN QTZ SAND
110	2269		SMITH-MCINTYRE W/OCAMERA	2	MEDIUM LIGHT OLIVE GRAY MEDIUM GRAINED W.SORTED SAND,3-4% SHELL FRAGS
110	2270		SMITH-MCINTYRE W/OCAMERA	2	MD-CRS.MODY-W.SRT.QTZ.SD,LT.YLSH BRN,CL.LUMPS TO 2CM,BRN+DK.GY,-1% SHL
110	2271		SMITH-MCINTYRE W/OCAMERA	2	PRY.SRT.V.CLY+SLTY FN QTZ SD,DK GNSH GY,BRN.TOP,GRADES TO SDY+SLTY CL.
110	2272		SMITH-MCINTYRE W/OCAMERA	2	V.CLY+SLTY CRS.QTZ SD,BRN,MUD LUMPS OR PELLETS,NO STR,LRG,PLANT FRAGS
110	2273		SMITH-MCINTYRE W/OCAMERA	2	LIGHT OLIVE GRAY V.W.SRT.MD.QTZ SAND,V.FEW SHELL FRAGS(<1%)
110	2273U		SCOOPFISH	8	DARK GRAY CLAYEY SILT
110	2274		SMITH-MCINTYRE W/OCAMERA	2	MODY W.SRT.MD.QTZ SAND,LIGHT GRAY,SUBROUNDED CHUNKS OF BLACK MINERAL
110	2275		ANCHOR FLUKES	99	LIGHT GREENISH GRAY CLAYEY SILT OR V.FN.SAND,CLEAN+UNIFORM,H2S ODOR
110	2276		SMITH-MCINTYRE W/OCAMERA	2	UPR 3CM SILTY+SLY SANDY CLAY,GRADES TO V.SANDY+SILTY CLAY,BOTH DARK GY
110	2277	A	SMITH-MCINTYRE W/OCAMERA	2	9CM MD.GRN.V.W.SRT.LT.BRN.SD.
110	2277	B	SMITH-MCINTYRE W/OCAMERA	2	SHARP CONTACT,V.DK GY NON SLTY CLAY +10CM,H2S SMELL
110	2277	C	SMITH-MCINTYRE W/OCAMERA	2	MIXED A+B
110	2278		MINIATURE VAN VEEN	6	MEDIUM GRAINED VERY WELL SORTED LIGHT BROWN SAND
110	2279		SMITH-MCINTYRE W/OCAMERA	2	MD.SAND,LIGHT OLIVE GRAY,SMALL AMOUNT SMALL GRAVEL,SMALL+LRG,SHL.FRAGS
110	2280		SMITH-MCINTYRE W/OCAMERA	2	CLEAN V.WELL SORTED MEDIUM OLIVE GRAY V.FINE SAND,1% SHELL FRAGS

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2281	SMITH-MCINTYRE W/BCAMERA	2	V.W.SRT.V.FN.SD,FEW(<1%) SHL FRAGS,UPR 3-4CM MD.OL GY,MD BL-GY BELOW
110	2282	SMITH-MCINTYRE W/BCAMERA	2	WELL SORTED SILT OR V.FINE SAND,MEDIUM OLIVE GRAY,FEW SHELL FRAGS
110	2283	SMITH-MCINTYRE W/CAMERA	1	W.SRT.V.FN.SD,FEW SM.SHELL FRAGS,S/LRG,UPR 4CM MD OLIVE GRAY,GY BELOW
110	2284	SMITH-MCINTYRE W/CAMERA	1	V.W.SRT.V.FN.SD OR SLT,MANY SHL FRAGS,MD.OL.GY,A LITTLE DARKER AT 10CM
110	2285	SMITH-MCINTYRE W/CAMERA	1	W.SRT.V.FINE SAND OR SILT,TOP 3CM,MD.OLIVE GRAY,MD.GRAY BELOW
110	2286	SMITH-MCINTYRE W/CAMERA	1	FINE SANDY SILT,MD.OLIVE GRAY,DARKER BELOW SURFACE,POSSIBLY H2S
110	2287	SMITH-MCINTYRE W/CAMERA	1	POORLY SORTED FINE SILTY SAND,NUMEROUS SHELLS,MEDIUM OLIVE GRAY
110	2288	SMITH-MCINTYRE W/CAMERA	1	MEDIUM SORTED MEDIUM SAND,LIGHT OLIVE GRAY
110	2289	SMITH-MCINTYRE W/CAMERA	1	WELL SORTED VERY FINE SILTY SAND,SOME SHELL FRAGS,LIGHT OLIVE GRAY
110	2290	SMITH-MCINTYRE W/BCAMERA	1	MODERATELY WELL SORTED FINE SAND,LIGHT OLIVE GRAY,FEW SHELL FRAGS
110	2291	SMITH-MCINTYRE W/BCAMERA	1	WELL SORTED VERY FINE SAND,LIGHT GRAY
110	2292	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM SAND,MEDIUM-GOOD SORTING
110	2293	SMITH-MCINTYRE W/BCAMERA	2	CLAYEY SANDY SILT,DARK GRAY
110	2294	SMITH-MCINTYRE W/BCAMERA	2	POORLY SORTED CRS.SAND,MANY SHELLS,APPROACHING SHELL HASH,DK.GNSH GRAY
110	2295	SMITH-MCINTYRE W/BCAMERA	2	FINE WELL SORTED SAND
110	2296	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM-WELL SORTED FINE SAND,LIGHT OLIVE GRAY
110	2297	SMITH-MCINTYRE W/BCAMERA	2	WELL SORTED FINE QTZ SAND,LIGHT GREENISH GRAY
110	2298	SMITH-MCINTYRE W/BCAMERA	2	WELL SORTED FINE QTZ SAND,LIGHT GREENISH GRAY
110	2299	SMITH-MCINTYRE W/BCAMERA	2	NONE
110	2300	SMITH-MCINTYRE W/BCAMERA	2	1CM BROWN POORLY SRT.FINE SAND OVER BLACK NON-SILTY CLAY
110	2301	SMITH-MCINTYRE W/BCAMERA	2	SILTY CLAY,UPPER 1CM MORE SILTY-MD.OLIVE GRAY,BELOW IS GRAYISH BLACK
110	2302	SMITH-MCINTYRE W/BCAMERA	2	COARSE WELL SORTED BROWN SAND,CLAYEY STREAKS-CLAY BALLS
110	2303	DIETZ-LAFOND	7	BLACK MUD W/SOME MODERATE BROWN MEDIUM SAND
110	2304A	MINIATURE VAN VEEN	6	MEDIUM-COARSE BROWN SAND,SOME IRON STAIN
110	2304B	MINIATURE VAN VEEN	6	MEDIUM SAND WITH SOME IRON COATING
110	2304C	MINIATURE VAN VEEN	6	MEDIUM IRON COATED SAND
110	2304D	MINIATURE VAN VEEN	6	FINE BROWN SAND
110	2305	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM-COARSE LIGHT BROWN SAND
110	2306	SMITH-MCINTYRE W/BCAMERA	2	SHELL HASH
110	2307	SMITH-MCINTYRE W/BCAMERA	2	FINE-MEDIUM LIGHT BROWN WELL SORTED SAND
110	2308	SMITH-MCINTYRE W/BCAMERA	2	FINE LIGHT BROWN SAND,SOME SHELL FRAGS,GRAY BELOW TOP 1CM.
110	2309	SMITH-MCINTYRE W/BCAMERA	2	FINE-MEDIUM QTZ SAND,LIGHT OLIVE GRAY TOP 5CM,GRAY BELOW
110	2310	SMITH-MCINTYRE W/BCAMERA	2	FINE-MEDIUM QTZ SAND
110	2311	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM SAND,MODERATE BROWN
110	2312	SMITH-MCINTYRE W/BCAMERA	2	COARSE SAND,DARK GREENISH GRAY,MANY SHELL FRAGS
110	2313	SMITH-MCINTYRE W/BCAMERA	2	VERY FINE GRAINED LIGHT OLIVE GRAY SAND
110	2314	SMITH-MCINTYRE W/CAMERA	1	WELL SORTED FINE GRAINED MEDIUM OLIVE GRAY SAND,MEDIUM DARK GY AT 5CM
110	2315	SMITH-MCINTYRE W/CAMERA	1	WELL SORTED FINE GRAINED MEDIUM OLIVE-GRAY SAND,DARK GRAY BELOW 3CM
110	2316	SMITH-MCINTYRE W/CAMERA	1	COARSE VERY SHELLY SAND,VARICOLORED,ABOUT MEDIUM OLIVE GRAY
110	2317	SMITH-MCINTYRE W/BCAMERA	2	VERY SHELLY COARSE SAND,APPROACHING A SHELL HASH,VARICOLORED,MD.OL.GY.
110	2318	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM SAND,MANY SHELL FRAGS,NEARLY A SHELL HASH,VARICOLORED
110	2319	SMITH-MCINTYRE W/BCAMERA	2	2CM SILTY FINE SAND OVER PRY SORTED MD.SAND,BOTH DARK GREENISH GRAY
110	2320	SMITH-MCINTYRE W/BCAMERA	2	LT.OL.GY-FN.W.SRT.SD,THIN,MD.GY STREAKS IN THIN LAYER 3-4CM BELOW TOP
110	2321	SMITH-MCINTYRE W/BCAMERA	2	DARK GREENISH GRAY VERY FINE SAND OR SILT
110	2322	SMITH-MCINTYRE W/BCAMERA	2	SILTY VERY FINE SAND,MEDIUM OLIVE GRAY
110	2323	SMITH-MCINTYRE W/BCAMERA	2	W.SORTED V.FINE SAND OR SILT,FEW OR NO SHELL FRAGS,DARK OLIVE GRAY
110	2324	SMITH-MCINTYRE W/BCAMERA	2	V.FINE W.SORTED SAND OR SILT,MEDIUM DARK OLIVE GRAY
110	2325	SMITH-MCINTYRE W/BCAMERA	2	COARSE QTZ SAND W/ MUCH SHELL FRAGS,BROWN
110	2326	SMITH-MCINTYRE W/BCAMERA	2	COARSE QTZ SAND,NUMEROUS SHELL FRAGS
110	2327	SMITH-MCINTYRE W/BCAMERA	2	MD.LT.BRN.SD(BEACH SD),SHELL FRAGS LARGER THAN SD SIZE
110	2328	SMITH-MCINTYRE W/BCAMERA	2	WELL SORTED VERY FINE SAND OR SILT,DARK GREENISH GRAY
110	2329	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM GRAINED LIGHT BROWN QTZ SAND W/SOME SHELL
110	2330	SMITH-MCINTYRE W/BCAMERA	2	DARK GREENISH GRAY FINE SOMEWHAT POORLY SORTED SAND,MANY WORM TUBES
110	2331	SMITH-MCINTYRE W/BCAMERA	2	MEDIUM-COARSE BROWN SAND,DARK YELLOWISH BROWN
110	2332	SMITH-MCINTYRE W/BCAMERA	2	DARK GREENISH GRAY VERY FINE SILTY SAND
110	2333	SMITH-MCINTYRE W/BCAMERA	2	DARK GREENISH GRAY VERY FINE SAND,UNIFORM,SLY DARKER W/DEPTH
110	2334	CHAIN BAG+SM.PIPE DREDGE	18	GREENISH GRAY MUDDY GLOBIGERINA OOZE
110	2335	CHAIN BAG+SM.PIPE DREDGE	18	GLOBIGERINA OOZE
110	2336	PIPE DREDGE,12 INCH	10	OLIVE GRAY MUDDY GLOBIGERINA OOZE WITH PTEROPODS
110	2337	PIPE DREDGE,12 INCH	10	LIGHT GRAY GREEN MUDDY GLOBIGERINA OOZE
110	2338 A	PIPE DREDGE,12 INCH	10	OOZE AS BEFORE
110	2338 B	PIPE DREDGE,12 INCH	10	OOZE AS BEFORE
110	2339	CHAIN BAG DREDGE+SM.PIPE	18	CORAL+MANGANESE NODULES
110	2340	CHAIN BAG DREDGE+SM.PIPE	18	CREAM STICKY CARBONATE MUD W/GLOB,MANGANESE(QUERY),PHOSPHATE NODULES
110	2341	CHAIN BAG DREDGE+PIPE	18	LIGHT BROWN GLOBIGERINA SAND W/PTEROPODS,WELL SORTED
110	2342	CHAIN BAG DREDGE+PIPE	18	CREAM-LT.BRN.FAIR SRT MUDDY SD,6FT GLOBULAR BLOCK MANGANESE NODULES
110	2343	CHAIN BAG DREDGE+SM.PIPE	18	CREAM-LT.BRN.W.SRT.CLEAN SANDY GLOBIGERINA-PTEROPOD OOZE
110	2344	CHAIN BAG+SM.PIPE DREDGE	18	TAN-BRNSH,W.SRT,GLOB.SD,LT.GRAY GLOB OOZE
110	2345	CHAIN BAG DREDGE+SM.PIPE	18	LIGHT GRAY-BROWN MEDIUM SAND
110	2346	CHAIN BAG+SM.PIPE DREDGE	18	LIGHT BROWN GLOBIGERINA SAND,WITH NODULES OR CONCRETIONS
110	2347 A	CHAIN BAG+PIPE DREDGE	18	LIGHT TANNISH GRAY GLOBIGERINA PTEROPOD OOZE
110	2347 B	CHAIN BAG+PIPE DREDGE	18	LIGHT TANNISH GRAY GLOBIGERINA PTEROPOD OOZE
110	2348	CHAIN BAG DREDGE+SM.PIPE	18	CREAM-LIGHT BROWN MUDDY GLOBIGERINA-PTEROPOD OOZE
110	2349	CHAIN BAG DREDGE+SM.PIPE	18	BROWN WELL SORTED GLOBIGERINA SAND,FEW CONCRETIONS
110	2350	CHAIN BAG+SM PIPE DREDGE	18	GRAYISH BROWN SANDY WELL SORTED GLOBIGERINA-PTEROPOD OOZE
110	2351	CHAIN BAG+SM PIPE DREDGE	18	LIGHT GRAY-BROWN GLOBIGERINA OOZE
110	2352	CHAIN BAG DREDGE+PIPE	18	BROWN,SLY MUDDY,GLOBIGERINA SD,FEW COMPACTED LUMPS ON BOTTOM
110	2353	CHAIN BAG+SM.PIPE DREDGE	18	LIGHT GRAYISH-BROWN,SILTY,GLOBIGERINA OOZE
110	2354	CHAIN BAG+PIPE	18	CREAM-LIGHT BROWN FAIR SORTED SANDY GLOBIGERINA OOZE
110	2355A	BOOMERANG CORER	22	NO RECOVERY OF CORE A
110	2355B	BOOMERANG CORER	22	TOP-GRAYISH-BROWN FINE MUDDY OOZE TO BLUISH FINE CLAY ON BOTTOM
110	2355C	BOOMERANG CORER	22	TOP-GRAYISH BROWN SANDY GLOBIGERINA OOZE TO TANNISH BROWN CLAY BOTTOM
110	2356	CHAIN BAG+SM.PIPE DREDGE	18	LIGHT GRAY,FINE,MUDDY GLOBIGERINA OOZE
110	2357	CHAIN BAG	11	CREAM-LIGHT BROWN MUDDY GLOBIGERINA OOZE
110	2358	CHAIN BAG+PIPE	18	BROWN FAIR SORTED GLOBIGERINA SAND
110	2359	CHAIN BAG+SM.PIPE DREDGE	18	GREYISH BROWN,GLOBIGERINA SAND,MUCH ANIMAL REMAINS
110	2360	CHAIN BAG+PIPE	18	BROWN FAIR SORTED GLOBIGERINA OOZE
110	2361	CHAIN BAG+PIPE	18	CREAM-BRN.GLOB.OOZE+MUD.SL.DIFF.INTO MUD+CLEAN STKS.W/PTS.SWLS.GY-BRN
110	2362	CHAIN BAG+SM.PIPE DREDGE	18	GRAYISH BROWN,SANDY GLOBIGERINA OOZE,FAIRLY SORTED
110	2363	CHAIN BAG+SM.PIPE DREDGE	18	BROWN GLOBIGERINA-PTEROPOD SAND

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2364	CHAIN BAG+PIPE	18	SAME CREAM-GRAY BROWN GLOBIGERINA SANDY OOZE
110	2365	CHAIN BAG+PIPE	18	GRAYISH-BROWN,SANDY,GLOBIGERINA OOZE,PTEROPODS
110	2366	CHAIN BAG+PIPE	18	TANNISH BROWN,W.SRT.SANDY GLOBIGERINA OOZE,PTEROPODS+SHELL FRAGS
110	2367	CHAIN BAG+PIPE	18	CREAM-LIGHT BROWN MUDDY GLOBIGERINA OOZE,V.HOMOGENEOUS,NOT MANY PTS.
110	2368	CHAIN BAG+PIPE	18	WHITISH GRAY(S/BRN SPECKS) SANDY WELL SORTED GLOBIGERINA OOZE
110	2369	CHAIN BAG+PIPE	18	LIGHT GRAY BROWN GLOBIGERINA OOZE
110	2370	CHAIN BAG+PIPE	18	BROWN WELL SORTED GLOBIGERINA SAND
110	2371	CHAIN BAG+PIPE	18	CREAMISH GRAY GLOBIGERINA SAND
110	2372	CHAIN BAG+PIPE	18	COARSE SAND,WELL SORTED,BROWN-LIGHT GRAY,FORAMS+GLOBIGERINA OOZE
110	2373	CHAIN BAG+PIPE	18	BROWN-GRAY BROWN W.SRT HOMOGENEOUS GLOB.OOZE,DARK+FOSSILIFEROUS LOOK
110	2374	CHAIN BAG+PIPE	18	GY-BRN.W.SRT.GLOB.SD,BLK MN-P205 NODS,CRM.INDUR SS OR GLOB.MTRL,GRITTY
110	2375	CHAIN BAG+PIPE	18	SEMI-INDUR.MD.CRS.GLOB.OOZE+FORAMS,PHOSPHATE+MN NODULES IN PLACE
110	2376	CHAIN BAG+PIPE	18	BROWN WELL SORTED GLOBIGERINA SAND
110	2377	CHAIN BAG+PIPE	18	TAN,CLEAN,WELL SORTED,GLOBIGERINA-FORAM SAND,ANIMAL REMAINS ABUNDANT
110	2378	CHAIN BAG+PIPE	18	SEMI-INDUR.FORAM+PTEROPOD ROCK,LIGHT BROWN MEDIUM FORAM SEDIMENT
110	2379	CHAIN BAG+PIPE	18	LT.GY BRN PTEROPOD OOZE,S/FORAMS,FEW INDUR.GLOB.CHUNKS,2 BITS CORAL
110	2380	CHAIN BAG+PIPE	18	MD-DK BROWN W.SORTED HOMOGENEOUS GLOBIGERINA-PTEROPOD SAND
110	2381	CHAIN BAG+PIPE	18	INDUR.CRM.F.RK,W.RNDD MN-P205 NODS,BRNSH GY.W.SRT.CLEAN GLOB.SD.
110	2382	CHAIN BAG+PIPE	18	V.WELL ROUNDED BLACK MN-P205 NODS TO 20CM,S/ COARSE FORAM MATRIX
110	2383	CHAIN BAG+PIPE	18	PLATEY BLACK MN NODULES,TO 30 CM,BROWN W.SORTED GLOB.OOZE
110	2384	CHAIN BAG+PIPE	18	CLEAN WELL SORTED GREY-BROWN GLOB SAND,FRAGS+W.RNDD MN.NODS,S/PLATY
110	2385	CHAIN BAG+PIPE	18	6-8 SLAB NODS 15-25 CM,COVERED W/LIVE BIOLOGY,BROWN GLOB.SAND
110	2386	CHAIN BAG+PIPE	18	CREAM-LIGHT BROWN WELL SORTED GLOBIGERINA SAND W/PTEROPODS,FLAT MN NOD
110	2387	CHAIN BAG+PIPE	18	BLACK MN.SLABS 0-80 CM,4-5CM THICK,DARK BROWN GLOB.OOZE
110	2388	CHAIN BAG+PIPE	18	PLATES MN-P205 ENCRUSTED W/SPONGE+CORAL,FEW RNDD NODS,TRACE BRN.SD.
110	2389	CHAIN BAG+PIPE	18	BRN,MD-CRS FORAM(SEVERAL SPECIES)SAND,SLABS MN-P205 W/LIVE ORGANISMS
110	2390	CHAIN BAG+PIPE	18	MN.SLABS 60-70 CM WIDE,5-10 THICK
110	2391	12 INCH PIPE DREDGE	14	FEW PIECES CORAL,1 ROCK FRAG
110	2392	12 INCH PIPE DREDGE	14	DARK BROWN-DARK GRAY GLOB.SAND,PTEROPOD SHELL FRAGS,PLATES MN.NODULES
110	2393	12 INCH PIPE DREDGE	14	DARK MEDIUM COARSE GLOB.SAND,WELL SORTED,PLATY NODULES
110	2394	12 INCH PIPE DREDGE	14	TAN-BROWN GLOB,PTEROPOD SAND,W.SORTED,MANY PTEROPODS,UNIFORM
110	2395	12 INCH PIPE DREDGE	14	GRAY-BROWN FORAM GLOB.SAND,MUCH SHELL MATERIAL,PRY.SRT,PLATY MN.NODS.
110	2396	12 INCH PIPE DREDGE	14	LIGHT BROWN MEDIUM WELL SORTED SAND AND FORAMS
110	2397	12 INCH PIPE DREDGE	14	PHOSPHATE NODULES,BROWN WELL SORTED GLOB-PTEROPOD SAND
110	2398	12 INCH PIPE DREDGE	14	RK FRAGS-FE+MN.STN-PLATY NODS(STAINED RK.QUERY);SPONGE+CORAL CRUST
110	2399	12 INCH PIPE DREDGE	14	BROWN-BLACK MOTTLED PHOSPHATE NODULES TO 10 CM,FOSSIL BONE+SHELLS
110	2400	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2401	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2402	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2403	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2404	MODIFIED PIERCE DREDGE	16	GRAY SAND+SHELL
110	2405	MODIFIED PIERCE DREDGE	16	GRAY SAND+SHELL
110	2406	MODIFIED PIERCE DREDGE	16	GRAY SAND+SHELL
110	2407	MODIFIED PIERCE DREDGE	16	SAND+GRAVEL
110	2408	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2409	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2410	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2411	MODIFIED PIERCE DREDGE	16	GRAY SAND
110	2412	CHAIN BAG+PIPE	18	MEDIUM DARK GRAY-BROWN,V.COARSE,W.SRT.CLEAN QTZ SAND,10-15% SHELL
110	2413	CHAIN BAG+PIPE	18	LIGHT GRAYISH-BROWN,POORLY SORTED,MUDDY,GLOB.OOZE,BITS OF CORAL
110	2414	CHAIN BAG+PIPE	18	LIGHT BROWN MEDIUM SAND,W.SRT,GLOB,IRREGULAR PIECES DK NODS,ORGANISMS
110	2415	CHAIN BAG+PIPE	18	GREEN MEDIUM WELL SORTED SAND
110	2416	CHAIN BAG+PIPE	18	-
110	2417	CHAIN BAG+PIPE	18	COARSE GRAY SAND
110	2418	CHAIN BAG+PIPE	18	GRAY,FINE,UNIFORM,SPECKLED SAND+SHELL
110	2419	CHAIN BAG+PIPE	18	LIGHT GRAY SPECKLED UNIFORM FINE-MD.W.SRT QTZ SD.,10-15% SHELL
110	2420	CHAIN BAG+PIPE	18	GRAY SPECKLED FAIR SORTED CLEAN QTZ SAND,20% SHELL
110	2421	MODIFIED PIERCE DREDGE	16	SAND+SHELL,40% SHELL
110	2422	MODIFIED PIERCE DREDGE	16	FINE GRAY SAND W/LITTLE OR NO SHELL
110	2423	MODIFIED PIERCE DREDGE	16	GRAY BROWN,COARSE TO MEDIUM FINE SAND
110	2424	MODIFIED PIERCE DREDGE	16	FINE-MEDIUM COARSE QTZ SAND
110	2425	MODIFIED PIERCE DREDGE	16	FINE GRAY BROWN SAND WITH SOME SHELL
110	2426	MODIFIED PIERCE DREDGE	16	LARGE COARSE SHELL
110	2427	MODIFIED PIERCE DREDGE	16	MEDIUM COARSE SHELL
110	2428	MODIFIED PIERCE DREDGE	16	FINE GRAY SAND WITH SOME SHELL
110	2429	MODIFIED PIERCE DREDGE	16	FINE GRAY SAND,LITTLE OR NO SHELL
110	2430	CHAIN BAG+SM.PIPE DREDGE	18	GREENISH-GRAY SILTY FINE SAND,MOSTLY QTZ,5% SHELL
110	2431	CHAIN BAG+SM.PIPE	18	GREENISH GRAY V.FN.SLTY SD(QTZ SD);SOME SHELLS,10-20% QUERY
110	2432	CHAIN BAG+SM.PIPE	18	V.FN.GNSH-GY.SLTY.SD,MOSTLY QTZ,BROKEN SHELLS 30-35%,CORAL ROCK FRAGS
110	2433	CHAIN BAG+SM.PIPE	18	LIGHT GRAY BROWN MEDIUM-WELL SORTED SAND
110	2434	CHAIN BAG+SM.PIPE	18	GNSH.GY-BRN.PRY.SRT.CRS.SD.W/50% SHL+CARBONATE,REEF ROCK
110	2435	CHAIN BAG+SM.PIPE	18	GRAY-BRN.PRY SRT.UNIFORM QTZ-CARBONATE SD,1/2 OOZE+1/2 QTZ.SD.
110	2436	CHAIN BAG+SM.PIPE	18	SD,GY,FN,CALC,W.SRT,ROCK,CEMENTED,CALC,W/SHELLS,CORALS+WORM TUBES
110	2437	CHAIN BAG+SM.PIPE	18	BROWNISH GRAY FINE SAND
110	2438	CHAIN BAG+SM.PIPE	18	BRN-LT.BRN.IRRG.CHUNKS ROUGH PHOSPHORITE TO 30CM,RIB BONES,CINDERS ETC
110	2439	CHAIN BAG+SM.PIPE	18	WHITE CORAL FRAGS,NO ROCK,TRACE OF GLOBIGERINA-PTEROPOD OOZE
110	2440	CHAIN BAG+SM.PIPE	18	LT.BRN.FAIR SRT.GLOB-PT.SD W/CORAL,PHOSPHATE PEBS,+CRS.GLOB.SANDSTONE
110	2441	CHAIN BAG+SM.PIPE	18	MD-FN.GYSH.BRN.CALC.SD(CORALS,PTS,GLOB.BITS),BROKEN SHLS,PR-FAIRLY SRT
110	2442	CHAIN BAG+SM.PIPE	18	CREAM-TAN UNIFORM FAIR SORTED RATHER STIFF GLOBIGERINA SAND
110	2443	CHAIN BAG+SM.PIPE	18	OOZE,TAN,GLOBIGERINA+PTEROPOD,WELL SORTED,VERY FINE
110	2444	CHAIN BAG+SM.PIPE	18	OOZE,TAN,GLOBIGERINA+PTEROPOD,WELL SORTED,VERY FINE
110	2445	CHAIN BAG+SM.PIPE	18	LIGHT CREAMY BROWN FORAM SAND,FINE-MEDIUM
110	2446	CHAIN BAG+SM.PIPE	18	CRM-TAN SLY.VRG.STICKY CARB.MUD-GLOB.OOZE,CHUNKS LS,SFT+CRM BT,BRN.TOP
110	2447	CHAIN BAG+SM.PIPE	18	TAN-CREAM FAIR SRT.UNIFORM GLOB,TAN IRREGULAR FLAT HOLEY LIMESTONE
110	2448	CHAIN BAG+SM.PIPE	18	LIGHT BROWN FAIR-POORLY SRT.CALC SAND,MOSTLY PT,GLOB,+FORAM,MANY SHLS
110	2449	CHAIN BAG+SM.PIPE	18	OOZE,TAN,CALCAREOUS,SHELLS,FORAMS,PTEROPODS,SPONGE SPICULES,W.SORTED
110	2450	CHAIN BAG+SM.PIPE	18	GRAYISH TAN POORLY SORTED MUDDY UNIFORM GLOBIGERINA OOZE
110	2451	CHAIN BAG+SM.PIPE	18	LIGHT GRAY-BROWN POORLY SORTED MUDDY UNIFORM GLOBIGERINA
110	2452	CHAIN BAG+SM.PIPE	18	SAND,LIGHT GRAY WITH CORAL FRAGS,POORLY SORTED
110	2453	CHAIN BAG+SM.PIPE	18	LIGHT CREAMY,MD-FN.CARBONATE SD,CHUNK LIMY ROCK,SOME CORAL

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CODE #	STATION #		EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2454		VAN VEEN	5	CREAM STICKY UNIFORM CARBONATE MUD,FEW PTEROPODS+FORAMS
110	2455		VAN VEEN	5	LIGHT TANNISH GRAY UNIFORM POORLY SORTED STIFF GLOB.PTEROPOD OOZE
110	2456		12 INCH PIPE DREDGE	10	TAN,POORLY SRT.GLOB,PTEROPOD OOZE,MOSTLY SHLS,FEW PEBS,SPONGE SPICULES
110	2457		12 INCH PIPE DREDGE	10	LIGHT CREAMY BROWN,MEDIUM-FINE PTEROPOD-FORAM OOZE
110	2458		12 INCH PIPE DREDGE	10	TAN-CREAM FAIR SORTED UNIFORM GLOBIGERINA-PTEROPOD OOZE
110	2459		12 INCH PIPE DREDGE	10	TAN-CRM,POOR-FAIR SRT.GLOB,PT.OOZE W/LUMPS INDUR.OOZE OR LS,SM.MN.NODS
110	2460		CHAIN BAG+SM.PIPE	18	TAN GLOBIGERINA,PTEROPOD OOZE,FAIR-WELL SORTED,SHELLS
110	2461		CHAIN BAG+SM.PIPE	18	PRY.SRT.FORAM SD,S/SHLS,MUCH CORAL,S/SEMI-INDUR.LS,RECENT WHALE RIB
110	2462		CHAIN BAG+SM.PIPE	18	GREENISH GRAY UNIFORM STICKY MUD
110	2463		CHAIN BAG+SM.PIPE	18	GLOBIGERINA OOZE,CREAMY+TAN,SOME SHELLS
110	2464		CHAIN BAG+SM.PIPE	18	TAN GLOBIGERINA OOZE,PTEROPOD+S/CORAL FRAGS(BLACK STN,POSSIBLY MN)
110	2465		CHAIN BAG+SM.PIPE	18	LT.GY-BRN.F-PT.MD.SD,LRG CHUNKS CORAL+LS,PHOSPHATE NOD-CHEMICAL PITS
110	2466		CHAIN BAG+SM.PIPE	18	BROWN FAIR SORTED COARSE GLOB.SAND WITH CORAL FRAGS
110	2467		CHAIN BAG+SM.PIPE	18	LT.BRN.PT.GLOB.OOZE,PRY SRT,S/CEMENTED CHUNKS,CORAL+CALC.GS FRAGS
110	2468		CHAIN BAG+SM.PIPE	18	CORAL FRAGS+CREAMY GRAY SEDIMENT
110	2469		CHAIN BAG+SM.PIPE	18	BROWN WELL SORTED UNIFORM GLOBIGERINA-PTEROPOD OOZE
110	2470		CHAIN BAG+SM.PIPE	18	BRN,CRS-MD,CARBONATE SD,PTS+GLOB.ABU,PRY SRT,CORAL+CMPTD RK FRAGS
110	2471		CHAIN BAG+SM.PIPE	18	MUCH CORAL,SOME SMALL PIECES LS,CREAMY WHITE GLOBIGERINA OOZE
110	2472		CHAIN BAG+SM.PIPE	18	MD-CRS.LT.BRN FORAM SAND+SHELL,CORAL,CHUNKS LS W/BLACK(MN) COATING
110	2473		CHAIN BAG+SM.PIPE	18	BRN,CALC.SD,GLOB,PTEROPOD SHLS,FORAMS+CORAL FRAGS,CMTD CALC.RK FRAGS
110	2474	A	CHAIN BAG+SM.PIPE	18	COARSE DARK CORAL FRAGS,LS FRAGS+CHUNKS,FORAM OOZE
110	2474	B	CHAIN BAG+SM.PIPE	18	COARSE DARK CORAL FRAGS,LS FRAGS+CHUNKS,FORAM OOZE
110	2475		CHAIN BAG+SM.PIPE	18	SOME LS FRAGS,MUCH CORAL+FORAMS
110	2476		CHAIN BAG+SM.PIPE	18	TAN-BRN.W.SRT.UNIFORM GLOB.SD,TAN-BRN SS(GLOB),PHOSPHATE NODS-MN STN
110	2477		CHAIN BAG+SM.PIPE	18	CORAL FRAGS
110	2478		CHAIN BAG+SM.PIPE	18	LT.GY.CALC.GLOB.PT.SD.W/SM.NODS+PLATY SLABS MN,CHUNKS CALCARENITE
110	2479		CHAIN BAG+SM.PIPE	18	LIGHT BROWN SAND W/FOSSIL MATERIAL,CHUNKS LS,SOME CORAL CHUNKS+FRAGS
110	2480		CHAIN BAG+SM.PIPE	18	DARK RED BROWN-BLACK IRREGULAR MN NODS,PROBABLY PHOSPHATE W/MN COATING
110	2481		12 INCH PIPE DREDGE	10	LARGE MN(PHOSPHATE) SLAB,FEW CORAL FRAGS
110	2482		12 INCH PIPE DREDGE	10	MN ROCK FRAG SLAB,PHOSPHATIC SLAB
110	2483		CHAIN BAG	11	MANY(200 QUERY) RNDD,WEATHERED PHOS-CONGLOMERATE,S/FOSSILS,S/GRAY CLAY
110	2484		CHAIN BAG DREDGE	11	SPRINKLING OF BROWN SAND
110	2485		CHAIN BAG DREDGE	11	PHOSPHATIC BROWN-BLACK LARGE(100 LBS) ROCKS,NO SEDIMENT
110	2486	A	DREDGE	11	LARGER OF 2 BOULDERS, ABOUT 100X75X50CM,NUMEROUS WORM BURROWS, A)1
110	2486	B	DREDGE	11	SMALLER OF 2 BOULDERS, ABOUT 30X20X20CM,NUMEROUS WORM BURROWS, B)2
110	2487		CHAIN BAG DREDGE	11	NO SAMPLE
110	2488		CHAIN BAG DREDGE	11	GREENISH CLAYEY SILT
110	2489		CHAIN BAG DREDGE	11	GREENISH-GRAY SANDY SILT
110	2490		CHAIN BAG DREDGE	11	NO SAMPLE
110	2491	A	CHAIN BAG DREDGE	11	GREEN MUD
110	2491	B	CHAIN BAG DREDGE	11	BROWN CLAY
110	2492	A	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2492	B	CHAIN BAG DREDGE	11	CLY WITH IRON STAINED CONCRETIONS.
110	2493		CHAIN BAG DREDGE	11	NO SAMPLE
110	2494		EDGERTON CAMERA	60	NO SAMPLE
110	2495		CHAIN BAG DREDGE	11	GREENISH-GRAY FORAM RICH SANDYSILT BRKN CLAM SHELL
110	2496		CHAIN BAG DREDGE	11	GREEN CLAYEY SANDY FORAM RICH SILT.MANY SMALL CLAMS AND SCAPHOPODS
110	2497		CHAIN BAG DREDGE	11	GREEN CLAYEY SANDY FORAM RICH SILT. SAMPLE WASHED AND SHELLS SAVED
110	2498		CHAIN BAG DREDGE	11	NO SAMPLE. DREDGE LOST
110	2499	A	PIPE DREDGE	10	GREEN SANDY MUD
110	2499	B	PIPE DREDGE	10	6 PCS BLK SHALE WITH FOSSILS. 1 QTZITE. GRVL TO 3CM. 3-4PCS BLK ROCKS
110	2500		PIPE DREDGE	10	GREEN SANDY MUD
110	2501	K	DREDGE,1 METER	50	GRAVEL,FEW COBBLES,BOULDER,MAX SIZE 10X 8X6 IN
110	2501	M	SCALLOP DREDGE	52	GRAVEL
110	2501	8	RING NET	42	-
110	2502	K	DREDGE,1 METER	50	SANDY-GRAVEL
110	2502	M	SCALLOP DREDGE	52	COBBLES
110	2502	8	RING NET	42	-
110	2502	P	PIPE DREDGE	10	FINE SAND(BROWN).
110	2503	A	SMITH-MCINTYRE GRAB	4	SAND
110	2503	B	SMITH-MCINTYRE GRAB	4	COARSE SAND
110	2503	C	SMITH-MCINTYRE GRAB	4	MED-COARSE SAND
110	2503	D	SMITH-MCINTYRE GRAB	4	SAND
110	2503	E	SMITH-MCINTYRE GRAB	4	GREEN SILTY SAND
110	2503	F	SMITH-MCINTYRE GRAB	4	GREEN SILTY SAND
110	2503	G	SMITH-MCINTYRE GRAB	4	SAND
110	2503	H	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2503	I	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2503	J	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2503	K	1 METER DREDGE	50	SMALL CONGLOMERITE PEBBLES
110	2503	M	SCALLOP DREDGE	52	-
110	2503	8	RING NET	42	-
110	2503	P	PIPE DREDGE	10	NONE
110	2504	K	1 METER DREDGE	50	NONE
110	2504	M	SCALLOP DREDGE	52	NONE
110	2504	8	RING NET	42	NIL
110	2504	P	PIPE DREDGE	10	GRAY SILT
110	2505	A	SMITH-MCINTYRE GRAB	04	SILTY-SAND
110	2505	B	SMITH-MCINTYRE GRAB	04	SILTY-SAND
110	2505	C	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	D	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	E	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	F	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	G	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	H	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	I	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	J	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2505	K	1 METER DREDGE	50	SILTY-SAND
110	2505	L	ROCKER DREDGE	51	SILTY-SAND
110	2505	M	SCALLOP DREDGE	52	NONE

CODE #	STATION #		EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2505	N	BOTTOM SKIMMER	53	•
110	2505	O	RING NET	42	•
110	2505	P	PIPE DREDGE	10	GREEN SILT
110	2505	R	CAMERA SLED	61	NO SAMPLE
110	2506	K	1 METER DREDGE	50	NONE
110	2506	M	SCALLOP DREDGE	52	NONE
110	2506	O	RING NET	42	•
110	2506	P	PIPE DREDGE	10	GREEN SILTY-CLAY
110	2507	A	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	B	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	C	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	D	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	E	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	F	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	G	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	H	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	I	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	J	SMITH-MACINTYRE GRAB	4	SANDY-SILT
110	2507	K	1 METER DREDGE	50	SANDY-SILT
110	2507	L	ROCKER DREDGE	51	SANDY-SILT
110	2507	M	SCALLOP DREDGE	52	NONE
110	2507	N	BOTTOM SKIMMER	53	•
110	2507	O	RING NET	42	NIL
110	2507	P	PIPE DREDGE	10	GREEN SILT
110	2507	R	CAMERA SLED	61	NO SAMPLE•
110	2508	K	1 METER DREDGE	50	NONE
110	2508	M	SCALLOP DREDGE	52	NONE
110	2508	O	RING NET	42	•
110	2508	P	PIPE DREDGE	10	FINE GREEN SAND
110	2509	A	SMITH-MACINTYRE GRAB	4	SANDY SILT
110	2509	B	SMITH-MACINTYRE GRAB	4	SANDY SILT
110	2509	C	SMITH-MACINTYRE GRAB	4	SANDY SILT
110	2509	D	SMITH-MACINTYRE GRAB	4	SANDY SILT
110	2509	E	SMITH-MACINTYRE GRAB	4	SANDY SILT
110	2509	F	SMITH-MACINTYRE GRAB	4	FINE SAND
110	2509	G	SMITH-MACINTYRE GRAB	4	FINE SAND
110	2509	H	SMITH-MACINTYRE GRAB	4	MEDIUM SAND
110	2509	I	SMITH-MACINTYRE GRAB	4	MEDIUM SAND
110	2509	J	SMITH-MACINTYRE GRAB	4	MED-COARSE SAND
110	2509	K	1 METER DREDGE	50	SANDY SILT• MUCH GLAUCONITE,A FEW PEBBLES(1-2 CM)•
110	2509	L	ROCKER DREDGE	51	NO SAMPLE
110	2509	M	SCALLOP DREDGE	52	NONE
110	2509	N	BOTTOM SKIMMER	53	NIL
110	2509	O	RING NET	42	NIL
110	2509	P	PIPE DREDGE	10	FINE SANDY-SILT(GREEN)
110	2510	M	SCALLOP DREDGE	52	OLIVE-GREEN SILT + 2X5X10 CM RED SILTSTONE•
110	2510	O	RING NET	42	NIL
110	2510	P	PIPE DREDGE	10	SILTY CLAY + FINE SAND
110	2511	A	SMITH-MACINTYRE GRAB	4	GREEN SILTY-CLAY
110	2511	B	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	C	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	D	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	E	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	F	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	G	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	H	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	I	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	J	SMITH-MACINTYRE GRAB	4	GREEN SANDY-SILT
110	2511	L	ROCKER DREDGE	51	VERY STIFF GRAY CLAY• 1 DOZ GRANITIC ROCKS FROM 2IN TO 10IN DIAM•
110	2511	M	SCALLOP DREDGE	52	CINDERS + 4 CM PEBBLE
110	2511	N	BOTTOM SKIMMER	53	NIL
110	2511	O	RING NET	42	NIL
110	2511	P	PIPE DREDGE	10	GREEN SILTY CLAY•
110	2512	K	1-METER DREDGE	50	MOLLUSK SHELLS•
110	2512	M	SCALLOP DREDGE	52	CINDERS,FOSSIL PECTEN SHELLS•
110	2512	O	RING NET	42	NIL
110	2512	P	PIPE DREDGE	10	SILTY SAND (GRY-GREEN)•
110	2513	A	SMITH-MACINTYRE GRAB	4	GREEN SILTY SAND
110	2513	K	1-METER DREDGE	50	1 PLACOPECTEN SHELL•
110	2513	M	SCALLOP DREDGE	52	PLACOPECTEN SHELLS
110	2513	O	RING NET	42	NIL
110	2513	P	PIPE DREDGE	10	GREEN SILT•
110	2514	A	SMITH MACINTYRE GRAB	4	GREEN SANDY SILT
110	2514	K	1-METER DREDGE	50	NONE
110	2514	M	SCALLOP DREDGE	52	NONE
110	2514	O	RING NET	42	NIL
110	2514	P	PIPE DREDGE	10	GREEN SILT•
110	2515	A	SMITH MACINTYRE GRAB	4	GREEN SILTY CLAY
110	2515	K	1-METER DREDGE	50	NONE
110	2515	M	SCALLOP DREDGE	52	NONE
110	2515	O	RING NET	42	NIL
110	2515	P	PIPE DREDGE	10	NIL
110	2516	Q	DIETZ-LAFOND GRAB	7	SILTY-CLAY• SOME FINE SAND•
110	2517	Q	DIETZ-LAFOND GRAB	7	SILTY-CLAY•
110	2518	Q	DIETZ-LAFOND GRAB	7	SILTY-SAND•
110	2519	Q	DIETZ-LAFOND GRAB	7	BROWNISH SAND, LITTLE SILT
110	2520	Q	DIETZ-LAFOND GRAB	7	COARSE BROWN SAND
110	2521	Q	DIETZ-LAFOND GRAB	7	LIGHT-BRWN MED SAND
110	2522	Q	DIETZ-LAFOND GRAB	7	GREEN + LT BRWN MED SAND•
110	2523	Q	DIETZ-LAFOND GRAB	7	FINE LT BRWN SAND•

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2524 Q	DIETZ-LAFOND GRAB	7	BROWN MED SAND
110	2525 Q	DIETZ-LAFOND GRAB	7	LT BRWN + BLACK SAND
110	2526 A	SMITH-MACINTYRE GRAB	4	GREEN MEDIUM SAND
110	2526 K	1-METER DREDGE	50	NONE
110	2526 M	SCALLOP DREDGE	52	NONE
110	2526 0	RING NET	42	FINE GREEN SAND
110	2526 P	PIPE DREDGE	10	MED SAND.
110	2527 A	SMITH-MACINTYRE GRAB	4	SILTY SAND
110	2527 K	1-METER DREDGE	50	NONE
110	2527 M	SCALLOP DREDGE	52	NONE
110	2527 0	RING NET	42	NIL
110	2527 P	PIPE DREDGE	10	FINE GREEN SAND.
110	2528 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2528 K	1-METER DREDGE	50	NONE
110	2528 M	SCALLOP DREDGE	52	NONE
110	2528 0	RING NET	42	NIL
110	2528 P	PIPE DREDGE	10	SILTY SAND W/ SHELL.
110	2529 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2529 K	1-METER DREDGE	50	NIL
110	2529 M	SCALLOP DREDGE	52	NIL
110	2529 0	RING NET	42	NIL
110	2529 P	PIPE DREDGE	10	TRACE OF SILTY SAND (GRN-GRY).
110	2530 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2530 K	1-METER DREDGE	50	NIL
110	2530 M	SCALLOP DREDGE	52	NIL
110	2530 0	RING NET	42	NIL
110	2530 P	PIPE DREDGE	10	EMPTY-NO SAMPLE
110	2531 A	SMITH-MCINTYRE GRAB	4	FINE GREEN SAND
110	2531 K	1-METER DREDGE	50	NIL
110	2531 M	SCALLOP DREDGE	52	NIL
110	2531 0	RING NET	42	NIL
110	2531 P	PIPE DREDGE	10	NO SAMPLE
110	2532 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2532 K	1-METER DREDGE	50	GRAVELLY SAND AND ROCK FRAGMENT.(MIXTURE).
110	2532 M	SCALLOP DREDGE	52	ROCKS, CONGLOMERATES, CONCRETIONS.
110	2532 0	RING NET	42	NIL
110	2532 P	PIPE DREDGE	10	GREEN SILT.
110	2533 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2533 K	1-METER DREDGE	50	SILTY SAND
110	2533 M	SCALLOP DREDGE	52	NIL
110	2533 0	RING NET	42	-
110	2533 P	PIPE DREDGE	10	NO SAMPLE
110	2534 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2534 K	1-METER DREDGE	50	NIL
110	2534 M	SCALLOP DREDGE	52	NIL
110	2534 0	RING NET	42	NIL
110	2534 P	PIPE DREDGE	10	FINE GREEN SAND.
110	2534 R	CAMERA DREDGE	61	NO SAMPLE
110	2535 A	SMITH-MCINTYRE GRAB	4	FINE MEDIUM SAND
110	2535 K	1-METER DREDGE	50	NIL
110	2535 M	SCALLOP DREDGE	52	NIL
110	2535 0	RING NET	42	NIL
110	2535 P	PIPE DREDGE	10	FINE MEDIUM SAND(GRN)
110	2535 R	CAMERA SLED	61	NO SAMPLE.
110	2536 A	SMITH-MCINTYRE GRAB	4	PEBBLY SAND.
110	2536 K	1-METER DREDGE	50	NIL.
110	2536 M	SCALLOP DREDGE	52	NIL
110	2536 0	RING NET	42	-
110	2536 P	PIPE DREDGE	10	MEDIUM SAND(GRY-BLCK)
110	2537 A	SMITH-MCINTYRE GRAB	4	MED-COARSE SAND
110	2537 K	1-METER DREDGE	50	NIL.
110	2537 M	SCALLOP DREDGE	52	NIL.
110	2537 0	RING NET	42	-
110	2537 P	PIPE DREDGE	10	MED COARSE SAND.(GRAY).
110	2538 A	SMITH-MCINTYRE GRAB	4	FINE GRAY-BROWN SAND.
110	2538 K	1-METER DREDGE	50	GREENISH SAND W/ A LITTLE SILT
110	2538 M	SCALLOP DREDGE	52	NIL.
110	2538 0	RING NET	42	NIL
110	2538 P	PIPE DREDGE	10	GREENISH SAND
110	2539 A	SMITH-MCINTYRE GRAB	4	SILTY SAND + SHELLS
110	2539 K	1-METER DREDGE	50	NIL.
110	2539 M	SCALLOP DREDGE	52	1 PIECE OF COAL.
110	2539 0	RING NET	42	NIL
110	2539 P	PIPE DREDGE	10	SILTY SAND(GREEN)
110	2540 A	SMITH-MCINTYRE GRAB	4	SILTY SAND
110	2540 K	1-METER DREDGE	50	CLAY, GRAVEL
110	2540 M	SCALLOP DREDGE	52	4 BUSH OF BOULDERS.MAX SIZE- 2.5FT X 3FT.
110	2540 0	RING NET	42	NIL
110	2540 P	PIPE DREDGE	10	GREEN SAND
110	2541 A	SMITH-MCINTYRE GRAB	4	MED SAND
110	2541 K	1-METER DREDGE	50	MED SAND
110	2541 M	SCALLOP DREDGE	52	NIL
110	2541 0	RING NET	42	NIL
110	2541 P	PIPE DREDGE	10	MED SAND(BRWN)
110	2542 A	SMITH-MCINTYRE GRAB	4	FINE-MED SAND
110	2542 K	1-METER DREDGE	50	GRY-BRWN SAND
110	2542 M	SCALLOP DREDGE	52	NIL
110	2542 0	RING NET	42	NIL
110	2542 P	PIPE DREDGE	10	GRY-BRWN SAND
110	2542 R	CAMERA SLED	61	NO SAMPLE

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2543 A	SMITH-MCINTYRE GRAB	4	GRAY SAND
110	2543 B	SMITH-MCINTYRE GRAB	4	GRAY SAND
110	2543 C	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 D	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 E	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 F	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 G	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 H	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 I	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 J	SMITH-MCINTYRE GRAB	4	FINE GRAY SAND
110	2543 K	1-METER DREDGE	50	NIL
110	2543 L	ROCKER DREDGE	51	NIL
110	2543 M	SCALLOP DREDGE	52	NIL
110	2543 N	BOTTOM SKIMMER	53	NIL
110	2543 O	RING NET	42	NIL
110	2543 P	PIPE DREDGE	10	FINE,GRN-GRY, SAND.
110	2543 R	CAMERA SLED	61	NO SAMPLE
110	2544 A	SMITH-MCINTYRE GRAB	4	MED SAND
110	2544 K	1-METER DREDGE	50	NIL
110	2544 M	SCALLOP DREDGE	52	NIL
110	2544 O	RING NET	42	NIL
110	2544 P	PIPE DREDGE	10	MED SAND (BRWN).
110	2544 R	CAMERA SLED	61	NO SAMPLE
110	2545 A	SMITH-MCINTYRE GRAB	4	LT-BRWN COARSE SAND + SHELL
110	2545 K	1-METER DREDGE	50	NIL
110	2545 M	SCALLOP DREDGE	52	NIL
110	2545 O	RING NET	42	NIL
110	2545 P	PIPE DREDGE	10	SAND(BRWN)
110	2545 R	CAMERA SLED	61	NO SAMPLE
110	2546 A	SMITH-MCINTYRE GRAB	4	SANDY GRAVEL
110	2546 K	1-METER DREDGE	50	GRAVEL
110	2546 M	SCALLOP DREDGE	52	COBBLES,BOULDERS
110	2546 O	RING NET	42	NIL
110	2546 P	PIPE DREDGE	10	BRWN-BLCK SAND
110	2547 A	SMITH-MCINTYRE GRAB	4	MEDIUM SAND
110	2547 K	1-METER DREDGE	50	COARSE SAND + FINE SHELL
110	2547 M	SCALLOP DREDGE	52	NIL
110	2547 O	RING NET	42	NIL
110	2547 P	PIPE DREDGE	10	BRW-BLK GRAVELLY SAND
110	2548 A	SMITH-MCINTYRE GRAB	4	SANDY GRAVEL-MOSTLY SMALL PEBBLES.
110	2548 K	1-METER DREDGE	50	PEBBLES 1/2 TO 5 INCH DIAMETER.
110	2548 M	SCALLOP DREDGE	52	SMALL COBBLES. 2IN TO 10IN DIAM.
110	2548 O	RING NET	42	NIL
110	2548 P	PIPE DREDGE	10	SANDY GRAVEL.(MOSTLY PEBBLES).
110	2549 A	SMITH-MCINTYRE GRAB	4	SANDY GRAVEL(BRWN-BLK) MAX SIZE 2IN
110	2549 K	1-METER DREDGE	50	PEBBLES-1CM TO 10 CM.
110	2549 M	SCALLOP DREDGE	52	COBBLES(3-12 IN). BOULDER-2X1.5X1.5 FT.
110	2549 O	RING NET	42	NIL
110	2549 P	PIPE DREDGE	10	BRWN-BLK MED SAND
110	2550 A	SMITH-MCINTYRE GRAB	4	MEDIUM SAND
110	2550 K	1-METER DREDGE	50	SMALL GRAVEL
110	2550 M	SCALLOP DREDGE	52	METAMORPHIC + A FEW SEDIMENTARY ROCKS. MAX SIZE 1FT CUBE.
110	2550 O	RING NET	42	NIL
110	2550 P	PIPE DREDGE	10	NO SAMPLE.
110	2551 A	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 B	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 C	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 D	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 E	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 F	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 G	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 H	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 I	SMITH-MCINTYRE GRAB	4	TILL.+ 1 COBBLE 10IN X 8IN DIAM
110	2551 J	SMITH-MCINTYRE GRAB	4	TILL.
110	2551 K	1-METER DREDGE	50	GRAVEL.
110	2551 M	SCALLOP DREDGE	52	BOULDERS. MAX SIZE 1.5FT CUBE.
110	2551 N	BOTTOM SKIMMER	53	NIL
110	2551 O	RING NET	42	NIL
110	2551 P	PIPE DREDGE	10	NIL
110	2551 R	CAMERA SLED	61	NO SAMPLE
110	2552 A	SMITH-MCINTYRE GRAB	4	FINE SAND
110	2552 K	1-METER DREDGE	50	NIL
110	2552 M	SCALLOP DREDGE	52	NIL
110	2552 O	RING NET	42	NO SAMPLE
110	2552 P	PIPE DREDGE	10	FINE SAND (GRN-GRY)
110	2553 A	SMITH-MCINTYRE GRAB	4	TILL.BOTTOM SURFACE DETRITAL LAYER 3CM,BRWN FLOCCULENT MATTER ON TILL
110	2553 K	1-METER DREDGE	50	COBBLES 1-10IN. BOULDER-20X14X6 INCHES.
110	2553 M	SCALLOP DREDGE	52	20 COBBLES 2-5IN DIAM.
110	2553 O	RING NET	42	NIL
110	2553 P	PIPE DREDGE	10	NO SAMPLE
110	2554 A	SMITH-MCINTYRE GRAB	4	SAND,GRAVEL. 1 COBBLE 5IN DIAM
110	2554 K	1-METER DREDGE	50	SAND + SMALL BOULDERS 3-4IN DIAM.
110	2554 M	SCALLOP DREDGE	52	MANY BOULDERS.MAX SIZE-2FT.
110	2554 O	RING NET	42	NIL
110	2554 P	PIPE DREDGE	10	BLK-BRWN GRAVEL.MAX SIZE 1INCH
110	2555 A	SMITH-MCINTYRE GRAB	4	TILL
110	2555 K	1-METER DREDGE	50	SANDY GRAVEL.MAX SIZE 1INCH.
110	2555 M	SCALLOP DREDGE	52	MANY BOULDERS,MAX SIZE 2.5FT CUBE.PENNA ROCK,FOSSIL CALAMITES.
110	2555 O	RING NET	42	NIL
110	2555 P	PIPE DREDGE	10	SANDY GRAVEL

CODE #	STATION #		EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2556	A	SMITH-MCINTYRE GRAB	4	TILL
110	2556	K	1-METER DREDGE	50	SILTY CLAY(OLIVE). GRAVELS UP TO 5X3X3IN.
110	2556	M	SCALLOP DREDGE	52	NIL
110	2556	O	RING NET	42	NIL
110	2556	P	PIPE DREDGE	10	BLACK GRAVELLY SAND
110	2557	A	SMITH-MCINTYRE GRAB	4	TILL
110	2557	K	1-METER DREDGE	50	SAND+ 12IN COBBLE.
110	2557	M	SCALLOP DREDGE	52	COBBLES TO 2IN. BOULDERS TO 2FT.
110	2557	O	RING NET	42	NIL
110	2557	P	PIPE DREDGE	10	FINE SAND + GRAVEL MAX SIZE 1/ 2 TO 1 INCH.(BLACK)
110	2558	A	SMITH-MCINTYRE GRAB	4	GRAVELLY MUD
110	2558	K	1-METER DREDGE	50	GRAVEL.(PEBBLES,SMALL STONES)
110	2558	M	SCALLOP DREDGE	52	NIL
110	2558	O	RING NET	42	GRN-BLK CLAY.
110	2558	P	PIPE DREDGE	10	SILTY-CLAY W/ SAND.
110	2559	A	SMITH-MCINTYRE GRAB	4	GRAVELLY SAND
110	2559	K	1-METER DREDGE	50	GRAVEL,ROCKS
110	2559	M	SCALLOP DREDGE	52	1 COBBLE.(18X12X14 IN).
110	2559	O	RING NET	42	NIL
110	2559	P	PIPE DREDGE	10	MEDIUM SAND. 2ND TOW- MUCH SAND + SILT,CLAY,AND GRAVEL.
110	2560	A	SMITH-MCINTYRE GRAB	4	SILTY-CLAY (OLIVE).
110	2560	K	1-METER DREDGE	50	NIL
110	2560	M	SCALLOP DREDGE	52	SILTY-CLAY(TRACE).
110	2560	P	PIPE DREDGE	10	BLCK SILTY-CLAY
110	2561	A	SMITH-MCINTYRE GRAB	4	SILTY GRAVEL
110	2561	K	1-METER DREDGE	50	GRAVEL
110	2561	M	SCALLOP DREDGE	52	COBBLES.MAX SIZE 8IN CUBE.
110	2561	O	RING NET	42	CLAY
110	2561	P	PIPE DREDGE	10	BLACK SILTY-CLAY
110	2562	A	SMITH-MCINTYRE GRAB	4	CLAY
110	2562	B	SMITH-MCINTYRE GRAB	4	CLAY+TRACE OF SILT
110	2562	C	SMITH-MCINTYRE GRAB	4	CLAY+TRACE OF SILT
110	2562	D	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	E	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	F	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	G	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	H	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	I	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	J	SMITH-MCINTYRE GRAB	4	CLAY + TRACE OF SILT.
110	2562	K	1-METER DREDGE	50	SILTY CLAY
110	2562	M	SCALLOP DREDGE	52	NIL
110	2562	O	RING NET	42	-
110	2562	P	PIPE DREDGE	10	TRACE OF CLAY
110	2562	R	CAMERA SLED	61	NO SAMPLE
110	2563	A	SMITH-MCINTYRE GRAB	4	TILL
110	2563	K	1-METER DREDGE	50	SILTY CLAY + GRAVEL,COBBLES UP TO 8INCHES
110	2563	M	SCALLOP DREDGE	52	SILTY CLAY + BOULDERS UP TO 30INCHES
110	2563	O	RING NET	42	MUCH FINE GRAVEL 1/16 TO 1/4 INCHES
110	2563	P	PIPE DREDGE	10	MUD
110	2564	A	SMITH MCINTYRE GRAB	4	GRAVELLY SAND.
110	2564	K	1-METER DREDGE	50	GRAVEL MAX SIZE 6INCH CUBE.
110	2564	M	SCALLOP DREDGE	52	5BU OF BOULDERS-MAX SIZE 1FT CUBE. FOSSILIFEROUS LIMESTONE
110	2564	O	RING NET	42	-
110	2564	P	PIPE DREDGE	10	-
110	2565	A	SMITH-MCINTYRE GRAB	4	SILTY-CLAY
110	2565	K	1-METER DREDGE	50	NIL
110	2565	M	SCALLOP DREDGE	52	TRACE OF PEBBLES (1)
110	2565	O	RING NET	42	-
110	2566	A	SMITH-MCINTYRE GRAB	4	SILTY CLAY
110	2566	K	1-METER DREDGE	50	SILTY CLAY
110	2566	M	SCALLOP DREDGE	52	NIL
110	2566	O	RING NET	42	-
110	2567	A	SMITH-MACINTYRE GRAB	4	SANDY GRAVEL
110	2567	K	1-METER DREDGE	50	NIL
110	2567	M	SCALLOP DREDGE	52	1 COBBLE,3IN CUBE
110	2567	O	RING NET	42	-
110	2568	A	SMITH-MCINTYRE GRAB	4	SILTY CLAY
110	2568	K	1-METER DREDGE	50	GRAVEL,MAX SIZE 8IN CUBE
110	2568	M	SCALLOP DREDGE	52	BOULDERS (GRANITE,GNEISS) MAX SIZE IN CM 82X74X57.
110	2568	O	RING NET	42	-
110	2569	A	SMITH-MCINTYRE GRAB	4	SAND + SEVERAL PEBBLES 1-3IN.
110	2569	K	1-METER1DREDGE	50	NIL
110	2569	M	SCALLOP DREDGE	52	GRANITIC BOULDERS UP TO 32IN.
110	2569	O	RING NET	42	-
110	2570	A	SMITH-MCINTYRE GRAB	4	SILTY-SAND
110	2570	K	1-METER DREDGE	50	A FEW COBBLES
110	2570	M	SCALLOP DREDGE	52	2 PEBBLES(2IN)
110	2570	O	RING NET	42	-
110	2571		PIPE DREDGE	10	GREEN SANDY MUD
110	2572	A	PIPE DREDGE	10	95% GREENISH-GRAY FORAM RICH SILTY CLAY.
110	2572	B	PIPE DREDGE	10	5% BROWNISH STIFF CLAY W/ FISHSCALE. 1PT WSHED RSIDUE /W SHLS + FOSSIL
110	2573		CHAIN BAG DREDGE	10	GREENISH CLAY (NO SILT).
110	2574		EDGERTON CAMERA	60	NO SAMPLE.
110	2575		CHAIN BAG DREDGE	11	GREEN SANDY MUD. NO ROCKS.
110	2576		CHAIN BAG DREDGE	11	GREEN SANDY MUD ON FRAME. NO ROCKS.
110	2577	A	CHAIN BAG DREDGE	11	5% LT GRAY STIFF SLIGTLY SILTY MUD
110	2577	B	CHAIN BAG DREDGE	11	85% PALE GREEN TO RUST BRWN MED TO CRSE GLAUCONITE SANDSTONE.
110	2577	C	CHAIN BAG DREDGE	11	10% FINELY CHRYST DOLOMITE + SILICOUS SILTSTONE FRAGMENTS.
110	2578		EDGERTON CAMERA	60	NO SAMPLE.
110	2579		CHAIN BAG DREDGE	11	GREEN SANDY MUD. NO ROCKS

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2580 A	CHAIN BAG DREDGE	11	SURFACE=GRAYISH GREEN SOFT CLAYEY SILT.
110	2580 B	CHAIN BAG DREDGE	11	UPPER BELOW= MED TO LT GRAY STIFF CLAY
110	2580 C	CHAIN BAG DREDGE	11	LOWER=GRAY SILTY CLAY
110	2580 D	CHAIN BAG DREDGE	11	LOWER=GREEN SANDSTONE ROCK FRGMTS AND CLAYSTONE CHIPS
110	2581	CHAIN BAG DREDGE	11	GREENISH=GRAY SILT
110	2582 A	CHAIN BAG DREDGE	11	GREENISH FORAM RICH SILT
110	2582 B	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2583 A	CHAIN BAG DREDGE	11	GREEN GLAUC SANDY MUD
110	2583 B	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2583 C	CHAIN BAG DREDGE	11	1 COBBLE. 1 IRREG PC OF SANDSTONE
110	2584	CHAIN BAG DREDGE	11	GREEN GLAUC SANDY MUD MIXED WITH GRAY STIFF CLAY
110	2585 A	CHAIN BAG DREDGE	11	GREEN SANDY (GLAUC=QUERY) MUD.
110	2585 B	CHAIN BAG DREDGE	11	STIFF GRAY CLAY W/ BRWN STRKS OR LAYERS.
110	2586 A	CHAIN BAG DREDGE	11	GRN SNDY (GLAUC=QUERY) MUD.
110	2586 B	CHAIN BAG DREDGE	11	VERY STIFF GRAY CLAY.
110	2586 C	CHAIN BAG DREDGE	11	3CM HALF=ROUND PEBBLE OF GN IGNEOUS ROCK.
110	2587 A	CHAIN BAG DREDGE	11	GREENISH=GRAY, SL SILTY, PUTTY=LIKE CLAY.
110	2587 B	CHAIN BAG DREDGE	11	BRWNISH=GRAY, SL SILTY, PUTTY=LIKE CLAY.
110	2588	EDGERTON CAMERA	60	NO SAMPLE=CAMERA LOWERING
110	2589 A	CHAIN BAG DREDGE	11	GREEN MUD.
110	2589 B	CHAIN BAG DREDGE	11	STIFF GRAY TO SL RED CLAY W/ BLK ORGANIC STREAKS.
110	2590 A	CHAIN BAG DREDGE	11	GREEN MUD.
110	2590 B	CHAIN BAG DREDGE	11	30CM HARD CLAY=STONE. ONE SIDEFORMLY IN CONTCT W/ WATER BORINGS.
110	2591	CHAIN BAG DREDGE	11	GREENISH, FORAM RICH, GLAUC SILTY SAND OR SANDY SILT.
110	2592	CHAIN BAG DREDGE	11	GRAYISH=GREEN, FORAM RICH, SNDY SILT. MED TO FINE SAND,UNCONSOLID.
110	2593 A	CHAIN BAG DREDGE	11	STIFF GRAY CLAY W/ FOSSILS. LAMINATED SOURCE.
110	2593 B	CHAIN BAG DREDGE	11	SILTSTONE AND SHALE CONCRETIONS.
110	2593 C	CHAIN BAG DREDGE	11	HARD GREENISH SHALE.
110	2594	CHAIN BAG DREDGE	11	STIFF GRAY CLAY W/ BRWN WEATHERED SURFACE.
110	2595	CHAIN BAG DREDGE	11	2 INCH LUMP OF GRAY CLAY
110	2596 A	CHAIN BAG DREDGE	11	STIFF GRAYISH=GREEN CLAY.
110	2596 B	CHAIN BAG DREDGE	11	15CM COBBLE OF HARD ROCK + 6CM PIECE OF GLAUC SANDSTONE
110	2597	EDGERTON CAMERA	60	NO SAMPLE = CAMERA LOWERING.
110	2598	CHAIN BAG DREDGE	11	GREEN SANDY MUD.
110	2599	CHAIN BAG DREDGE	11	NO SAMPLE.
110	2600	CHAIN BAG DREDGE	11	NO SAMPLE.
110	2601	CHAIN BAG DREDGE	11	NO SAMPLE.
110	2602 A	CHAIN BAG DREDGE	11	20% GREEN,H2S SMELLING,MUDDY SILT,FORAM RICH
110	2602 B	CHAIN BAG DREDGE	11	80% GRAY CLAY,MED HARD SOME INDRTN + DRK PC GR SHALE CONCR,POS IRONST
110	2603	CHAIN BAG DREDGE	11	NO SAMPLE.
110	2604 A	CHAIN BAG DREDGE	11	5% SOFT GREEN CLAY.
110	2604 B	CHAIN BAG DREDGE	11	95% VERY HARD GRAY CLAY (CLAYSTONE).
110	2604 C	CHAIN BAG DREDGE	11	BRWN CLAY,PROBLY SURFACE OF GY CLY W/ BORINGS + ENCRUSTATIONS OF 3CM
110	2604 D	CHAIN BAG DREDGE	11	GRAY CLAY W/ BRIGHT GREEN VEINS.
110	2605	CHAIN BAG DREDGE	11	GRAYISH=GREEN MUD.
110	2606	CHAIN BAG DREDGE	11	GRAY CLAY. SMALL AMTS OF GREEN MUD IN CLAY DEPRESSIONS.
110	2607	CHAIN BAG DREDGE	11	10CM LUMPS OF GRAY CLAY.
110	2608 A	CHAIN BAG DREDGE	11	SOFT,GREEN CLAY.
110	2608 B	CHAIN BAG DREDGE	11	HARD,GREEN CLAY.
110	2608 C	CHAIN BAG DREDGE	11	GRAY CLAY.
110	2608 D	CHAIN BAG DREDGE	11	YELLOW CLAY
110	2608 E	CHAIN BAG DREDGE	11	GREEN AND BROWN CLAY
110	2608 F	CHAIN BAG DREDGE	11	BROWN SILTSTONE
110	2608 G	CHAIN BAG DREDGE	11	GREEN MUDSTONE
110	2608 H	CHAIN BAG DREDGE	11	WHITE LIMESTONE
110	2609	CHAIN BAG DREDGE	11	SMOOTH,PLASTIC CLAY HIGHLY BORED
110	2610 A	CHAIN BAG DREDGE	11	GREENISH=GRAY CLAY
110	2610 B	CHAIN BAG DREDGE	11	LIGHT YELLOW BROWN CLAY
110	2610 C	CHAIN BAG DREDGE	11	DK. GREEN FORAM. CLAY
110	2610 D	CHAIN BAG DREDGE	11	SMALL ROCK FRAGMENTS
110	2611	CHAIN BAG DREDGE	11	2 LUMPS STIFF GRAY CLAY
110	2612 A	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2612 B	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2613	EDGERTON CAMERA	60	NO SAMPLE =CAMERA LOWERING
110	2614 A	CHAIN BAG DREDGE	11	SOFT GREEN CLAY
110	2614 B	CHAIN BAG DREDGE	11	STIFF GY CLAY
110	2615	CHAIN BAG DREDGE	11	NO SAMPLE
110	2616	CHAIN BAG DREDGE	11	NO SAMPLE
110	2617	CHAIN BAG DREDGE	11	NO SAMPLE
110	2618	CHAIN BAG DREDGE	11	NO SAMPLE=SMEAR OF GREEN MUD
110	2619	CHAIN BAG DREDGE	11	LAYERED AND MOT BRN=BLACK SILT(STONE) W/ LITTLE GREEN MUD
110	2620 A	CHAIN BAG DREDGE	11	DK GY PLASTIC CLAY
110	2620 B	CHAIN BAG DREDGE	11	DK GN CLAY,SANDY SILT
110	2620 C	CHAIN BAG DREDGE	11	1 ROCK(METAMORPHIC,ANGULAR),ROUNDED PEBBLES
110	2620 D	CHAIN BAG DREDGE	11	SHELLS PICKED FOR AGE ANALYSIS
110	2621 A	CHAIN BAG DREDGE	11	GREEN SILT
110	2621 B	CHAIN BAG DREDGE	11	TILL W/ ANGULAR QUARTZ AND BASALT PEBBLES
110	2621 C	CHAIN BAG DREDGE	11	WHITE LS. W/ 2 PIECES WEATHERED GRN MATERIAL,SOFT WHITE CLAY
110	2622	CHAIN BAG DREDGE	11	MOTTLED GY=GN CLAY
110	2623	CHAIN BAG DREDGE	11	GREEN MUD
110	2624	CHAIN BAG DREDGE	11	MOTTLED GY AND GN CLAY
110	2625 A	CHAIN BAG DREDGE	11	V. HARD LT. BUFF MICROCRYSTALLINE LS.
110	2625 B	CHAIN BAG DREDGE	11	SOFT PLASTIC LT BUFF MICROCRYSTALLINE LS.
110	2625 C	CHAIN BAG DREDGE	11	DK BROWNISH=GN MOD(Y) HARD CLAYEY SILT
110	2625 D	CHAIN BAG DREDGE	11	SOFT MD GREEN=GY F MUD
110	2625 E	CHAIN BAG DREDGE	11	1 SM CHIP V HARD LS
110	2626 A	CHAIN BAG DREDGE	11	SOFT BROWN SILTY MUD
110	2626 B	CHAIN BAG DREDGE	11	GN=GY PLASTIC MUD=1 QTZ PEBBLE
110	2627 A	CHAIN BAG DREDGE	11	GN MUD
110	2627 B	CHAIN BAG DREDGE	11	MOTTLED BLUE CLAY

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110	2628	EDGERTON CAMERA	60	NO SAMPLE- CAMERA LOWERING
110	2629	CHAIN BAG DREDGE	11	GREEN MUD
110	2630	CHAIN BAG DREDGE	11	SOFT GRAY-GN F MUD
110	2631	CHAIN BAG DREDGE	11	DK GREENISH-BRN V SILTY CLAY
110	2632 A	CHAIN BAG DREDGE	11	RED CLAY W/ SANDY STREAKS
110	2632 B	CHAIN BAG DREDGE	11	BROWNISH-GN SANDY CLAY
110	2632 C	CHAIN BAG DREDGE	11	GRAY CLAY
110	2633	CHAIN BAG DREDGE	11	GN SANDY CLAYEY SILT
110	2634	EDGERTON CAMERA	60	NO SAMPLE-CAMERA LOWERING
110	2635	CHAIN BAG DREDGE	11	NONE
110	2636 A	CHAIN BAG DREDGE	11	OLIVE SANDY SILT W/ HARDER CLAYEY LUMPS
110	2636 B	CHAIN BAG DREDGE	11	CLAYEY LUMPS
110	2637 A	CHAIN BAG DREDGE	11	RED SS AND CLAY
110	2637 B	CHAIN BAG DREDGE	11	MD BROWNISH CLAY,SOME REDDISH IRON CEMENTED,SOME GREENISH
110	2637 C	CHAIN BAG DREDGE	11	BLACK TO GREENISH SILTY SAND
110	2637 D	CHAIN BAG DREDGE	11	1 ERRATIC COBBLE
110	2638 A	CHAIN BAG DREDGE	11	CLAY IRONSTONE,GRAY TO RED CLAY
110	2638 B	CHAIN BAG DREDGE	11	GRAY-BLACK TO REDDISH CLAY W/ PEBBLES AND SAND
110	2638 C	CHAIN BAG DREDGE	11	GREEN SS, SILTY,GLAUC
110	2638 D	CHAIN BAG DREDGE	11	GLACIAL COBBLES
110	2639	CHAIN BAG DREDGE	11	GLACIAL COBBLES
110	2640 A	CHAIN BAG DREDGE	11	DK GRAYISH-GN SILTY CLAY
110	2640 B	CHAIN BAG DREDGE	11	MD SL(Y) YELLOWISH-BRN V SILTY AND SLIGHTLY SANDY CLAY
110	2641	CHAIN BAG DREDGE	11	DK GRN,SOFT,SILTY FINE SAND
110	2642 A	CHAIN BAG DREDGE	11	GRN SANDY-CLAYEY SILT
110	2642 B	CHAIN BAG DREDGE	11	IRON-STAINED SILTY DOLOMITE OR SILTSTONE
110	2643	CHAIN BAG DREDGE	11	GREEN-GY CLAYEY SILT
110	2644	CHAIN BAG DREDGE	11	GREEN-GY CLAYEY SILT
110	2645 A	CHAIN BAG DREDGE	11	GRAY SILTY CLAY
110	2645 B	CHAIN BAG DREDGE	11	PEBBLY TILL-LIKE MATERIAL
110	2645 C	CHAIN BAG DREDGE	11	3 PEBBLES,VARIOUS LITHOLOGIES
110	2646 A	CHAIN BAG DREDGE	11	GN-GY PARTLY CONSOLIDATED SS,SILTSTONE,OUTER PART V GLAUC.
110	2646 B	CHAIN BAG DREDGE	11	PURPLISH-BRN-BLK PARTLY CONSOLIDATED CLAY
110	2646 C	CHAIN BAG DREDGE	11	V HARD,DENSE LS. GY WHERE FRESH
110	2646 D	CHAIN BAG DREDGE	11	DENSE GY-BRN ARGILLITE
110	2647	EDGERTON CAMERA	60	NO SAMPLE-CAMERA LOWERING
110	2648	CHAIN BAG DREDGE	11	GREEN-GY SILT,SOME SAND GRAINS
110	2649	CHAIN BAG DREDGE	11	GRAY-GN SILT
110	2650	CHAIN BAG DREDGE	11	SOFT GREENISH-GY MUD W/ SOME BROWNISH SANDY ZONES
110	2651 A	CHAIN BAG DREDGE	11	GN SILT,CLAYEY TO SANDY
110	2651 B	CHAIN BAG DREDGE	11	SOFT GN SILT MIXED W/ SILT-SAND(RECENT)
110	2651 C	CHAIN BAG DREDGE	11	CORAL W/ OPENING FILLED W/ LT GN CLAYEY MTRL
110	2652 A	CHAIN BAG DREDGE	11	CHOCOLATE-PURPLISH TO GRAYISH SILTY CLAY
110	2652 B	CHAIN BAG DREDGE	11	MD TO COARSE DK BRN,DK GREENISH,V GLAUC SS
110	2652 C	CHAIN BAG DREDGE	11	BUFF CALC OOZE,COMPACT,FRIABLE
110	2652 D	CHAIN BAG DREDGE	11	FOSSIL HORN CORALS,BRANCHING CORALS
110	2652 E	CHAIN BAG DREDGE	11	GY SILTY CLAY,SOFT TO PLASTIC W/ MIC,SANDY LENSES
110	2652 F	CHAIN BAG DREDGE	11	GN,MICACEOUS SILTSTONE,FIRM
110	2652 G	CHAIN BAG DREDGE	11	HARD,ERRATIC BOULDERS(PROB GLACIAL)
110	2652 H	CHAIN BAG DREDGE	11	SOFT GN SILT GLAUC,PARTLY MICACEOUS
110	2652 I	CHAIN BAG DREDGE	11	LT GN,MED-COARSE CALC SS,GLAUC
110	2652 J	CHAIN BAG DREDGE	11	DENSE GRAY MARLY TO DOLIC SILTSTONE BOULDERS
110	2652 K	CHAIN BAG DREDGE	11	MISC SMALLER LUMPS OF ALL TYPES
110	2652 L	CHAIN BAG DREDGE	11	FLAT STRING-BEAN SHAPED BROWNISH LIMONITE-STAINED PIECES
110	2653 A	CHAIN BAG DREDGE	11	SOFT GREENISH RECENT MUD
110	2653 B	CHAIN BAG DREDGE	11	GREENISH MUD LIKE A BUT HARDER
110	2653 C	CHAIN BAG DREDGE	11	SAND IN A BUT SEPERATELY SAMPLED. RECENT.
110	2654 A	CHAIN BAG DREDGE	11	RECENT SOFT GN SILT
110	2654 B	CHAIN BAG DREDGE	11	MD DARK-GN GLAUC SILT
110	2655 A	CHAIN BAG DREDGE	11	MD DARK-GN GLAUC SILT, HARD
110	2655 B	CHAIN BAG DREDGE	11	MD DARK-GN GLAUC SILT, SOFT,PLASTIC
110	2655 C	CHAIN BAG DREDGE	11	BUFF COLOR CLAY OR SILT FOUND IN B
110	2655 D	CHAIN BAG DREDGE	11	2 SMALL COBBLES
110	2656 A	CHAIN BAG DREDGE	11	GREEN,SOFT GLAUC,GOOPY SILT
110	2656 B	CHAIN BAG DREDGE	11	CHOCOLATE,COMPACTED CLAY W/ SAND
110	2656 C	CHAIN BAG DREDGE	11	HARD,DENSE BRN-GRAY MARL
110	2656 D	CHAIN BAG DREDGE	11	BRN,GRAINY,SILTY CLAY
110	2656 E	CHAIN BAG DREDGE	11	BRANCHING CORAL
110	2656 F	CHAIN BAG DREDGE	11	LT GY WEATHERED SILTY CLAY
110	2657	EDGERTON CAMERA	60	NO SAMPLE-CAMERA LOWERING
110	2658 A	CHAIN BAG DREDGE	11	RECENT GN GLAUC CLAYEY AND SANDY SILT
110	2658 B	CHAIN BAG DREDGE	11	SIMILAR TO A BUT FRESH-BROKEN PIECES,HARD AND NO SAND
110	2659 A	CHAIN BAG DREDGE	11	BLUE-GY FIRM TO STICKY CLAY
110	2659 B	CHAIN BAG DREDGE	11	GN GLAUC,MICACEOUS SILT
110	2659 C	CHAIN BAG DREDGE	11	FIRM BRN,MICACEOUS CLAY
110	2659 D	CHAIN BAG DREDGE	11	MISC COBBLES AND BOULDERS
110	2660 A	CHAIN BAG DREDGE	11	FINE CLAYEY GREENISH-GY SAND
110	2660 B	CHAIN BAG DREDGE	11	GN GLAUC SILT,FIRM TO COMPACT
110	2660 C	CHAIN BAG DREDGE	11	HARD GREENISH COATED CHIP,SILTSTONE
110	2660 D	CHAIN BAG DREDGE	11	MISC CLAY-SHALE
110	2661 A	CHAIN BAG DREDGE	11	GY PLASTIC CLAY,STICKY,SILTY IN PART
110	2661 B	CHAIN BAG DREDGE	11	GN GLAUC SILT,MICACEOUS
110	2661 C	CHAIN BAG DREDGE	11	MARLY SILTSTONE TO HARD DOLOMITE, YELLOWISH BUFF-BROWN TO GN-GY
110	2661 D	CHAIN BAG DREDGE	11	DENSE GRAYISH DOLOMITE
110	2661 E	CHAIN BAG DREDGE	11	RED ARGILLITE
110	2661 F	CHAIN BAG DREDGE	11	SILTY SS COATED W/ DK GN FINE-MED GLAUC GRAINS
110	2661 G	CHAIN BAG DREDGE	11	RED GRANITE COBBLES(GLACIAL)
110	2661 H	CHAIN BAG DREDGE	11	GN ULTRABASICS AND WEATHERED BASIC ROCKS
110	2661 I	CHAIN BAG DREDGE	11	MISC COBBLES,CHIFFLY GLACIAL
110	2661 J	CHAIN BAG DREDGE	11	FOSSILS

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110	2661 K	CHAIN BAG DREDGE	11	CHIPS OF LEUCOCRATIC GRANITE BOULDER TOO LARGE TO TAKE BACK
110	2662 A	CHAIN BAG DREDGE	11	SOFT GN SILT,CLAYEY TO SANDY,GLAUC
110	2662 B	CHAIN BAG DREDGE	11	FIRM GN CLAYEY SILT,MICACEOUS,SANDY IN PART
110	2662 C	CHAIN BAG DREDGE	11	HARD YELLOW STAINED PIECES, FROM PEBBLE TO COBBLE SIZE
110	2663 A	CHAIN BAG DREDGE	11	STIFF GREENISH-GY CLAY,SOME GY CLAY,SOME BRN CLAY
110	2663 B	CHAIN BAG DREDGE	11	GREENISH SANDY SILT W/ FORAMS
110	2663 C	CHAIN BAG DREDGE	11	HARD BROWNISH BORED CLAY AND SILT
110	2663 D	CHAIN BAG DREDGE	11	HARD DOLIC ROCK W/ GREENISH SURFACE
110	2663 E	CHAIN BAG DREDGE	11	GLASS SPONGE,CRUSHED
110	2663 F	CHAIN BAG DREDGE	11	CORAL FRAGMENTS
110	2664 A	CHAIN BAG DREDGE	11	STIFF GREENISH-GY CLAY
110	2664 B	CHAIN BAG DREDGE	11	STIFF BRN CLAY
110	2664 C	CHAIN BAG DREDGE	11	HARD GN SILT W/ FORAMS
110	2665 A	PIPE DREDGE	10	MARLY-SILTSTONE AND DOL,GY UNIFORM VERY FINE TO SUGARY TEXTURE
110	2665 B	PIPE DREDGE	10	DK GN GLAUC MIC SILT COMPACT,BORED
110	2665 C	PIPE DREDGE	10	BLUE-GY GN CLAYEY SILT FIRM TOSTICKY
110	2665 D	PIPE DREDGE	10	GREEN-BRN SOFT SILT(RECENT)
110	2665 E	PIPE DREDGE	10	SAMPLE MISSING
110	2666	EDGERTON CAMERA	60	NO SAMPLE-CAMERA LOWERING
110	2667	PIPE DREDGE	10	DK GN CLAYEY SILT,V SOFT(RECENT)
110	2668 A	JAPANESE DREDGE	54	GN AND GY STIFF SILTY CLAY
110	2668 B	JAPANESE DREDGE	54	SEMICONSOLIDATED FINE TO MED SAND
110	2668 C	JAPANESE DREDGE	54	GLACIAL COBBLES AND FISH JAWS(QUERY)
110	2669	BOOMERANG CORER	22	2 IN.BROWN MUD, 42 IN.GRAY CLAY
110	2670	BOOMERANG CORER	22	1 IN.BROWN MUD, 22 IN.GRAY UNIFORM CLAY
110	2671	BOOMERANG CORER	22	3 IN.BROWN MEDIUM SAND, 9 IN. GRAY BROWN STIFF CLAY
110	2672	BOOMERANG CORER	22	3 IN.BROWN MEDIUM SAND, 5.5IN. GRAY STIFF CLAY
110	2673	BOOMERANG CORER	22	3 IN.BROWN MUD, 14 IN. GRAY-BROWN FAIRLY STIFF CLAY
110	2674	BOOMERANG CORER	22	1 IN.BROWN MUD, 23 IN. GRAY UNIFORM CLAY
110	2675	BOOMERANG CORER	22	3 IN.BROWN MUD, 6 IN. GRAY BROWN MUD
110	2676	BOOMERANG CORER	22	4 IN.BRN MD SD, 6 IN.GY CL,6.5 IN.GRAY MD-FINE SD, 3.5 IN.DK GY SD
110	2677	BOOMERANG CORER	22	2 IN.BROWN MUD, 6 IN GRAY STIFF CLAY W/ SAND
110	2678	BOOMERANG CORER	22	3 IN.BROWN MUD, 28 IN.GRAY STIFF CLAY
110	2679	BOOMERANG CORER	22	ABOUT 4 IN. BLUE CLAY + SAND
110	2680	BOOMERANG CORER	22	ABOUT 8 IN. BROWN MUD, ABOUT 30 IN. BLUE CLAY
110	2681	CORING TUBE IN MECH ARM	99	DK BRN GN CLAY-SILT-SAND
110	2682	RAKED INTO BASKET W/ ARM	99	DK BRN GN SANDY CLAY-SILT
110	2683	MECH ARM W/ PRY BAR	99	LIMESTONE
110	2684	MECH ARM W/ PRY BAR	99	LIMESTONE,MN STAINED
110	2685	MECH ARM W/ PRY BAR	99	SILTY CALCAREOUS OOZE
110	2686	MECH ARM W/ PRY BAR	99	SILTY CALCAREOUS OOZE
110	2687	MECH ARM W/ PRY BAR	99	LIMESTONE
110	2688	MECH ARM W/ PRY BAR	99	SILTY CALCAREOUS OOZE
110	2689	TRAWL	99	IRREGULAR,PITTED CALCAREOUS SANDSTONE SLAB,ABOUT 70X50X5CM
110	2690 A	MECHANICAL ARM	99	1 COBBLE OF DIORITE 20X15X10 CM.
110	2690 B	MECHANICAL ARM	99	1 COBBLE OF DIORITE GNEISS 18X15X9CM.
110	2691	MECHANICAL ARM	99	COURSE IRON-STAINEDSAND
110	2692	MECHANICAL ARM	99	1 ANCIENT OYSTER FROM GROUP OFABOUT 6 ON RIDGE
110	2693	MECHANICAL ARM	99	MODY.WELL-INDURATED DK. GREENISH-GRAY (WET- SILTY CLAY. MICACEOUS
110	2694	MECH ARM W/ CORER	99	DK.CHOC.BRN.IRON-STND.PRY.SORTED MODY.W-INDUR.SLTY.CLY.V.FN.GRND.SD.
110	2695	MECH ARM W/ CORER	99	BUFF-COLORED SDY,GLAUCONITIC SUCROSE SILTSTONE, MODY.WELL-INDURATED
110	2696	MECHANICAL ARM	99	MODY.WELL-INDUR.DK.GREENISH-GRAY MIC.SLTY.CLAY 10X10CM.TRIANG.PIECE
110	2697	MECHANICAL ARM	99	STICKY HOMOGENEOUS SLATE-GRAY CLAY
110	2698	MECHANICAL ARM	99	BUFF-COLORED FAIRLY W.-INDUR.CALCAREOUS CLAY, SLIGHTLY GLAUCONITIC
110	2699	MECHANICAL ARM	99	ONE BASALTIC GLACIAL COBBLE
110	2700	MECHANICAL ARM	99	MANGANESE-PHOSPHATE SLAB
110	2701	MECHANICAL ARM	99	OLIVE-BLACK LUTITE
110	2702	MECHANICAL ARM	99	PLASTIC, BUFF-WHITE SILTY LIMESTONE. HARDENED AFTER STORAGE
110	2703	MECHANICAL ARM	99	BLACK MANGANESE-PHOSPHATIC NODULE
110	2704	MECHANICAL ARM	99	GY.BOULDER WEATHERED TO GN.ON OUTSIDE. FN.-GRAINED GRANITE SYENITE
110	2705	MECHANICAL ARM	99	BLACK MANGANESE-PHOSPHATIC COBBLE
110	2706 A	MECHANICAL ARM	99	WHITISH-BUFF CALCAREOUS SILTSTONE
110	2706 B	ALVIN	99	BLACKISH-OLIVE LUTITE
110	2707	MECH ARM W/ CORER	99	BROWN GRAVELY AND SANDY MUD
110	2708	MECHANICAL ARM	99	BROWN MUDDY SAND
110	2709 A	ALVIN	99	GREEN SILTY MUD
110	2709 B	ALVIN	99	GREEN SILTY MUD
110	2710	ALVIN	99	GREEN SILTY MUD
110	2711	ALVIN	99	GREEN SILTY MUD
110	2712	ALVIN	99	GREEN MUD
110	2713	ALVIN	99	GREEN MUD
110	2714	GRAPPLING HOOK	99	PIECE OF QUARTZITE ABOUT 15CM.IN DIAMETER
110	2715	DREDGE	59	LS.70X70X70X15CM.IRRG.CAVITIES W/BTRL.COATING,CMTD.SD.+GRV. FOSSILS
110	2716	PIPE DREDGE	10	2 GLACIAL ERRATICS
110	2717	CHAIN BAG DREDGE	11	NONE
110	2718	CHAIN BAG DREDGE	11	SOFT TAN MUD
110	2719	CHAIN BAG DREDGE	11	SCATTERED VEIN QTZ.+DK.GY.PEBBLES. ONE FISSILE COAL FRAG. SAVED
110	2720	CHAIN BAG DREDGE	11	1 RAFTED PEBBLE W/ SPONGES ATTACHED
110	2721 A	CHAIN BAG DREDGE	11	PK.GRT.GRTC.GNEISS,QTZT,METAVOLCS.CHL.SCHIST,BLK.META.DIABASE,SLTY.CL
110	2721 B	CHAIN BAG DREDGE	11	STIFF BROWN CLAY
110	2721 C	CHAIN BAG DREDGE	11	DOLOMITE (QUERY)
110	2722	CHAIN BAG DREDGE	11	QUARTZITE, GRAVEL TO 20CM.MOSTLY GRANITICS, SOME METAMORPHICS
110	2723	CHAIN BAG DREDGE	11	GRAVEL TO 10CM., GRANITICS, QUARTZITE, NONE SAVED
110	2724	CHAIN BAG DREDGE	11	GRAVEL 64-128MM, GRANITICS, GNSTN. BIOT.-QTZ.SCHIST, DK.GY.QUARTZITES
110	2725	CHAIN BAG DREDGE	11	GNSTN,TRIAS.ARK,QTZT,GAB,CRS.XLN.GRT,CHL.SCHIST,MISC. META.ROCKS
110	2726	CHAIN BAG DREDGE	11	MISC. IGNEOUS AND METAMORPHIC ROCKS
110	2727	CHAIN BAG DREDGE	11	GLACIAL SCATTER PEBBLES 64-128MM.QTZT,CHL.SCHIST,DK.GY.ARGLT,GABBRO
110	2728	CHAIN BAG DREDGE	11	1 FRAG.LIMONITE GRV,CRUST,DK.BRNISH.GY,PUNKY SS.,SCHIST, PHYLLITE
110	2729	CHAIN BAG DREDGE	11	5 GLACIAL PEBBLES, CRS.XLN. GRANITE, BASALT, DIABASE
110	2730	CHAIN BAG DREDGE	11	GLACIAL COBS..SEVERAL DK.SUBANG.OF DIABASE-BASALT,ANG.GRT,GN.CHERT

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2731	CHAIN BAG DREDGE	11	BASALT,QTZ,CRS.XLN.GRT,1-2 PIECES WORM TUBE-RIDDLED SED.RX.(SAVED)
110	2732	CHAIN BAG DREDGE	11	MISC. IGNEOUS AND METAMORPHIC ROCKS
110	2733	MECH ARM W/ CORER	99	SAND
110	2734	MECHANICAL ARM	99	1 COBBLE, TRIANGULAR, CHIP SAVED
110	2735	MECHANICAL ARM	99	REDDISH GRANITIC COBBLE 7X8IN., CHIP SAVED
110	2736	MECHANICAL ARM	99	BLACK COBBLE, CHIP SAVED
110	2737	CHAIN BAG DREDGE	11	GNSTN.CHL.SCHIST,GRT,QTZT. PEBBLES + COBBLES TO 10CM. DIAM.
110	2738	CHAIN BAG DREDGE	11	SM.COB.OF GRT.,DK.QTZT.GNEISS,RED SS., CINDER, SHELL FRAGMENTS
110	2739	CHAIN BAG DREDGE	11	NO SAMPLE
110	2740 A	CHAIN BAG DREDGE	11	GY.STIFF CL,SM.COBS.OF GRANITE,GY. METAS., DK. QTZT.
110	2740 B	CHAIN BAG DREDGE	11	1 PIECE OF SEDIMENTARY ROCK,DOLOMITE(QUERY)
110	2741 A	CHAIN BAG DREDGE	11	STIFF GRAY CLAY
110	2741 B	CHAIN BAG DREDGE	11	STIFF BROWN CLAY
110	2741 C	CHAIN BAG DREDGE	11	WORM BORED SOFTER MATERIAL
110	2741 D	CHAIN BAG DREDGE	11	DOLOMITE
110	2741 E	CHAIN BAG DREDGE	11	GLAUCONITIC MATERIAL
110	2741 F	CHAIN BAG DREDGE	11	MISCELLANEOUS ERRATICS
110	2742	CHAIN BAG DREDGE	11	GN.STIFF SLTY.CL,1 LRG.CHUNK APRLY. BROKEN FR,OUTCROP-30X40X15CM.
110	2743	MECHANICAL ARM	99	LT. BROWN MUDSTONE
110	2744	MECH ARM W/ CORER	99	BROWN-GREY SILTY MUD
110	2745	MECH ARM W/ CORER	99	GREY SILTY MUD
110	2746	ALVIN	99	GREY-GREEN SILTY MUD
110	2747	MECHANICAL ARM	99	PRTY.INDUR.EDGES OF CLY.OUTCROP MTRL.,MANY WORM + MOLLUSK BORINGS
110	2748	MECH ARM W/ CORER	99	SLTY.CL.FROM SAME OUTCROP AS 2747,COLLECTED W/ BRASS CORING TUBE
110	2749	MECHANICAL ARM	99	SLTY.CL. SAMPLE DISINTEGRATED + LOST FROM SAMPLE BAG
110	2750	MECHANICAL ARM	99	PIECE OF DOLOMITE TALUS ABOUT 10CM. DIAM.
110	2751	MECH ARM + CORE DRILL	99	CORE DRILLED FR.DOL.OUTCROP,TOP WTHR.BUFF COLOR,BOTTOM-GY.FN.GRN.DOL.
110	2752	MECH ARM W/ CORER	99	SLTY.CL.CORED FR.SURFICIAL MTRL.NEAR DOLOMITE OUTCROP
110	2753	ALVIN	99	SILTY CLAY SCRAPED FROM SAMPLE RACK SKI
110	2754	MECHANICAL ARM	99	MN OXIDE-COATED PEBBLES
110	2755 A	MECHANICAL ARM	99	GLOBIGERINA OOZE + MANY SMALL PEBBLES
110	2755 B	MECHANICAL ARM	99	CONSOLIDATED OOZE-FOUND IN MANY AREAS AS SM.BALLS THAT SIT ON BOTTOM
110	2756	MECHANICAL ARM	99	CONSOLIDATED + LITHIFIED OOZE-W/GLAUCONITE AND PEBBLES INCORPORATED
110	2757	GOS ANCHOR CHAIN	99	MUD WITH GLACIAL ERRATIC
110	2758			SEVERAL LARGE SLABS OF DOLOMITE SANDSTONE
110	2759	SMITH-MCINTYRE GRAB	4	CLAY, GRAYISH GREEN, NO ODOR
110	2760	SMITH-MCINTYRE GRAB	4	CLAY, GRAY GREEN, SOUPY, VERY LITTLE SILT
110	2761	SMITH-MCINTYRE GRAB	4	SAND, GRAVELLY TO SILTY, POORLY SORTED, GRAY GREEN
110	2762A	SMITH-MCINTYRE GRAB	4	MAINLY PEBBLES UP TO 1 CM, WITH SOME SAND
110	2762B	SMITH-MCINTYRE GRAB	4	NO SAMPLE, PROBABLY ROCK BOTTOM
110	2763	SMITH-MCINTYRE GRAB	4	GRAVEL WITH SAND AND SOME CLAY, PEBBLES UP TO 6 CM ACROSS
110	2764	SMITH-MCINTYRE GRAB	4	GRAVEL-ONLY 3 LARGE PEBBLES RECOVERED
110	2765	SMITH-MCINTYRE GRAB	4	GRAVEL UP TO 10 CM ACROSS-ONLY A FEW PEBBLES AND COBBLES RECOVERED
110	2766	SMITH-MCINTYRE GRAB	4	PEBBLES UP TO 5 CM ACROSS-A LITTLE SAND
110	2767	SMITH-MCINTYRE GRAB	4	SAND, GREENISH GRAY AND BLACK, VERY CLAYEY AND SILTY
110	2768	SMITH-MCINTYRE GRAB	4	1 STONE RECOVERED-6 CM DIAMETER PLUS SMALLER GRAVEL (<1CM)
110	2769	SMITH-MCINTYRE GRAB	4	GRAVEL, COBBLES UP TO 12 CM ACROSS, A LITTLE ADHERING MUD-GRAY GREEN
110	2770	SMITH-MCINTYRE GRAB	4	CLAY, GRAY GREEN, STICKY, VERY LITTLE SILT
110	2771A	NISKIN SAMPLER	99	NO BOTTOM SAMPLE
110	2771B	SMITH-MCINTYRE GRAB	4	OLIVE GRAY GREEN CLAY, STICKY, VERY LITTLE SILT
110	2772	SMITH/MC AND NISKIN SPL	4	GRAY GREEN CLAY, NOT MUCH SILT, STICKY, VERY SLIGHT H2S ODOR
110	2773	TRAWL	99	ARAGONITE CEMENTED SANDSTONE BOULDER-100X50X30 CM
110	2774	TRAWL	99	IRON OXIDE CEMENTED GLAUCONITIC SANDSTONE BOULDER, SOME PHOSPHORITE
110	2775	BLAKE TRAWL	99	VERY HARD AND DENSE GRAY DOLOMITIC SS W/THIN BROWN WEATHERED LAYER
110	2801	NATURALIST DREDGE	55	SAND
110	2802	NATURALIST DREDGE	55	SAND
110	2803	NATURALIST DREDGE	55	SAND
110	2804	NATURALIST DREDGE	55	SAND
110	2805	NATURALIST DREDGE	55	SAND
110	2806	NATURALIST DREDGE	55	GRAVELLY SAND
110	2807	NATURALIST DREDGE	55	SAND
110	2808	NATURALIST DREDGE	55	SANDY GRAVEL
110	2809	NATURALIST DREDGE	55	SANDY GRAVEL
110	2810	NATURALIST DREDGE	55	GRAVEL
110	2811	NATURALIST DREDGE	55	SAND
110	2812	NATURALIST DREDGE	55	SAND
110	2813	NATURALIST DREDGE	55	SANDY GRAVEL
110	2814	NATURALIST DREDGE	55	GRAVEL
110	2815	NATURALIST DREDGE	55	SAND
110	2816	NATURALIST DREDGE	55	SAND
110	2817	NATURALIST DREDGE	55	SAND
110	2818	NATURALIST DREDGE	55	SAND
110	2819	NATURALIST DREDGE	55	SHELLY SAND
110	2820	NATURALIST DREDGE	55	SAND
110	2821	NATURALIST DREDGE	55	SAND
110	2822	NATURALIST DREDGE	55	SAND
110	2823	NATURALIST DREDGE	55	SILTY SAND
110	2824	NATURALIST DREDGE	55	SANDY GRAVEL
110	2825	NATURALIST DREDGE	55	SAND
110	2826	NATURALIST DREDGE	55	GRAVELLY SAND
110	2827	NATURALIST DREDGE	55	SILTY SAND
110	2828	NATURALIST DREDGE	55	SAND
110	2829	NATURALIST DREDGE	55	SAND
110	2830	NATURALIST DREDGE	55	GRAVELLY SAND
110	2831	NATURALIST DREDGE	55	SILTY SAND
110	2832	NATURALIST DREDGE	55	GRAVELLY SAND
110	2833	NATURALIST DREDGE	55	SANDY GRAVEL
110	2834	NATURALIST DREDGE	55	TILL
110	2835	NATURALIST DREDGE	55	TILL
110	2836	NATURALIST DREDGE	55	TILL

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2837	NATURALIST DREDGE	55	SAND
110	2838	NATURALIST DREDGE	55	TILL
110	2839	NATURALIST DREDGE	55	TILL
110	2840	NATURALIST DREDGE	55	SANDY SILT
110	2841	NATURALIST DREDGE	55	TILL
110	2842	NATURALIST DREDGE	55	SAND
110	2843	NATURALIST DREDGE	55	SAND
110	2844	NATURALIST DREDGE	55	SAND
110	2845	NATURALIST DREDGE	55	SAND
110	2846	NATURALIST DREDGE	55	SAND
110	2847	NATURALIST DREDGE	55	SAND
110	2848	NATURALIST DREDGE	55	SAND
110	2849	NATURALIST DREDGE	55	GRAVELLY SAND
110	2850	NATURALIST DREDGE	55	GRAVELLY SAND
110	2851	NATURALIST DREDGE	55	GRAVELLY SAND
110	2852	NATURALIST DREDGE	55	SANDY GRAVEL
110	2853	NATURALIST DREDGE	55	GRAVELLY SAND
110	2854	NATURALIST DREDGE	55	GRAVEL
110	2855	NATURALIST DREDGE	55	GRAVELLY SAND
110	2856	NATURALIST DREDGE	55	TILL
110	2857	NATURALIST DREDGE	55	TILL
110	2858	NATURALIST DREDGE	55	TILL
110	2859	NATURALIST DREDGE	55	SILT-CLAY
110	2860	NATURALIST DREDGE	55	SILT-CLAY
110	2861	SCALLOP DREDGE	52	TILL
110	2862	NATURALIST DREDGE	55	SILT-CLAY
110	2863	NATURALIST DREDGE	55	TILL
110	2864	NATURALIST DREDGE	55	TILL
110	2865	NATURALIST DREDGE	55	GRAVEL
110	2866	NATURALIST DREDGE	55	GRAVEL
110	2867	NATURALIST DREDGE	55	GRAVEL
110	2868	SCALLOP DREDGE	52	GRAVEL
110	2869	NATURALIST DREDGE	55	GRAVEL
110	2870	NATURALIST DREDGE	55	SANDY GRAVEL
110	2871	NATURALIST DREDGE	55	SANDY GRAVEL
110	2872	NATURALIST DREDGE	55	GRAVEL
110	2873	NATURALIST DREDGE	55	GRAVEL
110	2874	NATURALIST DREDGE	55	GRAVEL
110	2875	NATURALIST DREDGE	55	GRAVEL
110	2876	NATURALIST DREDGE	55	GRAVELLY SAND
110	2877	NATURALIST DREDGE	55	GRAVELLY SAND
110	2878	NATURALIST DREDGE	55	GRAVEL
110	2879	SCALLOP DREDGE	52	TILL
110	2880	SCALLOP DREDGE	55	
110	2881	SCALLOP DREDGE	52	GRAVEL
110	2882	NATURALIST DREDGE	55	GRAVEL
110	2883	NATURALIST DREDGE	55	TILL
110	2884	SCALLOP DREDGE	52	TILL
110	2885	SCALLOP DREDGE	52	GRAVEL
110	2886	NAT DREDGE	55	GRAVELLY SAND
110	2887	NAT DREDGE	55	SANDY GRAVEL
110	2888	NATURALIST DREDGE	55	SANDY GRAVEL
110	2889	NATURALIST DREDGE	55	SANDY GRAVEL
110	2890	NATURALIST DREDGE	55	GRAVEL
110	2891	NATURALIST DREDGE	55	SAND
110	2892	NATURALIST DREDGE	55	SANDY GRAVEL
110	2893	NATURALIST DREDGE	55	SANDY GRAVEL
110	2894	SCALLOP DREDGE	52	GRAVEL
110	2895	NATURALIST DREDGE	55	GRAVELLY SAND
110	2896	NATURALIST DREDGE	55	SANDY GRAVEL
110	2897	NATURALIST DREDGE	55	GRAVEL
110	2898	NATURALIST DREDGE	55	GRAVEL
110	2899	NATURALIST DREDGE	55	GRAVEL
110	2900	NATURALIST DREDGE	55	SANDY GRAVEL
110	2901	NATURALIST DREDGE	55	GRAVEL
110	2902	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2903	NATURALIST DREDGE	55	GRAVEL
110	2904	NATURALIST DREDGE	55	GRAVEL
110	2905	NATURALIST DREDGE	55	SHELLY SAND
110	2906	NATURALIST DREDGE	55	SHELLY SAND
110	2907	NATURALIST DREDGE	55	GRAVEL
110	2908	NATURALIST DREDGE	55	GRAVEL
110	2909	NATURALIST DREDGE	55	GRAVEL
110	2910	NATURALIST DREDGE	55	GRAVEL
110	2911	NATURALIST DREDGE	55	SHELLY SAND
110	2912	NATURALIST DREDGE	55	SANDY GRAVEL
110	2913	NATURALIST DREDGE	55	GRAVEL
110	2914	NATURALIST DREDGE	55	SHELLY SAND
110	2915	NATURALIST DREDGE	55	SANDY SHELL
110	2916	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2917	NATURALIST DREDGE	55	GRAVEL
110	2918	NATURALIST DREDGE	55	GRAVEL
110	2919	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2920	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2921	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2922	NATURALIST DREDGE	55	GRAVEL
110	2923	NATURALIST DREDGE	55	GRAVEL
110	2924	NATURALIST DREDGE	55	GRAVEL
110	2925	NATURALIST DREDGE	55	GRAVEL
110	2926	NATURALIST DREDGE	55	SANDY GRAVEL

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	2927	NATURALIST DREDGE	55	SANDY GRAVEL
110	2928	NATURALIST DREDGE	55	GRAVEL
110	2929	NATURALIST DREDGE	55	SHELLY SAND
110	2930	NATURALIST DREDGE	55	SANDY GRAVEL
110	2931	NATURALIST DREDGE	55	GRAVEL
110	2932	NATURALIST DREDGE	55	GRAVEL
110	2933	NATURALIST DREDGE	55	GRAVEL
110	2934	NATURALIST DREDGE	55	GRAVEL
110	2935	NATURALIST DREDGE	55	GRAVELLY SAND
110	2936	NATURALIST DREDGE	55	GRAVEL
110	2937	NATURALIST DREDGE	55	GRAVEL
110	2938	NATURALIST DREDGE	55	SANDY GRAVEL
110	2939	NATURALIST DREDGE	55	GRAVEL
110	2940	NATURALIST DREDGE	55	TILL
110	2941	NATURALIST DREDGE	55	TILL
110	2942	NATURALIST DREDGE	55	TILL
110	2943	NATURALIST DREDGE	55	
110	2944	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2945	NATURALIST DREDGE	55	TILL
110	2946	NATURALIST DREDGE	55	TILL
110	2947	NATURALIST DREDGE	55	SHELL
110	2948	NATURALIST DREDGE	55	TILL
110	2949	NATURALIST DREDGE	55	TILL
110	2950	NATURALIST DREDGE	55	TILL
110	2951	NATURALIST DREDGE	55	TILL
110	2952	NATURALIST DREDGE	55	SILT-CLAY
110	2953	NATURALIST DREDGE	55	CLAYEY SILT
110	2954	NATURALIST DREDGE	55	SILT-CLAY
110	2955	NATURALIST DREDGE	55	SILT-CLAY
110	2956	NATURALIST DREDGE	55	CLAYEY SILT
110	2957	NATURALIST DREDGE	55	SILT-CLAY
110	2958	NATURALIST DREDGE	55	TILL
110	2959	NATURALIST DREDGE	55	SILT-CLAY
110	2960	NATURALIST DREDGE	55	TILL
110	2961	NATURALIST DREDGE	55	SILT-CLAY
110	2962	NATURALIST DREDGE	55	TILL
110	2963	NATURALIST DREDGE	55	TILL
110	2964	NATURALIST DREDGE	55	TILL
110	2965	NATURALIST DREDGE	55	SILT-CLAY
110	2966	NATURALIST DREDGE	55	SILT-CLAY
110	2967	NATURALIST DREDGE	55	SILT-CLAY
110	2968	DRAG DREDGE	99	SILTY SAND
110	2969	NATURALIST DREDGE	55	SILT-CLAY
110	2970	NATURALIST DREDGE	55	SILT-CLAY
110	2971	NATURALIST DREDGE	55	TILL
110	2972	NATURALIST DREDGE	55	SILT-CLAY
110	2973	NATURALIST DREDGE	55	TILL
110	2974	NATURALIST DREDGE	55	TILL
110	2975	NATURALIST DREDGE	55	TILL
110	2976	NATURALIST DREDGE	55	SILT-CLAY
110	2977	NATURALIST DREDGE	55	TILL
110	2978	NATURALIST DREDGE	55	GRAVEL
110	2979	NATURALIST DREDGE	55	SILT-CLAY
110	2980	NATURALIST DREDGE	55	TILL
110	2981	NATURALIST DREDGE	55	TILL
110	2982	NATURALIST DREDGE	55	TILL
110	2983	NATURALIST DREDGE	55	TILL
110	2984	NATURALIST DREDGE	55	CLAYEY SILT
110	2985	NATURALIST DREDGE	55	TILL
110	2986	NATURALIST DREDGE	55	TILL
110	2987	NATURALIST DREDGE	55	SHELLY SAND
110	2988	NATURALIST DREDGE	55	GRAVEL
110	2989	NATURALIST DREDGE	55	GRAVEL
110	2990	NATURALIST DREDGE	55	SILTY CLAY
110	2991	NATURALIST DREDGE	55	TILL
110	2992	NATURALIST DREDGE	55	SILT-CLAY
110	2993	NATURALIST DREDGE	55	SILT-CLAY
110	2994	NATURALIST DREDGE	55	TILL
110	2995	NATURALIST DREDGE	55	GRAVEL
110	2996	NATURALIST DREDGE	55	SILTY SAND
110	2997	NATURALIST DREDGE	55	TILL
110	2998	NATURALIST DREDGE	55	SHELLY GRAVEL
110	2999	NATURALIST DREDGE	55	TILL
110	3000	NATURALIST DREDGE	55	TILL
110	3001	NATURALIST DREDGE	55	TILL
110	3002	NATURALIST DREDGE	55	SILT-CLAY
110	3003	NATURALIST DREDGE	55	TILL
110	3004	NATURALIST DREDGE	55	GRAVEL
110	3005	NATURALIST DREDGE	55	TILL
110	3006	NATURALIST DREDGE	55	GRAVEL
110	3007	NATURALIST DREDGE	55	SILT-CLAY
110	3008	NATURALIST DREDGE	55	TILL
110	3009	NATURALIST DREDGE	55	SILTY CLAY
110	3010	NATURALIST DREDGE	55	TILL
110	3011	NATURALIST DREDGE	55	TILL
110	3012	NATURALIST DREDGE	55	TILL
110	3013	NATURALIST DREDGE	55	TILL
110	3014	NATURALIST DREDGE	55	GRAVELLY SAND
110	3015	NATURALIST DREDGE	55	GRAVELLY SAND
110	3016	NATURALIST DREDGE	55	TILL

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110	3017	NATURALIST DREDGE	55	SILT-CLAY
110	3018	NATURALIST DREDGE	55	SILT-CLAY
110	3019	NATURALIST DREDGE	55	TILL
110	3020	NATURALIST DREDGE	55	TILL
110	3021	NATURALIST DREDGE	55	TILL
110	3022	NATURALIST DREDGE	55	TILL
110	3023	NATURALIST DREDGE	55	GRAVEL
110	3024	NATURALIST DREDGE	55	SANDY GRAVEL
110	3025	NATURALIST DREDGE	55	SILTY SAND
110	3026	NATURALIST DREDGE	55	SILT-CLAY
110	3027	NATURALIST DREDGE	55	TILL
110	3028	NATURALIST DREDGE	55	TILL
110	3029	NATURALIST DREDGE	55	TILL
110	3030	NATURALIST DREDGE	55	TILL
110	3031	NATURALIST DREDGE	55	SILT-CLAY
110	3032	NATURALIST DREDGE	55	SAND
110	3033	NATURALIST DREDGE	55	SILTY-SAND
110	3034	NATURALIST DREDGE	55	SILT-CLAY
110	3035	NATURALIST DREDGE	55	SAND
110	3036	NATURALIST DREDGE	55	SILT-CLAY
110	3037	NATURALIST DREDGE	55	SILT-CLAY
110	3038	NATURALIST DREDGE	55	TILL
110	3039	NATURALIST DREDGE	55	TILL
110	3040	NATURALIST DREDGE	55	SILT-CLAY
110	3041	NATURALIST DREDGE	55	SILT-CLAY
110	3042	NATURALIST DREDGE	55	SILT-CLAY
110	3043	NATURALIST DREDGE	55	TILL
110	3044	VAN VEEN GRAB	5	-
110	3045	VAN VEEN GRAB	5	-
110	3046	VAN VEEN GRAB	5	-
110	3047	VAN VEEN GRAB	5	-
110	3048	VAN VEEN GRAB	5	-
110	3049	BWEN CAMERA	99	-
110	3050	GRAVITY CORER	20	-
110	3051	GRAVITY CORER	20	-
110	3052	GRAVITY CORER	20	-
110	3053	GRAVITY CORER	20	-
110	3054	GRAVITY CORER	20	-
110	3055	GRAVITY CORER	20	-
110	3056	GRAVITY CORER	20	-
110	3057	GRAVITY CORER	20	-
110	3058 A	VAN VEEN GRAB	5	-
110	3058 B	GRAVITY CORER	20	-
110	3059 A	VAN VEEN GRAB	5	-
110	3059 B	GRAVITY CORER	20	-
110	3060	GRAVITY CORER	20	-
110	3061 A	VAN VEEN GRAB	5	-
110	3061 B	GRAVITY CORER	20	-
110	3062 A	VAN VEEN GRAB	5	-
110	3062 B	GRAVITY CORER	20	-
110	3063 A	VAN VEEN GRAB	5	-
110	3063 B	GRAVITY CORER	20	-
110	3064 A	VAN VEEN GRAB	5	-
110	3064 B	GRAVITY CORER	20	-
110	3065 A	VAN VEEN GRAB	5	-
110	3065 B	GRAVITY CORER	20	-
110	3066 A	VAN VEEN GRAB	5	-
110	3066 B	GRAVITY CORER	20	-
110	3067 A	VAN VEEN GRAB	5	-
110	3067 B	GRAVITY CORER	20	-
110	3068 A	VAN VEEN GRAB	5	-
110	3068 B	GRAVITY CORER	20	-
110	3068 C	BWEN CAMERA	99	-
110	3069	GRAVITY CORER	20	-
110	3070 A	VAN VEEN GRAB	5	-
110	3070 B	GRAVITY CORER	20	-
110	3071 A	VAN VEEN GRAB	5	-
110	3071 B	GRAVITY CORER	20	-
110	3072 A	VAN VEEN GRAB	5	-
110	3072 B	GRAVITY CORER	20	-
110	3073 A	VAN VEEN GRAB	5	-
110	3073 B	GRAVITY CORER	20	-
110	3074 A	VAN VEEN GRAB	5	-
110	3074 B	GRAVITY CORER	20	-
110	3075 A	VAN VEEN GRAB	5	-
110	3075 B	GRAVITY CORER	20	-
110	3076 A	VAN VEEN GRAB	5	-
110	3076 B	GRAVITY CORER	20	-
110	3076 C	BWEN CAMERA	99	-
110	3077 A	VAN VEEN GRAB	5	-
110	3077 B	GRAVITY CORER	20	-
110	3078 A	VAN VEEN GRAB	5	-
110	3078 B	GRAVITY CORER	20	-
110	3079 A	VAN VEEN GRAB	5	-
110	3079 B	GRAVITY CORER	20	-
110	3080 A	VANVEEN GRAB	5	-
110	3080 B	GRAVITY CORER	20	-
110	3080 C	BWEN CAMERA	99	-
110	3081 A	VAN VEEN GRAB	5	-
110	3081 B	GRAVITY CORER	20	-

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	3082 A	VAN VEEN GRAB	5	"
110	3082 B	GRAVITY CORER	20	"
110	3083 A	VAN VEEN GRAB	5	"
110	3083 B	GRAVITY CORER	20	"
110	3084	VAN VEEN GRAB	5	"
110	3085 A	VAN VEEN GRAB	5	"
110	3085 B	GRAVITY CORER	20	"
110	3086 A	VAN VEEN GRAB	5	"
110	3086 B	GRAVITY CORER	20	"
110	3087 A	VAN VEEN GRAB	5	"
110	3087 B	GRAVITY CORER	20	"
110	3088 A	VAN VEEN GRAB	5	"
110	3088 B	GRAVITY CORER	20	"
110	3089 A	VAN VEEN GRAB	5	"
110	3089 B	GRAVITY CORER	20	"
110	3090 A	VAN VEEN GRAB	5	"
110	3090 B	GRAVITY CORER	20	"
110	3091 A	VAN VEEN GRAB	5	"
110	3091 B	GRAVITY CORER	20	"
110	3092 A	VAN VEEN GRAB	5	"
110	3092 B	GRAVITY CORER	20	"
110	3093 A	VAN VEEN GRAB	5	"
110	3093 B	GRAVITY CORER	20	"
110	3094 A	VAN VEEN GRAB	5	"
110	3094 B	GRAVITY CORER	20	"
110	3095 A	VAN VEEN GRAB	5	"
110	3095 B	GRAVITY CORER	20	"
110	3096 A	VAN VEEN GRAB	5	"
110	3096 B	GRAVITY CORER	20	"
110	3097 A	VAN VEEN GRAB	5	"
110	3097 B	GRAVITY CORER	20	"
110	3097 C	OWEN CAMERA	99	"
110	3098 A	VAN VEEN GRAB	5	"
110	3098 B	GRAVITY CORER	20	"
110	3099 A	VAN VEEN GRAB	5	"
110	3099 B	GRAVITY CORER	20	"
110	3100 A	VAN VEEN GRAB	5	"
110	3100 B	GRAVITY CORER	20	"
110	3100 C	OWEN CAMERA	99	"
110	3101 A	VAN VEEN GRAB	5	"
110	3101 B	GRAVITY CORER	20	"
110	3102 A	VAN VEEN GRAB	5	"
110	3102 B	GRAVITY CORER	20	"
110	3103 A	VAN VEEN GRAB	5	"
110	3103 B	GRAVITY CORER	20	"
110	3104 A	VAN VEEN GRAB	5	"
110	3104 B	GRAVITY CORER	20	"
110	3105 A	VAN VEEN GRAB	5	"
110	3105 B	GRAVITY CORER	20	"
110	3106	GRAVITY CORER	20	"
110	3107 A	VAN VEEN GRAB	5	"
110	3107 B	GRAVITY CORER	20	"
110	3108 A	VAN VEEN GRAB	5	"
110	3108 B	GRAVITY CORER	20	"
110	3109	GRAVITY CORER	20	"
110	3110	GRAVITY CORER	20	"
110	3111	GRAVITY CORER	20	"
110	3112 A	VAN VEEN GRAB	5	"
110	3112 B	GRAVITY CORER	20	"
110	3113	GRAVITY CORER	20	"
110	3114 A	VAN VEEN GRAB	5	"
110	3114 B	GRAVITY CORER	20	"
110	3115	GRAVITY CORER	20	"
110	3116	VAN VEEN GRAB	5	BRN WELL-SORTED MD-FINE SAND
110	3117	VAN VEEN GRAB	5	ROUNDED GRAVEL WITH SOME SAND
110	3118	VAN VEEN GRAB	5	GRAVELLY SAND
110	3119	VAN VEEN GRAB	5	GRAVEL WITH SOME COARSE SAND
110	3120	VAN VEEN GRAB	5	SHELLY GRAVEL AND MD COARSE TERRIGENOUS SAND
110	3121	VAN VEEN GRAB	5	GRAY GREEN MUD WITH FEW CLAM SHELLS
110	3122	VAN VEEN GRAB	5	GRAY GREEN SANDY MUD
110	3123	VAN VEEN GRAB	5	MD-FINE BROWN SAND
110	3124	VAN VEEN GRAB	5	GRAY GREEN MUD
110	3125	VAN VEEN GRAB	5	IRON STAINED SANDY GRAVEL
110	3126	VAN VEEN GRAB	5	SAND WITH SOME GRAVEL
110	3127	VAN VEEN GRAB	5	IRON STAINED COARSE SAND,SOME GRAVEL
110	3128	VAN VEEN GRAB	5	IRON STAINED COARSE SAND,SOME GRAVEL
110	3129	VAN VEEN GRAB	5	FINE BROWN SAND WITH MUD
110	3130	VAN VEEN GRAB	5	COARSE SAND WITH SOME MUD
110	3131	VAN VEEN GRAB	5	GRAY GREEN MUD
110	3132	VAN VEEN GRAB	5	GRAY MUD
110	3133	VAN VEEN GRAB	5	GRAY MUD
110	3134	VAN VEEN GRAB	5	SANDY MUD
110	3135	VAN VEEN GRAB	5	COARSE IRON-STAINED MUD
110	3136	VAN VEEN GRAB	5	COARSE IRON-STAINED SAND
110	3137	VAN VEEN GRAB	5	MD-COARSE IRON-STAINED SAND
110	3138	VAN VEEN GRAB	5	BROWN MUD-GRAVEL-SAND
110	3139	VAN VEEN GRAB	5	COARSE IRON-STAINED SAND
110	3140	VAN VEEN GRAB	5	IRON-STAINED SANDY GRAVEL
110	3141	VAN VEEN GRAB	5	COARSE SAND
110	3142	VAN VEEN GRAB	5	BROWN MD-FINE SAND

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	3143	VAN VEEN GRAB	5	BROWN FINE SAND
110	3144	VAN VEEN GRAB	5	GRAY-GREEN SANDY MUD
110	3145	VAN VEEN GRAB	5	BROWN GRAVELLY MD SAND
110	3146	VAN VEEN GRAB	5	SANDY GRAVEL
110	3147	VAN VEEN GRAB	5	IRON-STAINED SAND
110	3148	VAN VEEN GRAB	5	MD-FINE SAND W/ CLAM SHELL GRAVEL
110	3149	VAN VEEN GRAB	5	GREEN GRAY MUD
110	3150	VAN VEEN GRAB	5	GRAY GREEN MUD
110	3151	VAN VEEN GRAB	5	VERY GOOEY GRAY GREEN MUD
110	3152	VAN VEEN GRAB	5	BROWN GRAY SANDY MUD
110	3153	VAN VEEN GRAB	5	MD IRON-STAINED SAND
110	3154	VAN VEEN GRAB	5	COARSE IRON-STAINED SAND W/ SOME GRAVEL
110	3155	VAN VEEN GRAB	5	SANDY GRAVEL
110	3156	VAN VEEN GRAB	5	SANDY GRAVEL
110	3157	VAN VEEN GRAB	5	MD BROWN SAND W/ LITTLE MUD
110	3158	VAN VEEN GRAB	5	MD BROWN SAND W/ CLAM SHELL FRAGMENTS
110	3159	VAN VEEN GRAB	5	MD-FINE BRROWN SAND W/ SOME MUD AND BROKEN CLAM SHELLS
110	3160	VAN VEEN GRAB	5	GREEN GRAY MUD
110	3161	VAN VEEN GRAB	5	MD-COARSE SAND
110	3162	VAN VEEN GRAB	5	GRAY BROWN SANDY MUD
110	3163	VAN VEEN GRAB	5	BROWN SAND
110	3164	VAN VEEN GRAB	5	WHITISH IRON STAIN SAND W/ GRAVEL PEBBLES
110	3165	VAN VEEN GRAB	5	CLEAN LIGHTLY-STAINED SAND
110	3166	VAN VEEN GRAB	5	GRAY GREEN SANDY MUD W/ PATCHES OF BLACK
110	3167	VAN VEEN GRAB	5	GRAY GREEN MUD
110	3168	VAN VEEN GRAB	5	GRAY GREEN MUD
110	3169	VAN VEEN GRAB	5	MUDDY ANGULAR GRAVEL
110	3170	VAN VEEN GRAB	5	ANGULAR GRAVEL W/ TRACE OF MUD
110	3171	VAN VEEN GRAB	5	COARSE IRON-STAINED SAND W/ SOME MUD
110	3172	VAN VEEN GRAB	5	ANGULAR GRAVEL W/ SOME GRAY MUD
110	3216A	VAN VEEN GRAB	5	BURROWED RIDDLED GRAY FRAG OF SILTY CLAY,SILTY CLAYEY GRAVELLY SAND
110	3216B	DIETZ-LAFOND SNAPPER	7	GRAVEL-CLAYSTONE AND EXOTIC TYPES, 10% MUD MATRIX
110	3217	DIETZ-LAFOND SNAPPER	7	GRAY GREEN SANDY GRAVELLY MUD POORLY SORTED GRAVEL ENCRUSTED W/ SPONGE
110	3218	D-L SNAPPER + GRAVITY COR	99	SOFT GRAY GREEN MUD,SLIGHTLY SANDY W/ GREEN CLAYSTONE GALLS
110	3219	GRAVITY CORER	20	SILTY MUD
110	3220	DIETZ-LAFOND SNAPPER	7	
110	3221	DIETZ-LAFOND SNAPPER	7	ROUNDED BLK ROCKS,SAND AND SHELLS
110	3222	DIETZ-LAFOND SNAPPER	7	COARSE CLEAN BROWN SAND
110	3223	DIETZ-LAFOND SNAPPER	7	COARSE CLEAN BROWN SAND
110	3224	DIETZ-LAFOND SNAPPER	7	GRAVEL,SAND W/ BRN-YL BRN PEBS
110	3225	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL W/ IRON-OXIDE STAINING
110	3226	DIETZ-LAFOND SNAPPER	7	COARSE GRAVELLY SAND,SLIGHT IRON OXIDE STAINING,PEBS UP TO 16MM
110	3227	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SOFT SANDY SILT SOME FINE GRAVEL UP TO 2-4MM
110	3228	DIETZ-LAFOND SNAPPER	7	SILTY SAND W/ SCATTERED PEBS UNCONSOLIDATED,POORLY SORTED
110	3229	DIETZ-LAFOND SNAPPER	7	SILTY GRAYISH GREEN SAND W/SOME SILT AND CLAY,LITTLE FINE GRAVEL
110	3230	DIETZ-LAFOND SNAPPER	7	CLEAN BROWN SAND,LITTLE SILT VERY HARD
110	3231	D-L SNAPPER AND GRAV COR	99	GREENISH GRAY SANDY SILT
110	3232	D-L SNAPPER AND GRAV COR	99	GREENISH GRAY CLAYEY SILT
110	3233	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SILTY HOMOGENEOUS MUD
110	3234	DIETZ-LAFOND SNAPPER	7	GREEN GRAY SILTY,SANDY CLAY
110	3235 A	DIETZ-LAFOND SNAPPER	7	MUDDY GRAVEL,POORLY SORTED,SILT,SAND AND CLAY ABOUT 30% OF TOTAL
110	3235 B	DIETZ-LAFOND SNAPPER	7	STICKY DK GRAY GREEN SANDY SILT,20-25% V.F. SAND
110	3236	DIETZ-LAFOND SNAPPER	7	NO RECOVERY
110	3237	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SANDY SILT,BRNISH SOUPY SURFACE LAYER
110	3238	DIETZ-LAFOND SNAPPER	7	FEW PIECES OF GRAVEL AND ONE 5CM ROUNDED PEBBLE
110	3239	DIETZ-LAFOND SNAPPER	7	ROCK FRAGMENT,GRAVEL AND SAND
110	3240	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SANDY SILT
110	3241	DIETZ-LAFOND SNAPPER	7	GREENISH BROWN SILTY SAND
110	3242	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY CLAYEY SILT
110	3243	PIPE DREDGE	10	V CRS SAND,GRAVEL,PEBBLE,AND ROCKS TO 12 INCH DIAMETER
110	3244	D-L SNAPPER + DREDGE	99	MUD, GREENISH GRAY, SILTY;SAND BROWN,MED-CS GRAIN GRAVEL
110	3245	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY UNCONSOLIDATED SANDY SILT
110	3246	D-L SNAPPER AND GRAV COR	99	GREENISH GRAY SILTY CLAY,H2S SMELL IN CORE NOSE
110	3247	DIETZ-LAFOND SNAPPER	7	COARSE GREEN SUBARKOSIC SAND SOME GRAVEL AND MUD PEBS IRON-STAINED
110	3248	DIETZ-LAFOND SNAPPER	7	GRAYISH GREEN SANDY SILTY CLAY POORLY SORTED,FEW GLACIAL PEBS TO 32MM
110	3249	DIETZ-LAFOND SNAPPER	7	4 PEBBLES OF IGNEOUS ROCK
110	3250	DIETZ-LAFOND SNAPPER	7	FEW PEBBLES AND COARSE GRAVEL
110	3251	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY CLAYEY SILT
110	3252	DIETZ-LAFOND SNAPPER	7	3 IGNEOUS ROCK FRAGMENTS
110	3253	DIETZ-LAFOND SNAPPER	7	FRAGMENTS OF CLAM SHELLS 1-3IN
110	3254	DIETZ-LAFOND SNAPPER	7	SILTY BROWN SAND W/ SHELL FRAEMENTS
110	3255	DIETZ-LAFOND SNAPPER	7	
110	3256	DIETZ-LAFOND SNAPPER	7	
110	3257	VAN VEEN GRAB	5	PEBBLES QUARTZITE,GRANODISITE
110	3258	VAN VEEN GRAB	5	GRAY GREEN SAND V FINE-FINE; SILTY,MUDDY W/ A FEW SHELL FRAGMENTS
110	3259	V V GRAB AND D-L SNAPPER	99	GRAVEL W/ MUDDY MATRIX,CLAY GALLS,ANGULAR-SUBROUNDED
110	3260	VAN VEEN GRAB	5	MUDDY GRAVEL,CLAST TO 64MM GRAVEL BOTTOM
110	3261	VAN VEEN GRAB	5	SANDY-SILTY CLAY SCATTERED PEBBLES AND CLAY MOD-POOR SORTING
110	3262	VAN VEEN GRAB	5	BROWN SILT,SOFT SILTY SAND,PARTLY COMPACTED MUDDY SAND
110	3263	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY CLAYEY SILT BOTTOM PROBABLY GRAVEL AND MUD
110	3264	DIETZ-LAFOND SNAPPER	7	ONE COBBLE AND SMALL AMT MUD
110	3265	VAN VEEN GRAB	5	4 IGNEOUS PEBBLES
110	3266	VAN VEEN GRAB	5	BROWN SANDY AND SILTY GRAVEL
110	3267	VAN VEEN GRAB	5	SANDY PEBBLY GRAVEL
110	3268	V V GRAB AND D-L SNAPPER	99	ROCK FRAGMENTS AND ROUNDED COBBLES
110	3269	V V GRAB AND D-L SNAPPER	99	SL SILTY GREENISH GRAY CLAY SOFT BROWN STICKY CARBONACEOUS STREAK
110	3270	DIETZ-LAFOND SNAPPER	7	GREEN GRAY CLAY V SL SILTY HOMOGENEOUS
110	3271	DIETZ-LAFOND SNAPPER	7	GREEN GRAY CLAY V SL SILTY HOMOGENEOUS
110	3272	V V GRAB AND D-L SNAPPER	99	D-LICOBBLES AND PEBBLES V-VI GRAVEL AND PEBBLES W/ SOME SAND
110	3273	VAN VEEN GRAB	5	GREEN SILTY SAND

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110	3274	VAN VEEN GRAB	5	SUBROUNDED PEBBLES
110	3275	VAN VEEN GRAB	5	SAND,GRAVEL PEBBLES AND COBBLES-SUBROUNDED TO SUBANGULAR
110	3276	VAN VEEN GRAB	5	PROBABLY BEDROCK
110	3277	VAN VEEN GRAB	5	SURFACE MUD BROWNISH GREEN BELOW IS SANDY SILT
110	3278	V V GRAB AND D-L SNAPPER	99	ONE PEBBLE IN VAN VEEN
110	3279	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY CLAY SLY SILTY HOMOGENEOUS
110	3280	V V GRAB AND D-L SNAPPER	99	D-L12 COBBLES V-VICLAYSTONE CONCRETIONS AND GLACIAL PEBBLES
110	3281	VAN VEEN GRAB	95	MUDDY GRAVEL UP TO 32MM SOME FE-MN COATED CLAY GALLS
110	3282	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SLY SILTY CLAY SOFT CARBONACEOUS STREAKS
110	3283	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SILTY CLAY
110	3284	PIPE DREDGE AND D-L SNAP	99	PIPE DREDGEIGRAVEL AND ROCKS UP TO 10 INCHES
110	3285	PIPE DREDGE	10	BROWN PEBBLY SANDY GRAVEL
110	3286	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY MUD SILT SHELLS ANDGRAVEL
110	3287	PIPE DREDGE	10	SANDY-MUDDY GRAVEL CLAST,TO 100MM POORLY SORTED GRAVEL AT SURFACE
110	3288	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY CLAY,BROWNISH SURFACE LAYER
110	3289	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY CLAY
110	3290	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY CLAY SLY SILTY,
110	3291	DIETZ-LAFOND SNAPPER	7	DK GRAYISH BROWN CEMENTED CLAYSTONE FRAGS,GLACIAL PEBBLES
110	3292	35MM STEREO CAMERA-DREDG	99	GRAVEL,COBBLES TO 256MM
110	3293	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SOFT STICKY SILTY CLAY
110	3294	V-V GRAB AND D-L SNAPPER	99	SIX METAMORPHIC ROCKS TO 6IN
110	3295	PIPE DREDGE	10	CLEAN V COARSE GRAVEL AND PEBSAND COBS
110	3296 A	PIPE DREDGE	10	COARSE GRAVELLY SAND AND ROCK
110	3296 B	PIPE DREDGE	10	BLACK ULTRABASIC ROCK (GABBRO-DIORITE),RED ALGAE COVERED
110	3297	PIPE DREDGE	10	V COARSE PEBBLY AND ROCKY SAND
110	3298	DIETZ-LAFOND SNAPPER	7	GREENISH GRAY SANDY SILTY
110	3299	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY CLAY HOMOGENEOUS STICKY MODERATELY SILTY
110	3300	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY VERY SANDY SILT
110	3301	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY CLAY SLY SILTY W/ CARBONACEOUS STREAKS
110	3302	DIETZ-LAFOND SNAPPER	7	GREEN-GRAY CLAY SLY SILTY W/ CARBONACEOUS STREAKS
110	3303	DIETZ-LAFOND SNAPPER	7	MUDDY GRAVEL SUBROUNDED TO ANGULAR SANDY SILT POORLY SORTED GRNISHGRY
110	3304	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL GRAVEL TO 180MM MOD-POORLY SORTED,GLACIAL DEBRIS
110	3305	VAN VEEN GRAB	5	GRAYISH GREEN SANDY SILT,BROWNSURFACE LAYER,NO GRAVEL
110	3306			CLAYEY SILT W/ SLY SANDY ADMIXSOFT GRAYISH GREEN
110	3307	PAUL CORER	99	SOFT STICKY GREENISH GRAY SLY SILTY CLAY,SCATTERED FORAMS
110	3308	VAN VEEN GRAB	5	GRAVEL
110	3309	DIETZ-LAFOND SNAPPER	7	GRAY GREEN GRAVELLY SAND
110	3310	DIETZ-LAFOND SNAPPER	7	GRAY GREEN MUD SLIGHTLY SILTY A FEW SMALL SHELLS AND SHELL FRAGMENTS
110	3311A	DIETZ-LAFOND SNAPPER	7	GREEN GRAY MUD SLIGHTLY SILTY
110	3311B	VAN VEEN GRAB	5	DARK GRAY SOUPY MUD
110	3312	BOT DRIFTER SALINOMETER	99	GRAY GREEN SANDY SILTY MUD
110	3313	BOTTOM DRIFTER	99	NO SAMPLE
110	3314	VAN VEEN GRAB	5	DARK GRAY GREEN MUD STRONG H2SSMELL
110	3315	VAN VEEN GRAB	5	GRAY GREEN MUD STREAKED GREEN AND BLACK STRONG H2S ODOR
110	3316	VAN VEEN GRAB	5	DK GRAY GREEN MUD VERY SANDY AND SILTY A FEW SHELL AND WOOD FRAGMENT
110	3317	VAN VEEN GRAB	5	GRANITIC COBBLES
110	3318	VAN VEEN GRAB	5	V COARSE GRAVELLY SAND,MUD ANDSILT
110	3319	BOTTOM DRIFTER	53	GRAVEL COBBLES
110	3320	VAN VEEN GRAB	5	GREEN-GRAY SLIGHTLY SILTY HOMOGENEOUS CLAY
110	3321	VAN VEEN GRAB	5	GREEN-GRAY-DARK GRAY CLAY SLY SILTY SL-MOD H2S ODOR
110	3322	VAN VEEN GRAB	5	DK GREENISH GRAY-DK GRAY CLAY SLY SILTY MOD-STRONG H2S ODOR
110	3323	VAN VEEN GRAB	5	GREEN GRAY HOMOGENEOUS SLY SILTY CLAY NO H2S ODOR
110	3324	VAN VEEN GRAB	5	GRAVEL AND 1 PEBBLE
110	3325	VAN VEEN GRAB	5	GRAY GREEN SAND VERY MUDDY SILTY-GRAVELLY
110	3326	V-V GRAB + D-L SNAPPER	99	SLIMY STREAKED GRAY GREEN AND BLACK MUD,A FEW PEBBLES
110	3327	VAN VEEN GRAB	5	PEBBLY SAND W/ GREEN MUD,ONE COBBLE
110	3328	VAN VEEN GRAB	5	CRS-V CRS SAND,V MUDDY SILTY + GRAVELLY MAX PEBBLE SIZE 2CM
110	3329	VAN VEEN GRAB	5	GRAVEL UP TO 4CM DIAMETER
110	3330	VAN VEEN GRAB	5	GRAY GREEN SAND-SILT-CLAY PEBSUP TO 3CM PROBABLY SOUPY MUD AT SURFACE
110	3331	VAN VEEN GRAB	5	PROBABLY ROCK OR GRAVEL
110	3332	VAN VEEN GRAB	5	SILTY GRAY GREEN STICKY MUD NO H2S ODOR
110	3333	VAN VEEN GRAB	5	SLIMY GRAY GREEN MUD W/ BLACK STREAKS SL H2S ODOR
110	3334	VAN VEEN GRAB	5	SANDY GRAY GREEN MUD NO H2S ODOR
110	3335	VAN VEEN GRAB	5	GRAY GREEN-BLACK MUD SLIMY,UNIFORM SLIGHT SEWAGE ODOR
110	3336	VAN VEEN GRAB	5	GRAVEL,COBBLES TO 6CM,TRACE OFSANDY MUD
110	3337	VAN VEEN GRAB	5	PROBABLY ROCK
110	3338	VAN VEEN GRAB	5	SLIMY GRAY GREEN MUD W/ SLIGHTSEWAGE SMELL
110	3339	VAN VEEN GRAB	5	PROBABLY ROCK
110	3340	V-V GRAB-D-L SNAPPER	99	PROBABLY ROCK
110	3341	VAN VEEN GRAB	5	GRAY GREEN SLIMY MUD SLIGHTLY SILTY STRONG H2S ODOR
110	3342	VAN VEEN GRAB	5	GRAY GREEN SLIMY MUD MOD H2S ODOR ONE ROCK FRAG 2CM LONG
110	3343	VAN VEEN GRAB	5	DK GRAY GREEN SLIMY MUD MOD H2S ODOR
110	3344	VAN VEEN GRAB	5	GRAY GREEN SILTY MUD STRONG H2S ODOR
110	3345	VAN VEEN GRAB	5	DK GRAY GREEN SLIMY MUD STRONG H2S ODOR
110	3346	VAN VEEN GRAB	5	GREENISH GRAY SILTY CLAY W/ DK GRAY STREAKS STRONG H2S ODOR
110	3347	VAN VEEN GRAB	5	GRAY GREEN SLIMY MUD MOD H2S ODOR
110	3348	VAN VEEN GRAB	5	V SLY SILTY CLAY SOUPY,HOMOGENEOUS,GREEN-DK GRAY STRONG H2S ODOR
110	3349	VAN VEEN GRAB	5	DK GRAY GREEN MUD SLIMY HOMOGENEOUS MOD-STRONG H2S ODOR
110	3350	VAN VEEN GRAB	5	CRS-MUDDY SAND GREENISH GRAY W/ DARK GRAY STREAKS NO H2S ODOR
110	3351	VAN VEEN GRAB	5	DK GRAY GREEN MUD SLIMY HOMOGENEOUS MOD H2S ODOR
110	3352	VAN VEEN GRAB	5	MUD DK GRAY GREEN W/ BRN OXIDIZED STREAKS SLIMY,MOD SEWAGE SMELL
110	3353	VAN VEEN GRAB	5	CLAY GREENISH GRAY W/ DK GRAY STREAKS V SLY SILTY MOD-STRONG H2S ODOR
110	3354	VAN VEEN GRAB	5	MUD DK GRAY GREEN MOTTLED W/ BROWNISH GREEN GRAY SLIMY MOD H2S ODOR
110	3355	VAN VEEN GRAB	5	MOTTLED GRAY CLAY V SLY SILTY MOD-STRONG H2S ODOR
110	3356	VAN VEEN GRAB	5	MD GRAY GREEN MUD SLIMY HOMOGENEOUS W/ SL H2S AND OTHER ORGANIC ODOR
110	3357	VAN VEEN GRAB	5	MD GRAY GREEN MUD SOUPY HOMOGENEOUS W/ V SL H2S ODOR
110	3358	VAN VEEN GRAB	5	DK GRAY GREEN MUD SL MOTTLING HOMOGENEOUS V SL H2S ODOR
110	3359	VAN VEEN GRAB	5	DK GRAY GREEN MUD BRN MOTTLING SLIMY HOMOGENEOUS W/ SL H2S ODOR
110	3360	VAN VEEN GRAB	5	PROBABLY ROCK
110	3361	VAN VEEN GRAB	5	DK GRAY-GREEN GRAY,V SL SILTY MOD H2S ODOR

CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	3362	VAN VEEN GRAB	5	GREEN GRAY-DK GRAY MOTTLED MUDHOMOGENEOUS V SL SILTY MOD H2S ODOR
110	3363	VAN VEEN GRAB	5	V CRS-MUDDY SAND,BROWNISH GRAYGRAVEL UP TO 4CM
110	3364	VAN VEEN GRAB	5	MOTTLED GREEN GRAY CLAY HOMOGENEOUS,SOUPY V FAINT H2S ODOR
110	3365	BOTTOM DRIFTER BUG	99	NO SAMPLE
110	3366	SALINOMETER,VANDORN BOTS	99	PRESUMABLY ROCK
110	3367	VAN VEEN GRAB	5	V SANDY-SILTY CLAY MOTTLED LT BRN-GRAY GREEN V SLY GRAVELLY NO ODOR
110	3368	VAN VEEN GRAB	5	GRAY GREEN SAND V CRS-MUDDY GRAVEL UP TO 2CM NO ODOR
110	3369	VAN VEEN GRAB	5	DK GRAY GREEN MUD W/ SL BRN MOTTLING,SOUPY,FAINT ORGANIC SMELL,NO H2S
110	3370	VAN VEEN GRAB	5	GRAY GREEN CLAY W/ GRAY MOTTLING SLY SILTY SOUPY W/ STICKY LUMPS
110	3371	VAN VEEN GRAB	5	GRAY GREEN MUD W/ SL BRN MOTTLING V SL ORGANIC ODOR
110	3372	VAN VEEN GRAB	5	V SANDY MUD W/ GRAVEL NO ODOR
110	3373	VAN VEEN GRAB	5	GRAY GREEN MUD SOMEWHAT SOUPY V SL ORGANIC ODOR
110	3374	VAN VEEN GRAB	5	DK GRAY GREEN MUD SLIMY,HOMOGENEOUS W/ SL ORGANIC ODOR
110	3375	VAN VEEN GRAB	5	GRAY GREEN MUD HOMOGENEOUS V SL ODOR
110	3376	VAN VEEN GRAB	5	GRAY GREEN MUD V SLY SILTY A FEW PEBS UP TO 2CM STRONG H2S ODOR
110	3377	BOTTOM DRIFTER BUG	99	NO SAMPLE
110	3378	VAN VEEN GRAB	5	GRAY GREEN-BROWNISH MUD V SANDY,SL ORGANIC ODOR
110	3379	VAN VEEN GRAB	5	GRAVEL,V MUDDY BRNISH GRAY GREEN PEBS UP TO 3CM NO ODOR
110	3380	VAN VEEN GRAB	5	DK GREENISH GRAY CLAY HOMOGENEOUS
110	3381	VAN VEEN GRAB	5	BRNISH GREEN GRAVELLY MUD PEBSUP TO 2CM SLY SOUPY
110	3382	VAN VEEN GRAB	5	DK GRAY GREEN MUD,SOUPY HOMOGENEOUS SL ODOR
110	3383	VAN VEEN GRAB	5	DK GRAY GREEN MUD W/ SL BRNISH MOTTLING V SOUPY SL H2S ODOR
110	3384	VAN VEEN GRAB	5	DK GRAY GREEN MUD V SOUPY-LUMPY HOMOGENEOUS SL H2S ODOR
110	3385	VAN VEEN GRAB	5	APPARENTLY ROCK
110	3386	VAN VEEN GRAB	5	GRAVELLY MUD,GRAY GREEN-BRNISHPEBS TO 2CM
110	3387	VAN VEEN GRAB	5	PROBABLY ROCK
110	3388	VAN VEEN GRAB	5	DK GRAY GREEN MUD SOUPY HOMOGENEOUS
110	3389	VAN VEEN GRAB	5	DK GRAY GREEN MUD SOUPY HOMOGENEOUS MOD H2S ODOR
110	3390	VAN VEEN GRAB	5	DK GRAY GREEN-BLACK MUD SLIMY HOMOGENEOUS MOD H2S + OTHER ORGAN ODOR
110	3391	VAN VEEN GRAB	5	DK GRAY GREEN MUD W/ SL BRN MOTTLING SOUPY MOD H2S ODOR
110	3392	CAMERA	99	
110	3393	HYDROPHONE	99	
110	3394	VAN VEEN GRAB	5	GREENISH GRAY CLAY MOD SILTY SLY SANDY HOMOGENEOUS
110	3395	V-V GRAB + D-L SNAPPER	99	GRAVEL + ROCK,MUDDY,GRAY GREEN
110	3396	V-V GRAB + D-L SNAPPER	99	PROBABLY GRAVEL OR ROCK
110	3397	VAN VEEN GRAB	5	GREEN GRAY CLAY W/ SAND + CLAYGALLS SOUPY,LOTS OF SILT
110	3398	VAN VEEN GRAB	5	GREEN GRAY CLAY MOD SILTY HOMOGENEOUS
110	3399	VAN VEEN GRAB	5	GRAVEL W/ GRANITE + SHALY PEBSROUNDED-SUBROUNDED MAX 3CM
110	3400	V-V GRAB + D-L SNAPPER	99	SMEAR OF SILTY CLAY ON D-L
110	3401	V-V GRAB + D-L SNAPPER	99	HOMOGENEOUS CLAY SLY SILTY
110	3402	VAN VEEN GRAB	5	PROBABLY GRAVEL
110	3403	VAN VEEN GRAB	5	GREEN GRAY CLAY HOMOGENEOUS SLY SILTY
110	3404	VAN VEEN GRAB	5	CRS-MD SAND SUBANGULAR-SUBROUNDED LT BRN-GRAY MANY PEBS
110	3405	VAN VEEN GRAB	5	MOD SILTY + CLAYEY SAND W/ MANY PEBS UP TO 2CM
110	3406	VAN VEEN GRAB	5	GRAVEL + PROBABLY SAND GRANITE + SHALE PEBS UP TO 2CM
110	3407	V-V GRAB + D-L SNAPPER	99	PROBABLY GRAVEL + COARSE SAND
110	3409	VAN VEEN GRAB	5	GRAVEL;SUB-ANG, GRAY TO RED, SS, GRANITE, UP TO 10 CM.
110	3410	MINIATURE VAN VEEN GRAB	6	GRAVEL AND MUD, GREEN-GRAY, SANDY
110	3411	MINIATURE VAN VEEN GRAB	6	GRAY-GREEN MUD.
110	3412	VAN VEEN GRAB	5	SANDY MUD WITH PATCHES OF BLUE CLAY
110	3413	VAN VEEN GRAB	5	GRAVELLY MUD WITH FRAGMENTS OF GLACIAL MUD-BLUE.
110	3414	VAN VEEN GRAB	5	MUD.
110	3415	MINIATURE VAN VEEN GRAB	6	GREENISH GRAY SILTY CLAY
110	3416	VAN VEEN GRAB	5	SILTY VERY FINE GRAINED SAND-GRAYISH BROWN.
110	3417	VAN VEEN GRAB	5	COARSE BRN GRAVELLY SD, MAX PEBBLE RANGE 8-16 MM, NO FINES
110	3418	VAN VEEN GRAB	5	GRAYISH GREEN PEBBLY SANDY MUD, COBBLES UP TO 70 MM, BRN THIN LAYERS.
110	3419	VAN VEEN GRAB	5	WELL SORTED CRS BRN QTZ-FE PEBBLY SD,<5% GRV UP TO 16-32 MM, NO FINES
110	3420	VAN VEEN GRAB	5	SILTY CLAY WITH BROWN SURFACE COATING.
110	3421	VAN VEEN GRAB	5	PEBBLY,GRITTY GY MUD, RIGID-S OFT, <10% GRAVEL, PEBBLES TO 8-16 MM.
110	3422	VAN VEEN GRAB	5	CLAY;BRN, SILTY, SANDY, VERY SLIGHT ODOR; RARE PEBBLES.
110	3423	VAN VEEN GRAB	5	CLAY;GRAY-GREEN, SILTY, SLIGHTLY SANDY, A FEW PEBBLES.
110	3424	VAN VEEN GRAB	5	CLAY;GRAY-GREEN, SILTY, LUMPY, VERY FEW PEBBLES, SLIGHT ODOR.
110	3425	VAN VEEN GRAB	5	SAND;GRAY-BROWN, VERY FINE-FINE, VERY SILTY AND CLAYEY.
110	3426	VAN VEEN GRAB	5	SANDY GRAVEL.
110	3427	VAN VEEN GRAB	5	GRAVEL WITH SOME SAND
110	3428	VAN VEEN GRAB	5	SAND
110	3429	VAN VEEN GRAB	5	MUDDY SAND-SANDY MUD.
110	3430	VAN VEEN GRAB	5	GRAVELLY MUD-LARGE COBBLES MIXED WITH A FINE MUD.
110	3431	VAN VEEN GRAB	5	MUD WITH SCATTERED GRAVEL, DENSE STICKY CLAY IN BOTTOM OF GRAB.
110	3432	VAN VEEN GRAB	5	STIFF GREENISH-GRAY SILTY CLAY, SOFT BROWN SURFACE CLAY.
110	3433	VAN VEEN GRAB	5	GRAYISH-GREEN SILTY CLAY, SOFT BROWNISH SURFACE LAYER.
110	3434	VAN VEEN GRAB	5	COARSE BROWN QTZ-FELDSPATHIC SAND, MODERATE TO WELL SORTED.
110	3435	VAN VEEN GRAB	5	GRAVELLY SAND-SILT-CLAY, PEBBLES TO 60 MM, THIN BRN SUR LAYER.
110	3436	VAN VEEN GRAB	5	A FEW GRAVEL FRAGMENTS UP TO 60 MM, SOME GREEN MUDSTONE FRAGMENTS.
110	3437	VAN VEEN GRAB	5	GRAVEL-1 CLAST 100 MM.
110	3438	VAN VEEN GRAB	5	A FEW GRAVEL FRAG-UP TO 100 MM, ONE TABULAR GLAUCONITIC FRAG(Q).
110	3439	VAN VEEN GRAB	5	CLAY;GREEN-BRN, SLIGHTLY SILTY, RARE PEB, VERY STICKY, NO ODOR.
110	3440	VAN VEEN GRAB	5	CLAY;BRN, SILTY, SANDY, ABUN GRAVEL AND COB UP TO 15 CM(WELL RDD).
110	3441	VAN VEEN GRAB	5	CLAY;BRN, HOMOGENEOUS, SLIGHTLY SANDY, MOD SILTY, SLIGHT ODOR.
110	3442	VAN VEEN GRAB	5	CLAY;BRN, SLIGHTLY SILTY, RARE PEBBLES(SUB-ANG TO 2 CM), NO ODOR.
110	3443	VAN VEEN GRAB	5	CLAY;SLIGHTLY SILTY, HOMOGENEOUS, BROWN, NO ODOR.
110	3444	VAN VEEN GRAB	5	CLAY;GREEN-BROWN, HOMOGENEOUS, SLIGHLY SILTY, STICKY, NO ODOR.
110	3445	VAN VEEN GRAB	5	GVL + SD;GRY-BRN, CRS-V CRS SD, SMALL AMT SLT + CL, COBBLES TO 12 CM.
110	3446	VAN VEEN GRAB	5	GRAVEL AND COBBLES(WELL ROUNDED), PROBABLE BEDROCK(Q).
110	3447	VAN VEEN GRAB	5	GRAVEL AND COBBLES WITH SOME TRACES OF SAND.
110	3448	VAN VEEN GRAB	5	VERY MUDDY SAND WITH A FEW PEBBLES.
110	3449	VAN VEEN GRAB	5	FIVE LARGE ROCKS-HEAVILY ENCRUSTED, OBVIOUSLY A VERY COBBLY AREA.
110	3450	VAN VEEN GRAB	5	MUDDY SAND WITH SHELL FRAGMENTS.
110	3451	VAN VEEN GRAB	5	SLIGHTLY SANDY MUD
110	3452	VAN VEEN GRAB	5	MUD-TOP FEW CM GOOEY; THE BOTTOM IS VERY COMPACT.

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110	3453	VAN VEEN GRAB	5	MUD
110	3454	VAN VEEN GRAB	5	GN-GY SLT CLAY, BRN SLIGHTLY SDY SUR LAYER, TWO ANGULAR PEBBLES-16 MM
110	3455	VAN VEEN GRAB	5	NO RECOVERY-ROCKY(Q)
110	3456	VAN VEEN GRAB	5	SILTY CLAY-GREENISH GRAY, SOFT BRN SURFACE LAYER, SLIGHTLY GRITTY.
110	3457	VAN VEEN GRAB	5	SILTY CLAY GRAYISH GREEN, SOFT BRN SURFACE LAYER, NO ODOR.
110	3458	VAN VEEN GRAB	5	CLAY;BRN, HOMOGEN., MOD. SANDY AND SILTY, SUB ANGULAR PEBBLE, NO ODOR.
110	3459	VAN VEEN GRAB	5	NO RECOVERY-PROBABLE BEDROCK
110	3460	VAN VEEN GRAB	5	GRAYISH-GREEN MUDDY SAND
110	3461	VAN VEEN GRAB	5	GRAVEL;MULTICOLORED, SOME SAND UP TO 4 CM.
110	3462	VAN VEEN GRAB	5	SAND;GRY-BRN, FINE TO VERY FINE, SLIGHTLY SILTY AND CLAYEY
110	3463	VAN VEEN GRAB	5	NO RECOVERY-PROBABLE BEDROCK
110	3464	VAN VEEN GRAB	5	GRAVEL;VERY MUDDY(GRAY-GREEN), UP TO 10 CM DIA., REDDISH TO SUB RED.
110	3465	VAN VEEN GRAB	5	MUDDY GRAVELLY SAND.
110	3466	VAN VEEN GRAB	5	MUD
110	3467	VAN VEEN GRAB	5	MUD
110	3468	VAN VEEN GRAB	5	MUD
110	3469	VAN VEEN GRAB	5	MUD WITH A FEW COBBLES
110	3470	VAN VEEN GRAB	5	MUD
110	3471	MINIATURE VAN VEEN GRAB	6	SILTY CLAY;GREENISH GRAY, SOFT
110	3472	MINIATURE VAN VEEN GRAB	6	SILTY CLAY;GRAYISH BROWN
110	3473	DIETZ-LAFOND SNAPPER	7	SILTY CLAY EITH FRAGMENT OF A PALE GREEN SILTSTONE-TO 3 CM.
110	3474	DIETZ-LAFOND SNAPPER	7	SCATTERED PEBBLES
110	3475	DIETZ-LAFOND SNAPPER	7	GRAVEL AND SAND;GREEN-GRAY, SILTY, SLIGHTLY CLAYEY, MOST GRAVEL <1CM
110	3476	M-VV GRAB + D-LF SNAPPER	67	NO RECOVERY-PROBABLE BEDROCK
110	3477	M-VV GRAB + D-LF SNAPPER	67	NO RECOVERY-PROBABLE BEDROCK
110	3478	M-VV GRAB + D-LF SNAPPER	67	GRAVEL, COBBLES, SAND;MUDDY, PROBABLY BEDROCK.
110	3479	M-VV GRAB + D-LF SNAPPER	67	SAND;GREEN-GRAY, MED. TO FINE GRAINED, SILTY AND CLAYEY, NO ODOR.
110	3480	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABLE BEDROCK
110	3481	M-VV GRAB + D-LF SNAPPER	67	ONE PEBBLE-2CM PROBABLY GRAVEL
110	3482	M-VV GRAB + D-LF SNAPPER	67	NO RECOVERY-PROBABLE BEDROCK.
110	3483	MINIATURE VAN VEEN GRAB	6	SEVERAL ROCKS WITH A FEW PIECES OF GRAVEL.
110	3484	MINIATURE VAN VEEN GRAB	6	GRAVELLY MUDDY SAND
110	3485	MINIATURE VAN VEEN GRAB	6	SILTY CLAY
110	3486	DIETZ-LAFOND SNAPPER	7	MUD
110	3487	DIETZ-LAFOND SNAPPER	7	SILTY CLAY;GRAYISH-GREEN, BROWNISH SURFACE LAYER, SOME GRAINS OF SAND
110	3488	DIETZ-LAFOND SNAPPER	7	CLAY, ALMOST NO SILT, SOFT WITH SOME BLACK STREAKS.
110	3489	DIETZ-LAFOND SNAPPER	7	CLAY;GREENISH-GRAY TO BROWN, SOFT, SLIGHTLY SILTY
110	3490	DIETZ-LAFOND SNAPPER	7	SAND-SILT-CLAY, GRAVELLY MUD, GRN-GRY TO BRN, PEBBLES UP TO 20MM.
110	3491	DIETZ-LAFOND SNAPPER	7	SANDY PEBBLY SILT;GREENISH-GRAY, <10% GRAVEL.
110	3492	DIETZ-LAFOND SNAPPER	7	SILTY CLAY;GREENISH-GRAY, SOFT,SLIGHTLY SANDY.
110	3493	DIETZ-LAFOND SNAPPER	7	SILTY FINE-GRAINED SAND, SLIGHTLY PEBBLY.
110	3494	DIETZ-LAFOND SNAPPER	7	SANDY SILT;GREENISH-GRAY, MOTTLED WITH BROWNISH SURFACE, ONE PEBBLE.
110	3495	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABLE BEDROCK
110	3496	M-VV GRAB + D-LF SNAPPER	67	SAND;LIGHT-MED. GRAY, FINE-MED. GRAIN, HOMOGENEOUS, CLEAN.
110	3497	DIETZ-LAFOND SNAPPER	7	SAND;GRAY-BROWN, FINE GRAINED, HOMOGENEOUS, CLEAN.
110	3498	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABLE BEDROCK
110	3499	DIETZ-LAFOND SNAPPER	7	SILTY FINE-GRAINED SAND WITH A FEW SMALL PEBBLES.
110	3500	DIETZ-LAFOND SNAPPER	7	SANDY SILT WITH PEBBLES
110	3501	DIETZ-LAFOND SNAPPER	7	SANDY MUD
110	3502	DIETZ-LAFOND SNAPPER	7	SILTY CLAY
110	3503	DIETZ-LAFOND SNAPPER	7	SANDY MUD
110	3504	DIETZ-LAFOND SNAPPER	7	SILTY CLAY
110	3505	DIETZ-LAFOND SNAPPER	7	ONE ROCK-PROBABLE ROCKY BOTTOM
110	3506	DIETZ-LAFOND SNAPPER	7	MUD;SLIGHTLY SANDY
110	3507	DIETZ-LAFOND SNAPPER	7	MUDDY SAND WITH SOME GRAVEL.
110	3508	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABLE BEDROCK.
110	3509	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL
110	3510	DIETZ-LAFOND SNAPPER	7	A FEW FRAGMENTS OF GRAVEL
110	3511	DIETZ-LAFOND SNAPPER	7	SILTY CLAY WITH SCATTERED PEBBLES, SOME SAND.
110	3512	DIETZ-LAFOND SNAPPER	7	SILTY SAND WITH PEBBLES
110	3513	DIETZ-LAFOND SNAPPER	7	ONE SMALL PEBBLE-PROBABLE BEDROCK.
110	3514	DIETZ-LAFOND SNAPPER	7	MUDDY SANDY GRAVEL; UP TO 16MM CLASTS.
110	3515	DIETZ-LAFOND SNAPPER	7	GRAVEL WITH A GREENISH-GRAY SILTY SANDY MATRIX, CLAST TO 70MM.
110	3516	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABLE BEDROCK.
110	3517	DIETZ-LAFOND SNAPPER	7	GRAVEL AND COBBLES; UP TO 6CM
110	3518	DIETZ-LAFOND SNAPPER	7	CLAY;GREENISH-GRAY, SILTY, SLIGHTLY SANDY, HOMOGENEOUS, NO ODOR.
110	3519	DIETZ-LAFOND SNAPPER	7	GRAVEL AND COBBLES; UP TO 5CM, SOME SAND AND MUD.
110	3520	DIETZ-LAFOND SNAPPER	7	NO RECOVERY-PROBABE BEDROCK
110	3521	DIETZ-LAFOND SNAPPER	7	SAND;GREENISH-GRAY TO DARK-GRAY, FISHY ODOR.
110	3522	DIETZ-LAFOND SNAPPER	7	SAND;GREENISH-GRAY TO DARK-GRAY, SLIGHT FISHY ODOR.
110	3523	DIETZ-LAFOND SNAPPER	7	SANDY MUD WITH SOME GRAVEL, BLACK IN COLOR.
110	3524	DIETZ-LAFOND SNAPPER	7	MUDDY SANDY GRAVEL
110	3525	DIETZ-LAFOND SNAPPER	7	SLIGHTLY GRITTY MUD
110	3526	DIETZ-LAFOND SNAPPER	7	GRAY MUD-STRONG H2S ODOR
110	3527	DIETZ-LAFOND SNAPPER	7	GRAY SILTY CLAY-H2S ODOR
110	3528	DIETZ-LAFOND SNAPPER	7	GRITTY MUD-VERY SLIGHT H2S ODOR
110	3529	DIETZ-LAFOND SNAPPER	7	SILTY CLAY-H2S ODOR RATHER STRONG.
110	3530	DIETZ-LAFOND SNAPPER	7	MUD;DARK-GRAY, SILTY CLAY, NO ODOR.
110	3531	DIETZ-LAFOND SNAPPER	7	SILTY PEBBLY SAND;GREENISH-GRAY, PEBBLES UP TO 40MM
110	3532	DIETZ-LAFOND SNAPPER	7	A FEW XLN(ANGULAR) ROCK FRAGMENTS.
110	3533	DIETZ-LAFOND SNAPPER	7	ROCK FRAGMENTS-SLATY, SCHISTOSE.
110	3534	DIETZ-LAFOND SNAPPER	7	SILTY SAND;PLASTIC, SLIGHT H2SODOR.
110	3535	DIETZ-LAFOND SNAPPER	7	SANDY SILT;GREENISH GRAY, SOFT
110	3536	GRAVITY CORER	20	GREEN-GRAY CLAY
110	3537	M-VV GRAB + GRAVITY CORE	7	TACKY MUD(SILTY CLAY)
110	3538	GRAVITY CORER	20	BROWN MUD AND GLACIAL BLUE CLAY.
110	3539	GRAVITY CORER	20	BROWN AND BLUE MUD
110	3540	GRAVITY CORER	20	SILTY GREENISH-GRAY CLAY
110	3541	DIETZ-LAFOND SNAPPER	7	COARSE GRAINED TAN GRAVEL, WELL ROUNDED WITH SOME SAND.
110	3542	M-VV GRAB + GRAVITY CORE	7	CLAY;MOTTLED GRAY-GREEN TO BROWN, HOMOGENEOUS TEXTURE, STICKY, NO ODOR

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CODE #	STATION #	EQUIPMENT USED	EQUIPMENT CODE	LITHOLOGY
110	3543	DIETZ-LAFOND SNAPPER	7	CLAY;GREENISH GRAY WITH LUMPS OF CLAY GALLS, SLIGHTLY STICKY, NO ODOR
110	3544	DIETZ-LAFOND SNAPPER	7	WELL ROUNDED GRAVEL
110	3545	DIETZ-LAFOND SNAPPER	7	TWO PEBBLES-PROBABLE GRAVELLY BOTTOM
110	3546	DIETZ-LAFOND SNAPPER	7	MEDIUM GRAINED SAND-IRON STAINED.
110	3547	DIETZ-LAFOND SNAPPER	7	SANDY MUD
110	3548	DIETZ-LAFOND SNAPPER	7	GREENISH CLAY, SOFT, BROWNISH SURFACE LAYER.
110	3549	DIETZ-LAFOND SNAPPER	7	SAND-SILT-CLAY WITH SCATTERED FINE GRAVEL, NO ODOR.
110	3550	DIETZ-LAFOND SNAPPER	7	MEDIUM GRAINED BROWN SAND
110	3551	DIETZ-LAFOND SNAPPER	7	CLAY;GREENISH-GRAY, SLIGHTLY SILTY WITH CLAY GRAVEL, NO ODOR.
110	3552	DIETZ-LAFOND SNAPPER	7	WELL ROUNDED GRAVEL TO 5CM IN DIAMETER, VERY SANDY AND MUDDY.
110	3553	DIETZ-LAFOND SNAPPER	7	WELL ROUNDED GRAVEL UP TO 3CM WITH BRN CRS GRAINED SAND, FISHY SMELL.
110	3554	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL
110	3555	DIETZ-LAFOND SNAPPER	7	MEDIUM GRAINED SAND
110	3556	DIETZ-LAFOND SNAPPER	7	SAND AND GRAVEL
110	3557	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL; SLIGHT MUDDY MATRIX, CLASTS TO 32MM.
110	3558	DIETZ-LAFOND SNAPPER	7	MEDIUM TO COARSE GRAINED BROWN SAND.
110	3559	DIETZ-LAFOND SNAPPER	7	MEDIUM TO COARSE GRAINED BROWN SAND GRANULES, MODERATELY SORTED.
110	3560	DIETZ-LAFOND SNAPPER	7	SANDY GRAVEL, SLIGHTLY SILTY.
110	3561	DIETZ-LAFOND SNAPPER	7	FINE GRAINED GRAYISH-BROWN SAND, SLIGHTLY SILTY.
110	3562	DIETZ-LAFOND SNAPPER	7	TAN COLORED CRS TO VERY CRS GRAINED, SAND WITH GRAVEL(<3CM)
110	3563	MINIATURE VAN VEEN GRAB	6	MUD;BLACK, HOMOGENEOUS, MODERATELY STRONG H2S ODOR.
110	3564	MINIATURE VAN VEEN GRAB	6	SAND;DARK GRAY, MUDDY
110	3565	MINIATURE VAN VEEN GRAB	6	NO SAMPLE RECOVERED-JUST SHELLS.
110	3566	MINIATURE VAN VEEN GRAB	6	MUD;DARK GRAY, SILTY, SANDY, SLIGHT ODOR OF H2S.
110	3567	MINIATURE VAN VEEN GRAB	6	SAND;DARK GRAY, MUDDY.
110	3568	MINIATURE VAN VEEN GRAB	6	MUD;DARK GRAY TO BLACK, GRAVELLY(CLAY GALLS), SILTY, MOD. H2S ODOR
110	3569	MINIATURE VAN VEEN GRAB	6	BLACK MUD, SLIGHT H2S ODOR
110	3570	MINIATURE VAN VEEN GRAB	6	BLACK MUD, SLIGHT H2S ODOR
110	3571	MINIATURE VAN VEEN GRAB	6	MUD;GRAYISH-GREEN, VERY SANDY, NO ODOR
110	3572	MINIATURE VAN VEEN GRAB	6	MUDDY SAND;GREEN-GRAY, SOME PEBBLES AND COBBLES, NO ODOR.
110	3573	MINIATURE VAN VEEN GRAB	6	GRAVEL;TO 4CM IN DIAMETER, WELL ROUNDED.
110	3574	MINIATURE VAN VEEN GRAB	6	MUD;GREENISH-GRAY, MOTTLED, SLIGHT H2S ODOR.
110	3575	MINIATURE VAN VEEN GRAB	6	SAND AND GRAVEL;GRN-GRY, MED-VERY CRS SAND-MUDDY, GRAVEL UP TO 4CM.
110	3576	MINIATURE VAN VEEN GRAB	6	SAND;FINE-MED GRAIN, GRAY-GREEN, HOMOGENEOUS, SILTY AND MUDDY.
110	3577	MINIATURE VAN VEEN GRAB	6	GRAVEL;REDDISH, UP TO 15CM, IRONSTONE(Q), PIECES OF METAL, BEDROCK(Q)
110	3578	MINIATURE VAN VEEN GRAB	6	MUD
110	3579	MINIATURE VAN VEEN GRAB	6	SAND;GRN-GRY, VERY FINE-FINE GRAINED, HOMOG, MOD SILTY, FISHY ODOR.
110	3580	MINIATURE VAN VEEN GRAB	6	SAND;GRY-GRY, VERY FINE-FINE GRAINED, HOMOG, SLI CLAYEY, MOD SILTY.
110	3581	MINIATURE VAN VEEN GRAB	6	GRAVEL;WELL ROUNDED, UP TO 5CM, BUT AVERAGE 1-2CM DIAMETER.
110	3582	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK OR BOULDERS.
110	3583	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK
110	3584	MINIATURE VAN VEEN GRAB	6	COARSE SANDY GRAVEL, FEW COBBLES WELL ROUNDED
110	3585			NO SAMPLE TAKEN
110	3586	MINIATURE VAN VEEN GRAB	6	FINE MUDDY SAND, NO H2S ODOR
110	3587	MINIATURE VAN VEEN GRAB	6	MUDDY SANDY GRAVEL
110	3588	MINIATURE VAN VEEN GRAB	6	SANDY MUD
110	3589	MINIATURE VAN VEEN GRAB	6	GRAVEL;ROUNDED-SUB-ANGULAR, POORLY SORTED, FN-CRS, VERY MUDDY.
110	3590	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK
110	3591	MINIATURE VAN VEEN GRAB	6	GRAVEL AND COBBLES;WELL ROUNDED, UP TO 80MM DIA.
110	3592			NO SAMPLE TAKEN
110	3593			NO SAMPLE TAKEN
110	3594			NO SAMPLE TAKEN
110	3595	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK
110	3605			NO SAMPLE TAKEN
110	3606	MINIATURE VAN VEEN GRAB	6	PEBBLES AND COBBLES, SMALL AMT. OF COARSE SAND.
110	3607	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK
110	3608	MINIATURE VAN VEEN GRAB	6	SANDY SILTY CLAY, GRAY-BLACK, SLIGHT H2S ODOR.
110	3609	MINIATURE VAN VEEN GRAB	6	MUD; DARK GRAY, SILTY
110	3610	MINIATURE VAN VEEN GRAB	6	GREENISH GRAY SANDY SILT, MUCKY.
110	3611	MINIATURE VAN VEEN GRAB	6	GRAVEL;COBBLES AND PEBBLES WITH SMALL AMT. OF MED. TO CRS SAND
110	3612			NO SAMPLE TAKEN
110	3613	MINIATURE VAN VEEN GRAB	6	MEDIUM TO COARSE GRAIN CLEAN SAND
110	3614			NO SAMPLE TAKEN
110	3615			NO SAMPLE TAKEN
110	3616	MINIATURE VAN VEEN GRAB	6	DARK GRAY SANDY SILT
110	3617	MINIATURE VAN VEEN GRAB	6	GRAY TO DARK GRAY SILTY CLAY, NO H2S DETECTABLE.
110	3618			NO SAMPLE TAKEN
110	3619			NO SAMPLE TAKEN
110	3620			NO SAMPLE TAKEN
110	3621			NO SAMPLE TAKEN
110	3622	MINIATURE VAN VEEN GRAB	6	NO DESCRIPTION
110	3623			NO SAMPLE TAKEN
110	3624	MINIATURE VAN VEEN GRAB	6	NO RECOVERY-PROBABLE BEDROCK
110	3625	MINIATURE VAN VEEN GRAB	6	NO DESCRIPTION
110	3626	MINIATURE VAN VEEN GRAB	6	GRAVELLY SAND; COARSE SAND, PEBBLES TO COBBLES.
110	3627	MINIATURE VAN VEEN GRAB	6	COARSE CLEAN SAND
110	3628	MINIATURE VAN VEEN GRAB	6	NO DESCRIPTION
110	3629	MINIATURE VAN VEEN GRAB	6	SANDY FINE-GRAINED GRAVEL OR GRAVELLY SAND(COARSE).
110	3630	MINIATURE VAN VEEN GRAB	6	COARSE BROWN SAND

Code Line 120 Biological description

Code line 120 contains the shipboard description of the biological material observed in the sample.

Explanation of headings

CODE # — Indicates that the line contains the type of data characterized by code 120.

STATION # — As described under code 100 above.

NO. OF DROPS — Number of times the equipment was lowered to make a composite sample.

VOL — Volume in liters of total sample obtained from the drops made. A minus sign following a 1 indicates that less than 1 liter was collected.

% PROCESSED — Amount in percent of the total sample used in sieving through a 1 mm sieve to obtain sample for biologic analyses.

BIOLOGY — Word description of biological material in sample (See page 467 for list of abbreviations used).

Positions of data within tape records

Code Line	Data	Character Position	Fortran Mode	No. of Characters
120	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Number of drops	21	I	1
	Sample volume	23-25	I	3
	Signal for less than 1 liter	26	A	1
	Percent processed	29-31	I	3
	Biology	34-119	A	86

CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	A002	1	25		.
120	A003	1	11	100	.
120	A012	1	24	100	SAND DOLLARS
120	A015	1	24	100	.
120	A016	1	24	100	.
120	A020	1		100	.
120	A023	1	10	100	.
120	A026	1	25	100	.
120	A028	2	17	100	.
120	A036	1	17	100	.
120	A037A				.
120	A038	1	75	70	.
120	A040	2			.
120	A041	1		100	.
120	A042	1	12	100	.
120	A044	1	25	100	.
120	A045	1	25	100	.
120	A046	1	25	100	.
120	A047	1	17	50	.
120	A048	1	17	100	.
120	A052	1	17	100	.
120	A055	1	25	100	.
120	B003	2	5		
120	B005	3			.
120	D003				.
120	D007				.
120	D009				.
120	E001	1	64		.
120	E002	1	65		.
120	E003	1	112		.
120	E004	1	64		.
120	E005	1	57		LOTS OF ANIMALS
120	E006	1			.
120	E007	1			.
120	E008	1	43		.
120	E009	1	70		.
120	E010	1	134		.
120	E011	1	90		.
120	E012	1	146		.
120	E013	1	51		.
120	E014	1	55		.
120	E015	1	61		.
120	E016	1			.
120	E017	1	32		.
120	E018	1			MANY WORMS IN CLAY, CORAL ON TOP
120	E019	1	41		.
120	H001				.
120	H002				.
120	H003				.
120	H004				.
120	H005				.
120	H006				.
120	H007				.
120	H008				.
120	H009				.
120	H010				.
120	H011				.
120	H012				.
120	H013				.
120	H014				.
120	H015				.
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120	H017				.
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120	H020				.
120	H021				.
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120	H028				.
120	H029				.
120	H030				.
120	H031				.
120	H032				.
120	H033				.
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120	H035				.
120	H036				.
120	H037				.
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120	H039				.
120	H040				.
120	H041				.
120	H042				.
120	H043				.
120	H044				.

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CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	H045				
120	H046				
120	H047				
120	H048				
120	H049				
120	H050				
120	H051				
120	H052				
120	H053				
120	H054				
120	H055				
120	H056				
120	H057				
120	H058				
120	H059				
120	H060				
120	H061				
120	H062				
120	H063				
120	H064				
120	H065				
120	H066				
120	H077				
120	H088				
120	H089				
120	H090				
120	H091				
120	H092				
120	H093				
120	H094				
120	H095				
120	H096				
120	H097				
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120	H099				
120	H100				
120	H101				
120	H102				
120	H103				
120	H104				
120	H105				
120	H106				
120	H107				
120	H108				
120	H109				
120	H110				
120	H111				
120	H112				
120	H113				
120	H114				
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120	H118				
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120	H121				
120	H122				
120	H123				
120	H124				
120	H125				
120	H126				
120	H127				
120	H128				
120	H129				
120	H130				
120	H131				
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120	H135				
120	H136				
120	H137				
120	H138				
120	H139				
120	H140				
120	H141				
120	H142				
120	H143				
120	H144				
120	H145				
120	H146				
120	H147 A				
120	H147 B				
120	H147 C				
120	H147 D				
120	H148				
120	H149				
120	H150				
120	H151				

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	H152			•	
120	H153			•	
120	H154			•	
120	H155			•	
120	H156			•	
120	H157			•	
120	H158			•	
120	L001			•	
120	L002			•	
120	L003			•	
120	L004			•	
120	L005			•	
120	L006			•	
120	L007			•	
120	L008			•	
120	L009			•	
120	L010			•	
120	L011			•	
120	L012			•	
120	L013			•	
120	L014			•	
120	L015			•	
120	L016			•	
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120	L027			•	
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120	L075			•	
120	L076			•	
120	L077			•	
120	L078			•	
120	L079			•	
120	L080			•	
120	L081			•	
120	L082			•	
120	L083			•	

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	L084				•
120	L085				•
120	L086				•
120	L087				•
120	L088				•
120	L089				•
120	L090				•
120	L091				•
120	L092				•
120	L093				•
120	L094				•
120	L095				•
120	L096				•
120	L097				•
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120	L099				•
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120	L146				•
120	L147				•
120	L148				•
120	L149				•
120	L150				•
120	L151				•
120	L152				•
120	M001A	1	15	100	•
120	M002B	1	1•	100	•
120	M003A	1	13	100	•
120	M005A	1	1•	100	•
120	M006A	1	9	100	•
120	M007A	1	15	100	•
120	M008A	1	15	100	•
120	M009A	1	1•	100	•
120	M010A	1	15	100	•
120	M011A	1	13	100	•
120	M012A	1	3	100	•
120	M013A	1	1•	100	•
120	M014B	1	1•	100	•
120	M016A	1	3	100	•
120	M017A	1	1•	100	•
120	M019A	1	1•	100	•
120	M019B	1	1•	100	•
120	M020A	1	3	100	•
120	M021B	1	1•	100	•
120	M022A	1	1•	100	•
120	M023A	1	10	100	•

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BIOLOGY

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	
120	M111A	1	15	100	•
120	M112A	1	1•	100	•
120	M113A	1	15	100	•
120	M114A	1	17	100	•
120	M115A	1	8	100	•
120	M116A	4	1•	100	•
120	M117A	1	1•	100	•
120	M118A	1	1•	100	•
120	M119A	1	1•	100	•
120	M120A	1	1•	100	•
120	M121A	1	1•	100	•
120	N002A	1	1•	100	•
120	N003A	1	1•	100	•
120	N004A	1	1•	100	•
120	N005A	1	1•	100	•
120	N006A	1	1•	100	•
120	N007A	1	1•	100	•
120	N008A	1	1•	100	•
120	N009A	1	1•	100	•
120	N010A	1	1•	100	•
120	N011A	1	1•	100	•
120	N012A	1	1•	100	•
120	N013A	1	1•	100	•
120	N014A	1	1•	100	•
120	N015A	1	1•	100	•
120	N016A	1	1•	100	•
120	N017A	1	1•	100	•
120	N018A	1	1•	100	•
120	N019A	1	1•	100	•
120	N020A	1	1•	100	•
120	N021A	1	1•	100	•
120	N022A	1	1•	100	•
120	N023A	1	1•	100	•
120	N024A	1	1•	100	•
120	N025A	1	1•	100	•
120	N026A	1	1•	100	•
120	N027A	1	1•	100	•
120	N028A	1	1•	100	•
120	N029A	1	1•	100	•
120	N030A	1	1•	100	•
120	N031A	1	1•	100	•
120	N032A	1	1•	100	•
120	N033A	1	1•	100	•
120	N034A	1	1•	100	•
120	N035A	1	1•	100	•
120	N036A	1	1•	100	•
120	N037A	1	1•	100	•
120	N038A	1	1•	100	•
120	N039A	1	1•	100	•
120	N040A	1	1•	100	•
120	N041A	1	1•	100	•
120	N042A	1	1•	100	•
120	N043A	1	1•	100	•
120	N044A	1	1•	100	•
120	N045A	1	1•	100	•
120	N046A	1	1•	100	•
120	N047A	1	1•	100	•
120	N048A	1	1•	100	•
120	N049A	1	1•	100	•
120	N050A	1	1•	100	•
120	N051A	1	1•	100	•
120	N052A	1	1•	100	•
120	N053A	1	1•	100	•
120	N054A	1	1•	100	•
120	N055A	1	1•	100	•
120	N056A	1	1•	100	•
120	N057A	1	1•	100	•
120	N058A	1	1•	100	•
120	N059A	1	1•	100	•
120	N060A	1	1•	100	•
120	N061	1	13	100	•
120	N062	1	9	100	•
120	N063	1	5	100	•
120	N064A	1	1•	100	•
120	N065A	1	1•	100	•
120	N066A	1	1•	100	•
120	N067A	1	1•	100	•
120	N103	1	1•	100	•
120	N106	1	1•	100	•
120	N110	1	1•	100	•
120	N128	1	1•	100	•
120	N130	1	1•	100	•
120	N133	1	1•	100	•
120	N140	1	1•	100	•
120	N145	1	1•	100	•
120	N148	1	1•	100	•
120	N151	1	1•	100	•
120	N153	1	1•	100	•
120	N164	1	1•	100	•
120	P001				•

M66 6 5002

CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	M024A	1	1-	100	-
120	M024B	1	1-	100	-
120	M025A	1	13	100	-
120	M026A	1	9	100	-
120	M027A	1	9	100	-
120	M028A	1	16	100	-
120	M029A	1	14	100	-
120	M030A	1	15	100	-
120	M031A	1	1-	100	-
120	M031B	1	1-	100	-
120	M032A	1	13	100	-
120	M033A	1	5	100	-
120	M034B	1	1-	100	-
120	M035A	1	1-	100	-
120	M036A	1	1-	100	-
120	M037A	1	14	100	-
120	M038A	1	3	100	-
120	M039A	1	14	100	-
120	M040A	1	12	100	-
120	M041A	2	3	100	-
120	M042A	1	1-	100	-
120	M043A	1	2	100	-
120	M044A	1	8	100	-
120	M045A	1	4	100	-
120	M046A	1	1-	100	-
120	M047A	2	3	100	-
120	M048A	1	4	100	-
120	M049A	1	1-	100	-
120	M050A	3	1-	100	-
120	M051C	1	1-	100	-
120	M052B	1	1-	100	-
120	M053A	1	8	100	-
120	M054A	1	8	100	-
120	M055A	1	13	100	-
120	M056A	1	14	100	-
120	M057A	1	14	100	-
120	M058A	1	1-	100	-
120	M059A	1	16	100	-
120	M060A	1	3	100	-
120	M061A	1	3	100	-
120	M062A	1	2	100	-
120	M063A	1	5	100	-
120	M064A	1	16	100	-
120	M065A	1	15	100	-
120	M066A	1	16	100	-
120	M067A	1	7	100	-
120	M068A	1	1-	100	-
120	M069A	1	3	100	-
120	M070A	1	1-	100	-
120	M071A	2	2	100	-
120	M072A	1	12	100	-
120	M073A	1	4	100	-
120	M074A	1	5	100	-
120	M075A	1	3	100	-
120	M076A	2	1-	100	-
120	M077A	1	1-	100	-
120	M078A	2	1-	100	-
120	M079A	1	1-	100	-
120	M080B	1	1-	100	-
120	M081A	1	7	100	-
120	M082A	1	18	100	-
120	M083A	1	14	100	-
120	M084A	1	1-	100	-
120	M085A	1	1-	100	-
120	M086A	1	16	100	-
120	M087A	1	9	100	-
120	M088A	1	16	100	-
120	M089A	1	12	100	-
120	M090A	1	6	100	-
120	M091A	1	7	100	-
120	M092A	1	16	100	-
120	M093A	1	8	100	-
120	M094A	1	2	100	-
120	M095A	1	5	100	-
120	M096A	1	1-	100	-
120	M097A	1	1-	100	-
120	M098A	1	1-	100	-
120	M099A	1	1-	100	-
120	M099C	1	1-	100	-
120	M100B	1	1-	100	-
120	M101A	2	5	100	-
120	M102A	1	4	100	-
120	M103A	1	3	100	EXCEEDINGLY RICH + VARIED BOTTOM FAUNA
120	M104A	2	39	100	-
120	M105A	1	8	100	-
120	M106A	1	1	100	-
120	M107A	1	15	100	-
120	M108A	1	14	100	-
120	M109A	3	14	100	-
120	M110A	2	16	100	-

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CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	P002				•
120	P003				•
120	P004				•
120	P005				•
120	P006				•
120	P007				•
120	P008				•
120	P009				•
120	P010				•
120	P011				•
120	P012				•
120	P013				•
120	P014				•
120	P015				•
120	P016				•
120	P017				•
120	P018				•
120	P019				•
120	P020				•
120	P021				•
120	P022				•
120	S002		2	100	•
120	S003		14	100	•
120	S005		15	50	•
120	S007		14	50	•
120	S009		5	100	•
120	S012		9	50	•
120	S014		13	15	•
120	S017		12	50	•
120	S021		11	100	•
120	S024		6	100	•
120	S026				•
120	S028		6	100	•
120	S030		2	100	•
120	S032		12	50	•
120	S034		12	50	•
120	S036		10	50	•
120	S041				•
120	S057		2	100	•
120	S059		4	100	•
120	S061			100	•
120	S072		1-	100	•
120	S074		1-	100	•
120	S078		1	100	•
120	S080		2	100	•
120	S083		1-	100	•
120	S085		4	100	•
120	S088				•
120	S094		5	100	•
120	S096		3	100	•
120	S100		1	100	•
120	S102				•
120	S108		1-	100	•
120	S110		1-	100	•
120	S112		1-	100	•
120	S114		1-	100	•
120	S116		10	40	•
120	S118				•
120	S121				•
120	S122				•
120	S124		4	100	•
120	S125		12	17	•
120	S128		11	100	•
120	S130		5	100	•
120	S136		3	100	•
120	S139		8	100	•
120	S142		7	100	•
120	S144		5	100	•
120	S146				•
120	S148		12	100	•
120	S150		2	100	•
120	S151		8	100	•
120	W001	1	1-		•
120	W003	1	12		•
120	W005	1	13		•
120	W007	1	5		•
120	W009	1	11		•
120	W011	1	15		•
120	W013	1	9		•
120	W015	1	2		•
120	W017	1	1-		•
120	W019	1	2		•
120	W020	1	3		•
120	W021	1	2		•
120	W023	1	2		•
120	W025	1	2		•
120	W027	1	3		•
120	W028	1	3		•
120	W029	1	2		•
120	W031	1	2		•

MCG06995002

CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	W033	1	2	•	
120	W034	1	2	•	
120	W036	1	2	•	
120	W038	1	3	•	
120	W039	1	3	•	
120	W043	1	1•	•	
120	W044	1	3	•	
120	W046	1	2	•	
120	W048	1	4	•	
120	W049	1	3	•	
120	W051	1	5	•	
120	W053	1	9	•	
120	W055	1	6	•	
120	W060	1	4	•	
120	W062	1	3	•	
120	W064	1	13	•	
120	W066	1	10	•	
120	W068	1	3	•	
120	W070	1	4	•	
120	W072	1	4	•	
120	W075	1	1•	•	
120	W076	1	2	•	
120	W079	1	6	•	
120	W081	1	2	•	
120	W083	1	2	•	
120	W084	1	6	•	
120	W086	1	4	•	
120	W088	1	7	•	
120	W090	1	8	•	
120	W091	1	1•	•	
120	W093	1	1•	•	
120	W095	1	3	•	
120	W097	1	4	•	
120	W099	1	1•	•	
120	W100	1	1	•	
120	W101	2	1•	•	
120	W102	1	1•	•	
120	W103	1	3	•	
120	W105	2	1•	•	
120	W107	1	7	•	
120	W110	1	5	•	
120	W111	1	1	•	
120	W112	1	1	•	
120	W114	1	4	•	
120	W116	1	4	•	
120	W118	1	1•	•	
120	W120	1	1•	•	
120	W122	1	2	•	
120	W124	1	2	•	
120	W127	1	4	•	
120	W129	1	2	•	
120	W131	1	1	•	
120	W133	1	1	•	
120	W135	1	6	•	
120	W136	1	1	•	
120	W138	1	1	•	
120	W140	1	1	•	
120	W144	1	1•	•	
120	W146	1	2	•	
120	W148	4	1•	•	
120	W150	1	4	•	
120	W152	1	1•	•	
120	W154	1	5	•	
120	W157	1	2	•	
120	W159	1	1•	•	
120	W161	1	7	•	
120	W163	1	3	•	
120	W165	1	2	•	
120	W167	1	3	•	
120	W169	1	2	•	
120	W170	1	1	•	
120	W172	2	1•	•	
120	W174	1	1•	•	
120	W176	1	3	•	
120	W178	1	3	•	
120	W180	1	4	•	
120	W181	1	4	•	
120	W182	1	3	•	
120	W184	1	2	•	
120	W186	1	2	•	
120	W188	1	5	•	
120	W190	1	5	•	
120	W191	1	1	•	
120	W195	1	1•	•	
120	W197	1	2	•	
120	W200	1	2	•	
120	W204	1	9	•	
120	W205	1	4	•	
120	W207	1	3	•	
120	W209	1	2	•	

CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	
120	W211	1	4		•
120	W213	1	6		•
120	W215	1	11		•
120	W224	1	2		•
120	W225	1	1•		•
120	W227	1	1		•
120	W229	1	1		•

BIOLOGY

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MCG06 05002

CODE #	STATION #		NO. OF DROPS	V O L	% PREC.	BIOLOGY
120	1000		1	1*	0	NO DESCRIPTION
120	1001		3	1	100	FEW MOLLUSK SHELLS, RED + WHITE ENCRUSTING CALCAREOUS SPONGES AND BRYOZOANS
120	1002		2	2	100	FEW SHELL FRAGMENTS
120	1003		3	1*	100	*
120	1004		1	28	100	WORM TUBES, PELECYPODS, STARFISH
120	1005		1	15	100	STARFISH, QUAHOGS, WORMS
120	1006		1	55	100	*
120	1007		1	10	100	WORMS, CORAL ON COBBLES, MUCH SESSIL MATERIAL
120	1008		1	10	100	WORMS, FEW WHOLE SHELLS
120	1009		1	8	100	MUCH BROKEN SHELL, FEW WORMS, COPEPODS
120	1010		1	1*	100	INSUFFICIENT SAMPLE
120	1011		1	6	100	FEW WORMS, HERMIT CRAB, CORAL
120	1012		1	15	100	HERMIT CRABS,SNAIL
120	1013		1	9	100	WHOLE AND BROKEN MYTILUS SHELLS
120	1014		1	35	50	FEW SHELLS, WORMS
120	1015		3	70	100	FEW WORMS, WOOD CHIPS IN WASH
120	1016		1	5	100	NIL
120	1017		1	5	100	WORMS AND SMALL PELECYPODS
120	1018		1	95	100	*
120	1019		2	0	100	1 SEA CUCUMBER, 3 BRACHIOPODS, 1 BRITTLE STAR
120	1020		1	10	100	STARFISH , WORMS
120	1021		1	9	100	*
120	1022		1		100	SESSILE BRACHIOPODS ON BOULDER
120	1023		1	6	100	5 LIVE QUAHOGS
120	1024		1	95	100	NOT MUCH
120	1025		1	70	100	FEW WORM TUBES, POLYCHAETES
120	1026		1	25	100	WORMS, SHELLS
120	1027		1	85	100	EEL, FEW WORMS
120	1028		2	0	0	NO SAMPLE
120	1029		1	90	100	WORMS, FEW SHELLS
120	1030		2	0	0	NO SAMPLE
120	1031		1	115	100	*
120	1032		1	65	100	*
120	1033		1	75	100	*
120	1034		2	85	100	*
120	1035	A	1	60	100	*
120	1035	B	1	60	100	*
120	1036		1	45	100	NOT MUCH
120	1037		1	70	100	NOT MUCH
120	1038		2	65	100	*
120	1039		1	90	100	1 LAMPREY EEL
120	1040		1	100	100	NONE OBSERVED
120	1041		1	15	100	WORMS
120	1042		1	105	100	NONE OBSERVED
120	1043		1	12	100	CLAMS
120	1044		1	105	100	LITTLE OBSERVED
120	1045		1	10	100	WORMS,SHELLS,1 CORAL
120	1046		1	65	100	NOTHING OBVIOUS
120	1047	A	1	90	100	FEW SHELLS
120	1047	B	1	90	100	FEW SHELLS
120	1048		1	110	100	NO BIOLOGY
120	1049		1	115	100	NO OBVIOUS LIFE
120	1050		1	65	100	*
120	1051		1	105	100	FEW WORMS
120	1052		2	10	100	*
120	1053		1	12	100	*
120	1054		1	8	100	*
120	1055		1	6	100	*
120	1056		1	35	100	*
120	1057		1	8	100	*
120	1058		1	5	100	*
120	1059		1	4	100	*
120	1060		1	10	100	*
120	1061	A	1	6	100	*
120	1061	B	1	6	100	*
120	1062		1	2	100	*
120	1063		1	1	100	*
120	1064		1	1	100	*
120	1065		1	0	0	*
120	1066		1	30	100	*
120	1067		1	85	100	*
120	1068		1	95	100	*
120	1069		1	50	100	*
120	1070		1	5	100	SHELL FRAGMENTS
120	1071		1	70	100	*
120	1072		1	9	100	FORAM SAND
120	1073		1	30	100	FORAM SAND
120	1074		2	13	100	FORAM SAND
120	1075		1	15	100	SHELL DEBRIS
120	1076		1	6	100	SHELL DEBRIS
120	1077		1	20	100	SHELL DEBRIS
120	1078	A	2	95	100	*
120	1078	B	2	95	100	*
120	1078	C	2	95	100	*
120	1079		1	4	100	FORAM SAND
120	1080		1	11	100	FORAM SHELL SAND
120	1081		1	12	100	SHELLS
120	1082		1	10	100	SHELLS
120	1083		1	70	100	SHELL FRAGMENTS
120	1084		1	60	100	SHELL FRAGMENTS

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1085	0	0	0	NO BOTTOM SAMPLE,PLANKTON TOW
120	1086	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1087	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1088	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1089	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1090	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1091	1	20	100	•
120	1092	1	21	100	•
120	1093	1	10	100	WORM TUBES
120	1094	2	8	100	•
120	1095	1	8	100	WORM TUBES
120	1096	1	8	100	•
120	1097	2	8	100	•
120	1098	1	8	100	•
120	1099	1	8	100	FEW WORMS
120	1100	1	1•	100	•
120	1101	1	10	100	•
120	1102	1	15	100	LITHOTHAMNIUM CRUST AROUND SOME PEBBLES,MYTILUS
120	1103	1	10	100	ENCRUSTING BRYOZOANS,MYTILUS,LONG BARNACLES
120	1104	1	22	100	SHELL FRAGMENTS
120	1105	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1106	1	55	100	FEW WORMS
120	1107	1	3	100	AMPHIPODS
120	1108	1	5	100	FEW SHELLS,MANY WORM TUBES,STARFISH
120	1109	1	2	100	WORM TUBES
120	1110	1	8	100	FORAMS AND WORM TUBES
120	1111	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1112	1	3	100	FEW SHELLS,1 LIVING CLAM
120	1113	1	2	100	BROKEN CLAM SHELL,SCALLOP SHELL
120	1114	1	12	100	SCAPHOPODS,WORMS,CLAM SHELL,1 STARFISH
120	1115	3	2	100	•
120	1116	1	4	100	•
120	1117	1	4	100	•
120	1118	1	5	100	STARFISH,CLAM SHELL
120	1119	1	5	100	WORMS,STARFISH,BROKEN SHELL
120	1120	1	5	100	LARGE PELECYPOD FRAGMENTS
120	1121	1	4	100	LARGE LIVE PELECY,ECHINOIDS
120	1122	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1123	1	40	100	2 CLAMS,BROKEN SHELL,WORMS
120	1124	1	25	100	SCALLOPS (DEAD),OCTOPUS,SCAPHOPOD,30 CM GELATINOUS WORM TUBE
120	1125	1	5	100	MANY LARGE PELECY SHELLS
120	1126	1	4	100	FEW LARGE SEA SCALLOPS
120	1127	1	5	100	MANY PELECY FRAGMENTS
120	1128	1	30	100	SAND DOLLARS
120	1129	1	12	100	CLAM SHELLS,SCALLOP SHELLS,STARFISH,HYDROIDS
120	1130	3	2	100	BARNACLES,BRYOZOANS,HYDROIDS
120	1131	1	2	100	PELECY,CRUSTACEA
120	1132	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1133	1	4	100	SCAPHOPODS,WORMS
120	1134	2	6	100	BRITTLE STARS,AMPHINEURA,BRYOZOAN,ECHINODERM
120	1135	1	45	100	•
120	1136	1	12	100	1 WORM TUBE
120	1137	4	1	100	1 CRAB
120	1138	3	8	100	WORMS,SCAPHOPODS,MERCENARIA,ASTARTE
120	1139	2	1•	100	1 BRITTLE STAR,ASTARTE,EGG CASES ON ROCKS
120	1140	2	4	100	•
120	1141	1	55	100	HERMIT CRAB,AMPHIPOD
120	1142	2	10	100	•
120	1143	1	4	100	SCAPHOPOD,ONE 12 CM SAND DOLLAR
120	1144	1	3	100	SCAPHOPOD,ASTARTE
120	1145	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1146	1	20	100	SCAPHOPOD,PELECYPOD FRAGS
120	1147	1	5	100	•
120	1148	1	6	100	BARNACLE,WORMS
120	1149	3	1•	100	LIVE SHRIMP,LINGULA BRACH
120	1150	2	4	100	WORMS,BRACH,BARNACLES,STARFISH,PECTEN
120	1151	3	2	100	SCAPHOPODS,SMALL PELECYPODS,SAMPLE NOT WASHED
120	1152	2	4	100	CRAB
120	1153	1	3	100	•
120	1154	1	20	100	WORM TUBES
120	1155	2	7	100	SNAILS,WORMS,BRACHS,CRAB,TUNICATES
120	1156	1	2	100	WORMS,BARNACLES
120	1157	2	3	100	PELECYPOD FRAGS
120	1158	4	25	100	PELECYPOD SHELLS,ONE 30 CM LOBSTER
120	1159	0	0	0	PLANKTON TOW,NO. BOTTOM SAMPLE
120	1160	4	4	100	PELECYPOD FRAGS,SCAPHOPODS,WORMS
120	1161	3	5	100	ENCRUSTING ORGANISMS ON ROCKS
120	1162	3	8	63	•
120	1163	2	40	100	•
120	1164	3	5	100	CLAMS,WORMS,SCAPHOPODS,GASTROPODS
120	1165	3	10	30	•
120	1166 A	1	5	100	•
120	1166 B	1	5	100	•
120	1167	1	25	100	1 5 IN DIA RED ANEMONE
120	1168	1	5	100	STARFISH
120	1169	3	16	100	BRACH,TUNICATE,BYROZOA,WORM TUBE,PELECYPOD
120	1170	1	30	100	STARFISH
120	1171	1	10	100	SHELLS,STARFISH,WORMS,2 SHRIMP,MOLLUSKS
120	1172 A	1	45	33	SHELLS AND FRAGS
120	1172 B	1	45	33	SHELLS AND FRAGS

MADE IN U.S.A.

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1173		1	60	100	LARGE SEA SCALLOP SHELLS,1 LOBSTER,BRITTLE STARS
120	1174		1	6	100	ALL SHELL HASH,FEW LIVE WORMS,AMPHIPODS,ASTARTE
120	1175		2	15	100	ENCRUSTING ANIMALS ON ROCK
120	1176		1	6	100	WORM TUBES,BRACHS,HYDROIDS
120	1177		1	40	100	SPONGES,BRACHS,STARFISH,BRITTLE STARS,WORM TUBES
120	1178		4	8	100	ASTARTE
120	1179		1	55	100	LIVE WORMS,ASTARTE,GASTROPODS
120	1180		1	70	100	BRITTLE STARS,NEREID
120	1181		1	100	100	HOLOTHURIAN,WORMS,CLAMS
120	1182		1	35	100	SHELL FRAGS,LARGE SEA SCALLOPS
120	1183		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1184		1	3	100	1 EUPHAUSIID,ASTARTE,PECTEN SHELLS
120	1185		2	25	100	CREPIDULA,CLAM,HOLOTHURIAN,WORMS
120	1186	A	2	60	100	CLAMS,CRAB,WORMS
120	1186	B	2	60	100	CLAMS,CRAB,WORMS
120	1187		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1188		1	100	100	STARFISH,HOLOTHURIAN
120	1189		3	125	100	"
120	1190		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1191		1	105	100	1 RED CRAB
120	1192	A	1	130	100	WORMS,BRITTLE STARS,BRACHS,CLAMS
120	1192	B	1	130	100	WORMS,BRITTLE STARS,BRACHS,CLAMS
120	1193	A	1	115	100	WORM
120	1193	B	1	115	100	WORM
120	1194		3	85	100	WORMS,BRITTLE STARS,GASTROPODS,CLAMS
120	1195	A	1	115	100	GASTROPODS,CLAMS,SCAPHOPODS,WORMS
120	1195	B	1	115	100	GASTROPODS,CLAMS,SCAPHOPODS,WORMS
120	1196		1	35	12	"
120	1197		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1198		2	10	100	BRITTLE STARS,SPARSE
120	1199		1	70	100	STARFISH
120	1200		2	15	100	SPONGE,WORMS,CLAM SHELLS,EGG CASE,STARFISH,POLYNICES
120	1201		3	7	100	SHRIMPS,STARFISH,WORMS
120	1202		1	105	100	HOLOTHURIANS,WORMS
120	1203		1	15	100	MANY WORMS,2 HOLOTHURIANS,STARFISH,MANY SMALL CLAMS
120	1204		2	6	100	LARGE PELECYPODS
120	1205		1	120	100	2 LARGE HOLOTHURIANS
120	1206		1	85	100	LARGE MERCENARIAS(8 TO 10 CM)
120	1207		1	6	100	PELECYPODS,SAND DOLLARS
120	1208		1	5	100	WORMS
120	1209		1	50	100	5 SAND DOLLARS, SOME WORMS
120	1210		2	1+	100	WORMS
120	1211		1	20	100	POOR
120	1212		1	15	100	"
120	1213		1	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1214	A	1	100	50	WORMS,LARGE PELECYPODS,GASTROPODS
120	1214	B	1	100	50	WORMS,LARGE PELECYPODS,GASTROPODS
120	1214	C	1	100	50	WORMS,LARGE PELECYPODS,GASTROPODS
120	1215		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1216		1	12	100	"
120	1217		1	25	100	LIVE SAND DOLLARS,SHELL FRAGMENTS
120	1218		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1219		1	15	100	LARGE PELECYPOD SHELLS,WORMS
120	1220		1	8	100	WORM,ECHINODERM
120	1221		2	30	100	WORM TUBES,CLAM SHELL
120	1222		1	60	25	"
120	1223			0	100	"
120	1224		1	45	100	STARFISH
120	1225		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1226		5	1+	100	"
120	1227		1	8	100	"
120	1228		1	5	100	BRACHIOPODS,WORMS,AMPHINEURA
120	1229		3	1+	100	BRITTLE STARS,PELECYPODS,BRACHIOPOD SHELLS
120	1230		3	15	100	"
120	1231		3	6	100	STARFISH
120	1232		1	10	100	SCAPHOPODS,ECHINOIDS,WORMS
120	1233		1	30	100	CORAL,WORMS,STARFISH,BRACHIOPODS,SHELL FRAGMENTS
120	1234		1	55	100	WORMS,BRITTLE STARS
120	1235		4	2	100	MANY ATTACHED ORGANISMS
120	1236		3	4	100	BRITTLE STARS,1 LARGE HERMIT CRAB
120	1237		1	6	100	BRYOZOAN,DISARTICULATED PELECYPOD SHELLS
120	1238		1	28	100	ECHINODERMS,WORMS(POLYCHAETES)
120	1239	A	1	28	100	"
120	1239	B	1	28	100	"
120	1240		3	6	100	BARNACLES,BRYOZOA,PELECYPODS
120	1241		3	3	100	PELECYPOD SHELL FRAGMENTS
120	1242		1	9	100	STARFISH,WORMS
120	1243		1	95	100	MUD FAUNA
120	1244		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1245		2	2	100	ENCRUSTING BRYOZOA
120	1246		2	12	100	STARFISH,ENCRUSTING BRYOZOA
120	1247			1+	100	STARFISH,ENCRUSTING BRYOZOA
120	1248		1	100	50	POLYCHAETE WORMS
120	1249		1	1+	100	"
120	1250		1	75	100	GASTROPOD,TUBES,SCAPHOPODS,BRITTLE STAR
120	1251		2	1+	100	"
120	1252		1	1+	100	"
120	1253	A	1	58	100	"
120	1253	B	1	58	100	"
120	1254		0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1255 A	1	90	100	*
120	1255 B	1	90	100	*
120	1256	1	3	100	*
120	1257	1	3	100	PELECYPOD SHELLS
120	1258	1	3	100	CLAM,CYPRINA,WORMS,SHELL
120	1259	1	5	100	CLAM,WORM
120	1260	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1261	1	8	100	OPHUIROIDS
120	1262	1	8	100	POLYCHEATES
120	1263	1	6	100	WORM
120	1264	4	8	100	*
120	1265	1	8	100	HOLOTHURIAN
120	1266	3	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1267	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1268	1	35	100	SHELL FRAGMENTS,WORMS
120	1269	2	95	100	*
120	1270 A	1	6	100	PELECYPOD SHELLS,SCALLOPS
120	1270 B	1	6	100	PELECYPOD SHELLS,SCALLOPS
120	1271	1	30	100	*
120	1272	1	45	100	SEA ANEMONE, WORMS,GASTROPODS,SCAPHOPODS,PELECYPODS
120	1273	1	12	100	CLAMS
120	1274	0	0	0	PLANKTON TOW,NO BOTTOM SAMPLE
120	1275	1	35	100	SMALL CRUSTACEANS,WORMS,SKATE EGGS,HERMIT CRAB,EUSIS
120	1276	1	4	100	CRUSTACEANS,PELECYPOD+GASTROPOD SHELLS,ECHINOIDS
120	1277	1	5	100	WORMS,CRUSTACEANS,PELECYPODS,GASTROPODS,SHELLS,ECHINOIDS
120	1278	1	8	100	SAND DOLLARS,PELECYPOD
120	1279	1	5	100	MERCENARIA
120	1280	1	4	100	CRAB,WORM,PELECYPOD SHELLS
120	1281 A	1	15	100	CLAMS,WORMS,BLOCK OF WOOD
120	1281 B	1	15	100	CLAMS,WORMS,BLOCK OF WOOD
120	1282	1	20	100	WORMS,SHELLS
120	1283	1	8	100	SAND DOLLARS,RAZOR CLAM,MERCENARIA
120	1284	1	25	100	LIVE CLAM,WORMS
120	1285	1	20	100	LARGE PECTEN
120	1286	1	30	100	SHELL FRAGMENTS,SAND DOLLARS
120	1287	1	23	100	LARGE PELECYPOD SHELL,WORMS,SAND DOLLARS
120	1288 A	1	25	100	WORMS,SEA ANEMONES
120	1288 B	1	25	100	WORMS,SEA ANEMONES
120	1289	1	2	100	WORMS AND WORM TUBES
120	1290	1	7	100	CRUSTACEANS,WORMS,FRAGS OF PELECYPODS,AND ECHINOID S
120	1291	1	25	100	*
120	1292	1	7	100	MERCENARIA
120	1293	1	6	100	PELECYPODS
120	1294	1	4	100	STARFISH,WORMS,SHELLS
120	1295	1	15	100	SHELLS,SHRIMPS
120	1296	1	3	100	WORMS,WORM TUBES,SMALL SHRIMPS,CLAMS
120	1297	1	25	100	SHELL FRAGMENTS
120	1298	1	20	100	MERCENARIA
120	1299	1	4	100	CLAMS,WORMS
120	1300	1	5	100	CLAM,WORMS
120	1301	1	5	100	WORMS,ECHINOIDS,GASTROPODS,PELECYPOD FRAGS
120	1302	1	5	100	CYCLOCARDIUM,MYTILUS
120	1303	1	12	100	SHELL FRAGS
120	1304	1	15	100	CLAMS,WORMS
120	1305	1	25	100	PELECYPOD SHELL FRAGMENTS,ONE CLAM
120	1306	1	8	100	SAND DOLLAR,PELECYPOD FRAGMENTS,SHRIMP,WORMS
120	1307	1	3	100	SHELL FRAGMENTS,SOME WORMS
120	1308	1	12	100	ASTARTE,CYCLOCARDIUM,STARFISH,WORMS
120	1309	1	9	100	PELECYPOD SHELLS,PELECYPODS
120	1310	1	7	100	SHELL FRAGS
120	1311	1	25	100	PELECYPODS,ECHINOIDS,WORMS,CRUSTACEANS
120	1312 A	1	5	100	WORMS,PELECYPOD SHELLS,SMALL SHRIMPS
120	1312 B	1	5	100	WORMS,PELECYPOD SHELLS,SMALL SHRIMPS
120	1313	1	30	100	PELECYPOD SHELLS,SAND DOLLARS,SMALL CRAB
120	1314	1	40	25	MACTRA
120	1315	3	12	100	PELECYPODS
120	1316	1	5	100	SHELL,WORMS
120	1317	1	40	50	SAND DOLLARS,SHELLS,WORMS
120	1318	1	18	100	WORMS,PELECYPODS,CRUSTACEANS
120	1319	1	10	100	WORMS,PELECYPODS,CRABS,SHRIMP,ECHINOID
120	1320	1	20	100	WORMS,PELECYPODS,SAND DOLLARS,SHRIMP
120	1321	1	3	100	SHELL FRAGMENTS
120	1322	1	8	100	SHELL FRAGMENTS
120	1323	2	40	100	SHELLS,WORMS
120	1324 A	1	20	100	CUP CORALS,CRABS,ECHINOIDS,STARFISH
120	1324 B	1	20	100	CUP CORALS,CRABS,ECHINOIDS,STARFISH
120	1325	1	3	100	SCAPHOPOD,PELECYPOD SHELLS
120	1326	1	5	100	WORM TUBES
120	1327	1	8	100	SCAPHOPODS
120	1328	1	6	100	FISH BONES
120	1329 A	1	4	100	GASTROPODS
120	1329 B	1	4	100	GASTROPODS
120	1330	1	7	100	*
120	1331	1		0	NO SAMPLE
120	1332	1	7	100	WORMS,ANEMONE
120	1333	1	7	100	WORMS
120	1334	1	7	100	ECHINOID SPINES,WORM TUBES
120	1335	1	50	100	*
120	1336	1	35	50	PELECYPOD SHELL FRAGS,WORMS
120	1337	1	8	100	PECTEN,OTHER PELECYPOD SHELLS

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1338		1	23	100	SAND EEL
120	1339		1	12	100	WORMS,SHELLS,MAHOGANY CLAMS
120	1340		1	30	100	WORMS,SHELLS,CRABS,LIVE CLAM
120	1341		1	7	100	SHELL FRAGS,SMALL SHRIMP
120	1342		1	25	100	SHELL FRAGS,SMALL SHRIMP,CLAM, SAND DOLLARS,WORMS, ANEMONE
120	1343		1	15	100	SAND DOLLARS,WORMS,CRAB
120	1344		1	11	100	MACTRA,SAND DOLLARS
120	1345		1	12	100	LIVE URCHIN,LIVE PELECYPOD,ANADARA,NASSARIUS
120	1346		1	7	100	WORMS,PELECYPOD
120	1347		1	40	25	WORMS,SHELL FRAGS
120	1348		1	5	100	ECHINOIDS,ASTEROIDS,WORMS,CRUSTACEANS,WORM TUBES,MOLLUSKS
120	1349		1	45	25	WORMS,SHELL FRAGS
120	1350		2	8	100	WORM TUBES,SAND DOLLAR,PELECYPOD SHELLS
120	1351		1	5	100	SAND DOLLAR,WORM TUBES,RAZOR CLAM SHELLS
120	1352		1	40	50	WORMS,PELECYPOD SHELLS
120	1353		1	45	50	PELECYPOD SHELLS,ECHINOIDS,CRABS,WORMS
120	1354		1	15	100	PELECYPOD SHELLS,ECHINOIDS,WORMS,SHRIMP
120	1355	A	1	8	100	WORMS,SMALL FRAGMENTS OF SHELLS
120	1355	B	1	8	100	WORMS,SMALL FRAGMENTS OF SHELLS
120	1356		1	18	100	WORMS,SHELL FRAGS
120	1357		1	55	100	WORMS,BRITTLE STAR
120	1358		1	40	100	WORMS,SEA PENS
120	1359		1	10	100	PELECYPOD SHELLS,STARFISH,WORMS,BLACK JELLY-LIKE MASSES,WORM TUBES,PELECYPODS
120	1360	A	1	6	100	PELECYPOD SHELLS,SMALL SHRIMP,WORMS
120	1360	B	1	6	100	PELECYPOD SHELLS,SMALL SHRIMP,WORMS
120	1361		1	12	100	PELECYPOD SHELLS,SMALL SHRIMP,WORMS,ECHINOIDS,BLACKJELLY LIKE MASSES,CRAB,CLAMS
120	1362		1	6	100	WORM-LIKE JELLY MASSES,SHELLS AND FRAGMENTS
120	1363		2	7	100	RAZOR CLAM SHELLS,PECTEN SHELLS
120	1364		1	22	100	PECTEN SHELLS,FEW LIVE RAZOR CLAMS
120	1365		1	30	100	WORMS,SAND TUBES,PELECYPOD FRAGS
120	1366		1	15	100	WORMS,CORAL FRAGS,PELECYPOD SHELLS
120	1367		1	35	100	WORMS
120	1368	A	1	23	100	WORMS,WORM TUBES
120	1368	B	1	23	100	WORMS,WORM TUBES
120	1369	A	1	15	100	WORMS,CRABS,PELECYPOD SHELL FRAGS
120	1369	B	1	15	100	WORMS,CRABS,PELECYPOD SHELL FRAGS
120	1370		2	0	0	NO SAMPLE
120	1371		1	30	100	WORMS,WORM TUBES
120	1372		1	12	100	CRAB,SHELL FRAGS,SMALL RED WORMS
120	1373		1	18	100	LIVE PECTEN,SHELL FRAGMENTS
120	1374		1	25	100	STARFISH,SEA MOUSE,WORMS,PELECYPOD SHELL FRAGS
120	1375		1	35	50	-
120	1376		1	11	100	SAND DOLLARS,SHELLS
120	1377		1	50	25	-
120	1378		1	30	25	CRAB,WORMS,STARFISH,SHELL FRAGMENTS
120	1379		1	30	50	SAND DOLLARS,WORMS
120	1380		1	40	50	SHELL FRAGS,LIVE WORMS
120	1381		1	35	100	SAND DOLLARS,PELECYPOD SHELLS
120	1382	A	1	17	100	SHELL FRAGS,WORMS
120	1382	B	1	17	100	SHELL FRAGS,WORMS
120	1383		1	105	100	WORMS
120	1384		1	5	100	WORMS,SHELL FRAGS
120	1385		1	10	100	WORMS
120	1386		1	6	100	SAND DOLLARS,STARFISH,PELECYPOD SHELLS,WORMS
120	1387		1	8	100	SAND DOLLARS,STARFISH,WORMS
120	1388		1	8	100	SAND DOLLARS,CRABS,WORMS,SHELL FRAGS
120	1389		1	6	100	SAND DOLLARS,GASTROPOD SHELLS,PELECYPODS,WORMS
120	1390		1	20	100	SMALL SAND DOLLARS,WORM TUBES,PELECYPOD SHELLS
120	1391		1	30	100	PELECYPOD SHELLS
120	1392		1	28	100	SAND DOLLARS,HERMIT CRAB,SHELL FRAGMENTS
120	1393		1	6	100	SAND DOLLARS,WORMS
120	1394		1	33	25	CRABS,WORMS
120	1395		1	22	100	PELECYPOD SHELLS,WORMS,RAZOR CLAMS
120	1396		1	9	100	SAND DOLLARS,WORMS,WORM TUBES,CRABS,SNAIL,MOLLUSK SHELL FRAGMENTS
120	1397		1	9	100	WORMS,SNAILS,SKATE EGG,MOLLUSK SHELL HASH
120	1398		1	18	100	SAND DOLLARS,SMALL SHRIMP,CRABS,WORMS,PELECYPODS,SHELL FRAGMENTS
120	1399		1	13	100	SAND DOLLARS,PELECYPODS
120	1400		1	8	100	CRAB,WORMS,PELECYPOD FRAGS
120	1401		1	1-	100	SEA FAN,MOLLUSKS,ECHINODERMS,ANNELIDS
120	1402		1	16	100	ECHINOIDS,CRABS,ENCRUSTING ORGANISMS ON PHOSPHORITE,BASKET STAR
120	1403		1	1-	100	-
120	1404		1	80	100	SHELLS
120	1405		1	80	100	SHELLS
120	1406		1	12	100	ECHINODERMS
120	1407		1	4	100	HERMIT CRAB
120	1408		1	5	100	AMPHIPODS,POLYCHAETES,PELECYPODS
120	1409		1	11	100	AMPHIPODS,POLYCHAETES,GASTROPODS
120	1410		2	5	100	AMPHIPODS,SAND DOLLARS
120	1411		2	9	100	AMPHIPODS,BARNACLES
120	1412		1	3	100	AMPHIPODS,BRYOZOANS,POLYCHAETES,HERMIT CRAB,GASTROPODS
120	1413		0	0	0	-
120	1414		0	0	0	-
120	1415		1	25	100	SABELLIDAE,AMPHIPODS,ARCTICA ISLANDICA,WORM TUBES
120	1416		1	24	50	VENERICARDIA,SABELLIDAE,AMPHIPOD,ENSIS,SHELL HASH
120	1417		1	25	12	SPISULA,PLACOPECTEN,AMPHIPODS,ASTARTE VALVES
120	1418		1	15	100	SAND DOLLARS,WORMS,AMPHIPODS,PELECYPODS
120	1419		1	12	100	POLYCHAETES,PELECYPODS,AMPHIPODS,GASTPODS,SAND DOLLARS CRUSTACEANS
120	1420		1	12	100	VENERICARDIA,ASTARTE,SABELLIDAE,MALDONIDAE,PLACOPECTEN MAGELLANICUS
120	1421		1	30	25	SPISULA,PLACOPECTEN,ASTARTE,VENERICARDIA,ENSIS,NASSARIUS TEREBELLIDAE
120	1422		1	42	50	SPISULA,AMPHIPODS,WORMS,SAND DOLLARS,WORM TUBES

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1423		1	13	100	WORMS,SAND DOLLARS,CRAB,PELECYPODS,AMPHIPODS,RED BRANCHING ALGAE
120	1424		1	20	100	WORMS,SAND DOLLARS,PELECYPODS,AMPHIPODS
120	1425		1	20	100	SPISULA,WORMS,ECHINODERMS,PELECYPODS,GASTROPODS
120	1426		1	30	50	SAND DOLLARS,URCHINS,ANNELIDS,SPISULA,SHELL FRAGMENTS
120	1427		1	40	25	URCHIN,WORMS,SPISULA,AMPHIPODS,ANNELIDS,NEPHTYS
120	1428	A	1	28	100	URCHINS,WORMS
120	1428	B	1	28	100	URCHINS,WORMS
120	1429		1	8	100	ANNELIDS,URCHIN,AMPHYPODS,NASSARIUS,SHELL HASH
120	1430		1	16	100	HERMIT CRAB,CLAM,WORM TUBES
120	1431		1	8	100	PELECYPODS,URCHINS,WORMS,AMPHIPODS,GASTROPODS,BLACK SOFT AGGREGATES
120	1432		1	5	100	PELECYPODS,GASTROPODS,WORMS,BRYOZOA
120	1433		1	10	100	3 CM PELECYPODS,GASTROPODS,WORMS,AMPHIPODS,BRYOZOA, URCHINS
120	1434		2	2	100	SCALLOP SHELL,BARNACLES,WORMS,RAZOR CLAM SHELLS,PELECYPODS
120	1435		1	30	100	SHELL HASH
120	1436		1	2	100	SHELL HASH
120	1437		1	12	100	FLUTED PECTEN SHELLS,BARNACLES,LARGE PINK WORMS
120	1438		1	17	100	PELECYPOD SHELLS,BAY SCALLOP SHELLS,WORMS,COLONIAL BRYOZOA,TUSK SHELLS
120	1439		1	25	50	1-2 CM PELECYPODS,OYSTER SHELL,WORMS,BRYOZOA,SAND CRAB
120	1440		1	15	50	SHELL HASH,BRYOZOA,WORMS,BARNACLES
120	1441	A	1	6	100	WORM TUBES,ENSIS
120	1441	B	1	6	100	WORM TUBES,ENSIS
120	1442		1	4	100	-
120	1443	A	1	15	100	SHELL FRAGS,GASTROPODS,PELECYPODS,WORMS
120	1443	B	1	15	100	SHELL FRAGS,GASTROPODS,PELECYPODS,WORMS
120	1444		1	45	12	SHELL FRAGS,OYSTER SHELL
120	1445		1	15	50	PELECYPOD SHELL FRAGS
120	1446		1	18	40	CORAL PARTICLES,PELECYPODS,BRYOZOANS,WORMS
120	1447		1	6	100	HASH OF PELECYPOD SHELLS,ASTEROID,12 CM SAND DOLLAR,WORM TUBES,TUSK SHELLS
120	1448		1	6	100	HASH OF OYSTER SHELLS, PELECYPODS,SEA URCHINS,HERMIT CRABS,GASTROPODS,FLATWORMS
120	1449		1	10	100	OYSTER
120	1450		1	30	25	URCHIN
120	1451		1	4	100	PORIFERA,BRYOZOA,TUNICATES,OYSTER FOSSILS,CORAL,CRUSTACEA,ANNELIDA,MOLLUSCA
120	1452		1	25	50	PELECYPOD VALVES,OYSTER SHELL 7.5 CM LONG
120	1453		1	3	100	25 CM RED CORAL,PELECYPOD HASH,BRYOZOAN,SPINY MOLLUSK,WORM TUBES
120	1454		1	18	25	PELECYPOD SHELL,HASH,URCHINS,GASTROPODS,WORMS
120	1455		1	11	50	BRYOZOAN INCRUSTED CORAL,PELECYPODS,GASTROPODS
120	1456		1	26	12	ASTEROID,PELECYPOD HASH,BRANCHING CORAL,HOLOTHURIAN,SERPULID ANNELIDS
120	1457		1	16	100	SHELLS,2 OYSTERS,WORMS
120	1458		1	20	100	FOSSILIZED MATERIAL,DECAPODS,ANNELIDS
120	1459		1	35	25	SHELLS,ANNELIDS
120	1460		1	35	50	SHELL FRAGMENTS
120	1461		1	14	100	SHELL FRAGMENTS
120	1462		1	18	100	PELECYPOD HASH,4CM URCHIN,10 CM SAND DOLLAR,2 CM HERMIT CRAB,BRYOZOA
120	1463		1	4	100	SAND DOLLAR,25 CM WORM TUBE,SMALL PELECYPODS,GASTROPODS,BRYOZOA
120	1464		1	9	100	GASTROPOD-PELECYPOD HASH,WORMS,BRYOZOA,SCAPHOPODS
120	1465	A	1	30	25	AMPHIOXIS
120	1465	B	1	30	25	AMPHIOXIS
120	1466		1	20	25	-
120	1467		1	15	25	CORAL BRANCH
120	1468		1	20	25	ONE FUZZY-WUZZY,SINGLE PELECYPOD VALVES
120	1469		1	31	25	PELECYPOD FRAGS,CORAL,ECHINODERM
120	1470		1	25	100	PLCY,BRZN,GSTR,WRM TUBES,SD DOLLARS,URCHIN-LIKE FORM,CRAB,CORAL,RAZOR CLAMS
120	1471		1	19	50	PELECYPODS,RAZOR CLAMS,5 CM SAND DOLLAR,SEA URCHINS,GASTROPODS,BRYOZOA,WORMS
120	1472		1	27	25	SPISULA,VENERICARDIA,OTHER PELECYPODS,NUDIBRANCH
120	1473		1	8	100	URCHINS,PECTEN
120	1474		1	8	100	CORAL,ANNELIDS,SHELLS
120	1475		1	14	100	SHELLS,CORAL
120	1476		1	7	100	PELECYPOD SHELL FRAGS
120	1477		1	10	100	CLAM HASH,CORAL,BARNACLES,GASTROPODS
120	1478		1	33	25	PELECYPOD HASH,AMPHIOXIS,HOLOTHURIAN,URCHINS,COLONIAL BRYOZOA
120	1479		1	12	25	AMPHIOXIS,SHELL DEBRIS
120	1480		1	25	25	SAND CRAB,AMPHIPODS
120	1481		1	12	100	LARGE AND OLD SHELLS
120	1482		1	16	100	SHELL FRAGMENTS,LIVE PELECYPOD
120	1483		1	8	60	SHELL FRAGMENTS,CLAMS,CORALS,BRYOZOAN,WORMS
120	1484		1	27	25	PELECYPOD HASH,BRYOZOANS,GASTROPODS,CONE SHELLS
120	1485		1	27	100	PELECYPOD HASH,BRYOZOANS,GASTROPODS,15CM LONG 1CM THICK HOLOTHURIANS
120	1486	A	1	10	100	BRYOZOAN,BARNACLE,CORAL,ALCYONACIAN FOSSIL, OYSTER,PELECYPODS,WORM TUBES
120	1486	B	1	10	100	BRYOZOAN,BARNACLE,CORAL,ALCYONACIAN FOSSIL, OYSTER,PELECYPODS,WORM TUBES
120	1487		1	38	25	SAND EEL,AMPHIOXIS
120	1488	A	1	10	100	-
120	1488	B	1	10	100	-
120	1488	C	1	10	100	-
120	1489		1	18	100	AMPHIOXIS,SHELLS
120	1490		1	6	100	SHELL FRAGS,CRAB,CORAL
120	1491		1	26	50	SHELL,ENSIS
120	1492		1	17	50	AMPHIOXIS,PHOSPHORESCENT WORM,URCHIN,PELECYPOD FRAGS,CLAM SHELLS,WORM TUBES
120	1493		1	10	100	GASTROPODS,TURRITELLIDS,URCHIN 3CM LONG,TRANSPARENT THREAD-LIKE TUBES,CLAM DEBRIS
120	1494		1	23	50	17CM SEA CUCUMBER,34CM WORM,CRABS,GASTROPODS,CLAMS,COCKLES,WORM TUBES,BARNACLES
120	1495		1	33	25	BRITTLE STAR,CRABS
120	1496		1	8	100	SAND DOLLAR
120	1497		1	30	25	2 HOLOTHURIANS,AMPHYPODS
120	1498		1	25	100	SHELL FRAGS,REDDISH BROWN SNAKE (QUERY)
120	1499		1	7	100	SHELL FRAGS,2 WHITE CRABS 1.5 CM,SCAPHOPODS,FRAGS OF THIN BLACK WORM TUBES
120	1500		1	16	50	CLAM HASH,PECTEN,SPISULA,GASTROPOD,BRYOZOAN,WORM TUBES,BLACK STAINED SMALL FORMS
120	1501		1	8	100	.5-1 CM PELECYPODS,URCHINS,GASTROPODS,WORM
120	1502		1	17	100	PELECYPODS,GASTROPODS
120	1503	A	1	10	100	WORMS,PELECYPODS,SHELLS
120	1503	B	1	10	100	WORMS,PELECYPODS,SHELLS
120	1504		1	10	100	PELECYPOD VALVES,ANNELIDA

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CODE #	STATION #	NO. OF DROPS	Ø L	% PROC.	BIOLOGY
120	1505	1	15	50	SAND EEL,LANCELETS,PELECYPØD
120	1506	1	16	25	PECTEN,TELLINID,AMPHIØXIS
120	1507	1	10	50	SHELL HASH,WØRM TUBES,CØRAL
120	1508 A	1	22	50	HASH ØF CLAMS,SPISULA,PECTEN,2 ØYSTER SHELL,SEA CUCUMBER,ARCA
120	1508 B	1	22	50	HASH ØF CLAMS,SPISULA,PECTEN,2 ØYSTER SHELL,SEA CUCUMBER,ARCA
120	1509 A	1	30	50	CLAMS,GASTRØPØDS,WØRMS(1MM-1CM DIA),CRABS,1 SØFT BULBØUS GY-WHITE TRANSLUCENT FØRM
120	1509 B	1	30	50	CLAMS,GASTRØPØDS,WØRMS(1MM-1CM DIA),CRABS,1 SØFT BULBØUS GY-WHITE TRANSLUCENT FØRM
120	1510	1	15	25	BRITTLE STAR,SHRIMP,LANCELETS,ØYSTER
120	1511	1	30	25	AMPHIPØDA,DECØPØDA (QUERY),LANCELETS,SHELL
120	1512	1	20	25	HØLØTHURIAN,WØRMS,SHELL
120	1513	1	12	100	HØLØTHURØID,SHELL FRAGS
120	1514 A	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 B	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 C	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 D	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 E	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 F	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 G	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 H	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1514 I	9	80	12	ØYSTERS,PETRICØLA,PENS,CØNES,GASTRØPØDS,CØRAL,WØRMS
120	1515	1	25	33	PELECYPØDA,SCAPHØPØDA,ANNELIDA,AMPHIPØDS
120	1516	1	30	100	WØRMS,SHELLS,DECAPØDS
120	1517	1	1	100	SHELL
120	1518	1	22	100	ANNELID,SHELLS
120	1519	1	8	100	URCHIN,ØPHIURØIDS,SHELLS
120	1520	1	25	100	PETRICØLA,PENS,GASTRØPØDS,BRYØZØAN ØN ALGAL FILAMENT
120	1521	1	3	75	BRITTLE STAR,PECTEN,3-8CM SAND DØLLAR FRAG,SMALLER PELECYPØDS,STARFISH RED ØRANGE 53M
120	1522	1	27	50	PELECYPØDS,BRYØZØA,CRAB
120	1523	1	2	100	SHELL,WØRM TUBES
120	1524	1	30	25	STAR FISH,ANNELIDS,SHELLS
120	1525	1	19	100	SHELL FRAGS
120	1526	1	8	100	SHELL FRAGS,WØRM TUBES
120	1527	1	7	100	SHELL FRAGS,BARNACLES
120	1528	1	28	100	PELECYPØD FRAGS
120	1529	1	27	100	BRIGHT RED-ØRANGE CØRAL CØMBS,STRIPED ZEBRA FLØUNDER 10CM,SAND EEL
120	1530	1	36	50	SHELL
120	1531	1	16	75	BRITTLE STAR,SHELL
120	1532	1	18	100	SIPNACULIDS
120	1533	3	6	100	URCHIN AND DØLLAR TESTS,ANNELID TUBES,CRAB,CØRAL,PELECYPØD,GASTRØPØD
120	1534	1	4	100	GASTRØPØDS,PELECYPØDS
120	1535	1	50	100	PECTEN,ASTARTE,VENERIDS,ARCA,WØRMS
120	1536	1	5	100	KEYHØLE URCHIN,WØRMS,WØRM TUBES,RAZØR CLAM SHELLS
120	1537 A	1	10	100	WØRMS,WØRM TUBES,CØNCH-LIKE GASTRØPØD 2.5CM LØNG,URCHIN,STRAWBERRY LIKE GRØWTH
120	1537 B	1	10	100	WØRMS,WØRM TUBES,CØNCH-LIKE GASTRØPØD 2.5CM LØNG,URCHIN,STRAWBERRY LIKE GRØWTH
120	1538 A	1	11	25	-
120	1538 B	1	11	25	-
120	1539	1	26	12	SEA CUCUMBER,STARFISH
120	1540	1	25	12	WØRMS,LANCELETS
120	1541	1	1	100	WØRMS,SCAPHØPØDS
120	1542	2	4	100	SHELL FRAGS
120	1543	1	29	15	STARFISH,AMPHIØXIS,WØRMS,RAZØR CLAM,ANNELID
120	1544	1	39	12	ASTARTE,SHELLS,WØRMS
120	1545 A	1	18	100	CLAM HASH,ASTARTE SHELLS
120	1545 B	1	18	100	CLAM HASH,ASTARTE SHELLS
120	1546	1	45	100	SHELL HASH,BRN-RED MARKED ASTARTE,20CM SAND EEL
120	1547	1	18	100	SAND DØLLARS
120	1548	1	22	25	LANCELETS,CØRAL
120	1549	1	15	25	PECULIAR CRAB IN ASTARTE VALVE,LANCELETS,WØRMS
120	1550	1	25	50	SHELLS
120	1551	1	2	100	SHELLS
120	1552	1	5	100	SHELLS
120	1553	2	5	100	SPØNGES TØ 40CM ACRØSS,CØRALS,BRITTLE STAR,HYDRØIDS,1 RED-WHITE FISH,RED ØVERGRØWTHS
120	1554	1	18	100	CØRALS,SPØNGES,PELECYPØDS,SAND EEL 15CM,AMPHIPØDS,RED ENCRUSTATIØNS,HYDRØID
120	1555	1	16	100	CALCAREØUS ALGAL LUMPS WITH HYDRØID,BRYØZØAN ENCRUSTATIØNS,PELECYPØDS,CØRALS
120	1556	1	6	100	CØRALS,PELECYPØDS,WØRMS
120	1557	1	2	100	ISØPØD,CRAB,WØRM,CLAM,PHØSPHØRESCENT ANIMAL
120	1558	1	15	65	DECAPØD,ANNELID,MØLLUSKS,CØRAL
120	1559	1	30	25	-
120	1560	1	1	100	BRITTLE STAR,PTERØPØDS,GASTRØPØDS,PELECYPØDS,AMPHIPØDS,FØRAMS,SCAPHØPØDS
120	1561	1	60	100	FØRAMS,PTERØPØDS,WØRM TUBES,HØLØTHURIAN,PELECYPØDS
120	1562	1	4	100	BRITTLE STAR,PTERØPØDS
120	1563	1	10	100	FØRAMS,SHELLS,ANNELIDA
120	1564	1	25	25	2 DECAPØDS,ANNELID,PELECYPØDS,FØRAMS,GASTRØPØDS
120	1565	1	16	50	PIECES ØF HARD CØRALLINE MATERIAL
120	1566	1	4	100	BITS ØF CØRAL
120	1567	1	75	100	FØRAMS,SMALL PELECYPØDS WHITE TRANSLSCENT CRENULATE,GASTRØPØDS,BRYØZØA,CØRAL,PTERØPØDS
120	1568	1	45	100	1-3CM PELECYPØDS,FØRAMS,PTERØPØDS,GASTRØPØDS,BRYØZØA,BRACHS,1-2CM URCHIN,WØRM TUBES
120	1569	1	42	95	ØØIDS,FØRAMS,CØRAL-ALGAL PIECES,PELECYPØD SHELLS,ØRANGE FLAT WØRM,WØRM TUBES
120	1570	1	40	100	PELECYPØD SHELLS,WØRM TUBE,PØLYCHAETES
120	1571	1	26	50	CRINØIDS,STØMATØPØDA,3 BRITTLE STARS
120	1572	1	37	40	BRITTLE STARS,WØRMS,SHELL FRAGS
120	1573	2	6	100	3 BRITTLE STARS,SHELL FRAGS,WØRM TUBES
120	1574	2	10	100	FØRAMS,ALGAL CØRAL FRAGS,BRITTLE STARS,BRYØZØAN,FEW WØRM TUBES
120	1575	1	28	100	PELECYPØDS,GASTRØPØDS,WØRM TUBES,ALGAL DEBRIS
120	1576	2	24	100	PTERØPØDA SHELLS,FØRAMS,PELECYPØD SHELLS
120	1577	4	0	100	-
120	1578	3	1-	100	BASKET STAR,WØRM TUBE,FØRAMS
120	1579 A	3	1-	100	FØRAMS
120	1579 B	3	1-	100	FØRAMS
120	1580 A	1	12	100	FØRAMS,GLØBIGERINIDS,PTERØPØDS,BRITTLE STARS

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CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1580	B	1	12	100	FORAMS,GLOBIGERINIDS,PTEROPODS,BRITTLE STARS
120	1581		1	1+	100	FORAMS,CONE GASTROPODS,PELECYPOD CARAPHCES
120	1582	A	1	1+	100	ENCRUSTED WITH ANNELID TUBES,FORAMS,SPONGE
120	1582	B	1	1+	100	FORAMS,GLOBIGERINID,GASTOPPODS,FUSIFORM
120	1583	A	1	1	100	CORAL,ANNELID TUBES,DECAPODS,BRYOZOANS,GASTROPODS
120	1583	B	1	1	100	CORAL,ANNELID TUBES,DECAPODS,BRYOZOANS,GASTROPODS
120	1584		2	1	100	PORIFERA,SERPULID ANNELIDA TUBES
120	1585		3	5	100	WORMS,PTEROPODA,FORAMS
120	1586	A	1	25	100	+
120	1586	B	1	25	100	+
120	1587		3	7	100	DROP 1=FORAMS,GLOBIGERINID,2=SAME+SPINES,TUBES,3=SAME+PTEROPOD SPINES,STARS
120	1588		1	50	25	FORAMS FOSSIL,HORN CORAL,BRITTLE STAR,PTEROPODS,WORMS,ECHINOIDS,PELECYPODS
120	1589		2	6	100	CORAL BRANCHES,GASTROPODS,FORAMS,PTEROPODS,URCHIN, WORMS
120	1590		1	10	50	ANNELIDS,CORAL,PTEROPODS
120	1591		3	1+	100	CORAL,SPONGE,BRYOZOA,BRITTLE STAR,GASTROPOD
120	1592		1	45	100	FORAM TESTS,PTEROPODS,ANNELIDS
120	1593		1	40	50	GLOBIGERINID, FORAMS,PTEROPODS
120	1594		1	40	25	GLOBIGERINAS,WORM TUBES,PTEROPODS,PELECYPOD,HOLOTHURIAN
120	1595		1	5	100	GLOBIGERINAS,WORM TUBES,PTEROPODS,GASTROPODS,FORAMS FILLED W/GN GLAUCONITIC MATTER
120	1596		1	18	100	GLOBIGERINAS AND BENTHONIC FORMS,GASTROPODS,PTEROPODS
120	1597	A	1	22	100	GLOBIGERINAS,PTEROPODS
120	1597	B	1	22	100	GLOBIGERINAS,PTEROPODS
120	1598		1	1	100	GLOBIGERINAS,PTEROPODS,GASTROPODS
120	1599		1	16	100	PTEROPODS,URCHIN FRAG,ANNELID TUBES,FORAMS
120	1600		3	1+	100	FORAMS,PTEROPODS,GASTROPODS,CORAL,CUP CORAL FRAG
120	1601	A	1		100	FORAMS,GLOBIGERINA, DENDROPHILIA,LOPHELIA,PTEROPODS
120	1601	B	1		100	FORAMS,GLOBIGERINA, DENDROPHILIA,LOPHELIA,PTEROPODS
120	1602		1	4	100	GLOBIGERINA, PTEROPODS,LOPHELIA,(FOSSIL,QUERY),LATTICE-LIKE FORM
120	1603		1	4	100	PTEROPOD,GLOBIGERINA,LOPHELIA,CORALS,GASTROPODS
120	1604		1	2	100	PTEROPOD SHELLS,GLOBIGERINA
120	1605		1	20	50	PTEROPODS
120	1606		2	6	100	SKATE 10 IN LONG
120	1607		2	8	100	ECHINODERM (ASTEROIDEA),BRACHIOPODS,ANNELID TUBES,GASTROPODS,URCHINS,CORAL
120	1608		1	5	100	CORAL,PTEROPODS,GASTROPODS,FORAMS
120	1609		1	2	100	CORAL(DENDROPHILIA),HORN CORALS,CLAMS,SERPULID,PTEROPODS
120	1610		1	32	100	PTEROPODS,URCHIN (QUERY),WORM TUBES
120	1611		1	3	100	PTEROPODS,DECAPOD
120	1612		1	10	100	ANNELIDA,PTEROPODS
120	1613		1	1	100	SHELLS,ANNELID TUBES,PTEROPODS
120	1614		1	6	100	WORM TUBES,PTEROPODS
120	1615		1	1	100	CORAL FRAGS,BRACHS,DECAPOD,STARFISH
120	1616		2	1	100	CORALS,GLOBIGERINA,GASTROPODS,PTEROPODS,DENDROPHILIA
120	1617	A	1	25	100	FORAMS,PTEROPODS,HOLOTHURIANS,WORM TUBES,GASTROPODS
120	1617	B	1	25	100	FORAMS,PTEROPODS,HOLOTHURIANS,WORM TUBES,GASTROPODS
120	1618		1	25	100	PTEROPOD SHELLS,ANNELIDA,GASTROPODA
120	1619		1	125	25	WORMS
120	1620		1	3	100	EEL,DONAX,TELLINA,AMPHIPODA,ANNELIDA,TUBES,SIPENSCORLIDA
120	1621		1	25	25	SHELL HASH
120	1622		1	57	100	WORMS,PTEROPOD SHELLS
120	1623		1	53	100	1 WORM,PURPLE BLOB,PTEROPOD SHELLS
120	1624	A	1	3	100	BENTHONIC FORAMS ROTALID,PECTEN HASH,CORALS,WORM TUBES=CHITINOUS WITH SHELL FESTOONS
120	1624	B	1	3	100	BENTHONIC FORAMS ROTALID,PECTEN HASH,CORALS,WORM TUBES=CHITINOUS WITH SHELL FESTOONS
120	1625		4	2	100	RED=ORANGE MADREPORIAN CORALS,GASTROPODS,CRABS,FORAMS,BARNACLES,PELECY,BRACHS,RED ALG
120	1626		1	92	100	FORAMS,GLOBIGERINA,GLOBOROTALIA,WORMS,PELECYPODS,GASTROPODS,PTEROPODS
120	1627		1	115	100	BRITTLE STARS,WORMS,PTEROPODS
120	1628		1	23	100	PTEROPOD SHELLS
120	1629		3	35	25	CORAL FRAG=TUNICATE ATTACHED,GLOBIGERINA,(FOSSIL QUERY),SPONGE=HEXACTIN,URCHIN SPINES
120	1630		1	30	100	CORAL STALKS
120	1631		2	7	100	PTEROPODS,WORM TUBES
120	1632		1	27	100	FORAMS,PTEROPODS,WORM TUBES,1 DISC CORAL
120	1633		4	60	75	ANNELIDS,CHITNOUS TUBES,PTEROPODS,SCATTERED FORAMS
120	1634		1	115	12	BRITTLE STARS,PTEROPODS
120	1635		1	100	25	PTEROPOD SHELLS,ALCYONARIANS
120	1636		1	15	100	ANNELIDA,SHELL HASH
120	1637		2	45	100	ANNELIDS,PTEROPOD TESTS
120	1638		1	90	100	ANNELIDS,SHELL FRAGS,LIVE PLECYPOD 3CM LONG EXHIBITING RAZOR TYPE FORM,PELECYPODS
120	1639		3	60	100	PTEROPODS,ANNELIDS,DISK CORALS 1CM,FORAMS,80% OF GREATER THAN 1MM FRACT PTEROPODS
120	1640		3	0	0	+
120	1641		1	10	100	GLOBIGERINA,PTEROPOD SHELLS,CORAL 1% LIVE RECENT
120	1642		1	2	100	CORAL,BRITTLE STAR,BASKET STAR,SPONGE,PTEROPODS,GLOBIGERINA,PAPER NAUTILIS
120	1643		1	5	100	BROWN GLOBIGERINA ON TOP,BROWN SURFACE CORAL,FEW SPONGES,HYDROZOA
120	1644		1	10	100	DENDROPHILA(DEAD)WHITE AND BROWN STAINED,PTEROPODS,FORAMS,SMALL GASTROPODS,SPONGE
120	1645		1	45	40	FORAMS,PTEROPODS,DENDROPHILIA BROWN STAINED WITH SOME WHITE,SOME HORN CORAL
120	1646		2	1+	100	BROWN STAINED DENDROPHILIA,BROWN(FOSSIL)GLOBIS,RECENT FRESH PTEROPODS
120	1647		2	10	100	CORAL,PTEROPOD SHELLS
120	1648		1	27	25	CORAL,PTEROPOD SHELLS
120	1649		1	10	100	PTEROPOD,SCAPHOPOD,LITTLE CORAL
120	1650		1	14	100	BASKET STARS,CORAL,PTEROPODS,SOME CORAL IN CLAYEY MASSES
120	1651		3	1+	100	WELL PRESERVED GASTROPODS,PTEROPODS,BROWN STAINED CORAL DEBRIS,FORAMS
120	1652		1	1+	100	TWO FISH,STAINED CORAL(POSSIBLY FROM LAST SAMPLE)
120	1653		3	20	100	BRACHIOPOD,SHELLS,MUCH CORAL,HYDROZOA,ETC.
120	1654		1	3	100	CORAL AND PTEROPODS
120	1655		1	10	50	CORAL,HYDROZOA
120	1656		2	6	100	CORAL FRAGMENTS,PTEROPODS,NOTHING ALIVE SEEN
120	1657	A	1	9	70	PLECYPODS,WORMS AND TUBES,FORAMS,AMPHIPODS,GASTROPODS
120	1657	B	1	9	70	PLECYPODS,WORMS AND TUBES,FORAMS,AMPHIPODS,GASTROPODS
120	1658		1	2	100	PLECYPODS,SMALL SHELLS,ANNELIDS,WORM 1.5CM LONG,FORAMS,BARNACLES,PTERPODS,THREADY MASS
120	1659		1	25	25	GASTROPOD SHELLS
120	1660		1	15	30	SHELL FRAGMENTS
120	1661		1	15	50	SHELL

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1662		2	5	100	PELEC.SHELLS,SMALL SHELL FRAGS,WORM TUBES,NOT MUCH ALIVE
120	1663		1	6	100	SMALL SHELL FRAGS,A FEW WORM TUBES
120	1664		1	4	100	PELEC.FRAGS,WORM TUBES,BRYOZOA,AMPHIPODS
120	1665		1	8	100	1 SWIMMING CRAB,PELECYPOD SHELLS
120	1666		1	5	100	1 ROCK CRAB,SHELLS
120	1667		1	8	100	1 10IN WORM,SHELLS + FRAGS(MOSTLY PELEC)
120	1668		1	4	100	PELEC.SHELLS+FRAGS,WORM TUBES,NOTHING LIVE
120	1669		1	7	50	PELEC,NUMEROUS BRYOZOAN CAPS,WORM TUBES,FORAMS
120	1670		1	10	50	LANCELETS,SHELL
120	1671		1	10	100	SHELLS
120	1672		1	12	100	NO DESCRIPTION GIVEN
120	1673		1	1-	100	LITTLE CRAB,SHELLS
120	1674		1	11	100	BROKEN SHELL
120	1675		1	4	100	NO DESCRIPTION GIVEN
120	1676		1	25	100	NO DESCRIPTION GIVEN
120	1677		1	14	100	SMALL PELECYPODS,NOT WORN
120	1678		1	20	25	LANCELETS + SHELL FRAGS
120	1679		1	10	100	1 5CM CRAB
120	1680		1	7	100	EEL-LIKE FISH WITH LARGE SAD EYES, L.O.A. 10CM
120	1681		1	22	100	LARGE SHELLS + SHELL HASH,SEVERAL OYSTER SHELLS
120	1682		1	60	25	STARFISH,ABUND.,PELECYPODS,WORM TUBES
120	1683		1	12	100	SHELL HASH,FORAMS
120	1684		1	38	100	SHELL,FEW URCHINS,EEL-LIKE FISH
120	1685		1	18	50	BROKEN SHELL,FEW BARNACLES
120	1686		1	25	100	WORMS,AMPHIPODS,SHELL,FEW PELECYPODS
120	1687		1	12	50	ABUNDANT PELECYPODS MOSTLY LESS THAN 1/2IN
120	1688		1	20	50	SHELL HASH + WHOLE SHELLS
120	1689		1	12	100	FINE SHELL HASH
120	1690		1	25	100	STARFISH,WORMS,LANCELETS,ETC.
120	1691		1	22	100	FEW BIVALVES,SMALL CRAB,BROKEN SHELL
120	1692		1	35	100	1 STARFISH,BROKEN SHELL
120	1693		1	35	25	PELECYPODS,SOME PECTEN UP TO 2 IN ACROSS,SHELL HASH
120	1694		1	18	25	NO DESCRIPTION GIVEN
120	1695		1	22	12	MOSTLY PELECYPODS
120	1696		1	9	50	WORM TUBES ABUNDANT,SHELL HASH + SHELLS
120	1697		1	50	25	SHELL HASH,BRITTLE STARS
120	1698		1	20	50	1 LIVE PELECYPOD,SHELL HASH
120	1699		1	28	50	1 SMALL CRAB,SHELL HASH
120	1700		1	15	100	SOME SMALL SHELL FRAGS.
120	1701		1	22	100	SOME OYSTER SHELL,RAZOR CLAMS
120	1702		1	45	25	AN ECHINODERM
120	1703		1	15	100	GREY SHELL HASH
120	1704		1	16	50	SHELL HASH + SMALL SHELLS
120	1705		1	45	25	LARGE SAND DOLLAR,SOME SHELL HASH
120	1706		1	40	50	SHELL HASH
120	1707		1	35	25	BROKEN SHELL,FEW BIVALVES,FEW URCHINS
120	1708		1	15	50	BROKEN SHELL
120	1709		1	4	100	NO DESCRIPTION GIVEN
120	1710		1	25	25	CORAL BRANCHES,SHELL HASH + SMALL SHELLS
120	1711		1	28	25	SHELL HASH,WORM-LIKE ORGANISMS
120	1712		1	9	25	SMALL SHELL + CRABS,SHELL HASH
120	1713		1	15	100	FEW WORMS,FUNNY CRAB,SHELL,FORAMS
120	1714		1	5	100	SMALL BROKEN SHELLS,CALCAREOUS LUMPS
120	1715		1	1	100	SPINEY SEA URCHIN,CORAL FRAGS
120	1716		1	2	100	1 SHRIMP,SHELLS SMALLER THAN 3CM
120	1717		1	12	25	1 SHRIMP AS BEFORE,SMALL SHELLS
120	1718		1	7	100	ASSORTED SHELL HASH + SHELLS
120	1719		1	4	100	SHELL HASH + SOME LARGE OLD PIECES OF SHELL
120	1720		1	3	100	SNAIL,WORM TUBES,SHELL
120	1721		1	75	100	ECHINODERMS,WORMS,SHELL
120	1722		2	18	100	SHELL-LARGEST 2CM
120	1723		1	40	100	1 5CM CLAM
120	1724		1	10	100	SHELL HASH
120	1725		1	75	100	SHELL HASH
120	1726		1	85	100	PTEROPODS,SHELLS
120	1727		1	90	50	PTEROPODS
120	1728		1	15	100	PTEROPODS
120	1729		1	2	100	SHELL,WORM TUBES,CORAL
120	1730	A	2	4	100	SHELL BITS,WORM TUBES
120	1730	B	2	4	100	SHELL BITS, WORM TUBES
120	1731		2	1	100	CORAL
120	1732		1	2	100	CORAL
120	1733		1	12	100	CORAL
120	1734		1	18	100	BROWN + WHITE CORAL BRANCHES
120	1735		1	2	100	BROKEN SHELL,CORAL
120	1736		1	1	100	PTEROPODS,LARGE FORAMS,WORMS
120	1737		2	4	100	WORM TUBES,CORAL
120	1738		1	1-	100	CORAL
120	1739		1	35	100	CORAL,SHELL HASH
120	1740		3	1-	100	NONE
120	1741		1	48	12	PTEROPODS,FORAMS,GLOBIGERINA
120	1742		1	22	50	CORAL,STARFISH,PTEROPODS
120	1743		2	12	100	HYDROZOA,BRITTLE STARS,CORAL
120	1744		2	1	100	NO DESCRIPTION GIVEN
120	1745		3	2	100	NO DESCRIPTION GIVEN,V.LITTLE MATERIAL
120	1746		1	2	100	SHELL HASH,CORAL
120	1747		1	1	100	SHELL HASH,CORAL
120	1748		1	8	100	CORAL,GASTROPODS,PTEROPODS
120	1749		1	1-	100	FEW SMALL GASTROPODS,BRYOZOA,PTEROPODS,CORAL
120	1750		3	3	100	SHELL,WORM TUBES

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1751		1	3	100	SHELL HASH
120	1752		1	18	66	MANY SMALL SHRIMP,FEW WORMS,ASSORTED SHELL DEBRIS
120	1753		1	15	100	BIG WORMS + TUBES,ASSORTED SHELL DEBRIS,PTEROPODS
120	1754		1	15	100	SMALL CRAB,MOLLUSKS,BROKEN SHELL,WORMS
120	1755		1	20	50	SHELLS+WORM TUBES
120	1756		1	3	100	STARFISH,LIVE PELECYPOD,SHELL HASH
120	1757		1	10	100	SMALL PELECYPODS
120	1758		1	12	100	SMALL CRAB,SHELL HASH
120	1759		1	15	50	STARFISH,SHELL HASH
120	1760		1	8	100	SCALLOP,SHELL HASH
120	1761		1	12	100	BROKEN SHELL
120	1762		1	7	100	SHELLS,CORAL
120	1763		1	7	100	SMALL SHELLS
120	1764		2	5	100	CORAL
120	1765		1	28	12	CORAL,PTERAPOD OOZE
120	1766		1	13	25	CORAL,FORAMS,GASTROPODS
120	1767		3	1	100	CORAL,FEW MOLLUSKS,SHELL
120	1768		1	12	25	SHELL,MOLLUSKS,FORAMS
120	1769		4	1-	0	NONE
120	1770		1	5	100	RED LONG LEGGED STARFISH,3CM
120	1771		1	22	100	SOME SHELLS,LESS THAN 2%
120	1772		1	2	100	NONE
120	1773		1	25	50	BROKEN SHELL,MOLLUSKS
120	1774		1	32	12	SHELL,MOLLUSKS,WORMS
120	1775		1	8	100	MOLLUSKS,STARFISH,SHELL
120	1776		1	22	50	SOME SHELL
120	1777		1	28	100	SMALL SHELLS
120	1778		1	15	100	PIECES OF CRAB,FEW WORMS,SHELLS
120	1779		1	12	25	FRAGS OF BIVALVES,MANY SMALL WHOLE SHELLS,A FEW CHITONS,+ MANY SHELL FRAGMENTS
120	1780		1	2	100	MUCH OYSTER + CLAM SHELL,NONE LIVING,PART OF SAMPLE LOST,
120	1781		1	8	100	SHELLHASH + REMAINS OF A CRAB
120	1782		1	1	100	WORM BORINGS,SHELL HASH
120	1783		1	10	100	NO EXPLANATION
120	1784		3	1-	100	ENCRUSTING ORGANISMS ON ROCK
120	1785		1	18	50	SMALL BROKEN SHELL,PTEROPOD,WORM TUBES
120	1786		1	11	100	MOLLUSKS,WORMS,SHELL
120	1787		1	22	50	MOLLUSK SHELLS,NOT GREATER THAN 4CM
120	1788		1	12	100	ONE LIVE FAIRY SHRIMP,ONE SMALL FISH LIVE
120	1789		1	23	25	SHELLHASH
120	1790		1	20	100	OYSTER SHELLS,ONE SMALL FLOUNDER-TYPE FISH
120	1791		1	12	100	SHELLS + MOLLUSKS,SEVERAL ALIVE,ONE SMALL STARFISH
120	1792		1	12	100	FEW SHELLS,WORMS
120	1793		1	18	100	MANY TYPES OF SMALL SHELLS
120	1794		1	30	100	3CM WORM,NOTHING ELSE ALIVE
120	1795		1	1	100	SOME SHELL
120	1796		2	3	100	ONE FERN-LIKE BRANCH FROM B.T.,SHELLHASH,BROKEN CORAL BRANCHES
120	1797		3	1-	100	QUESTIONABLE CORAL + OTHER ORGANISMS ENCRUSTED ON ROCK FRAGMENTS
120	1798		3	1-	100	SEVERAL WORMS,ATTACHED SPONGES ON THE PEBBLES
120	1799		3	1-	100	NOT MUCH
120	1800		1	4	100	VERY FEW SMALL SHELLS
120	1801		1	4	100	VERY LITTLE,ONE TINY SHRIMP-LIKE ANIMAL,SOME GLOBIGERINA SHELLS
120	1802		1	32	50	SHELLHASH + SMALL SHELLS
120	1803		1	50	50	SHELLHASH
120	1804		1	8	100	SHELLHASH
120	1805		1	22	100	FEW LIVE MOLLUSKS
120	1806		1	12	100	ONE SAND EEL + SHELLS
120	1807		1	8	100	ONE FISH,MUCH SHELL DEBRIS
120	1808		1	3	100	VERY LITTLE,ONE SHARK TOOTH,(QUESTION MARK)
120	1809		1	10	100	PTEROPODS,GLOBIGERINAS,FORAMS,ETC.
120	1810		1	40	25	SHELLHASH INCLUDING SMALL BENTHIC FORAMS AND PELECYPODS
120	1811		1	15	25	FRESH SHELLS-PELECYPODS-SHELLHASH
120	1812		1	10	100	SHELLHASH + SMALL SHELLS
120	1813		1	45	25	LITTLE STARFISH,LIVE MOLLUSKS,MUCH SHELL
120	1814		1	12	100	LARGE STARFISH,SHELLHASH
120	1815		1	32	100	FEW SAND DOLLARS,WORMS,SHELLS
120	1816		1	12	100	ONE CUTUP CRAB (BY BUCKET),ONE 3CM SHRIMP,WORMS,SHELLHASH
120	1817		1	27	12	LOTS OF MOLLUSKS,SHELL FRAGMENTS,ONE LIVE CLAM
120	1818		1	18	100	SHELLHASH,ONE OYSTER SHELL
120	1819		1	12	100	SHELLHASH + SMALL SHELLS,ONE SMALL STARFISH
120	1820		1	10	100	SHELLHASH
120	1821		1	22	50	CRAB,SAND DOLLAR,SHELLHASH
120	1822		1	22	50	SHELLS,FEW LIVE GASTROPODS,SAND DOLLARS
120	1823		2	1-	100	NONE
120	1824		1	28	100	MOSTLY VERY SMALL(LESS THAN 15MM) CLAM SHELLS AND SHELL FRAGMENTS
120	1825		1	50	100	SMALL AMOUNT OF SHELL,LARGE BENTHIC FORAMS+PELECYP ODS,ONE WORM
120	1826		1	30	100	BENTHIC FORAMS,SMALL PELECYPODS
120	1827	A	1	55	100	WORMS,PIECE OF CORAL,PTEROPODS
120	1827	B	1	55	100	WORMS,PIECE OF CORAL,PTEROPODS
120	1828		1	15	100	GASTROPOD SHELLS,PTEROPODS
120	1829				100	SMALL CRABS,PTEROPODS AND FORAMS
120	1830	A	1	10	100	LITTLE MATERIAL,PTEROPOD,BENTHIC FORAMS
120	1830	B	1	10	100	LITTLE MATERIAL,PTEROPOD,BENTHIC FORAMS
120	1831		3	0	0	NO SAMPLE
120	1832			0	0	NO SAMPLE
120	1833			0	0	NO SAMPLE
120	1834		1	100	100	GASTROPODS,SMALL PELECYPODS,PTEROPODS,BENTHIC FORAMS
120	1835		1	50	100	SMALL PELECYPODS,GASTROPODS,PTEROPODS,BENTHIC FORAMS
120	1836		1	5	100	SMALL SHELLS + TESTS,PELECYPODS,PTEROPODS,BENTHIC FORAMS
120	1837		2	50	100	SMALL PELECYPODS AND SHELLHASH
120	1838		1	0	0	*

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CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1839	1	32	25	SHELL FRAGMENTS,FEW AMPHIPODS
120	1840	1	42	100	NOTHING LIVING,SHELL FRAGS,GLOBIGERINAS,ETC.
120	1841	1	5	100	A WORM,LITTLE SHELLHASH + GLOBY SAND
120	1842	1	30	25	SHELL HASH + ONE SEA URCHIN
120	1843	1	2	100	SHELLHASH,SMALL + MEDIUM SHELLS
120	1844	1	6	100	PIECES OF CRAB,URCHIN,MIXED SHELL
120	1845	1	28	100	MOLLUSKS,WORMS,ARTHROPODS,SHELLS
120	1846	2	5	100	SHELL-BIG PIECES
120	1847	1	20	25	SMALL CLAMS,WORMS
120	1848	1	33	100	LARGE MOLLUSKS,ONE SMALL FISH,WORMS
120	1849	1	15	25	SMALL SHELLS + SHELLHASH
120	1850	1	7	100	SHELLHASH,SEVERAL SMALL BRITTLE STARS
120	1851	1	8	100	GASTROPODS,FORAMS,SMALL SHELLHASH,WORM TUBES,FRUIT PIT (QUESTION MARK)
120	1852	1	12	100	PIECE OF URCHIN,SMALL SHELLHASH
120	1853	1	70	100	FEW SHELLS
120	1854	1	40	100	GLOBY TESTS,SMALL SHELLS
120	1855	1	3	100	PTEROPODS,SHELL FRAGS,WORM TUBES AND MOLLUSKS
120	1856	1	4	100	SMALL SHELLS + SHELLHASH
120	1857	1	20	50	SHELLHASH
120	1858	1	4	100	SHELLHASH,ONE LIVE CLAM
120	1859	1	8	100	WORMS,WORM TUBES
120	1860	1	9	100	SEVERAL CRABS,RED ALGAE (QUERY),GASTROPODS,WORMS,CORAL,ETC.
120	1861	1	12	100	ONE LIVE FISH 2 CM LONG,MANY PELECYPOD SHELLS
120	1862	2	110	100	ONE LIVE RED WORM,MANY GASTROPODS AND PTEROPODS
120	1863	1	12	100	SHELLHASH,ONE CORAL FRAGMENT
120	1864	3	1+	100	SMALL SHELLS,POSSIBLY PIECE OF SMALL BRITTLE STAR
120	1865	1	8	100	BRITTLE STAR,SHELLS
120	1866	1	32	100	AMPHIPODS,SHELLS,WORMS
120	1867	1	95	100	WORM TUBES
120	1868	1	45	100	WORM TUBES,WORMS
120	1869	1	10	100	SHELLHASH,SMALL SHELLS,HOLOTHURIANS (QUESTION MMARK),WORMS
120	1870	1	3	100	FEW MOLLUSKS,GASTROPODS AND WORMS
120	1871	1	25	50	SHELLHASH,INCLUDING OYSTER (QUESTION MARK),SMALL PIECES CORAL
120	1872	1	30	50	SHELLHASH,WORMS,SMALL GASTROPODS,OYSTER
120	1873	1	8	100	WORM TUBES,SHELLHASH,INCLUDING WORMS
120	1874	1	20	100	CERIANTHUS TUBE,ASTARTE,VENERICARDIA,SHELLS
120	1875	1	12	100	WORMS,WORM TUBES,SAND DOLLARS,RAZOR CLAMS,SHELL
120	1876	1	17	100	SAND DOLLARS,WORMS
120	1877	1	15	100	MOLLUSKS,GASTROPODS,WORMS,+ ONE LIVE EEL-LIKE ORGANISM
120	1878	1	30	50	WORMS + MOLLUSKS + SHELL FRAGMENTS
120	1879	1	20	100	ONE LIVE CLAM,ONE WORM,MANY GASTROPODS,SHELLHASH
120	1880	1	18	50	SHELLHASH,GRAVEL
120	1881	1	170	50	SEA CUCUMBER (QUESTION MARK) ABUNDANT LIVE PELECYPODS
120	1882	1	10	100	LIVE CLAMS,MANY WORMS,SHELLHASH
120	1883	1	22	100	FEW WORMS,SAND DOLLAR,SHELL,SCALLOP SHELLS
120	1884	1	7	100	WORMS,OTOLITH
120	1885	1	80	100	SEA SLUGS,WORMS,WORM TUBES
120	1886	1	8	100	ONE LIVE SCALLOP AND MANY SHELLS OF SAME
120	1887	1	2	100	ECHINOIDS + MOLLUSKS,MANY SHELL FRAGMENTS
120	1888	1	4	100	SHELLHASH,MOSTLY BROKEN PELECYPODS,PART OF WORM
120	1889	1	5	100	LIVE CLAMS,WORM,LARGE SCALLOP,SMALL SHELL AND BROKEN SHELL HASH
120	1890	1	6	100	ONE MAHOGANY QUOHOG,SAND DOLLARS,WORMS
120	1891	1	8	100	STARFISH,BRITTLE STARS,WORMS,SHELLHASH
120	1892 A	1	2	100	LIVE CLAMS,MANY BROKEN MOLLUSK FRAGMENTS
120	1892 B	1	2	100	LIVE CLAMS,MANY BROKEN MOLLUSK FRAGMENTS
120	1893	1	10	100	VARIOUS SIPHUNCULOIDES AND MOLLUSKS
120	1894	1	3	100	SHELL FRAGMENTS AND MOLLUSK SHELLS
120	1895	1	4	100	SHELLS AND SHELLHASH
120	1896	1	6	100	SAND DOLLARS,SMALL WORM TUBES,GASTROPOD,ENSIS
120	1897	1	6	100	VERY LITTLE,MANY SMALL WORM TUBES(1 MM DIAMETER BY 1-2 CM),FEW SHELL FRAGS
120	1898	1	13	100	FEW PELECYPOD FRAGS,MANY FLOATING JELLYFISH TO 6 INCHES DIAMETER
120	1899	1	5	100	STARFISH,ISOPODS,WORMS,ENCRUSTATIONS ON GRAVEL
120	1900	1	5	100	SANDOLLARS,ISOPODS,BOTTOM SURFACE DWELLER ABOUT 2CM LONG
120	1901	1	12	50	VERY SPARSE,NUMEROUS SMALL(6CM-12CM)SILVER FISH,WORMS
120	1902	1	3	100	NONE
120	1903	3	2	100	REDDISH STRINGS ON GRAB,NO BIOLOGY IN CLAY
120	1904	1	8	100	CLAMS 1-2 INCHES
120	1905	1	15	100	1 OAK LEAF,WEED FRAGS,PELECYPOD + GASTROPOD SHELLS + FRAGS
120	1906	1	16	100	LARGE(15CM)HOLOTHURIAN(QUERY);1-2 WORMS,SHELLS + SHELL FRAGS
120	1907	1	16	100	MOSTLY SAWDUST GREATER THAN 1 MM,SMALL PELECYPODS 2-3 MM
120	1908	2	7	100	PELECYPODS,OPHUIROID,GASTROPODS,MISC.ON GRV(ATTACHED),4-EYED JELLYFISH IN WATER
120	1909	1	12	100	PELECYPOD FRAGS,LARGE HOLOTHURIAN(QUERY) 10 CM LONG
120	1910	1	14	100	BROKEN PECTEN SHELL,SMALL SHELL FRAGS
120	1911	1	16	100	NUMEROUS TWIGS,NERIED WORM,SMALL PELECYPODS,ONE HOLOTHUROID(QUERY)
120	1912	1	15	100	MANY WOOD CHIPS,FEW SMALL PELECYPODS
120	1913	1	15	85	LARGE HOLOTHURIAN(QUERY)MANY FLAT WORM CASTINGS(QUERY),TWIGS
120	1914	1	3	100	PELECYPOD SHELL FRAGS,MUCH SAWDUST
120	1915	1	12	100	ALL WOOD CHIPS + SAWDUST
120	1916	0	16	0	NONE,WATER SAMPLE ONLY
120	1917	1	14	100	NONE
120	1918	1	5	100	PELECYPOD SHELLS
120	1919	1	16	100	PELECYPODS(V-SMALL),GASTROPODS,LEAF,WOOD,LARGE HOLOTHURIAN(QUERY)
120	1920	1	16	100	LONG NEREID-TYPE WORM,MANY OTHER WORMS,MEDIUM-SIZE HOLOTHURIAN(QUERY)
120	1921	3	1+	0	NOTHING GREATER THAN 1 MM EXCEPT 2 WOOD CHIPS
120	1922	1	2	0	NONE
120	1923	1	12	100	WOOD CHIPS,MUSSEL SHELLS + MANY SMALL SHELL FRAGS
120	1924	1	15	100	BARK + TWIGS,FEW SHELL FRAGS
120	1925	4	1	0	NONE
120	1926	1	14	100	FEW NEREID WORMS,SPARSE
120	1927	1	3	100	SPARSE,FRAGMENTS OF SAND DOLLARS,WORM TUBES

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	1928		1	5	100	NONE
120	1929		2	19	100	LARGE GASTROPOD(3-4CM),PIECE SEAWEED GROWING IN PLACE,LARGE PELECYPOD FRAGS
120	1930		1	8	100	NUMEROUS LIVE SAND DOLLARS,FEW PELECYPOD SHELLS
120	1931		1	3	100	SMALL PELECYPOD SHELLS + FRAGS
120	1932		1	16	100	MANY PELECYPODS + WORMS
120	1933		1	13	100	PELECYPOD SHELLS,SOME WORMS,VERY RICH FAUNA
120	1934		1	15	100	MANY WORMS + WORM TUBES,FEW PELECYPODS,VERY RICH FAUNA
120	1935		1	6	50	PELECYPOD SHELLS(MYTILUS QUERY)
120	1936		3	1	100	STARFISH,CLAMS
120	1937		1	2	100	PELECYPODS + ENCRUSTING ORGANISMS ON GRAVEL
120	1938		1	2	100	FEW SHELL FRAGS,MANY GRAVEL ENCRUSTING ORGANISMS
120	1939		1	2	100	PELECYPOD SHELLS
120	1940		1	6	100	MANY PELECYPOD SHELLS,MANY WORMS
120	1941		1	8	100	LAYER OF ORGANIC DEBRIS
120	1942		1	2	100	GASTROPOD,SPARSE,SANDDOLLAR
120	1943		1	16	50	MANY SMALL PELECYPOD SHELLS,1 STARFISH,WORMS
120	1944		1	15	100	MANY PELECYPODS + WORMS
120	1945		1	16	50	MANY PELECYPODS + WORMS
120	1946		1	15	100	WORMS + PELECYPODS
120	1947		1	15	50	SMALL PELECYPODS + GASTROPODS
120	1948		1	16	100	PELECYPODS,WORMS
120	1949		1	16	100	SPARSE-SMALL PELECYPODS + WORMS
120	1950		1	16	100	PELECYPOD SHELLS,SHIP CINDERS +BITUMINOUS COAL + SLATE
120	1951	A	1	2	100	LARGE PELECYPODS
120	1951	B	1	7	100	MANY SMALL PELECYPODS
120	1952		1	11	100	PELECYPODS,SPARSE FAUNA,FEW WORMS
120	1953		1	9	100	SURFACE HONEYCOMBED W/ WORM TUBES,GASTROPOD,PELECYPODS,NUMEROUS V.SM.WORMS,SPARSE FAUNA
120	1954		1	13	50	MANY OYSTERS + MUSSELS,WORM,SMALL CRAB
120	1955		1	15	100	PELECYPODS,FEW WORMS,SPARSE
120	1956		1	8	50	PELECYPODS,SPARSE
120	1957		2	6	100	FEW PELECYPOD SHELLS,FEW SMALL SAND DOLLARS,FAUNA VERY SPARSE
120	1958		1	4	100	PELECYPOD SHELLS,MANY SHELL FRAGS,WORM
120	1959		1	8	52	MANY WORMS,LARGE PELECYPOD SHELL
120	1960		1	5	100	PELECYPOD SHELLS + SHELL FRAGS,GASTROPOD,WORM
120	1961		1	5	50	PELECYPOD SHELLS + FRAGS
120	1962		1	1	100	MINIATURE PELECYPOD SHELLS,FEW WORMS
120	1963		1	2	100	HERMIT CRAB,SMALL PELECYPODS,GASTROPOD SHELL
120	1964		1	1	100	PELECYPOD + GASTROPOD
120	1965		1	5	100	MANY WORMS,PELECYPODS,ETC.
120	1966		1	8	25	VERY MANY MUSSELS,SOME WORMS
120	1967		1	6	100	PELECYPOD SHELL,MANY SHELL FRAGS,HERMIT CRAB,GASTROPOD SHELLS
120	1968		1	5	100	PELECYPOD SHELLS,FEW WORMS,MANY SHELL FRAGS
120	1969		1	16	50	MANY SM.PELECYPOD FRAGS IN THIN LAYER AT 10CM DEPTH,S/LIVE WORMS,MANY V.SM.WORM TUBES
120	1970		1	10	100	PELECYPOD SHELLS
120	1971		1	5	100	MANY SMALL PELECYPOD SHELLS
120	1972		1	6	100	NONE
120	1973	A	1	9	100	PELECYPOD SHELLS,VERY SPARSE
120	1973	B	1	9	100	PELECYPOD SHELLS,VERY SPARSE
120	1974		1	14	100	NONE SEEN
120	1975		1	13	100	NONE VISIBLE
120	1976		1	16	100	SMALL PELECYPODS
120	1977		1	16	75	PELECYPOD SHELLS,ONE FISH
120	1978		1	16	100	PELECYPOD SHELLS,WORMS,SEAWEED
120	1979		1	16	100	ORGANISMS SPARSE,SOME PELECYPOD SHELLS + WORMS
120	1980		3	2	0	NONE SEEN
120	1981		3	3	0	NONE VISIBLE
120	1982		1	15	100	WORMS,VERY SPARSE
120	1983		1	6	100	FEW PELECYPOD SHELLS + PLANT FRAGS
120	1984		3	2	0	NOTHING OBSERVED
120	1985		1	11	100	S/ PELECYPOD SHELLS,PLANT MATERIAL ATTACHED,PLANT FRAGS,SHELLS SIMILAR TO DENTALIUM
120	1986		1	16	100	PLANT FRAGS,NUMEROUS SMALL PELECYPODS + WORMS,SPARSE
120	1987		1	16	100	MANY SMALL PELECYPODS,SOME WORMS,SOME DENTALIUM-TYPE SHELLS,VERY SPARSE
120	1988		1	14	100	MANY TUBES OR SIPHONS STICKING 2MM ABOVE SURFACE,NUMEROUS MINIATURE ENSIS,RICH
120	1989		1	16	100	SPARSE,MOSTLY WORMS
120	1990		1	13	100	MANY WORMS + WORM TUBES,LITTLE ELSE
120	1991		1	16	100	FEW PLANT FRAGS,SPARSE
120	1992		1	13	100	SPARSE,FEW SHELLS(PELECYPOD + GASTROPOD)
120	1993		1	15	100	VERY SPARSE,FEW WORMS + PELECYPODS
120	1994		1	1	100	PELECYPODS(MUSSELS),GASTROPOD SHELLS,SMALL CRABS
120	1995		1	8	100	PELECYPODS ABUNDANT(MUSSELS,RAZOR CLAMS),WORMS
120	1996		1	3	100	VERY SPARSE,FEW PELECYPOD SHELLS + FRAGS,NOTHING LIVE SEEN
120	1997		1	2	100	NUMEROUS SMALL PELECYPODS,SAND DOLLAR,GASTROPOD,WORMS
120	1998		1	4	100	VERY NUMEROUS SMALL PELECYPOD SHELLS,SOME GASTROPODS
120	1999		1	2	100	ABUNDANT PELECYPOD SHELLS
120	2000		7	1	0	LARGE,ERODED OYSTER SHELLS
120	2001		1	6	100	MANY MINIATURE LIVE ENSIS,NUMEROUS WORMS + WORM TUBES
120	2002		1	6	100	SMALL SHELL FRAGS,FEW GASTROPOD SHELLS,FEW WORMS,SPARSE
120	2003		1	3	100	SEVERAL LARGE(6 CM) PELECYPOD SHELLS,MANY SMALL PELECYPOD SHELLS + FRAGS,GASTROPOD
120	2004		1	6	100	PELECYPOD SHELLS + SHELL FRAGS
120	2005		1	6	100	MANY PELECYPOD SHELLS + SHELL FRAGS,FEW WORMS
120	2006		1	1	100	SPARSE,WORMS,FEW SMALL SAND DOLLARS,SMALL PELECYPOD SHELLS + FRAGS
120	2007		1	1-	0	FEW PELECYPOD SHELLS + SHELL FRAGS
120	2008		1	12	100	MANY ISOPOD-LIKE THINGS,1CM,LIVING IN TUBES AT SURFACE,MANY WORMS,LIVE PELECYPODS
120	2009		1	7	100	MANY PELECYPOD SHELLS + FRAGS
120	2010		1	6	100	ISOPODS(QUERY),SOME SHELL FRAGS
120	2011		1	4	100	LARGE PELECYPOD,FEW SMALL PELECYPODS,MANY ISOPODS,MANY TUBES
120	2025		1	20	100	STARFISH,RAZOR CLAMS
120	2026		1	6	100	SAND DOLLARS
120	2027	A	1	17	100	WORMS,SMALL PELECYPOD SHELLS
120	2027	B	1	17	100	WORMS,SMALL PELECYPOD SHELLS

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2028	1	5	100	SOME WORMS
120	2029	1	5	100	STARFISH,SAND DOLLAR
120	2030	2	21	50	DEAD SHELLS(PECTEN,SAND DOLLARS),OYSTER SHELLS,LIVE RAZOR CLAMS
120	2031	1	40	25	WORMS,RAZOR CLAMS,SHELL FRAGS,LIVE SCALLOPS
120	2032	1	40	25	SHELL FRAGS,SHRIMP(QUERY)
120	2033	1	20	100	SMALL CLAMS + SNAILS,SEVERAL HEART URCHINS + SAND DOLLARS
120	2034	1	8	100	CLAMS,OYSTERS,SCALLOP SHELLS,WORMS
120	2035	1	15	100	NONE
120	2036	1	15	100	NONE
120	2037	3	0	0	NONE
120	2038	1	6	100	WORM TUBES,SAND DOLLAR,BROKEN RECENT CLAM SHELL
120	2039	3	6	100	SAND DOLLARS + WORMS
120	2040 A	1	20	100	NONE
120	2040 B	1	20	100	NONE
120	2041	1	3	100	NONE
120	2042	1	10	100	NONE
120	2043	3	10	100	MODERN SHELL FRAGS,WORMS,CRAB,SEA URCHIN
120	2044	1	5	100	SHELL FRAGS,DEAD SAND DOLLARS,GASTROPODS
120	2045	1	3	100	NONE
120	2046	1	35	100	SMALL-LARGE CLAM SHELLS,SOME GASTROPODS,WHOLE SHELLS
120	2047	2	10	100	NONE
120	2048	2	10	100	WORM TUBES
120	2049 A	1	8	100	RAZOR CLAMS,SHELL FRAGS,GASTROPODS,DEAD CLAM SHELLS
120	2049 B	1	8	100	RAZOR CLAMS,SHELL FRAGS,GASTROPODS,DEAD CLAM SHELLS
120	2050	2	7	100	SHELL FRAGS
120	2051	2	4	100	CLAM SHELLS,WORM TUBES,WORMS
120	2052	1	9	100	CLAM + GASTROPOD SHELLS,WORMS + TUBES,LIVING SAND DOLLARS,HEART URCHIN
120	2053	1	20	100	CRUSTACEAN,ANNELIDS,SAND DOLLARS
120	2054	1	25	100	SHELL DEBRIS
120	2055	1	18	100	NONE
120	2056	2	6	100	FAUNA SPARSE,AMPHIPODS + TUBES(UNCIOLA),FEW POLYCHAETES
120	2057	2	4	100	BRYOZOA,HYDROIDS,ASTRANGIA,FEW POLYCHAETES + AMPHIPODS,5 LARGE ANNELIDA TUBES
120	2058	1	20	100	SAND DOLLARS,URCHIN,PELECYPOD SHELL FRAGS
120	2059	1	4	100	RAZOR CLAMS,WORMS,SOME SHELL FRAGS
120	2060	1	4	100	SEA URCHIN,SOME SHELL FRAGS
120	2061	2	1	100	SAND DOLLARS
120	2062	2	25	100	POLYCHAETE WORMS
120	2063 A	1	15	100	SEA URCHINS,GASTROPODS,DEAD RAZOR + CLAM SHELLS,SHELL FRAGS,WORM
120	2063 B	1	15	0	NONE
120	2064	1	8	100	SAND DOLLAR,DEAD PELECYPOD SHELLS + SHELL FRAGS
120	2065 A	1	20	100	SHELL FRAGS,MOSTLY PELECYPODS,FEW TROPIC FORMS,ALL DEAD
120	2065 B	1	20	100	SHELL FRAGS,MOSTLY PELECYPODS,FEW TROPIC FORMS,ALL DEAD
120	2066	1	1-	0	NONE
120	2067	1	1-	0	POLYCHAETE WORM
120	2068	1	0	0	NONE
120	2069	1	80	50	POLYCHAETE WORMS
120	2070	1	80	50	OPHIUROID
120	2071	1	60	100	WORM + TUBE
120	2072	1	35	100	FORAMS,BRITTLE STAR,SHELL FRAGS,WORMS
120	2073	1	30	100	LARGE(1 FOOT) WORM
120	2074 A	1	25	100	WORMS,SPONGES,ECHINODERM(SEA URCHIN),WORM TUBES,PELECYPOD SHELLS,OTOLITHS,TWIG
120	2074 B	1	25	100	WORMS,SPONGES,ECHINODERM(SEA URCHIN),WORM TUBES,PELECYPOD SHELLS,OTOLITHS,TWIG
120	2075	1	50	100	SOME WORMS,OTOLITHS,GASTROPOD SHELLS
120	2076	1	85	100	FORAMS,SEA PEN,OTOLITHS,WORMS,PELECYPOD SHELLS,HOLOTHURIAN(QUERY)
120	2077	1	120	100	OTOLITHS,DEAD DELICATE GASTROPODS,FORAMS,WORM TUBES,SHELL FRAGS
120	2078	1	80	100	WORM TUBES,SEA CUCUMBER(LIVE),SHELL FRAGS
120	2079	1	110	100	FEW WORMS,SOME SHELL FRAGS,CUCUMBERS + OTHER THINGS
120	2080	1	10	100	STARFISH
120	2081	1	15	100	NONE
120	2082	1	110	100	WORM TUBES(MAINLY EMPTY ONES),WORMS,PROBNOPHORA
120	2083	2	130	100	ANNELIDA + TUBES,OTOLITHS
120	2084	1	100	100	BRITTLE STAR,WORMS,TUBES,GASTROPOD SHELLS,OTOLITHS
120	2085	1	70	100	OTOLITHS,HOLOTHURIAN(QUERY),PELECYPOD SHELLS
120	2086	1	60	100	LIVE BRITTLE STAR,FEW SHELL FRAGS
120	2087	1	50	100	COELENTERATE,OTOLITH,ECHINOID SPINES,SQUID BEAKS,FORAMS
120	2088	1	35	100	SEA WHIPS OR PENS,BRITTLE STARS GASTROPOD SHELLS,OTOLITHS
120	2089	1	55	100	WORMS,OTOLITHS,FORAMS,SEA TWIGS(QUERY),BRITTLE STAR ARMS
120	2090	1	80	100	WORM TUBES,SOME SHELL FRAGS
120	2091	1	90	100	WORM TUBES,SOME SHELL FRAGS
120	2092	1	50	100	ANNELIDA
120	2093	1	40	100	NONE
120	2094	1	85	100	WORM TUBES
120	2095	1	35	100	OTOLITHS,FORAMS,WORM,URCHIN SPINE(QUERY)
120	2096	1	60	100	SEA CUCUMBER(GREEN)
120	2097	1	75	100	NONE
120	2098	1	50	100	FEW WORM TUBES,POOR
120	2099	2	70	100	PROBNOPHORA,WORM TUBES
120	2100	1	35	100	URCHIN SPINES,OTOLITHS,FORAMS
120	2101	1	95	100	URCHIN SPINES,WORMS IN WORM TUBES,FORAMS + OTOLITHS
120	2102 A	1	45	100	WORMS,OTOLITHS,FORAMS,SPINES
120	2102 B	1	45	100	WORMS,OTOLITHS,FORAMS,SPINES
120	2103	1	3	100	FORAMS
120	2104	1	12	100	QUAHOG,ECHINODERMS
120	2105	1	15	100	POLYCHAETES,SAND DOLLARS
120	2106	1	25	100	STARFISH
120	2107	1	88	100	BRITTLE STARS,PROBNOPHORA,SQUID MANDIBLES,SCAPHOPODS,POLYCHAETES,FORAMS,OTOLITHS
120	2108	1	110	100	OPHIUMUSIUM,PTEROPODS,POLYCHAETE TUBES,ASTEROID,OTOLITHS,GSTR SHLS,ALCYONARIAN,PROBNOS
120	2109 A	2	40	100	STARFISH,WORMS,PELECYPOD + DENTALIUM SHELLS,OTOLITHS
120	2109 B	2	40	100	STARFISH,WORMS,PELECYPOD + DENTALIUM SHELLS,OTOLITHS
120	2110	3	55	100	LARGE HOLOTHURIAN,BRITTLE STARS,5-10 ASCIDIANS,FORAMS,V.FEW POLYCHAETES OR TUBES

CODE #	STATION #		NO. OF DROPS	V B L	% PROC.	BIOLOGY
120	2111		1	65	100	FORAMS,SMALL SHELLS,OTOLITHS
120	2112		1	4	100	WORM TUBES,WORMS,CARBON FRAGS(QUERY)
120	2113		1	35	100	V.SPARSE,PART OF HOLOTHURIAN,FEW FORAMS,OTOLITHS NUMEROUS,GASTROPODS(LIVE QUERY)
120	2114		1	100	100	LARGE FORAMS,WORM TUBES,FEW WORMS
120	2115		1	50	100	SPINES,FORAMS,URCHIN,SHELL FRAGS
120	2116		1	60	100	V.SPARSE,FEW POLYCHAETES,FORAMS+PLCY,SPONGE SPICULES,OTOLITHS,SQUID MANDIBLES
120	2117		1	78	100	FORAMS,OTOLITHS
120	2118		1	30	100	OTOLITHS,WORMS
120	2119		1	90	100	BRITTLE STAR,FEW PELECYPODS,POLYCHAETES,CEPHALOPOD MANDIBLES,MANY FORAMS+OTOLITHS
120	2120		1	75	100	SMALL STARFISH,OTOLITHS
120	2121		1	70	100	FORAMS,WORMS,BEAUTIFUL GASTROPOD SHELL
120	2122		1	125	100	WORMS,WORM TUBES,OTOLITHS
120	2123		1	80	100	FORAMS,WORMS,OTOLITH,SHRIMP,GASTROPOD
120	2124		1	50	100	LRG.OPHIOMUSIUM,FORAMINIFERA,POLYCHAETES,PELECYPODA(YOLDIELLA),ALCYONARIAN,DENTALIUM
120	2125		1	40	100	NONE
120	2126		1	0	0	NO SAMPLE
120	2127		1	60	100	STARFISH(BRISINGIDAE QUERY)ARMS 10CM,FORAMINIFERA,DEAD GASTROPODA + PELECYPODA
120	2128		1	100	100	FEW POLYCHAETE TUBES,ALCYONARIANS,PELECYPOD + GASTROPOD SHELLS,DENTALIUM SHL,OTOLITHS
120	2129		1	95	100	FORAMINIFERAS,WORM TUBES,FORAMS,SQUID BEAKS
120	2130		1	85	100	FORAMS,WORM TUBES,SMALL SHELLS(PELECYPODS)
120	2131		1	60	100	WORMS + TUBES,OTOLITHS,FORAMS
120	2132	A	1	8	100	BRITTLE STAR,WORMS,ENCRUSTING BLOBS ON PEBBLES,WORM TUBES,FORAMS
120	2132	B	1	8	100	BRITTLE STAR,WORMS,ENCRUSTING BLOBS ON PEBBLES,WORM TUBES,FORAMS
120	2133		1	100	100	BRITTLE STARS,PLCY.LIVE,GSTR.DEAD,ASCIDIAN,1 NEPHTEYS,FORAMS,OTOLITHS,SQUID MANDIBLES
120	2134		1	80	100	BRITTLE STAR,HOLOTHURIANS,FORAMS,SQUID BEAKS,PELECYPOD SHELLS
120	2135		1	70	100	BRITTLE STAR,SQUID BEAKS,OTOLITHS,WORMS,FORAMS
120	2136		1	35	100	SIPUNCULID OR PRIAPULID,OPHIUROIDEA,GSTR.SHLS,PLCY.SHLS(SCAPHANDER),SEVERAL POLYCHAETES
120	2137		1	70	100	FEW POLYCHAETES,MOLLUSK SHLS,1-2 FORAMINIFERA,SEVERAL OTOLITHS,FAUNA V.SPARSE
120	2138		1	80	100	FORAMINIFERAS,FORAMS,WORM TUBES
120	2139		1	25	100	WORMS,SHELL FRAGS,PELECYPODS
120	2140		1	70	100	MLSC.SHLS,PLCYS,POLYCHAETES,CEPH.MANDS,ECHN.FRAGS,OTOLITHS,FORAMINIFERA,OPHIUROID,ASTEROID
120	2141		1	90	100	HOLOTHURIAN,PLCYS,GSTR SHLS,FORAMINIFERA,LUMBRINERIDAE,DENTALIUM SHL,COELENTERATES
120	2142		1	20	100	FEW WORMS,FORAMINIFERA
120	2143		1	65	100	BRITTLE STARS,WORM,OTOLITHS,SQUID BEAKS
120	2144		1	80	100	ELONGATE ECHN,POLYCHAETES,MLSC.SHLS,OTOLITHS,CEPHALOPOD MANDIBLES,FORAMS
120	2145		1	120	100	FORAMS,DENTALIUM
120	2146		1	90	100	BRITTLE STAR,OTOLITH,WORMS,SHELL FRAGS
120	2147		1	100	100	FORAMINIFERA,PLCY SHLS,FORAMS,OTOLITHS,CEPHALOPOD MANDIBLES,FAUNA V.SPARSE
120	2148		2	105	100	SEA URCHIN,FORAMS,SMALL PELECYPOD SHELLS,WORM TUBES
120	2149		1	2	100	SHELL FRAGS,WORMS,FORAMS
120	2150	A	1	90	100	CORAL,FORAMS,WORM TUBES
120	2150	B	1	90	100	CORAL,FORAMS,WORM TUBES
120	2150	C	1	90	100	CORAL,FORAMS,WORM TUBES
120	2151		1	75	100	POLYCHAETES,MLSC SHLS,FORAMINIFERA,CEPHALOPOD MANDIBLES,OTOLITHS,FORAMS,BRITTLE STAR
120	2152		1	40	100	DENTALIUM,BRITTLE STARS,SHELLS,WORMS
120	2153		1	22	100	BRITTLE STARS,SHELL FRAGS
120	2154		1	90	100	BRIASTER,FORAMINIFERA,POLYCHAETES,CEPHALOPOD MANDIBLES,TANAID,FORAMS
120	2155		1	100	100	FORAMS,FORAMINIFERA, HOLOTHURIAN W/FECAL PELLETS+PIECE OF BRASS
120	2156		1	45	100	BRITTLE STARS,SHELL FRAGS,SCAPHOPODS,WORMS,OTOLITHS
120	2157		1	95	100	HOLOTHURIAN,POLYCHAETES,PLCYS(LIVE),FORAMINIFERA,FORAMS,OTOLITHS,CEPHALOPOD MANDIBLES
120	2158		1	85	100	PRIAPULIDA,FORAMINIFERA,POLYCHAETES,DENTALIUM SHLS,FORAMS,OTOLITHS,CEPHALOPOD MANDIBLES
120	2159		1	85	100	WORM TUBES,BRITTLE STARS,FORAMS,PELECYPOD SHLS
120	2160		2	7	100	WORM TUBES,ORGANISMS ATTACHED TO ROCK
120	2161		1	98	100	OTOLITHS,WORMS,WORM TUBES,SHELL FRAGS,FORAMS
120	2162		1	80	100	SEA URCHIN,BRITTLE STARS,WORMS,OTOLITHS,PELECYPOD,GASTROPOD + SCAPHOPDA SHELLS
120	2163		1	100	100	BRITTLE STARS,TANAID,GSTR+PLCY SHLS,WORM TUBES OF F.TESTS,POLYCHAETES,FORAMS,BRIASTER
120	2164		1	40	100	POLYCHAETE,FORAMS,PIECES OF GLASS SPONGE,FORAMINIFERA
120	2165		1	70	100	WORMS,SIPHUNCULIDS,FORAMINIFERA,BRITTLE STARS
120	2166		1	80	100	FORAMS,BRYOZOANS
120	2167		1	80	100	WORMS,FORAMS,FEW MOLLUSK+GASTROPOD SHELLS,LARGE ECHIUROID(BRN + PURPLE COLOR)
120	2168		1	85	100	URCHIN,OTOLITHS,FORAM LINED WORM TUBES,SHELL FRAGS,FORAMINIFERA
120	2169		1	90	100	OPHIUROID,LRG.TANAIDS,FORAMINIFERA,ELONGATE ARENACEOUS FORAMS,FAUNA V.SPARSE
120	2170		1	90	100	SEA URCHIN(IN 1 PINT JAR),FORAMS,GENERALLY VERY POOR
120	2171		1	40	100	OPHIUROID,WORMS(QUERY)
120	2172		1	10	100	HOLOTHURIAN,SQUID BEAKS,FORAMS,BRITTLE STAR,WORM TUBES,WORMS,OTOLITHS
120	2173		1	35	100	HOLOTHURIANS,SQUID BEAKS,OTOLITHS,WORM TUBES(CHITINOUS),DEAD SCAPHOPOD,GSTR+PLCY.SHELLS
120	2174		1	70	100	OPHIUROID,HOLOTHURIANS,FORAMINIFERA,PLCY+GSTR SHLS,POLYCHAETE TUBES,F,SQUID MANDIBLES
120	2175		3	16	100	HYALINOECIA IN TUBES,ASTARTE SHELLS,ARENACEOUS FORAMS
120	2176		1	3	100	HYALINOECIA IN TUBES,AMPHIPODA,OPHIUROID,SCAPHOPOD SHLS,POLYCHAETES,PLCY.SHLS,FORAMS
120	2177		1	35	100	LOBSTER CLAW,WORMS+TUBES,AMMODISCUS,OTHER FORAMS,PELECYPODS,BRYOZOANS
120	2178		2	146	100	HOLOTHURIAN,WORM TUBES
120	2179		2	1*	100	NONE
120	2180		1	1*	100	ANNELID,1 WORM TUBE
120	2181		3	110	100	WORMS+TUBES,GASTROPODS,FORAMS BENTHONIC+PLANKTONIC,PTEROPODS,SQUID BEAKS
120	2182		1	25	100	WORMS+TUBES,PELECYPODS-MOSTLY DEAD,SHELL HASH,GASTROPODS,PTEROPOD,SOFT-BODIED GLOOP,F.
120	2183		2	1*	100	OPHIUROID,FORAMS,OTOLITHS
120	2184		1	1*	0	NONE
120	2185		1	75	100	HOLOTHURIAN,WORMS+TUBES,COILED GASTROPODS,PELECYPODS,FORAMS,
120	2186		1	30	100	HOLOTHURIAN,STARFISH,PELECYPODS,GASTROPODS,FORAMS
120	2187		1	1*	100	FORAMS,BRYOZOAN
120	2188		1	40	100	HOLOTHURIAN,LARGE FORAMS,WORMS,FORAMINIFERA
120	2189		2	138	100	SHELL DEBRIS,HOLOTHURIANS,OTOLITHS,ECHINOID SPINES
120	2190		1	100	100	ANNELID TUBES,PARCHMENT WORMS,SERPULIDAE TUBES,GSTR+PLCY SHELLS,PIECE CORALLINE ALGAE
120	2191	A	2	10	100	CORALS,WORMS+TUBES,CLAMS,SCALLOPS,GASTROPODS,ETC.
120	2191	B	2	10	100	CORALS,WORMS+TUBES,CLAMS,SCALLOPS,GASTROPODS,ETC.
120	2192		2	125	100	SEA URCHIN,SMALL STAR,WORMS,SMALL AMOUNT SHELL HASH
120	2193		1	65	100	FEW WORM TUBES,PELECYPODS,MUCH DEAD SHELL MATERIAL
120	2194		2	100	100	FORAMINIFERA,DENTALIUM,FEW GASTROPODS,LARGE HOLOTHURIAN
120	2195		1	150	100	ANNELID TUBES,SEA PEN,SCAPHOPOD SHELLS
120	2196		1	45	100	WORMS,GASTROPODS,PELECYPODS,ECHINOIDS,WORM TUBES

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY 1970 - 35002
120	2197	3	280	25	SCAPHOPODS,WORMS+TUBES
120	2198	2	14	100	SCALLOPS,MUSSELS,QUAHOGS,TUNICATES,WORMS,GSTRS,40CM.FISH,ALGAE,STARFISH,TRNSLUCNT MASS
120	2199	1	40	100	LARGE ANGLER FISH,SCALLOPS
120	2200	3	120	50	WORMS+GLOBS,CHITINOUS TUBES,PELECYPODS,SM.GASTROPODS,HORN CORAL,SM.OPHIUROID
120	2201	1	85	100	SPARSE,1 GASTROPOD
120	2202	1	65	100	NUMEROUS V.SMALL PINK BRITTLE STARS,OTHERWISE SPARSE,BROKEN GASTROPOD SHELLS
120	2203	1	100	100	ANNELIDS,HOLOTHURIANS GSTRS,PLCYS,FORAMS(15-20%),PIECE OF VERTEBRAE(FISH QUERY)
120	2204	1	125	66	FORAMS,WORMS(ANNELIDS),GSTRS,SPONGES(QUERY ON ROCK),PELECYPODS
120	2205	1	45	100	VERY SPARSE,ALMOST NOTHING SEEN
120	2206	1	70	100	SEA URCHINS,HOLOTHURIANS OR POGONOPHORA(DISPUTED)ASTEROIDS,OPHIUROIDS,PLCYS,F,GLOBS.
120	2207	1	1-	100	FORAMS
120	2208	1	0	0	NONE
120	2209	1	30	100	FORAMS,SCAPHOPODS,GSTRS,PLCYS,WORMS,CHITINOUS TUBE W/SD+CALC PARTICLES,GLAUC.INSIDE
120	2210	1	48	100	V.LRG,S/AREN.F,5-10%,WORMS W/ORGANIC TUBES,URCHINS,PLCYS,SPONGES ON RK,CHITIN SHL-QUERY
120	2211	1	35	100	VERY SPARSE
120	2212	1	40	100	V.SM.F,CHITINOUS LONG WORM TUBES,V.SM.PLCYS,GSTRS,COPROLITES,ORN.GELATINOUS SPHERE,2MM
120	2213	2		100	BARNACLES,STARFISH,HYDROZOANS,SCALLOP,BRACHIOPODS,SPONGES QUERY
120	2214	1	50	100	STARFISH,OPHIUROIDS,BRACHS,SPONGE-LIKE MASSES,HYDROZOA,PLCYS,WORMS,BRYOZOA,SHRIMP,
120	2215	2	2	100	SCALLOPS,MYTILUS,PLCYS,SPONGES,BRYOZOA,BRACHIOPODS,WORMS(LIME SECRETIONS)
120	2216	2	1-	100	NONE
120	2217 A	2	1-	100	NONE
120	2217 B	2	1-	100	NONE
120	2218	1	1-	100	NONE
120	2219	1	1-	100	LEAVES
120	2220	1	16	56	PINE NEEDLES,PELECYPODS-LIVE+DEAD
120	2221	1	16	62	SMALL PELECYPOD SHELLS,ESPECIALLY IN UPPER 2-3 CM
120	2222	1	16	62	PELECYPODS
120	2223	1	16	62	PELECYPODS,LEAF FRAGS
120	2224	1	16	62	LEAVES,PELECYPODS
120	2225	1	16	56	MANY LEAF FRAGS,WOOD FRAGS,WORMS
120	2226	1	16	56	PELECYPODS,ORGANIC MATERIAL
120	2227 A	1	14	100	PELECYPODS,ABOUT 2CM
120	2227 B	1	14	0	-
120	2228	1	16	100	VERY LITTLE
120	2229	1	5	100	SMALL DEBRIS ONLY,APPEARING TO BE PLANT ORIGIN
120	2230	1	6	100	OYSTER SHELLS+FRAGS
120	2231	1	3	100	SMALL SHELLS+FRAGS
120	2232	1	16	100	SMALL PELECYPODS+FRAGS
120	2233	1	4	100	SMALL SHELLS+FRAGS
120	2234	1	16	100	SMALL SHELLS+FRAGS
120	2235	1	6	100	SMALL SHELLS+FRAGS
120	2236	1	16	50	MANY SMALL SHELLS+FRAGS
120	2237	1	16	100	MOSTLY SMALL SHELL FRAGS
120	2238	1	14	100	OYSTER SHELLS+FRAGS,ALL SEEM TO BE BELOW 6CM
120	2239	1	16	100	FEW WORMS,SHELL FRAGS,SMALL PELECYPODS
120	2240	1	14	100	MANY SMALL PELECYPOD SHELLS OF UNIFORM SIZE
120	2241	4	1	100	NOTHING
120	2242	1	1	100	NOTHING
120	2243	1	1	100	NOTHING
120	2244	1	16	100	SMALL PELECYPOD SHELLS
120	2245	1	16	100	SMALL(1.5CM) PELECYPOD SHELLS
120	2246	1	16	100	MOSTLY PLANT FRAGS
120	2247	1	1-	100	SHELL FRAGS ONLY
120	2248	1	1-	100	MANY SHELL FRAGS+ ONE STALK CORAL(QUERY)
120	2249	1	1-	100	SMALL SHELL FRAGS ONLY
120	2250	1	7	100	SHELL FRAGS
120	2250U				-
120	2251	1	2	100	GREEN PLANTS GROWING OUT OF SURFACE,RED WORM TUBES(QUERY)
120	2252	1	5	100	NUMEROUS SMALL SHELL FRAGS
120	2253	1	6	100	SMALL SHELLS+FRAGS
120	2254	1	9	50	SMALL SHELL DEBRIS
120	2255	1	1	100	NONE
120	2256	1	9	100	SMALL SHELL FRAGS,OYSTER SHELLS
120	2257	1	7	100	SHELLS+FRAGS,ESPECIALLY OYSTERS
120	2258	2	9	100	SMALL SHELL FRAGS,FEW LARGE SHELLS
120	2259	1	5	100	SMALL SHELL FRAGS,1 SOFT-BODIED FORM,1 CRAB-LIKE FORM
120	2260	1	7	100	SMALL SHELLS+FRAGS
120	2261	1	9	100	SMALL SHELL FRAGS
120	2262	1	4	100	SHELL FRAGS,ONE WORM
120	2263	1	11	100	SMALL SHELL FRAGS,ONE WORM
120	2264	1	15	50	MANY SMALL SHELLS,MOSTLY PELECYPODS,LARGE WOOD FRAGS
120	2265	1	6	50	SHELL FRAGS
120	2266	1	13	100	VERY LITTLE,FEW SHELL FRAGS+ONE JUICY WORM
120	2267	1	8	100	VERY LITTLE,ONE CRAB
120	2268	1	3	100	SMALL SHELL FRAGS
120	2269	1	9	100	SHELL FRAGS,FEW PELECYPOD SHELLS
120	2270	1	13	77	NONE
120	2271	1	12	100	WORM TUBES ON SURFACE,PELECYPOD SHELLS
120	2272	1	13	50	PLANT FRAGS
120	2273	1	14	50	PELECYPOD SHELL FRAG,MANY SMALL FRAGS
120	2273U	1	1	100	MANY BRITTLE STARS
120	2274	1	6	60	WORM TUBES,PELECYPOD SHELLS,2 CRABS,STARFISH
120	2275	1	1	100	NONE
120	2276	1	15	47	SOME PLANT REMAINS
120	2277 A	1	14	100	SHELL FRAGS,PLANT DEBRIS
120	2277 B	1	14	100	SHELL FRAGS,PLANT DEBRIS
120	2277 C	1	14	100	A+B COMBINED
120	2278	1	2	100	NONE
120	2279	1	1	100	MANY SHELL FRAGS
120	2280	1	3	100	SAND DOLLARS,SMALL SHELLS

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2281	1	3	100	SHELL FRAGS,SAND DOLLAR FRAGS
120	2282	1	3	100	FEW SMALL SHELL FRAGS+PELECYPOD SHELLS
120	2283	1	3	100	SHELL FRAGS+MANY SMALL PELECYPOD SHELLS
120	2284	1	3	100	SMALL SHELLS
120	2285	1	2	100	SMALL SINGLE PELECYPOD SHELLS+FRAGS
120	2286	1	14	100	SMALL PELECYPOD SHELLS,WORMS+FRAGS
120	2287	1	16	100	SMALL PELECYPOD SHELLS+FRAGS
120	2288	1	4	100	SAND DOLLAR ON SURFACE,SHELLS+FRAGS
120	2289	1	2	100	SHELLS
120	2290	1	3	100	SMALL PELECYPOD SHELLS,SAND DOLLARS
120	2291	1	2	100	SEASTAR+SEAROSE,BIG RAZOR CLAM,SHELLS+FRAGS
120	2292	1	4	100	SHELLS+FRAGS
120	2293	1	3	100	ANNELID WORMS+SHELLS
120	2294	1	5	100	SHELLS+FRAGS
120	2295	1	6	100	SAND DOLLAR,CRAB,SHELLS+FRAGS
120	2296	1	2	100	SHELLS+FRAGS
120	2297	1	1	100	SHELLS+FRAGS
120	2298	1	3	100	SHELLS+FRAGS
120	2299	1	3	100	SHELLS+FRAGS
120	2300	1	10	100	NONE
120	2301	1	10	100	NONE
120	2302	1	10	50	NONE
120	2303	4	1=	100	NONE
120	2304A	1	2	100	NONE
120	2304B	1	2	100	NONE
120	2304C	1	2	100	NONE
120	2304D	1	2	100	NONE
120	2305	1	5	100	SHELLS+FRAGS
120	2306	1	6	75	SHELLS+ROUNDED FRAGS,ECHINODERM FRAGS
120	2307	1	5	100	SHELLS+FRAGS,AMPHIPODS+ANNELIDS
120	2308	1	5	100	ANNELIDS,SHELLS,AMPHIPODS+FRAGS
120	2309	1	6	100	SHELLS+FRAGS,ECHINODERM FRAGS
120	2310	3	1	100	GREEN-LEAFED PLANTS,SHELLS+FRAGS,AMPHIPODS
120	2311	2	1=	100	PLANTS,SHELLS+FRAGS
120	2312	1	7	100	SHELLS+FRAGS
120	2313	1	2	100	SHELLS,DENTALIUM+FRAGS
120	2314	1	5	100	SHELLS+ANNELIDS
120	2315	1	5	100	ANNELIDS,SHELLS,SAND DOLLARS
120	2316	1	7	50	SHELLS+FRAGS
120	2317	1	8	100	SHELLS+FRAGS
120	2318	1	8	50	SHELLS+FRAGS
120	2319	1	6	100	SHELLS
120	2320	1	8	100	SHELLS,AMPHIPODS,FRAGS
120	2321	1	1	100	SHELLS+ANNELIDS
120	2322	1	1	100	SHELLS+ANNELIDS
120	2323	1	3	100	ANNELIDS+SHELLS
120	2324	1	1	100	SHELLS,ANNELIDS
120	2325	1	8	100	WORN SHELLS
120	2326	1	1	100	ONE OYSTER SHELL
120	2327	1	8	100	SHELLS+FRAGS
120	2328	1	1	100	SHELLS+ANNELIDS
120	2329	1	7	50	SHELLS+FRAGS
120	2330	1	2	100	ANNELIDS,SHELLS,AMPHIPODS
120	2331	1	6	100	SHELLS,FRAGS,ANNELIDS
120	2332	1	3	100	AMPHIPODS,ANNELIDS,SHELLS
120	2333	1	3	100	SHELLS+ANNELIDS
120	2334	1	2	100	GLOBIGERINA,PTEROPODS
120	2335	1	4	100	"
120	2336	1	60	100	PTEROPODS,FORAMS,FEW OTHER SHELLS
120	2337	2	20	100	PTEROPODS,CORAL,SHELL FRAGS,ECHINOID PLATE
120	2338 A	1	45	100	"
120	2338 B	1	45	100	"
120	2339	1	200	100	SEA CUCUMBER,CORAL+SOME ALIVE,SEA FANS
120	2340	1	100	100	"
120	2341	1	5	100	FORAMS+PTEROPODS
120	2342	1	5	100	"
120	2343	1	5	100	PTEROPODS+FORAMS
120	2344	1	154	100	CORAL,GLOB.OOZE,FEW GORGONACEA,ONE OPHIUROIDAE
120	2345	1	5	100	MANY SPICULES,YELLOW-ORANGE FINCH ANIMAL
120	2346	1	5	100	FORAMS,PTEROPODA,PELECYPODA
120	2347 A	2	65	100	PTEROPODS,FORAMS,SARGASSUM,PORONOPHORA QUERY
120	2347 B	2	65	100	PTEROPODS,FORAMS,SARGASSUM,PORONOPHORA QUERY
120	2348	1	5	100	PTEROPODS,FORAMS
120	2349	1	4	100	3 CORALS
120	2350	1	5	100	PTEROPODS+FORAMS
120	2351	1	4	100	FORAMS,MOLLUSCA
120	2352	1	5	100	SPARSE
120	2353	1	4	100	PTEROPODS+FORAMS
120	2354	1	4	100	NOT MUCH
120	2355A	1			NONE
120	2355B	1			NONE
120	2355C	1			NONE
120	2356	1	5	100	PTEROPOD,2 FISH CAUGHT IN SARGASSUM WITH SEINE
120	2357	1	5	100	NOT MUCH
120	2358	1	5	100	GLOB+PTERODS
120	2359	1	4	100	CIRRIPEDIA,15CM LONG FISH,PTEROPODS+FORAMS
120	2360	1	4	100	GOOD PLANKTON HAUL
120	2361	1	6	100	NOTHING
120	2362	1	6	100	"
120	2363	1	5	100	"

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CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2364	1	4	100	NONE
120	2365	1	5	100	FORAMS+PTEROPODS,SMALL PORTIONS OF CRUSTACEAN
120	2366	1	2	100	PTEROPODS,SHELL FRAGS,CORAL,2 REDDISH OPHIUROIDES,SARGASSUM
120	2367	2	5	100	"
120	2368	1	2	100	SARGASSUM,PARTUMIDAE
120	2369	1	5	100	"
120	2370	1	5	100	CORALS
120	2371	1	5	100	SARGASSUM,PTEROPOD+FORAM RESIDUE W/SMALL CORAL,DECAPODA LARVAE,CRABS
120	2372	1	4	100	FORAMS
120	2373	1	4	100	NOT MUCH
120	2374	1	100	100	NO BIOLOGY
120	2375	2	10	100	CORAL-LOOSE+IN PLACE
120	2376	1	1	100	NOT MUCH
120	2377	2	2	100	FORAMS,ANIMAL REMAINS ABUNDANT
120	2378	1	3	100	1 LARGE ECHINOIDEA SEVERAL CM ACROSS
120	2379	1	4	100	FORAMS,CORAL,NOT MUCH
120	2380	1	4	100	NOTHING
120	2381	1	200	100	BROKEN PIECES OF PORIFERA
120	2382	1	130	100	6-8 SPONGES,1 20CM LONG FAN ANIMAL QUERY,PTEROPODS,SPICULES
120	2383	1	204	100	MANY SPONGES,CALC+GLASS,FEW HYDROIDS,SEA URCHINS ETC.
120	2384	1	52	100	PORIFERA,ECTOPROCTA ON MN-P2O5,GORGONACEA
120	2385	1	4	100	NODULES COVERED WITH LIVE BIOLOGY
120	2386	1	5	100	PTEROPODS,NOT MUCH
120	2387	1	300	100	SPONGES WITH ENCRUSTING GROWTH,HYDROIDS,CORAL,STARFISH,MN.SLABS COVERED W/RED GROWTH
120	2388	1	300	100	GORGONACEA,SM.PORIFERA,SPONGES+CORAL ON MN.
120	2389	1	304	100	LIVING ORGANISMS ON MN.SLABS,SPONGE,GASTROPOD
120	2390	1	150	100	COUPLE SPONGES
120	2391	3	1	100	CORAL,HYDROZOA
120	2392	1	20	100	FORAMS,PTEROPODS,SHELL FRAGS
120	2393	1	20	100	NOT MUCH
120	2394	1	30	50	NOT MUCH,PTEROPODS
120	2395	1	20	100	MUCH SHELL MATERIAL,GLOBIGERINA
120	2396	1	100	100	FAN(BIOLUMINESCENT),CORAL FRAGS,GASTROPODS
120	2397	1	7	100	FOSSIL CLAMS,SHARK TEETH,LIVE SOLITARY CORAL,FOSSILS,ETC.
120	2398	1	75	100	SPONGE+CORAL ON ROCK
120	2399	1	15	100	FOSSIL BONE+SHELL
120	2400	1	15	100	AMPHIOXUS
120	2401	1	15	100	1 LARGE ECHINOIDEA
120	2402	1	15	100	"
120	2403	2	15	100	"
120	2404	1	15	100	SMALL POLYCHAETES,ECHINOIDES,ETC.
120	2405	1	15	100	NONE
120	2406	1	15	100	ONE SMALL FISH
120	2407	1	15	100	CIRRIPEDIA+WORM TUBES
120	2408	1	15	100	2 SMALL FISH
120	2409	1	15	100	NONE
120	2410	1	15	100	ONE ASTEROIDEA
120	2411	1	15	100	LARGE ECHINOIDEA SEVERAL CM LONG,1 PORTUNIDAE
120	2412	1	4	100	FLOUNDER,ECHINOIDEA,MEDUSAE,SMALL ASTEROIDEA
120	2413	1	23	100	CORAL,SMALL HYDROIDES
120	2414	1	24	100	CORAL,ONE RAY 15 CM.LONG,GORGONACEA
120	2415	1	4	100	NONE
120	2416	1	10	100	2 TRIGGER FISH,SEA HORSE,BARNACLE ENCRUSTED SHELLS
120	2417	1	1	100	SAND DOLLARS,SHELLS WITH BARNACLES,PENNATULLACEA
120	2418	1	17	100	SHELL,CORAL,ALL KINDS BIOLOGY
120	2419	1	13	100	BASKET STAR,SAND DOLLARS,STARFISH,MOSTLY SHELL
120	2420	1	20	100	CLAMS,STARFISH
120	2421	1	15	100	POLYCHAETES,SHELLS
120	2422	1	15	100	STARFISH,POLYCHAETES,1 AMPHIOXUS
120	2423	1	15	100	5 OR 6 AMPHIOXUS,FEW POLYCHAETES
120	2424	1	15	100	AMPHIOXUS
120	2425	1	15	100	AMPHIOXUS,POLYCHAETES
120	2426	1	15	100	MASS CONGLOMERATE OF INVERTEBRATES,AMPHIOXUS ABUNDANT
120	2427	1	15	100	MASS CONGLOMERATE OF INVERTEBRATES,AMPHIOXUS
120	2428	1	15	100	FEW SMALL POLYCHAETES+NUMEROUS CTENOPHORA CAUGHT IN DIP NET ON SURFACE
120	2429	1	15	100	1 CTENOPHORA CAUGHT ON SURFACE
120	2430	1	2	100	FEW WORM TUBES,ASSORTED SHELLS,PTEROPODS,SCAPHOPODS,ETC.
120	2431	1	3	100	BROKEN SHELLS+ANNELIDS
120	2432	1	2	100	SARGASSUM,2 STARFISH,CORAL FRAG,BROKEN SHELLS,SMALL CRAB QUERY
120	2433	1	2	25	SMALL SHELLS
120	2434	1	5	100	VARIOUS SHELLS,PTEROPODS
120	2435	1	3	100	PTEROPODS,1 CRAB
120	2436	1	3	100	SHELLS,CORALS,WORM TUBES
120	2437	1	2	100	SOME SMALL SHELLS
120	2438	1	301	100	SPONGES,HYDROIDES,RIB BONES
120	2439	1	100	100	WHITE CORAL FRAGS
120	2440	1	81	100	SOME LIVE CORAL,SEA ANEMONE,CRAB,RAT TAIL FISH
120	2441	1	4	100	PTEROPOD SHELLS,1 RAY-UNDETERMINED SPECIES,MANY CORAL FRAGS,GLOBIGERINA
120	2442	1	4	100	1 NEEDLE FISH,2 HALF BEAKS NETTED FROM SURFACE
120	2443	2	2	100	PTEROPODS,GLOBIGERINA
120	2444	1	2	100	PTEROPODS,GLOBIGERINA
120	2445	1	4	100	SHELLS+FOSSIL MATERIAL
120	2446	1	79	100	SEA ANEMONE,TUSK SHELL,PTEROPODS
120	2447	1	14	100	SPONGES
120	2448	1	2	100	PTEROPODS,FORAMS,SHELLS
120	2449	1	8	100	SHELLS,FORAMS,PTEROPODS,SPONGE SPICULES,WORMS,CORALS,ECTOPROCTS
120	2450	1	2	100	PTEROPODS,ETC.
120	2451	1	5	100	NOT MUCH
120	2452	1	252	100	CORAL FRAGS,LIMPETS,BRITTLE STARS,GALATHEID SHRIMP QUERY,ANNELID
120	2453	1	104	100	LIVE CORAL,SOME PLANTS,FEW PELECYPODS

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2454		1	9	100	SEA CUCUMBER
120	2455		1	7	100	TURRET SHELL
120	2456		1	2	100	SHELLS,SPONGE SPICULES
120	2457		1	15	100	MANY PTEROPODS,FORAMS
120	2458		1	162	12	PTEROPODS,FEW CORALS
120	2459		1	75	100	NO BIOLOGY
120	2460		1	2	100	MOSTLY SHELLS
120	2461		1	105	100	SNAPPING SHRIMP,ISOPOD,BRITTLE STARS,ANNELID,SEA PEN QUERY,ECTOPROCTS,TUNICATE,SPONGES
120	2462		1	6	100	"
120	2463		1	20	100	PTEROPODS,SHELLS
120	2464		1	5	100	CORAL FRAGS,BROKEN SHELLS,PTEROPODS+FORAM TESTS
120	2465		1	100	100	BRITTLE STARS,SPONGES,TEST OF SEA URCHIN,CRAB,LIMPET SHELL
120	2466		1	105	100	SPONGES,BRITTLE STARS,CORAL
120	2467		1	6	100	SOME CORAL FRAGS
120	2468		1	34	100	BRITTLE STARS,SPONGES,SEA FEATHERS,CORAL FRAGS,ETC.
120	2469		1	3	100	CORAL-SOME LIVING,SPONGES,SEA FEATHERS ON CORAL
120	2470		1	202	100	CRABS,BRITTLE STARS,SPONGES,LIVING CORAL
120	2471		1	103	100	CRAB,BRITTLE STAR,HYDROIDS,BRYOZOA,ASSORTED DEAD SHELLS+SPONGES
120	2472		1	45	100	CORAL,MISCELLANEOUS INVERTEBRATES
120	2473		1	52	100	PTEROPOD SHELLS,FORAMS,CORAL FRAGS,SPONGE,STALKED COELENTERATE,FLYING FISH-DEAD ON DECK
120	2474	A	1	42	100	SPONGES,BRITTLE STAR,COLONIAL COELENTERATE,GOOSE BARNACLE,CORAL FRAGS
120	2474	B	1	42	100	SPONGES,BRITTLE STAR,COLONIAL COELENTERATE,GOOSE BARNACLE,CORAL FRAGS
120	2475		1	203	100	SPONGES,BRITTLE STAR,ANNELIDS,COLONIAL COELENTERATES,BARNACLE
120	2476		1	54	100	SPONGES,HYDROIDES
120	2477		1	2	100	SPONGES,GORGONIANS,SEA FEATHERS,ETC,BLK.CORAL TREE-LIKE LIMB W/RED POLYP GROWING ON IT
120	2478		1	302	100	SPONGES,CRABS,HYDROIDS,STARFISH
120	2479		1	253	100	CORAL,STARFISH,SEA FAN,SPONGES,CRAB,ANNELID WORM
120	2480		1	200	100	SEVERAL DIFFERENT CORALS+SPONGES,SEA FANS,CRABS
120	2481		1	3	100	STARFISH,SPONGE,TUNICATE,SEA ANEMONES
120	2482		1	2	100	SPONGES,SEA ANEMONE
120	2483		1	202	100	FEW PIECES CORAL-BRANCHING+HORN,FEW CRUSTACEA
120	2484		1	1-	100	STARFISH+SEA URCHIN
120	2485		1	510	100	MEDUSA+JUVENILE FISHES,GALATHEID SHRIMP,BARNACLE
120	2486	A				LIVE WORMS IN BURROWS, BRYOZOANS ON SURFACES
120	2486	B				LIVE WORMS IN BURROWS, BRYOZOANS ON SURFACES
120	2487		1		0	1 6IN HOLOTHURIAN
120	2488		1		0	1 CLAM,3 WORM TUBES,1 ALCYONARIAN CORAL
120	2489		1		0	NONE
120	2490		1		0	NO SAMPLE
120	2491	A	1		0	"
120	2491	B	1		0	"
120	2492	A	1		0	"
120	2492	B	1		0	"
120	2493		1		0	NO SAMPLE
120	2494		1		0	NO SAMPLE
120	2495		1		0	1 TUBE SEA ANENOMES (DISCARDED)
120	2496		1		0	1 HOLTHUROID AS AT STA 2487. MANY BLACK 10INCH WORM TUBES " HYALINOECIA(QUERY)
120	2497		1		0	WORMS COMMON. SOFT CLAM SAVED
120	2498		1		0	NO SAMPLE,DREDGE LOST
120	2499	A	1		0	"
120	2499	B	1		0	"
120	2500		1		0	"
120	2501	K	1	1	100	ASTARTES,HENRICIA,OYSTER,EEL POUT,ARCTICA SHELLS,1 AXIUS. MODIOLUS.
120	2501	M	1			NONE
120	2501	O	1	1-		"
120	2502	K	1	1-	100	ASTERIAS, E.PARMA, AXIUS.
120	2502	M	1	40	50	2 YELLOWTAIL, 1 WHITING, ARCTICA+OYSTER SHELLS,CANCER, LOBSTER,3 GOOSEFISH, 5 SKATES.
120	2502	O	1	1-		"
120	2502	P	1			"
120	2503	A	1			"
120	2503	B	1			"
120	2503	C	1			"
120	2503	D	1			"
120	2503	E	1			"
120	2503	F	1			"
120	2503	G	1			"
120	2503	H	1			"
120	2503	I	1			"
120	2503	J	1			"
120	2503	K	1	2	25	PANDALIDAE,ASTERIAS VULG., ARCTICA, LEPTASTERIAS, ASTARTE, VENERICARDIAE.
120	2503	M	1	11	100	YELTAIL,GSFISH, HDCK,SKATES,LH.SCULP.LEPAST,BRYOZOA,CANCER,PL.PECTEN+ARCTICA,SCLP SHLS
120	2503	O	1	1-		"
120	2503	P	1			"
120	2504	K	1	1	100	APHRODITE+MORE ANNELIDS,ASTARTE,VNRCRDIA,NUCLANA,LEPTASTER,CRAB. MOLLUSC SHELLS
120	2504	M	1	100	100	GSFISH,SEA-RBNS,SKATES,FLNDR.CNCER,LBSTER.ILLEX.LPTASTER.MLSC SHLS+GSTRPD EGG CASES.
120	2504	O	1	1-	100	ANNELIDS.AMPHIPODS,DECAPODS,EUPHAUSIACEA,MYSIDS .ASTEROIDEA.CHAETOGN.SALPA.MOLSKS.
120	2504	P	1	1-		"
120	2505	A	1	1-		"
120	2505	B	1	1-		"
120	2505	C	1	1-		"
120	2505	D	1	1-		"
120	2505	E	1	1-		"
120	2505	F	1	1-		"
120	2505	G	1	1-		"
120	2505	H	1	1-		"
120	2505	I	1	1-		"
120	2505	J	1	1-		"
120	2505	K	1	1-	100	CANCERS,ANNELIDS,FEW PLCYPDS. SKATE EGG CASE,FEW ARCTICA SHELLS.
120	2505	L	1	1	100	CERIANTHUS.THYONE SCABRA. OLD SCLLP SHLS, PIECES OF BONE (QUERY).
120	2505	M	1	20	25	4-SPOT-FLNDR,SKATE,RDHAKE,GSFISH,SOLE. CANCER,PORIFERA,APHRODITE.HENRICIA,ASTERIAS.

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CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2505	N	1	1=	100	DECAPODS,AMPHIPODS,CHAETOGNATHS,ASTERIAS,WORMS.
120	2505	O	1	1=		=
120	2505	P	1	1=		=
120	2505	R	1			NO SAMPLE
120	2506	K	1	1=	100	ASTROPECTEN. PENNATULACEA STALK (QUERY). A FEW WORM TUBES.
120	2506	M	1	150	100	4=SPTFLNDR,RDHAKE,GYSOLE,DABS,GSFISH. CANCER B, ASTRPCTN,PLACOPCTN SHLL,PENNATULACEA.
120	2506	O	1	1=	100	ANNELIDS+TUBES,AMPHIPODS,ISPDS,DECAPDS,EUPHAUS,CUMACEA,MYSIDS,MLSKS,CHAETOG,SALPS,ASTR
120	2506	P	1			=
120	2507	A	1			=
120	2507	B	1			=
120	2507	C	1			=
120	2507	D	1			=
120	2507	E	1			=
120	2507	F	1			=
120	2507	G	1			=
120	2507	H	1			=
120	2507	I	1			=
120	2507	J	1			=
120	2507	K	1	1=	10	PENNATULACEA STALKS,ASTROPECTEN. ASTARTE,VENERICARDIA,AND PLACOPECTEN SHELLS.
120	2507	L	1	15	10	CERIANTHUS + ITS TUBES, ANNELIDS, SIPUNCULIDS, AND PELECYPOD SHELLS.
120	2507	M	1	40	10	4=SPTFLNDR,GSFISH. CANCERS BOREAL+IRROR,SEA ANEOME,PLACOPCTN SHL,ASTRPCTN,PENNATULACEA
120	2507	N	1	1=	100	SMALL DECAPODS,AMPHIPODS. ASTROPECTEN,AMPHILIMN. NEPHTHYS WITH ENTOPROCTS.
120	2507	O	1	=	100	PENNATULA,ANNELIDS,CRUSTACEA,PLCYPODS,CHAETOGN,ASTEROIDS,OPHIRDS.ASCIDIACEA,SALPS.
120	2507	P	1			=
120	2507	R	1			NO SAMPLE
120	2508	K	1	10	10	CANCER.ASTROPECTEN.PARCHMENT WORM TUBES. MODIOLUS,PLACOPECTN,VENERICARDIA SHELLS.
120	2508	M	1	8	50	YELTAIL-FLNDRS,SEA-ROBINS.CANCER BOREALIS. ACTINARIAN. PLACOPECTEN FOSSIL.SHELL HASH.
120	2508	O	1	1=	100	ALCYONARIA.ANNELIDS.CRUSTACEA.PLCYPDS,SCPHPDS,GASTRPDS.OPHIURDIS.FORAMS.
120	2508	P	1	1=		=
120	2509	A	1	1=		=
120	2509	B	1			=
120	2509	C	1			=
120	2509	D	1			=
120	2509	E	1			=
120	2509	F	1			=
120	2509	G	1			=
120	2509	H	1			=
120	2509	I	1			=
120	2509	J	1			=
120	2509	K	1	4		AMPHILIMNA,ASTROPECTEN.DENTALIUM.PLACOPECTEN FOSSIL.PERIPLOMA SHELL. LIVE OMMOCHELEYS.
120	2509	L	1			NO SAMPLE
120	2509	M	1			1 ASTROPECTEN.
120	2509	N	1	1=	100	SMALL PAGURUS. ANNELID. ASTROPECTEN.
120	2509	O	1	1=		=
120	2509	P	1			=
120	2510	M	1	20	50	PENNATULA. PANDALIDS,CANCER B,YOLIDA,THYONE SCABRA, SMALL OPHIUROIDS. SIPUNCULIDS.
120	2510	O	1	1=		=
120	2510	P	1			=
120	2511	A	1			=
120	2511	B	1			=
120	2511	C	1			=
120	2511	D	1			=
120	2511	E	1			=
120	2511	F	1			=
120	2511	G	1			=
120	2511	H	1			=
120	2511	I	1			=
120	2511	J	1			=
120	2511	L	1	10	100	3 GERYON, 2 BOLOCERA. SPIOCHAETOPTERUS TUBES.
120	2511	M	1	2	100	GRAY SOLE. GERYON,ACTINARIA. HYALINOECIA. SERGESTES,HYPERIA.
120	2511	N	1	1=	100	ANNELID. A FEW COPEPODS AND MYSIDS. A SMALL OPHIUROID. A FEW FORAMS.
120	2511	O	1	1=	100	HYDROZOA.CORAL.NEMATODES.ANNILIDS.CRUSTACEA.MOLLUSKS.ECHINODERMS.POGONOPHORA(QUERY).
120	2511	P	1	1=		=
120	2512	K	1		10	ASTRPCTN,MUNIDA.PARCHMENT TUBES.HIPPASTERIAS. CITHARICHTHEYS. MOLLUSC SHELLS.
120	2512	M	1	20	33	GROUSEFISH,CANCER,LOBSTER,ACTINIAN,PORANIA,ASTROPECTEN,SCLERASTERIAS. 7-8CM LOBSTR CRPC
120	2512	O	1	1=	100	=
120	2512	P	1	1=		=
120	2513	A	1			=
120	2513	K	1	1=	00	12 ASTROPECTEN
120	2513	M	1	30	10	200-300 ASTROPECTEN. 20 CANCER BOREALIS. 1 ACTINIAN. CERIANTHUS TUBES. PLACOPCTN SHLLS
120	2513	O	1	1=	100	BRITTLE STARS.
120	2513	P	1			=
120	2514	A	1			25 CC OF FORAMS SAVED.
120	2514	K	1	2	100	PENNATULACEA,OPHIUROIDEA,THYONE,ASTROPECTEN. PLACOPCTEN,ARCTICA + YOLIDA SHELLS.
120	2514	M	1	6	50	4SP-FLNDR,CANCER BOREALIS,SEA ANENOME,ASTROPECTEN,PLCPCTN SHELL. 12CM LOBSTR CARAPACE.
120	2514	O	1	1=	100	PANDALIDAE,CERIANTHUS TUBE,CHAETOGNATHS,OPHIUROIDS,ASTEROIDS,MYSIDS.
120	2514	P	1	1=		NONE
120	2515	A	1			=
120	2515	K	1	1=	100	DICHELOPANDALUS,DECAPOD REMAINS.ANNELIDS.ASTROPECTEN,SMALL ASTEROIDEA,NUCLANA, SHELLS
120	2515	M	1	100	5	GSFISH,4=SPFLNDR,SILV-HAKE,RD-HAKE,LEM-SOLE. CANCER BOREALIS. MANY ASTROPECTEN
120	2515	O	1	1=	100	PANDALIDAE,SMALL SCULPINS,AMPHIPODS,MYSIDS. CRANGON(QUERY).
120	2515	P	1			NO SAMPLE
120	2516	Q	1			NONE
120	2517	Q	1			NONE
120	2518	Q	1	1=	100	3 AMPHIPODS, 1 CIROLANA, AT LEAST 1 POLYCHAETE.
120	2519	Q	1	1=	100	8-10 AMPHIPODS (3-4 UNICOLA, 3-4LEPTOCHEIRUS, 1BYBLIS).
120	2520	Q	1	1=	100	1 UNICOLA.
120	2521	Q	1			NONE.
120	2522	Q	1	1=		11 AMPHIPODS,1 ANNELID.
120	2523	Q	1			NONE

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2524	Q	1			NONE
120	2525	Q	1			NONE
120	2526	A	1			-
120	2526	K	1	1	100	LYONSIA, LEPTASTERIAS, E PARMA, PAGURUS IN GSTRPD SHELL.
120	2526	M	1	80	11	GSFISH,4SP-FLNDR,YELTLFLNDR,SKATE. HOMARUS,PAGURUS,CANCERS,LPTASTERIAS.MOLLUSK SHELLS.
120	2526	O		1-		HYDROZOA,ANNILIDS,CRUSTACEA,CHAETOGNATHS,ASTEROIDS,ECHINOIDS.1FISH.
120	2526	P	1			-
120	2527	A	1			-
120	2527	K	1	1-	100	LEPTASTERIAS, E PARMA. BUCCINUM + LUNATIA EGGS.
120	2527	M	1	53	25	2GSFISH,9 SKATES, 2 RD-HAKE,4 YELTL-FLNDR. CANCER B.200 ARCTICA,1 PLACOPECTEN,25 CUCUM
120	2527	O	1	1-		-
120	2527	P	1			-
120	2528	A	1			25 CC OF FORAMS SAVED
120	2528	K	1	80	15	ASTERIAS VULG,LEPTASTERIAS,PAGURUS,CANCERS, ARCTICA SHELLS. 75% SHELL
120	2528	M	1	750	1	ASTERIAS VULG,LEPTASTERIAS,PAGURUS,CANCERS, ARCTICA SHELLS.PORIFERA. 80% SHELL
120	2528	O	1	1-	100	-
120	2528	P	1			NONE
120	2529	A	1			-
120	2529	K	1	32	50	PAGURUS,BUCCINUM,NEPTUNEA,LEPTASTERIAS. SHELLS-95%ARCTICA,5%PLACOPECTEN.
120	2529	M	1	450	20	APHRODITE,PLACOPECTEN,CANCER,PAGURUS,ACTINARIA,PORIFERA,HENRICIA,ASTERIAS. 90% SHELL.
120	2529	O	1	1-	100	-
120	2529	P	1			NONE
120	2530	A	1			-
120	2530	K	1	1-	100	ANNELID,ASTROPECTEN,LEPTASTERIAS. 2 ARCTICA SHELLS.
120	2530	M	1	200	2	1 LOBSTER,FEW CANCER B,FEW BARNACLES,PAGURUS. 2 PLACOPECTEN. 500 ASTROPECTEN.
120	2530	O	1	1-	100	-
120	2530	P	1			NONE
120	2531	A	1			-
120	2531	K	1	1-	100	ASTROPECTEN,ASTARTE. PENNATULACEA STALK.
120	2531	M	1	150	15	GSFISH,RD-HAKE. OCTOPUS. HOMARUS,CANCER BOREALIS,ASTROPECTEN. ARCTICA VALVE.
120	2531	O	1	1-	100	ACTINARIA.CRUSTACEA.CHAETOGNATHS. FISH. SALPA.
120	2531	P	1			NONE
120	2532	A	1			-
120	2532	K	1	1	100	ALCYONACEA,ALGAE,SEA ANEMONE,CANCER(CARAP),LITHODES,SM PAGURUS,PANDALUS, GRENADIERS.
120	2532	M	1	100	1	GSFISH,SKATE,RD-HAKE. HYDROZOA,SEA ANEMONE.LITHODES(ARMS),CANCER,ACANTHOTOSOMA(QUERY).
120	2532	O	1	1-		PORIFERA,HYDROZOA.CORAL.PLTYHLMNTHS.ANNELIDS.CRUSTACEA.MOLLUSKS.OPHIUROIDS. FISH
120	2532	P	1	1-		-
120	2533	A	1			-
120	2533	K	1	1	8	ASTROPECTEN, SMALL MOLLUSKS, WORMS.
120	2533	M	1	200	10	HAKE,4SPFLNDR. CANCER,PAGURUS,300 ASTROPECTEN. LUNATIA.ARCICA SHELLS,BUCCINUM SHELL.
120	2533	O	1	1-		PORIFERA
120	2533	P	1	0		NO SAMPLE
120	2534	A	1			MANY AMPHIPOD TUBES ON SURFACE,RICH IN ANIMAL FAUNA.
120	2534	K	1	2	15	HYDROID,BLK SKATE EGG,BUCCINUM,LEPTASTERIAS. SMALL SPEC OF MOLLUSKS,CRUSTACEA, WORMS.
120	2534	M	1	200	25	PORIFERA,PAGURUS.SEA URCHIN,ASTERIAS V,HENRICIA BUCCINUM EGGS,MOLLUSK SHELLS-99%ARCTCA
120	2534	O	1	1-		-
120	2534	P	1	0		NO SAMPLE
120	2534	R	1	0		NO SAMPLE
120	2535	A	1			25 CC OF FORAMS SAVED
120	2535	K	1	5	10	APHRODITE.PAGURUS.BUCCINUM.LEPTASTERIAS,SMALL E PARM,SEA URCHINS.ARCTICA+SPISULA SHELLS
120	2535	M	1	20	10	LH-SCLPNS,SKATE,4SP-FLNDR,HAKE.APHRODITE.LUNATIA,BUCCINUM,PLCPCTN.CANCER.ARCTICA SHELLS
120	2535	O	1	1-		MANY CAPRELLIDAE,SEA HORSE
120	2535	P	1	1-		NIL
120	2535	R	1	0		NO SAMPLE
120	2536	A	1			-
120	2536	K	1	2	100	HYDROZOA.BUCCINUM.PAGURUS. E PARMA. ARCTICA AND SPISULA SHELLS.
120	2536	M	1	250	100	SKATE.ARCTICA + SPISULA SHELLS. GASTROPOD EGG CASES. PAGURUS.GSFISH,YLTL+4SP-FLNDR.
120	2536	O	1	1-	100	-
120	2536	P	1	1-		-
120	2537	A	1	4		-
120	2537	K	1	3	100	PAGURUS, E PARMA, LUNATIA. SPISULA+CREPIDULA SHELLS.
120	2537	M	1	22	100	SKATE,LUNATIA,SPISULA SHELLS GASTROPOD EGG CASES.
120	2537	O	1	1-	100	HYDROZOA.ANNELIDS.CAPRELLIDAE.DECAPODS(JUVENILE).CHAETOGNATHS.
120	2537	P	1	1-		-
120	2538	A	1	6		MANY YOUNG QUAHOGS,FEW SMALL E PARMAS,MANY WORM TUBES
120	2538	K	1	21	10	CAPRELLIDS, PAGURUS, SMALL E PARMAS.
120	2538	M	1	60	25	PLACOPCTN,BUCCINUM EGGS,LUNATIA ARCTICA.SEA URCHINS,ASTERIAS,LPASTER.WOOD W/ HYDRZ+BRYZ
120	2538	O	1	1-	100	-
120	2538	P	1			-
120	2539	A	1			MANY OLD ARCTICA SHELLS.
120	2539	K	1	60	10	CERESTODERMA,ASTROPECTEN,CAPRELLIDS.
120	2539	M	1	600	30	PORIFERA.PLACOPECTEN,OCTOPUS.CANCER,PAGURUS.ASTERIAS,LEPTASTERIAS,ASTROPECTEN.
120	2539	O	1	1-	100	-
120	2539	P	1			-
120	2540	A	1	5		-
120	2540	K	1	22	100	GSFISH,GRENADIER.ALCYONACEA.LNGFIN-HAKE.ANNELIDA,PANDALUS.PCTN ISL,ARCTCA,ASTRTE SHLS
120	2540	M	1	200	100	EEL POUT,PORIFERA,OPHIUROIDS INCL/ BASKET STARS,ALCYONACEA,CANCER,BRACHIOPOD.
120	2540	O	1	1-	100	HYDROZOA.ALCYONARIA.ANNELIDS.CRUSTACEA.MOLLUSCA,CHAETOGNTH.OPHIUROIDS.
120	2540	P	1	1-		-
120	2541	A	1	3		-
120	2541	K	1	13	100	APHRODITE,PLCPCTN,PAGURUS,BUCCINUM,LPTASTERIAS ,E PARMA,SEA URCHINS,OPHIUROIDS,ARCTICA
120	2541	M	1	103	100	GSFSH,4SP-FLNDR,RD-HAKE,SIL-HAKE,YETL-FLND,SKATE.APHRODITE,BUCCINUM,NEPTUNEA,PLCPCTN.
120	2541	O	1	1-	100	-
120	2541	P	1	1-		-
120	2542	A	1	6		YOUNG ARCTICA.
120	2542	K	1	150		PORIFERA.APHRODITE,HYDROID,PLCPCTN,ARCTCA,BUCCINUM,NEPTNA.E PARMA,SEA URCHINS,PAGURUS
120	2542	M	1	250		SPONGE,HYDROZOA.BRYOZOA.APHRDTE.PLCPCTN,COLUSS, LUNATIA,CONCH,ARCTCA.BALANUS,PAGURUS.
120	2542	O	1	1-	100	SHRIMP,AMPHIPODS,WORMS.
120	2542	P	1	1-		-
120	2542	R	1			NO SAMPLE

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2543	A	1			-
120	2543	B	1			-
120	2543	C	1	4		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	D	1	7		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	E	1	7		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	F	1	8		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	G	1	8		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	H	1	10		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	I	1	12		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	J	1	7		ARCTA,NASSARIUS.UNICOLA,LIEPTOCHEIRUS,MAUSTORIUS,CIROLANA,CHIRODOTEA.POLYCHETES.E PARM
120	2543	K	1	8	100	RD=HAKE,SIL=HAKE.PORIFERA.APHRODITE.BUCCINUM.LUNATIA,ARCTCA,ASTERIAS,SEA URCHIN,E PARM
120	2543	L	1	84	10	GSFISH,LITTL SKATE. APHRODITE.BUCCINUM,ARCTICA,LUNATIA. ASTERIAS. ARCTICA SHELLS.
120	2543	M	1			SD=SKATE,LITTLE SKATE,GSFISH,LH=SCULPIN,SEA RAVEN. ARCTICA.
120	2543	N	1	1.	100	ANNELID. CUMACEA,MYSIDS,AMPHIPODS,ISOPODS. NARRIUS. E PARMA TEST.
120	2543	O	1	1.	100	MOSTLY PANDALIDS,DECAPD LARVAE.ANNELIDS.CHAETOGNTHS GSTRPD EGG CASES.
120	2543	P	1	1.		-
120	2543	R	1	0		NO SAMPLE
120	2544	A	1	6		-
120	2544	K	1	2		LH=SCULPIN.PORIFERA.BUCCINUM.PAGURUS.E PARMA. WORM TUBES. PLACOPECTEN + ARCTICA SHELL
120	2544	M	1	275		GSFISH,RD=HAKE,YLTL=FLND,ASP=FLND,PORIFERA,PLCPCTN,SPISULA.ASTERIAS,E PARMA.PAGURUS
120	2544	O	1	1.	100	HYDROZOA.ACYONARIA.ANNELIDS.CRUSTACEA. 2 FISH
120	2544	P	1	1.		-
120	2544	R	1	0		NO SAMPLE
120	2545	A	1	4		E PARMA, MARARITES. FAUNA SPARSE. MUCH SHELL.
120	2545	K	1	44	100	PLCPCTN,DENTALIUM,COLUS S,VENRCRDIA.E PARM,SEA URCH.PAGURUS.LPTASTERIAS. MOLLUSC SHLLS
120	2545	M	1	550	20	SEVERAL FISH.PORIFERA,BRYOZOA,APHRODITE,ILLEX,PLCYPDS,GSTRPDS,ASTEROIDS,ECHINDS,HOLOTH
120	2545	O	1	1.	100	-
120	2545	P	1	1.		-
120	2545	R	1			NO SAMPLE
120	2546	A	1	7		-
120	2546	K	1	90		LNGFIN=HAKE,REDFISH.PANDALUS.ASTARTE.HIPPASTER,LPTASTER.ACTINARIA. PLCOPCTN+ARCTCA SHL
120	2546	M	1	75	100	RD=HAKE. PLACOPECTEN,HYPOLLITIDAE. HIPPASTERIAS,LEPTASTERIAS.
120	2546	O	1	1.	100	-
120	2546	P	1	1.		-
120	2547	A	1	4		-
120	2547	K	1	200		PORIFERA(QUERY)ON SHELL.PLCPCTN,BUCCINUM,PAGURUS,SEA URCHIN.
120	2547	M	1	200		HADCK,RD=HAKE,SD=SKATE.PLCPCTN,COLUS.APHRDTE.CANCER,PAGURUS.BUCCINUM.ASTEROIDEA.
120	2547	O	1	1.	100	-
120	2547	P	1	1.		-
120	2548	A	1	4		-
120	2548	K	1	75		PORIFERA.HYDROZOA.COLUS S,PLCYPDS.BALANUS,DECAPODS,ASTEROIDS,ECHINOIDS.BRYOZOA.SHELLS
120	2548	M	1	175	25	PORIFERA.HYDROZOA.COLUS S,PLCYPDS.BALANUS,DECAPODS,ASTEROIDS,ECHINOIDS.BRYOZOA.SHELLS
120	2548	O	1	1.	100	-
120	2548	P	1			-
120	2549	A	1	5		POLYCHETES. 25CC OF FORAMS SAVED.
120	2549	K	1	51		EUNICE.VENRCRDIA,DENTALIUM,MARGRITES,BALANUS,R +HAM,HYAS,PAGURUS.PYCNOGONIUM
120	2549	M	1	52		SULFUR SPONGE.CIRRIPIDS.BRYOZOA.CROSSASTER,HIPPASTERIAS.SKATE EGG.POLYCHETE TUBES.
120	2549	O	1	1.	100	-
120	2549	P	1	1.		-
120	2550	A	1	2		-
120	2550	K	1	1.		LAETMONICE.PENNATULACEA.PAGURUS,PANDALIDAE.ASTROPECTEN.YOLIDA SHELL. ANNELID TUBES.
120	2550	M	1	44		THORNY-SKATE.FUCUS.ACTINARIA.PORIFERA.BRYOZOA.ASTERIAS,ASTRPECTEN.BRACHIOPODS.PLCPCTN
120	2550	O	1	1.	100	
120	2550	P	1			NO SAMPLE
120	2551	A	1	11		POLYCHETES.AMPHIURIDS.THYONE.BRCHIOPODS.
120	2551	B	1	11		POLYCHETES.AMPHIURIDS.THYONE.BRACHIPODS.
120	2551	C	1	12		POLYCHETES.AMPHIURIDS.THYONE.BRACHIPODS.
120	2551	D	1	9		POLYCHETES.AMPHIURIDS.THYONE.BRACHIOPODS.
120	2551	E	1	10		POLYCHETES.AMPHIURIDS.THYONE.BRACHIOPODS.
120	2551	F	1	11		POLYCHETES.AMPHIURIDS.THYONE.BRACHIOPODS.
120	2551	G	1	8		POLYCHETES.AMPHIURIDS.THYONE.BRACHIOPODS.
120	2551	H	1	11		POLYCHETES.AMPHIURIDS.THYONE.BRACHIOPODS.
120	2551	I	1	10		POLYCHETES.AMPHIURIDS.BRACHIOPODS.THYONE.
120	2551	J	1	13		POLYCHETES.AMPHIURIDS.BRACHIOPODS.THYONE.
120	2551	K	1	77		ACTINARIA.PAGURUS,PANDALIDAE.ASTROPECTEN,OPHIUROIDEA, EGG CASE.
120	2551	M	1	103		SMTL-SKATE,LMP-FISH.ALCYONACEA,ACTINARIA.ASTEROIDEA INCL/ASTROPCTN,HIPPASTERIAS.
120	2551	N	1	1.	100	COPEPODS,AMPHIPODS,1 CUMACEA.
120	2551	O	1	1.	100	-
120	2551	P	1			-
120	2551	R	1	0		NO SAMPLE
120	2552	A	1	2		-
120	2552	K	1	3		E PARMA.DENTALIUM. ARCTICA SHELL.ASTERIAS,HIPPASTERIAS.OPHIUROIDEA.SEA URCHINS.
120	2552	M	1	18	100	GSFISH,THNY-SKATE,BIG-SKATE. ASTROPECTEN,HIPPASTERIAS,E PARMA.
120	2552	O	1	0		NO SAMPLE
120	2552	P	1	1.		-
120	2553	A	1	10		PORIFERA.MANY SERPULIDAE.BRITTLE STARS.CHITON. CYCLOSTOMATAN BRYOZOA.
120	2553	K	1	40		PORIFERA.ACTINARIA.NUCLANA,DENTALIUM.PANDALUS.PSILASTER,ECHINOIDS,OPHIUROIDS.BRACHIPD
120	2553	M	1	4	100	HYDROZOA.PORIFERA.ACTINIAN.BRYOZOA.
120	2553	O	1	1.	100	-
120	2553	P	1			NO SAMPLE
120	2554	A	1	2		POLYCHETES.PORIFERA.BRYOZOA=IDMONDEA ATLANTICA.
120	2554	K	1	104		PORIFERA,ACTINARIA,PLCYPDS,GSTRPDS,ASTEROIDEA,DECAPODS.ECHINOIDS,OPHIUROIDS,ASCIDIACEA
120	2554	M	1	202		PORIFERA HYDROZOA.EUNICE.CHITON.ASTERIAS V,HIPPASTER,SOLASTER,BRACHIOPODA.GSFSH,CUSK.
120	2554	O	1	1.	100	PORIFERA HYDROZOA ANNELIDS.CRUSTACEA.MOLUSKS.ECHIDERMS.BRYOZOA,ASCIDIACEA.
120	2554	P	1	1.		-
120	2555	A	1	7		-
120	2555	K	1	62		PORIFERA,ANNELIDS.HIPPASTER.OPHIUROIDS.BRACHIOPODS,SKATE EGG CASE.
120	2555	M	1	505		BIG-SKATES,EEL POUT.PORIFERA.ACTINARIA.PSILASTER,ASTRPECTN,HIPPASTERIAS.
120	2555	O	1		100	-
120	2555	P	1			-

CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2556	A	1	12		THYONE,DENTALIUM.
120	2556	K	1	40		PENNATULA,CERIANTHUS TUBE.PLCYPDS.OCTOPUS.ASTEROIDEA.CIROLNA.OPHIOLIS.THYONE.BRACHIOPD
120	2556	M	1	2		PENNATULA. PSILASTER,HIPPASTERIAS.
120	2556	O	1	1	100	ANNILIDA. CRUSTACEA. MOLLUSCA. OPHIUROIDS.BRYOZOA.ASCIDIACEA.
120	2556	P	1	1-		-
120	2557	A	1	7		POLYCHETES INCL/ SERPULIDAE (1/8IN). BRACHIOPODS.
120	2557	K	1	42		PORIFERA.ALCYONACEA.POLYCHETES.PLCYPDS,SCPHPDS.ASTEROIDS,HOLTHRDS,CHITON.DECAPODS,ISPOD
120	2557	M	1	304		CUSK,GY-SOLE.ACTINARIA.PSEUDOARCHASTER,PSILASTER,HIPPASTERIAS.OPHIUROIDS INCL/OPHIURA.
120	2557	O	1	1	100	PORIFERA.HYDROZOA.PLATYHLMNTHES.ANNELIDS.CRUSTACEA.MANY MOLLUSKS.ECHINODERMS.BRYOZOA
120	2557	P	1	1-		-
120	2558	A	1	10		-
120	2558	K	1	2	100	PENNATULACEA,ACTINARIA.ANNELIDA.DENTALIUM,ASTARTE SHELLS.BRISSUS,THYONE.ANNELID TUBES.
120	2558	M	1	1	100	PENNATULACEA ONLY.
120	2558	O	1	1-	100	-
120	2558	P	1	1-		-
120	2559	A	1	2		-
120	2559	K	3	4	100	PORIFERA.ACTINARIA.ANNELIDS.PSEUDOARCHASTER,OPHIUROIDEA.BRACHIOPODS.ASCIDIACEA.
120	2559	M	3	15		PORIFERA.1 ACTINAUGE.EUNICE.NYMPHON.OPHIOLIS.BRYOZOA.ASCIDIA. CEREMASTER.
120	2559	O	1	1-		-
120	2559	P	1	1-		-
120	2560	A	1	14		2 WORMS. 1 GRAM OF SHELL FRAGMENTS.
120	2560	K	1	1-	100	SMALL PENNATULA. ONUPHIS OPALINA,NEPHTYS.
120	2560	M	1	5	100	MANY PENNNATULA. ONUPHIS OPALINA,NEPHTYS. CANCER BOREALIS.MOLPADIA.CERIANTHUS TUBES.
120	2560	P	1	1-		-
120	2561	A	1	12		DENTALIUM. THYONE. 25 CC OF FORAMS SAVED
120	2561	K	1	1-	100	PENNATULA.ANNELIDS.DENTALIUM.THYONE.ASTARTE SHELL.
120	2561	M	1	13	100	PENNATULA,ACTINARIA,CERIANTHUS,PORIFERA.GERYON.PSILASTER(QUERY). GRAY-SOLE.
120	2561	O	1	1-	100	-
120	2561	P	1	1-		-
120	2562	A	1	14		-
120	2562	B	1	11		-
120	2562	C	1	14		-
120	2562	D	1	14		-
120	2562	E	1	14		-
120	2562	F	1	14		-
120	2562	G	1	14		-
120	2562	H	1	14		-
120	2562	I	1	14		-
120	2562	J	1	14		-
120	2562	K	1	40	100	ONUPHIS OPALINA,OPHELIA.LUMBRINERIDAE.AMPHIURA.BRISASTER. ASTARTE+NUCLANA SHELL(TRACE)
120	2562	M	1	5	100	WT-HAKE,ONUPHIS O,NEPHTYS.CANCER B,AMPHIURA,OPHIUROID.BRISASTER.SPRUCE W/ BARNEA.
120	2562	O	1	1-	100	ANNELIDS.EUPHAUS.PLYCPD.OPHIUROIDS,ECHINOIDS.ASCIDIACEA(QUERY).
120	2562	P	1	1-		-
120	2562	R	1	0		NO SAMPLE
120	2563	A	1	14		FRAGMENTS OF BRIASTER. FAUNA SPARSE.
120	2563	K	1	3	100	NIL
120	2563	M	1	300	100	PORIFERA.ACTINAUGE,PENNATULA.EUNICE.PORANIA,PENTAGONASTER,PSILASTER.BRACHIOPD.ASCIDIA.
120	2563	O	1	1-	100	PORIFERA.ANNELIDS.AMPHIPDS.ISOPD.CUMACEA.OSTRCDS.MOLLUSCS.ECHINODRMA.BRACHPDS.FISH
120	2563	P	1	1-		-
120	2564	A	1	3		-
120	2564	K	1	5	100	ACTINARIA.PORIFERA.ANNELIDA.PANDALIDAE.OPHIUROIDEA.BRACHIOPOD.
120	2564	M	1	5	100	PORIFERA.HENRICIA,HIPPASTERIAS. GSFISH,RD-HAKE,THRNY-SKATE. 1 WHALE BONE
120	2564	O	1	2	100	PORIFERA.HYDROZOA.ANNELIDS(MANY).CRUSTACEA(MOST-AMPHIPDS).MOLLUSCA.OPHIRDS,BRYOZOA.
120	2564	P	1	1-		-
120	2565	A	1	14		COPEPODS,AMPHIURIDS. FAUNA VERY SPARSE.
120	2565	K	1	1-	100	ANNELIDS+TUBES. SHIZASTER,OPHIUROIDEA.
120	2565	M	1	1-	100	ANNELIDS+TUBES. OPHIUROIDEA.
120	2565	O	1	1-	100	OPHIUROIDS
120	2566	A	1	8		FAUNA SPARSE
120	2566	K	1	50		SPIOCHAETOPTERUS,OPHELIA,NEPHTYS.GERYON.APPORHIAS SHELL.AMPHIURA.BRISASTER.
120	2566	M	1	5	100	GERYON.NEPHTYS,ONUPHIS(QUERY),SPIOCHAETPTRS TUBES.AMPHIURA,CANCER BOREALIS
120	2566	O	1	1-	100	-
120	2567	A	1	6		-
120	2567	K	1	13	100	PORIFERA.GASTROPODS,PLCYPDS.HYAS,SABINEA.ASTEROIDS,E PARMA,OPHIURDS.BRCHIPDS.ASCIDIANS
120	2567	M	1	2	100	PLACOPECTEN. LEPTASTERIAS,HIPPASTERIAS,ASTERIAS.
120	2567	O	1	2	100	PORIFERA,HYDROZOA.ANNELIDA.CRUSTACEA(MOSTLY AMPHIPDS)MOLLUSCS.ECHINODERMS,BRYOZOA.FISH
120	2568	A	1	6		-
120	2568	K	1	51		CERIANTHUS.BUCCINUM.PLCYPDS,DENTALIUM.CTENODISCUS.HYAS.BRACHIOPODS.ASCIDIANS.WORM TUBE
120	2568	M	1	726		CERIANTHUS,ACTINARIA. ASTARTE. ASTERIAS,HIPPAST,SOLAST,CROSSAST. ASCIDIANS.
120	2568	O	1	1-	100	PORIFERA.HYDROZOA.ANNELIDS.CRUSTACEA.MOLLUSCS.OPIORDS.BYOZOA.BRCHIPDS.ASCIDIANS.
120	2569	A	3	2		-
120	2569	K	1	1-	100	PORIFERA. HYAS,SPIRONTOCARIS.CERESTODERMA. OPHIOLIS.BRACHIOPODA.ASCIDIACEA.
120	2569	M	1	256	100	LRG GSFISH(41IN).ACTINAUGE.PORIFERA.ASTEROIDEA(VARIED).CUCUMARIA.BOLTENIA E.WORM TUBES
120	2569	O	1	1-	100	-
120	2570	A	1	10		POLYCHETES. ARCTICA. RICH IN FAUNA.
120	2570	K	1	32	100	SUBERITES+CHALINA.COLUS S+P.BUCCINUM,MARGRITS,DECAPODS(VARIED)ASTEROIDS(VARIED).OPHIRDS
120	2570	M	1	2	100	PORIFERA.ALCYONDIUM.GASTROPODS.DECAPODS.ASTEROIDS.ECHINOIDS.OPHIOLIS.BRYOZOA.
120	2570	O	1	4	100	PORIFERA.HYDROZOA.ANNELIDS ISOPODS.GASTRPDS.ECHINODERMS.BRYOZOA.ASCIDIANS.2 FISH.
120	2571		1		0	-
120	2572	A	1		0	WORMS. SEA ANENOMES ON WORM TUBE
120	2572	B	1		0	FISH SCALE.WASHED RESIDUE W/ SHELLS
120	2573		1		0	-
120	2574		1		0	NO SAMPLE - CAMERA LOWERING
120	2575		1		0	2 RED SEA PENS
120	2576		1		0	-
120	2577	A	1		0	-
120	2577	B	1		0	BRYOZOA
120	2577	C	1		0	-
120	2578		1		0	NO SAMPLE - CAMERA LOWERING
120	2579		1		0	-

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2580 A	1		0	WORM TUBES.WORMS WITHOUT TUBES. PLCYPD,GSTRPD,AND SCPHPD SHELLS IN CLAY
120	2580 B	1		0	"
120	2580 C	1		0	"
120	2580 D	1		0	"
120	2581	1		0	A FEW WORM TUBES
120	2582 A	1		0	NONE
120	2582 B	1		0	NONE
120	2583 A	1		0	SEVERAL CERIANTHUS
120	2583 B	1		0	"
120	2583 C	1		0	"
120	2584	1		0	2 HYALINOECIA-ONE 15CM. SEVERAL CERIANTHUS
120	2585 A	1		0	"
120	2585 B	1		0	"
120	2586 A	1		0	"
120	2586 B	1		0	"
120	2586 C	1		0	"
120	2587 A	1		0	A FEW WORM TUBES(EMPTY)
120	2587 B	1		0	"
120	2588	1		0	NO SAMPLE - CAMERA LOWERING
120	2589 A	1		0	3 INCH SIPUNCULIDS. BLK HYALINOECEA TUBES
120	2589 B	1		0	"
120	2590 A	1		0	NONE
120	2590 B	1		0	NONE
120	2591	1		0	WORMS. GSTRPD,PLCYPD,AND SCPHPD DEBRIS.
120	2592	1		0	WORMS,WORM TUBES,SCPHPDS,SEA PENS.ANCNT CHLKY SHELL FRGMNTS OF GSTRPDS,PLCYPDS,SCPHDS
120	2593 A	1		0	MANY SHELLS AND FOSSILS
120	2593 B	1		0	HYDROID AND BRYOZOAN GROWTHS IN CONCRETIONS
120	2593 C	1		0	NONE
120	2594	1		0	BRITTLE STARS
120	2595	1		0	"
120	2596 A	1		0	"
120	2596 B	1		0	"
120	2597	1		0	NO SAMPLE - CAMERA LOWERING
120	2598	1		0	OPHIUROIDS (FEW),WORMS (FEW)
120	2599	1		0	NO SAMPLE
120	2600	1		0	NO SAMPLE
120	2601	1		0	NO SAMPLE
120	2602 A	1		0	HYALINOECEA TUBE + OTHER WORMS
120	2602 B	1		0	HYALINOECEA TUBE + OTHER WORMS
120	2603	1		0	SOME WORMS ADHERING TO MESH
120	2604 A	1		0	HYDROIDS,BRACHIAPODS + SPONGES
120	2604 B	1		0	MANY OPHIUROIDS IN STIFF GRY CLAY
120	2604 C	1		0	LOTS OF BURROWS BUT VERY FEW WORMS
120	2604 D	1		0	"
120	2605	1		0	BAMBOO WORMS SIFTED OUT OF MUD + CAUGHT ON DREDGE
120	2606	1		0	BAMBOO WORMS ON DREDGE
120	2607	1		0	"
120	2608 A	1		0	LOTS OF SIPUNCULIDS MAKING BURROWS
120	2608 B	1		0	"
120	2608 C	1		0	"
120	2608 D	1		0	"
120	2608 E	1		0	"
120	2608 F	1		0	"
120	2608 G	1		0	"
120	2608 H	1		0	"
120	2609	1		0	1 OPHIUROID ON SOFT CORAL, CALC SOLITARY CORAL,2 SEA STARS
120	2610 A	1		0	WORM TUBES
120	2610 B	1		0	"
120	2610 C	1		0	"
120	2610 D	1		0	"
120	2611	1		0	"
120	2612 A	1		0	BURROWERS IN BRN CLAY,3 OPHIUROIDS
120	2612 B	1		0	"
120	2613	1		0	NO SAMPLE-CAMERA LOWERING
120	2614 A	1		0	ONE 6 INCH SIPUNCULID
120	2614 B	1		0	"
120	2615	1		0	NO SAMPLE
120	2616	1		0	NO SAMPLE
120	2617	1		0	NO SAMPLE
120	2618	1		0	NO SAMPLE
120	2619	1		0	LOTS OF WORM BURROWS
120	2620 A	1		0	FOSSIL GASTROPODS AND PELECYPODS
120	2620 B	1		0	FORAMS
120	2620 C	1		0	BRITTLE STARS
120	2620 D	1		0	MANY PELECYPODS,SOME GASTROPODS
120	2621 A	1		0	"
120	2621 B	1		0	"
120	2621 C	1		0	"
120	2622	1		0	2 TURTLES(2FT,150LBS)
120	2623	1		0	WORMS,MOSTLY 1 TYPE
120	2624	1		0	"
120	2625 A	1		0	OPHIUROIDS,BORING WORMS
120	2625 B	1		0	FEWER AND SMALLER BORINGS THAN IN A
120	2625 C	1		0	WORM BORINGS
120	2625 D	1		0	FORAMNIFERAL MUD W/ MICROFOSSILS
120	2625 E	1		0	"
120	2626 A	1		0	WORMS AND WORM TUBES
120	2626 B	1		0	SOME FOSSILS AND BURROWS
120	2627 A	1		0	"
120	2627 B	1		0	"

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2628	1		0	NO SAMPLE-CAMERA LOWERING
120	2629	1		0	WORM TUBES
120	2630	1		0	WORM TUBES SIEVED OUT OF SED BY DREDGE-TUBES NOT IN SEDIMENT BUT WERE FREE
120	2631	1		0	"
120	2632 A	1		0	"
120	2632 B	1		0	FORAMS
120	2632 C	1		0	"
120	2633	1		0	MANY FORAMS,WORMS,OSTRACODS ,MICROGSTR,MIXED PLANKTONICS AND BENTHONICS(MSTLY BOLVINA)
120	2634	1		0	NO SAMPLE-CAMERA LOWERING
120	2635	1		0	BRANCHED ORN CORALS W/ NUDIBRANCHS
120	2636 A	1		0	FORAMS,WORM TUBES,GLOBIGERINID FORAMS PROMINENT
120	2636 B	1		0	FORAMS,MANY WORM TUBES
120	2637 A	1		0	FORAMS,LIVING WORMS,HOLOTHURIANS,OYSTER SHELL,PLANKTONIC FORAMS
120	2637 B	1		0	PLANKTONIC FORAMS
120	2637 C	1		0	PLANKTONIC FORAMS
120	2637 D	1		0	"
120	2638 A	1		0	SEA ANEMONES,BARNACLES,PINK CRAB,GSTR,HRMT CRAB,WORMS,SPONGES,BRYOZAN,SD DOLLAR,AMPHPD
120	2638 B	1		0	"
120	2638 C	1		0	"
120	2638 D	1		0	"
120	2639	1		0	STARFISH,ANEMONE. ROCK DWELLERS ONLY
120	2640 A	1		0	FORAMS CHIEFLY PLANKTONIC
120	2640 B	1		0	MIXED PLANKTONICS,SM BENTHONIC FORAMS
120	2641	1		0	PLANKTONIC FORAMS,BOLIVINA,SOME LIVING
120	2642 A	1		0	SEA ANEMONES,BARNACLES,HYDROIDS,SPONGES,BRACH,BRANCHING CORAL,BENTHONIC FORAMS,OSTRCDS
120	2642 B	1		0	"
120	2643	1		0	PLANKTONIC FORAMS
120	2644	1		0	FORAMS, PELECYPODS,GASTROPODS,WORMS
120	2645 A	1		0	BRITTLE STARS,WORM TUBES,2 SEA SPIDERS
120	2645 B	1		0	"
120	2645 C	1		0	"
120	2646 A	1		0	LRG MIXED FORAM FAUNA,SEA ANEMONES,BARNACLES, WORMS,SM PECTEN. LRG,ROUND FORAMS
120	2646 B	1		0	FORAMS
120	2646 C	1		0	PELECYPOD FOSSIL,FORAM SPECIES V LRG AND RND
120	2646 D	1		0	"
120	2647	1		0	NO SAMPLE-CAMERA LOWERING
120	2648	1		0	HOLOTHURIANS,PLANKTONIC FORAMS(GLOBIGERINA),WORMS
120	2649	1		0	WORMS,FORAMS
120	2650	1		0	FORAMS,WORM TUBES,AND 1 SIPUNCULID
120	2651 A	1		0	SIPUNCULID,WORMS,GSTR,FORAMS
120	2651 B	1		0	PLANKTONIC FORAMS
120	2651 C	1		0	"
120	2652 A	1		0	HYDROIDS,BRNCHNG CORAL,BRITTLE STARS,CHITONS,BRACH,NUDIBRANCHS,BRYZOA,FORAMS,WORMS
120	2652 B	1		0	"
120	2652 C	1		0	"
120	2652 D	1		0	FOSSIL HORN CORALS,BRNCHNG CORAL,FAUNA
120	2652 E	1		0	"
120	2652 F	1		0	BENTHONIC FAUNA S/ PLANKTONICS
120	2652 G	1		0	"
120	2652 H	1		0	PLANKTONIC FAUNA
120	2652 I	1		0	MIXED PLANKTONIC-BENTHONIC FAUNA,PLCY,GSTR
120	2652 J	1		0	"
120	2652 K	1		0	"
120	2652 L	1		0	ELONGATED POD POSSIBLE RESULT OF WRM TUBE ENCRUSTATION
120	2653 A	1		0	"
120	2653 B	1		0	"
120	2653 C	1		0	"
120	2654 A	1		0	"
120	2654 B	1		0	"
120	2655 A	1		0	V WEAK AND FRIABLE PLCY,AND MEGAFOSSILS
120	2655 B	1		0	V WEAK AND FRIABLE PLCY,AND MEGAFOSSILS
120	2655 C	1		0	"
120	2655 D	1		0	"
120	2656 A	1		0	WORMS,FORAMS
120	2656 B	1		0	"
120	2656 C	1		0	"
120	2656 D	1		0	MIXED FORAM FAUNA
120	2656 E	1		0	"
120	2656 F	1		0	"
120	2657	1		0	NO SAMPLE-CAMERA LOWERING
120	2658 A	1		0	LITTLE WORMS
120	2658 B	1		0	"
120	2659 A	1		0	"
120	2659 B	1		0	BENTHONIC FORAMS AND TELLINID PELECYPODS
120	2659 C	1		0	"
120	2659 D	1		0	"
120	2660 A	1		0	WORMS,FORAMS,HYDROIDS
120	2660 B	1		0	BENTHONIC FORAM,PLCY FAUNA IN GREEN SILT
120	2660 C	1		0	WORM BORINGS
120	2660 D	1		0	"
120	2661 A	1		0	CHITONS,HYDROIDS,SIPUNCULID,BRYOZOA,BRITTLE STARS,CRABS,WRMS,SPNGS,GSTR,PGONS,ANEMONE
120	2661 B	1		0	WORM BORINGS
120	2661 C	1		0	LRGEST BOULDER HAS FOSSIL IMPRINT OF PLCY
120	2661 D	1		0	"
120	2661 E	1		0	"
120	2661 F	1		0	"
120	2661 G	1		0	"
120	2661 H	1		0	"
120	2661 I	1		0	"
120	2661 J	1		0	"

CODE #	STATION #		NO. OF DROPS	V B L	% PROC.	BIOLOGY
120	2661	K	1		0	*
120	2662	A	1		0	WORMS,FORAMS,FOSSIL PELECYPOD FRAGMENTS
120	2662	B	1		0	MIXED FORAM FAUNA
120	2662	C	1		0	WORM BORINGS
120	2663	A	1		0	2 RED CRABS,BRANCHED CORALS
120	2663	B	1		0	FORAMS
120	2663	C	1		0	*
120	2663	D	1		0	*
120	2663	E	1		0	GLASS SPONGE
120	2663	F	1		0	CORAL FRAGMENTS
120	2664	A	1		0	*
120	2664	B	1		0	*
120	2664	C	1		0	FORAMS
120	2665	A	1		0	GSTR,FORAMS,BRACH,PLCY,CRABS,WORMS,CORALS
120	2665	B	1		0	BENTHONIC FORAMS,BORINGS
120	2665	C	1		0	*
120	2665	D	1		0	*
120	2665	E	1		0	LIVING CORAL BUT SAMPLE NOW MISSING
120	2666		1		0	NO SAMPLE=CAMERA LOWERING
120	2667		1		0	*
120	2668	A	1		0	PECTENS AND PELECYPODS
120	2668	B	1		0	*
120	2668	C	1		0	FISH JAWS(QUERY)
120	2669		1		0	*
120	2670		1		0	*
120	2671		1		0	*
120	2672		1		0	*
120	2673		1		0	*
120	2674		1		0	*
120	2675		1		0	*
120	2676		1		0	*
120	2677		1		0	*
120	2678		1		0	*
120	2679		1		0	*
120	2680		1		0	*
120	2681		1		0	FORAMS
120	2682		1		0	FORAMS
120	2683		1		0	*
120	2684		1		0	*
120	2685		1		0	*
120	2686		1		0	*
120	2687		1		0	WORM BORED,ENCRUSTED W/ SERPULID WORM TUBES
120	2688		1		0	*
120	2689					BRYOZOAN ENCRUSTATIONS,SERPULID WORM TUBES
120	2690	A	1		0	*
120	2690	B	1		0	*
120	2691		1		0	*
120	2692		1		0	*
120	2693		1		0	*
120	2694		1		0	*
120	2695		1		0	*
120	2696		1		0	*
120	2697		1		0	*
120	2698		1		0	*
120	2699		1		0	*
120	2700		1		0	*
120	2701		1		0	*
120	2702		1		0	*
120	2703		1		0	*
120	2704		1		0	*
120	2705		1		0	*
120	2706	A	1		0	*
120	2706	B	1		0	*
120	2707		1		0	CORAL FRAGMENTS, PTEROPOD + PELAGIC FORAM TESTS
120	2708		1		0	CORAL FRAGS. PREDOMINATE, SOME PTEROPOD + PELAGIC FORAM TESTS
120	2709	A	1		0	*
120	2709	B	1		0	*
120	2710		1		0	*
120	2711		1		0	*
120	2712		1		0	*
120	2713		1		0	*
120	2714		1		0	*
120	2715		1		0	MANY FOSSILS
120	2716		1		0	*
120	2717		1	100	0	SAND DOLLARS,STARFISH,BRITTLE STARS,SEA URCHINS,SCALLOPS,HERMIT CRABS,COAL FRAGS,SHLS.
120	2718		1	1-	0	SOFT BODIED BLACK MASSES, SEA ANEMONE, BRACHIOPOD
120	2719		1	100	0	DEAD CLAM SHLS,LIVE QUAHOGS, CRABS, ANEMONE, GASTROPODS
120	2720		1	2	0	MOSTLY DEAD CLAM SHELLS, WORM TUBE LINERS, 1 STARFISH, 1 LIVE CLAM,SPONGES ON PEBBLE
120	2721	A	1	100	0	SHARK(QUERY)EGG CASE, BLACK WORM-LIKE MASSES, MANY SHELLS, STARFISH
120	2721	B	1	100	0	SHARK(QUERY)EGG CASE, BLACK WORM-LIKE MASSES, MANY SHELLS, STARFISH
120	2721	C	1	100	0	SHARK(QUERY)EGG CASE, BLACK WORM-LIKE MASSES, MANY SHELLS, STARFISH
120	2722		1	25	0	2 10-LEGGED STARFISH, SPONGES
120	2723		1	50	0	SCALLOPS,GASTROPODS,MAHOGONY CLAMS, WORM-LIKE MASSES,1 FLOUNDER, 1 SKATE, STARFISH
120	2724		1	20	0	STARFISH, WORM TUBES, SHELLS
120	2725		1	100	0	1 PIECE WOOD, 1 WORM TUBE-DARK GRAY
120	2726		1	100	0	1 SPONGE, STARFISH, WORMS, WORM TUBE LINERS
120	2727		1	120	0	DISARTICULATE CLAM+SCALLOP SHELLS; WORM BORED,SEA URCHINS,STARFISH-RED,WIDE; SPONGES
120	2728		1	3	0	PK.SEA ANEMONE, STARFISH, ENCRUSTING SPONGES,1LARGE MUSSEL,SCALLOP SHLS,WORMTUBE LINER
120	2729		1	1	0	1 WORM TUBE LINER, 2 VARIETIES OF SPONGE
120	2730		1	2	0	ANEMONE,SPONGE,1 DEAD BLEACHED SCALLOP SHELL,1 WORM TUBE LINER,2 FAT RED STARFISH

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2731	1	20	0	1 GOOSE FISH, STARFISH, ENCRUSTING SPONGES, WORMS, CLAM SHLS, WORN TUBE LINERS
120	2732	1	80	0	3 STARFISH, SPONGES
120	2733	1	1+	0	+
120	2734	1	1	0	BRYOZOAN AND SPONGE ENCRUSTATIONS
120	2735	1	1	0	ENCRUSTATIONS OF BRYOZOANS AND SPONGES
120	2736	1	1	0	ENCRUSTATIONS OF BRYOZOANS AND SPONGES
120	2737	1	3	0	CERIANTHIS TUBES, SEA ANEMONES
120	2738	1	2	0	CLAM AND SCALLOP SHELLS, STARFISH, WORMS, SHELL FRAGMENTS
120	2739	1	0		NO SAMPLE
120	2740 A	1	2		BRITTLE STAR, STARFISH, CERIANTHIS TUBE, SEA ANEMONE
120	2740 B	1	2		BRITTLE STAR, STARFISH, CERIANTHIS TUBE, SEA ANEMONE
120	2741 A	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2741 B	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2741 C	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2741 D	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2741 E	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2741 F	1	80		CORAL,SEA ANEMONE,WORMS,1LRG.RD.CRAB,1SM.GY.CRAB W/MAROON SPOTS,1HERMIT CRAB,MANY SHLS
120	2742	1	100		PINK CORAL,DEAD CORAL FRAGS.,CERIANTHIS TUBES, MANY WORMS, SPONGES
120	2743	1		0	SOME BURROWING BY ORGANISMS IN ROCK. MICRO-FAUNA MAINLY RADIOLARIANS
120	2744	1		0	+
120	2745	1		0	+
120	2746	1		0	+
120	2747	1		0	ENCRUSTING SPONGES, MANY WORM AND MOLLUSK BORINGS
120	2748	1		0	+
120	2749	1		0	SAMPLE LOST
120	2750	1		0	+
120	2751	1		0	+
120	2752	1		0	+
120	2753	1		0	+
120	2754	1		0	+
120	2755 A	1		0	+
120	2755 B	1		0	+
120	2756	1		0	+
120	2757	1		0	+
120	2758	1		0	+
120	2759	1	4		FEW WORM TUBES, PELECYPODS
120	2760	1	4		NONE NOTED
120	2761	1	2		WORMS, DECAPODS, HYDROIDS, LARGE PELECYPOD FRAGMENTS
120	2762A	1	1		WORM TUBES, PELECYPOD VALVES, DECAPODS
120	2762B	4	0		NONE, NO RECOVERY
120	2763	1	1+		NONE NOTED
120	2764	1			BARNACLES ENCRUSTING PEBBLES
120	2765	2	1+		MANY ENCRUSTING ORGANISMS
120	2766	2	1+		ENCRUSTING ORGANISMS-SPONGES, ETC., ONE SMALL CLAM
120	2767	1	3		PELECYPODS, GASTROPODS, ABUNDANT WORM TUBES
120	2768	3	1+		WORMS, SPONGES AND OTHER ENCRUSTING ORGANISMS
120	2769	1	1+		BARNACLES, BRITTLE STARS AND OTHER ENCRUSTING ORGANISMS
120	2770	1	4		A FEW WORM TUBES, ONE STARFISH
120	2771A	0			NONE RECORDED
120	2771B	2	4		FEW WORM TUBES, ONE SMALL STARFISH
120	2772	1	4		NONE NOTED
120	2773	1			NONE RECORDED
120	2774	1			NONE RECORDED
120	2775	1			SEA PENS, SEA URCHINS, SERPULID WORMS, FORAMS, RAT TAIL FISH
120	2801				+
120	2802				+
120	2803				+
120	2804				+
120	2805				+
120	2806				+
120	2807				+
120	2808				+
120	2809				+
120	2810				+
120	2811				+
120	2812				+
120	2813				+
120	2814				+
120	2815				+
120	2816				+
120	2817				+
120	2818				+
120	2819				+
120	2820				+
120	2821				+
120	2822				+
120	2823				+
120	2824				+
120	2825				+
120	2826				+
120	2827				+
120	2828				+
120	2829				+
120	2830				+
120	2831				+
120	2832				+
120	2833				+
120	2834				+
120	2835				+
120	2836				+

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CODE #	STATION #	NO. OF DROPS	VOL	% PROC.	BIOLOGY
120	2837				
120	2838				
120	2839				
120	2840				
120	2841				
120	2842				
120	2843				
120	2844				
120	2845				
120	2846				
120	2847				
120	2848				
120	2849				
120	2850				
120	2851				
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120	2915				
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120	2917				
120	2918				
120	2919				
120	2920				
120	2921				
120	2922				
120	2923				
120	2924				
120	2925				
120	2926				

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	2927				•
120	2928				•
120	2929				•
120	2930				•
120	2931				•
120	2932				•
120	2933				•
120	2934				•
120	2935				•
120	2936				•
120	2937				•
120	2938				•
120	2939				•
120	2940				•
120	2941				•
120	2942				•
120	2943				•
120	2944				•
120	2945				•
120	2946				•
120	2947				•
120	2948				•
120	2949				•
120	2950				•
120	2951				•
120	2952				•
120	2953				•
120	2954				•
120	2955				•
120	2956				•
120	2957				•
120	2958				•
120	2959				•
120	2960				•
120	2961				•
120	2962				•
120	2963				•
120	2964				•
120	2965				•
120	2966				•
120	2967				•
120	2968				•
120	2969				•
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120	2971				•
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120	2982				•
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120	2984				•
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120	2986				•
120	2987				•
120	2988				•
120	2989				•
120	2990				•
120	2991				•
120	2992				•
120	2993				•
120	2994				•
120	2995				•
120	2996				•
120	2997				•
120	2998				•
120	2999				•
120	3000				•
120	3001				•
120	3002				•
120	3003				•
120	3004				•
120	3005				•
120	3006				•
120	3007				•
120	3008				•
120	3009				•
120	3010				•
120	3011				•
120	3012				•
120	3013				•
120	3014				•
120	3015				•
120	3016				•

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CODE #	STATION #		NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	3017				*	
120	3018				*	
120	3019				*	
120	3020				*	
120	3021				*	
120	3022				*	
120	3023				*	
120	3024				*	
120	3025				*	
120	3026				*	
120	3027				*	
120	3028				*	
120	3029				*	
120	3030				*	
120	3031				*	
120	3032				*	
120	3033				*	
120	3034				*	
120	3035				*	
120	3036				*	
120	3037				*	
120	3038				*	
120	3039				*	
120	3040				*	
120	3041				*	
120	3042				*	
120	3043				*	
120	3044		1		0 *	
120	3045		1		0 *	
120	3046		1		0 *	
120	3047		1		0 *	
120	3048		1		0 *	
120	3049		1		0 *	
120	3050		1		0 *	
120	3051		1		0 *	
120	3052		1		0 *	
120	3053		1		0 *	
120	3054		1		0 *	
120	3055		1		0 *	
120	3056		1		0 *	
120	3057		1		0 *	
120	3058	A	1		0 *	
120	3058	B	1		0 *	
120	3059	A	1		0 *	
120	3059	B	1		0 *	
120	3060		1		0 *	
120	3061	A	1		0 *	
120	3061	B	1		0 *	
120	3062	A	1		0 *	
120	3062	B	1		0 *	
120	3063	A	1		0 *	
120	3063	B	1		0 *	
120	3064	A	1		0 *	
120	3064	B	1		0 *	
120	3065	A	1		0 *	
120	3065	B	1		0 *	
120	3066	A	1		0 *	
120	3066	B	1		0 *	
120	3067	A	1		0 *	
120	3067	B	1		0 *	
120	3068	A	1		0 *	
120	3068	B	1		0 *	
120	3068	C	1		0 *	
120	3069		1		0 *	
120	3070	A	1		0 *	
120	3070	B	1		0 *	
120	3071	A	1		0 *	
120	3071	B	1		0 *	
120	3072	A	1		0 *	
120	3072	B	1		0 *	
120	3073	A	1		0 *	
120	3073	B	1		0 *	
120	3074	A	1		0 *	
120	3074	B	1		0 *	
120	3075	A	1		0 *	
120	3075	B	1		0 *	
120	3076	A	1		0 *	
120	3076	B	1		0 *	
120	3076	C	1		0 *	
120	3077	A	1		0 *	
120	3077	B	1		0 *	
120	3078	A	1		0 *	
120	3078	B	1		0 *	
120	3079	A	1		0 *	
120	3079	B	1		0 *	
120	3080	A	1		0 *	
120	3080	B	1		0 *	
120	3080	C	1		0 *	
120	3081	A	1		0 *	
120	3081	B	1		0 *	

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CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	3082 A	1		0	•
120	3082 B	1		0	•
120	3083 A	1		0	•
120	3083 B	1		0	•
120	3084	1		0	•
120	3085 A	1		0	•
120	3085 B	1		0	•
120	3086 A	1		0	•
120	3086 B	1		0	•
120	3087 A	1		0	•
120	3087 B	1		0	•
120	3088 A	1		0	•
120	3088 B	1		0	•
120	3089 A	1		0	•
120	3089 B	1		0	•
120	3090 A	1		0	•
120	3090 B	1		0	•
120	3091 A	1		0	•
120	3091 B	1		0	•
120	3092 A	1		0	•
120	3092 B	1		0	•
120	3093 A	1		0	•
120	3093 B	1		0	•
120	3094 A	1		0	•
120	3094 B	1		0	•
120	3095 A	1		0	•
120	3095 B	1		0	•
120	3096 A	1		0	•
120	3096 B	1		0	•
120	3097 A	1		0	•
120	3097 B	1		0	•
120	3097 C	1		0	•
120	3098 A	1		0	•
120	3098 B	1		0	•
120	3099 A	1		0	•
120	3099 B	1		0	•
120	3100 A	1		0	•
120	3100 B	1		0	•
120	3100 C	1		0	•
120	3101 A	1		0	•
120	3101 B	1		0	•
120	3102 A	1		0	•
120	3102 B	1		0	•
120	3103 A	1		0	•
120	3103 B	1		0	•
120	3104 A	1		0	•
120	3104 B	1		0	•
120	3105 A	1		0	•
120	3105 B	1		0	•
120	3106	1		0	•
120	3107 A	1		0	•
120	3107 B	1		0	•
120	3108 A	1		0	•
120	3108 B	1		0	•
120	3109	1		0	•
120	3110	1		0	•
120	3111	1		0	•
120	3112 A	1		0	•
120	3112 B	1		0	•
120	3113	1		0	•
120	3114 A	1		0	•
120	3114 B	1		0	•
120	3115	1		0	•
120	3116	1			NONE VISIBLE
120	3117	1			
120	3118	3			A FEW CLAM SHELL FRAGMENTS
120	3119	3			
120	3120	1			BROKEN CLAM SHELLS
120	3121	1			A FEW BROKEN SHELLS + WORMS
120	3122	1			WORMS
120	3123	1			AMPHIPODS
120	3124	1			
120	3125	1			
120	3126	1			
120	3127	1			
120	3128				
120	3129	1			AMPHIPODS
120	3130	1			
120	3131	1			SMALL STARFISH + WORMS
120	3132	1			
120	3133	1			
120	3134	1			
120	3135	1			
120	3136	1			
120	3137	1			
120	3138	1			
120	3139	1			
120	3140	1			
120	3141	1			CLAM SHELL FRAGMENTS + AN ECHINOID
120	3142	1			BROKEN CLAM SHELLS

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CODE #	STATION #	NO. OF DROPS	V O L	S PROC.	BIOLOGY
120	3143	1			
120	3144	1			CLAMS
120	3145	1			BROKEN CLAM SHELLS
120	3146	1			
120	3147	1			
120	3148	1			
120	3149	1			CLAM SHELLS
120	3150	1			
120	3151	1			
120	3152	1			
120	3153	1			
120	3154	1			
120	3155	1			
120	3156	1			
120	3157	1			
120	3158	1			CLAM SHELL FRAGMENTS
120	3159	3			BROKEN CLAM SHELLS
120	3160	1			
120	3161	1			
120	3162	1			
120	3163	1			
120	3164	1			
120	3165	1			
120	3166	1			
120	3167	1			
120	3168	1			
120	3169	1			EPIFAUNA OF WORMS,TUNICATES,ETC
120	3170	1			
120	3171	1			
120	3172	1			
120	3216A	1			SERPULID TUBES BRITTLE STARS WORMS SEA MOUSE
120	3216B	1			WORMS + WORM TUBES
120	3217	1			WHITE ENCRUSTED SPONGES,BURROW RIDDLED
120	3218	1			CERIANTHUS TUBE
120	3219	1			
120	3220	1			
120	3221	1			
120	3222	1			
120	3223	1			
120	3224	1			WORMS
120	3225	1			SCALLOP + CLAM SHELLS WORM TUBES
120	3226	1			SAND FLEAS THREAD WORMS
120	3227	1			
120	3228	4			
120	3229	5			
120	3230	5			
120	3231	1			
120	3232	1			
120	3233	1			
120	3234	1			
120	3235A	1			
120	3235B	1			
120	3236	2			
120	3237	1			BRITTLE STARS WORMS + THREAD WORMS
120	3238	1			
120	3239	1			
120	3240	1			
120	3241	1			
120	3242	1			
120	3243	1			
120	3244	2			PELECYPODS SCAPHOPODS OPHIUROIDS WORMS
120	3245	1			STARFISH WORM THREAD WORM
120	3246	1			WORM TUBES
120	3247	4			1 QUAHOG THREADWORMS
120	3248	4			
120	3249	1			SPONGES ON PEBBLES
120	3250	1			
120	3251	1			
120	3252	1			
120	3253	1			CLAM SHELL FRAGMENTS
120	3254	1			
120	3255	2			
120	3256	3			
120	3257	1			BARNACLES HOLOTHURIANS
120	3258	4			PELECYPOD SHELL FRAGMENTS
120	3259	3			SPONGES SEA SQUIRT TEREBRATULINA
120	3260	1			BRITTLE STAR SEA SQUIRT WORMS SPONGES
120	3261	1			SEA URCHIN WORM TUBES DEAD PELECYPOD SHELL
120	3262	1			WORM TUBES
120	3263	1			
120	3264	1			
120	3265	1			BRITTLE STAR BRACHOPOD
120	3266	1			
120	3267	1			SEA ANEMONES
120	3268	2			
120	3269	4			
120	3270	1			
120	3271	1			WORM TUBES PELECYPOD SHELL FRAGMENTS
120	3272	2			LEACHED SHELL FRAGMENTS SEA URCHIN
120	3273	4			WORMS

M3306 3 3 5 0 0 2

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	3274	1			OPHIUROIDS RED ALGAE
120	3275	1			OPHIUROIDS ASTEROIDS
120	3276	1			KELP
120	3277	4			SOFT NON CALCAREOUS WORM TUBES
120	3278	4			BRACHIOPODS WORM TUBES
120	3279	1			A FEW BLEACHED SHELLS
120	3280	3			OPHIUROIDS PELECYPODS CORALS WORMS + TUBES SPON
120	3281	2			PELECYPODS
120	3282	4			
120	3283	1			
120	3284	1			CRABS WORMS SEA ANEMONES
120	3285	1			
120	3286	1			
120	3287	1			SEA URCHINS BRITTLE STARS SPONGES HOLOTHURIANS PELECYPOD SHELLS
120	3288	7			
120	3289	3			WORM TUBES
120	3290	2			
120	3291	1			SEA SQUIRTS WORMS ECTOPROCTS
120	3292	2			PINK,YELLOW,BROWN ALGAE TEREBRATULA SPONGES PELECYPODS ECTOPROCTS
120	3293	1			
120	3294	3			
120	3295	3			OPHIUROIDS ASTEROIDS CLAMS SEA SQUIRTS
120	3296 A	2			OPHIUROIDS ALGAE-COVERED MUSSELS MUCH RED ALGAE
120	3296 B	2			OPHIUROIDS ALGAE-COVERED MUSSELS MUCH RED ALGAE
120	3297	1			
120	3298	1			
120	3299	1			
120	3300	4			BLEACHED PELECYPOD SHELLS
120	3301	1			
120	3302	1			
120	3303	1			
120	3304	3			STARFISH WORMS SEA SQUIRT BRITTLE STARS PELECYPODS SHELL FRAGMENTS GASTRAPOD
120	3305	1			BROKEN CLAM SHELLS
120	3306	1			SCATTERED THIN PELECYPOD SHELLS
120	3307	1			
120	3308	1			BRYOZOA
120	3309	2			FEW SHELL FRAGMENTS
120	3310	1			PELECYPODS WORMS HOLOTHURIANS
120	3311A	1			
120	3311B	1			
120	3312	1			PELECYPOD SHELL FRAGMENTS
120	3313	0			
120	3314	1			
120	3315	1			
120	3316	1			BLEACHED PELECYPOD SHELL FRAGMENTS
120	3317	1			MUSSELS BRITTLE STARS SCALE WORMS BARNACLE SPONGES BRYOZOANS
120	3318	1			ALGAE TWIGS GASTROPODS SEA URCHINS
120	3319	1			ALGAE
120	3320	1			WORMS
120	3321	1			WORMS HOLOTHURIANS
120	3322	2			NO ORGANISMS
120	3323	1			HOLOTHURIANS
120	3324	2			MUSSELS ECHINOIDS
120	3325	1			SAND DOLLAR
120	3326	2			HOLOTHURIANS UP TO 6IN LONG,SEA URCHIN,SHELLS
120	3327	1			SHELL FRAGMENTS
120	3328	1			SEA URCHINS SAND DOLLAR PELECYPOD SHELL FRAGMENTS
120	3329	2			MUSSELS SCALE WORMS LIMPET SHELL HASH SPONGE
120	3330	1			SHELL HASH LIMPETS
120	3331	5			ONE HOLOTHURIAN
120	3332	1			SMALL PELECYPODS.
120	3333	1			NONE OBSERVED
120	3334	1			AMPHIPODS WORMS SHELL FRAGMENTS
120	3335	1			HOLOTHURIANS
120	3336	1			BRYOZOANS AMPHIPODS INCLUDING CAPRELLIDS SCALE WORM
120	3337	4			
120	3338	2			HOLOTHURIANS-TWO KINDS
120	3339	2			SHRIMPS AMPHIPODS
120	3340	2			1 SEA URCHIN
120	3341	1			TWIGS
120	3342	1			FEW BLEACHED PELECYPOD FRAGMENTS
120	3343	1			1 DEAD SNAIL
120	3344	4			SEAWEED PELECYPOD FRAGMENTS
120	3345	1			TWIGS + STICKS
120	3346	1			NONE OBSERVED
120	3347	1			NONE OBSERVED
120	3348	1			NONE OBSERVED
120	3349	1			NONE OBSERVED
120	3350	1			SAND DOLLAR SEA URCHIN WORMS
120	3351	1			NONE OBSERVED
120	3352	1			TWIGS
120	3353	1			NONE OBSERVED
120	3354	2			NONE OBSERVED
120	3355	3			SMALL PELECYPODS
120	3356	3			VERY FEW SMALL CLAMS
120	3357	1			TWIGS 1 SMALL CLAM SHELL 1 SEA CUCUMBER
120	3358	1			1 VERY SMALL CLAM
120	3359	1			SHELL FRAGMENTS
120	3360	1			NONE OBSERVED
120	3361	1			NONE OBSERVED

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CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	3362	1			NUCULA SEA CUCUMBER SCALE WORM
120	3363	1			PELECYPOD SHELL FRAGMENTS
120	3364	1			NUCULA GASTRAPOD
120	3365	0			
120	3366	2			SEA CUCUMBERS SEA URCHINS HYDROIDS ANEMONES ASCIDIANS STARFISH
120	3367	1			WORMS SAND DOLLARS CLAMS
120	3368	1			ISOPODS CLAMS MUSSELS ABUNDENT SHELL DEBRIS
120	3369	1			1 ANNELID WORM
120	3370	2			SEVERAL NUCULA
120	3371	2			WORMS NUCULA
120	3372	1			SEVERAL TYPES OF BIVALVES
120	3373	1			NUCULA 1 WORM TWIGS
120	3374	1			NUCULA 1 GASTRAPOD SHELL FRAGMENTS
120	3375	4			SEA SQUIRT SEA CUCUMBER NUCULA
120	3376	1			PELECYPOD SHELL FRAGMENTS
120	3377	0			
120	3378	1			SHELL FRAGMENTS GASTRAPODS WORMS AMPHIPODS
120	3379	1			SHELL FRAGMENTS WORMS AMPHIPODS
120	3380	2			NUCULA 2 SPECIES OF SEA CUCUMBERS
120	3381	1			SHELL FRAGMENTS AMPHIPODS
120	3382	1			NUCULA WORMS SEA CUCUMBERS
120	3383	1			1 STARFISH 6IN ACROSS
120	3384	1			MANY SEA CUCUMBERS
120	3385	2			1 SEA URCHIN
120	3386	1			SHELL FRAGMENTS
120	3387	2			SAND DOLLAR FRAGMENTS SEA URCHIN SMALL PELECYPODS
120	3388	1			NONE OBSERVED
120	3389	1			SEA URCHINS NUCULA
120	3390	2			FEW NUCULA SHELLS
120	3391	1			CLAM SHELLS NUCULA FISH BONES
120	3392	0			
120	3393	0			
120	3394	1			FEW SHELL FRAGMENTS
120	3395	5			NONE OBSERVED
120	3396	4			
120	3397	:			WORMS
120	3398	1			WORMS, PELECYPOD FRAGMENTS
120	3399	1			WORM TUBES
120	3400	3			
120	3401	4			
120	3402	2			
120	3403	4			WORM TUBES
120	3404	1			
120	3405	1			WORM TUBES SAND FLEAS
120	3406	2			WORM TUBES PELECYPOD
120	3407	3			
120	3409	2	1.		MUSSELS, WORMS, GRAVEL COATED WITH RED ORGANIC MATTER.
120	3410	4	1.		NONE NOTED
120	3411	3	1		SOME WORM TUBES
120	3412	1	1		MANY WORM TUBES, BLACK ORGANIC PATCHES NOTICED IN SEDIMENT SAMPLE.
120	3413	1	3		WORMS WITH TUBES THAT COAGULATE THE MUD AROUND IT.
120	3414	1	5		NONE RECORDED
120	3415	4	1.		NONE RECORDED
120	3416	1	1.		ONE SEA URCHIN AND ONE WORM TUBE.
120	3417	3	1.		CALC WORM TUBES AND ONE YELLOW SPONGE.
120	3418	2	2		WORMS
120	3419	1	3		SAND LINE TUBES AND A SEA URCHIN.
120	3420	2	15		ONE WORM TUBE.
120	3421	1	15		CERIANTHUS TUBES, SEA SQUIRTS,BRITTLE STARS.
120	3422	5	12		ABUNDANT WORM TUBES, SOME SHELLS
120	3423	4	20		WORMS SOME BLEACHED WHITE SHELLS.
120	3424	1	20		ABUNDANT WORMS AND WORM TUBES.
120	3425	1	3		PELECYPOD SHELLS BLEACHED WHITE.
120	3426	1	2		PELECYPOD SHELL
120	3427	1	1.		PELECYPOD VALVES
120	3428	2	2		PELECYPOD SHELLS
120	3429	4	1.		ONE SPHUROID
120	3430	2	3		WORM TUBES.
120	3431	2			NONE NOTED.
120	3432	1	20		THIN BLACK CHITINOUS WORM TUBES.
120	3433	1	20		WORMS IN STIFF CYLINDRICAL LUMPS.
120	3434	1	8		ONE PHOSPHORESCENT.
120	3435	1	8		WORMS, SPONGES.
120	3436	2	1.		SEA SQUIRTS, SEPULID WORM TUBES.
120	3437	2	1.		SEA SQUIRT, ENCRUSTING SPONGES.
120	3438	2	1.		BRITTLE STARFISH, WORMS, SPONGES, ENCRUSTING WORM TUBES.
120	3439	1	15		ABUNDANT WORMS, VARIETY OF BLEACHED PELECYPOD SHELLS.
120	3440	1	10		ACANTHUS TUBES, WORMS, RARE SHELL FRAGMENTS.
120	3441	1	15		ABUNDANT WORMS AND WORM TUBES.
120	3442	1	18		ABUNDANT WORMS
120	3443	1	20		RARE BLEACHED PELECYPOD AND GASTROPOD SHELLS
120	3444	1	20		WORMS
120	3445	2	4		PELECYPODS, WORMS, SHELL FRAGMENTS
120	3446	2	1.		NONE NOTED
120	3447	1	1		BROKEN PELECYPOD SHELLS
120	3448	1	3		PELECYPOD SHELLS AND VALVES
120	3449	5	0		BARNACLES AND OTHER ENCRUSTING EPIFAUNA LIVING ON COBBLES.
120	3450	3	4		PELECYPODS(LIVING) AND SHELL HASH
120	3451	1	5		WORM TUBES
120	3452	2	10		WORMS

CODE #	STATION #	NO. OF DROPS	V O L	% PROC.	BIOLOGY
120	3453	2	20		NONE NOTED
120	3454	1	15		WORM TUBES
120	3455	3	0		NO SAMPLE RECOVERED
120	3456	2	20		A CHITINOUS WORM TUBE.
120	3457	1	15		A CHITINOUS WORM TUBE.
120	3458	1	15		ABUNDANT WORMS
120	3459	3	0		NO SAMPLE RECOVERED, A FEW SCRAPINGS OF RED ALGAE FOUND ON GRAB.
120	3460	1	9		WORMS-IN PLACE
120	3461	1	1		MUCH SHELL HASH/MOSTLY PELECYPOD FRAGMENTS
120	3462	2	2		FEW SHELL FRAGMENTS
120	3463	3	0		NO SAMPLE RECOVERED.
120	3464	1	2		NONE NOTED
120	3465	2	1		NONE NOTED
120	3466	1	10		WORMS
120	3467	1	10		NONE NOTED
120	3468	2	10		A LAMPREY-LIKE EEL WAS ATTACHED TO BOTTOM OF GRAB, ABOUT 18 INCHES LONG WITH EGGS.
120	3469	1	1		ONE WORM SEEN
120	3470	2	20		WORM TUBES WITH AGGLUTINATED MUD COVERINGS.
120	3471	2	2		NONE NOTED
120	3472	3	1		WORM TUBES
120	3473	4	1•		NONE NOTED
120	3474	3	0		NONE
120	3475	5	1•		NONE NOTED
120	3476	5	0		NO SAMPLE RECOVERED
120	3477	5	0		NO SAMPLE RECOVERED
120	3478	4	1•		URCHINS(G)
120	3479	2	1•		WORM TUBES
120	3480	4	0		NO SAMPLE RECOVERED
120	3481	5	1•		NONE NOTED
120	3482	4	0		NO SAMPLE RECOVERED
120	3483	2	1•		ROCKS ENCRUSTED WITH BRYZOANS AND ALGAE.
120	3484	2	1•		NONE NOTED
120	3485	4	2		NONE NOTED
120	3486	4	1		NONE NOTED
120	3487	2	1		NONE NOTED
120	3488	1	1•		NONE NOTED
120	3489	1	1•		NONE NOTED
120	3490	1	1•		ONE SMALL CLAM SHELL AND WORM TUBE.
120	3491	1	1•		WORMS
120	3492	1	1•		NONE NOTED
120	3493	1	1•		NONE NOTED
120	3494	1	1•		BROKEN PELECYPOD SHELL.
120	3495	5	0		NO SAMPLE RECOVERED.
120	3496	4	1•		ABUNDANT SAND DOLLARS
120	3497	2	1•		NONE NOTED
120	3498	4	0		NO SAMPLE RECOVERED
120	3499	1	1•		NONE NOTED
120	3500	1	1•		NONE NOTED
120	3501	1	1•		WORM TUBES
120	3502	2	1•		NONE NOTED
120	3503	1	1•		NONE NOTED
120	3504	1	1•		NONE NOTED
120	3505	1	1•		NONE NOTED
120	3506	2	1		NONE NOTED
120	3507	1	1•		NONE NOTED
120	3508	5	0		NO SAMPLE RECOVERED
120	3509	1	1•		MOLLUSK AND BARNACLE VALVES.
120	3510	3	1•		NONE
120	3511	1	1•		NONE NOTED
120	3512	2	1•		NO DESCRIPTION
120	3513	2	0		NO SAMPLE RECOVERED EXCEPT A SMALL PEBBLE.
120	3514	1	1•		ONE SMALL CLAM
120	3515	1	1•		NONE NOTED
120	3516	4	1•		TWO LARGE MUSSELS
120	3517	2	1•		NONE NOTED
120	3518	1	1•		NONE NOTED
120	3519	2	1		PELECYPOD SHELLS, SNAILS, MUSSELS
120	3520	3	0		NO SAMPLE RECOVERED
120	3521	2	1•		CLAM AND MUSSEL SHELL FRAGMENTS
120	3522	1	1•		PELECYPOD SHELLS.
120	3523	1	1•		NONE NOTED
120	3524	5	1		BROKEN PELECYPOD VALVES
120	3525	4	1•		NONE NOTED
120	3526	3	1•		NONE NOTED
120	3527	1	1•		NONE NOTED
120	3528	1	1•		NONE NOTED
120	3529	3	1•		NONE NOTED
120	3530	1	1		NONE NOTED
120	3531	2	1•		NONE NOTED
120	3532	2	1•		BRITTLE STAR, ENCRUSTING ALGAE, BRYOZOA
120	3533	2	1•		ENCRUSTING SPONGES, ONE LARGE CLAM
120	3534	1	1•		THIN SHELLED PELECYPOD FRAGMENTS.
120	3535	2	1•		BROKEN PELECYPOD SHELL FRAGMENTS.
120	3536	1			NONE NOTED
120	3537	1			NONE NOTED
120	3538	1			NONE NOTED
120	3539	1			NONE NOTED
120	3540	1			NONE NOTED
120	3541	5	1•		PELECYPODS
120	3542	3	3		NONE NOTED

CODE #	STATION #	NO. OF GRABS	V O L	% PROC.	BIOLOGY
120	3543	1	1.		NONE NOTED
120	3544	5	1.		NONE NOTED
120	3545	3	1.		WORMS, ASCEDIAN(S), PELECYPOD SHELL FRAGMENTS
120	3546	1	1.		NONE NOTED
120	3547	1	1.		NONE NOTED
120	3548	1	1.		NONE NOTED
120	3549	1	1.		NONE NOTED
120	3550	1	1.		NONE NOTED
120	3551	1	1.		NONE NOTED
120	3552	2	1.		HELETRUNIANS, ASTEROIDS, BRYOZOANS
120	3553	1	1.		ASTEROID
120	3554	3	1.		ECHINOID, SCAPHYROID, TERNICATE
120	3555	1	1.		PELECYPOD VALVES.
120	3556	3	0		NO SAMPLE RECOVERED
120	3557	1	1.		SPONGES, BROKEN SCALLOP SHELLS, COELENTERATES.
120	3558	1	1.		ONE WHECK-GASTROPOD, ONE SAND DOLLAR
120	3559	1	1.		SCATTERED BROKEN SHELL FRAGMENTS
120	3560	2	1.		ONE PELECYPOD SHELL FRAGMENTS
120	3561	2	1.		ONE DISARTICULATED PELECYPOD SHELL
120	3562	2	1.		NONE NOTED
120	3563	1	2		NONE NOTED
120	3564	4	1.		ABUNDANT SHELLS
120	3565	1	1.		SHELLS
120	3566	1	2		NONE NOTED
120	3567	1	1.		SHELLS
120	3568	1	2		SHELLS
120	3569	1	2		EEL GRASS AND SHELLS
120	3570	1	2		ABUNDANT SHELLS AND EEL GRASS.
120	3571	1	1.		BLEACHED OYSTER SHELLS.
120	3572	1	1.		NONE NOTED
120	3573	2	1		NONE NOTED
120	3574	1	2		NONE NOTED
120	3575	2	1.		ABUNDANT BLEACHED PELECYPOD SHELLS
120	3576	1	1.		WORMS, SAND FLEA.
120	3577	1	1.		BLEACHED OYSTER SHELLS
120	3578	1	1.		NONE
120	3579	2	1.		WORM TUBES, BLEACHED PELECYPOD SHELLS
120	3580	2	1.		ABUNDANT WORMS
120	3581	1	1.		OYSTER SHELLS, ALGAE COATING ON SOME PEBBLES.
120	3582	5	1.		CRINOID AND ALGAE SCRAPING
120	3583	4	0		NO SAMPLE RECOVERED
120	3584	1	1.		NONE NOTED
120	3585	0	0		NO SAMPLE TAKEN
120	3586	2	1.		NONE OBSERVED
120	3587	3	1.		NONE OBSERVED
120	3588	1	1.		NONE OBSERVED
120	3589	1	1.		PELECYPOD SHELL FRAGMENTS
120	3590	4	0		NO SAMPLE RECOVERED
120	3591	2	1		BRITTLE STAR, ALGAE.
120	3592	0	0		NO SAMPLE TAKEN
120	3593	0	0		NO SAMPLE TAKEN
120	3594	0	0		NO SAMPLE TAKEN
120	3595	5	0		NO SAMPLE RECOVERED
120	3605	0	0		NO SAMPLE TAKEN
120	3606	1	1.		NONE NOTED
120	3607	3	0		NO SAMPLE RECOVERED
120	3608	1	1.		NONE OBSERVED
120	3609	1	1.		WORMS
120	3610	1	1.		NONE NOTED
120	3611	1	1.		NONE NOTED
120	3612	0	0		NO SAMPLE TAKEN
120	3613	1	1.		FEW BLEACHED SHELL FRAG., ASSORTED SAND DOLLARS
120	3614	0	0		NO SAMPLE TAKEN
120	3615	0	0		NO SAMPLE TAKEN
120	3616	1	1.		NONE OBSERVED
120	3617	1	1.		NONE OBSERVED
120	3618	0	0		NO SAMPLE TAKEN
120	3619	0	0		NO SAMPLE TAKEN
120	3620	0	0		NO SAMPLE TAKEN
120	3621	0	0		NO SAMPLE TAKEN
120	3622	0	0		NO SAMPLE TAKEN
120	3623	0	0		NO SAMPLE TAKEN
120	3624	2	0		KELP-LIKE SEA WEED
120	3625	0	0		NO SAMPLE TAKEN
120	3626	1	1.		NO NOTED
120	3627	1	1.		ONE SAND DOLLAR AND SOME SHELL FRAGMENTS
120	3628	0	0		NO SAMPLE TAKEN
120	3629	2	1.		NONE NOTED
120	3630	1	1.		SHELL FRAGMENTS

Code Line 130 Miscellaneous sample-collection data

Code line 130 contains miscellaneous information about the sample or the station such as sediment color, water color, water temperature and comments.

Explanation of headings

CODE # — Indicates that the line contains the type of data characterized by code 130.

STATION # — As described under code 100 above.

COLOR (WET) — Munsell code number for the color of the wet sample.

ADD. CLR INF — If a 1 appears in this column, additional information on color is given under notes where more than one color was present in the sample.

FOREL — Indicates the color of the surface sea water by visual comparison with standards of the Forel yellow-blue series.

SECCHI — Depth in meters at which a standard Secchi disc is just visible from the surface.

PHO — Indicates type of photographs attempted as follows:

0 = No photographs attempted
1 = Black and white
2 = Color
3 = Black and white stereo
4 = Color stereo
5 = Mixed black and white and color stereo
6 = Mixed black and white and color, not stereo
7 = Edgerton camera lowering, black and white
8 = Camera sled
01 = Deck photo of sample only, black and white
02 = Deck photo of sample only, color
09 = Beach or land photo
11 = Both bottom and deck photo, black and white
12 = Both bottom and deck photo, first numeral indicates type of bottom photo, second numeral indicates type of deck photo according to single numeral code above.
...

NO. OF PHO — Number of usable photographs obtained. For Edgerton camera photographs, the numeral 1 symbolizes one camera lowering even though many photographs may have been obtained.

AIR TEM (C) — Temperature of the air in degrees celsius.

SURF TEM (C) — Temperature of the surface water in degrees celsius.

BT — Indicates whether a bathythermograph was taken at the station

0 = No bathythermograph
1 = Bathythermograph taken

PLK — Indicates whether a plankton tow was made at the station

0 = No plankton tow
1 = Plankton tow taken

ARC — Indidates whether an archive sample was taken for the Smithsonian Sorting Center

0 = No archive sample
1 = Archive sample taken

SPC — Indicates whether a special sample (usually 1 gallon) was taken as a type sample for special geological study

0 = No special sample
1 = Special geology sample taken

STR — Indicates whether a sample is in storage at the Woods Hole Oceanographic Institution

0 = No sample in storage
blank = Sample in storage

NOTES — Miscellaneous notes and comments concerning the station or the samples.

Positions of data within tape records

Code Line	Data	Character Position	Fortran Mode	No. of Characters	Dec. point in pos.	No. of Dec. places
130	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Color code	22-29	A	8		
	Signal for additional color information	31	A	1		
	Forel Color	34-37	F	4	36	1
	Secchi disc	39-42	F	4	41	1
	Photographs (bottom)	44	A	1		
	Photographs (deck)	45	A	1		
	No. of photographs	46,47	I	2		
	Air temperature	49-52	F	4	51	1
	Surface water temperature	54-57	F	4	56	1
	Bathythermograph	59	A	1		
	Plankton tow	61	A	1		
	Archive sample	63	A	1		
	Special geology sample	65	A	1		
	Sample in storage	67	A	1		
	Notes	69-119	A	51		

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	P T	A L R	S P C	S T R	NOTES
130	A002	2.5Y 4/4				0	0			1	0	0	0	BOTTOM TEMP 8.2
130	A003	2.5Y 5/6				0	0			1	0	0	0	BOTTOM TEMP 8.4
130	A012	2.5Y 6/4				0	0			1	0	0	0	BOTTOM TEMP 8.4
130	A015	2.5Y 6/4				0	0			1	0	0	0	BOTTOM TEMP 8.2
130	A016	2.5Y 6/4				0	0			1	0	0	0	BOTTOM TEMP 7.9
130	A020	"				0	0			1	0	0	0	BOTTOM TEMP 7.8
130	A023	5Y 3/2				0	0			1	0	0	0	BOTTOM TEMP 6.6
130	A026	2.5Y 6/6				0	0			1	0	0	0	BOTTOM TEMP 7.9
130	A028	"				0	0			1	0	0	0	BOTTOM TEMP 7.8
130	A036	2.5Y 5/4				0	0			1	0	0	0	BOTTOM TEMP 8.1
130	A037A	2.5Y 6/6				0	0			1	0	0	0	BOTTOM TEMP 7.6
130	A038	5Y 5/4				0	0			1	0	0	0	BOTTOM TEMP 7.6
130	A040	5Y 4/4				0	0			1	0	0	0	BOTTOM TEMP 7.8
130	A041	"				0	0			1	0	0	0	BOTTOM TEMP 7.7
130	A042	5Y 3/2				0	0			1	0	0	0	BOTTOM TEMP 6.6
130	A044	5Y 4/4				0	0			1	0	0	0	BOTTOM TEMP 7.5
130	A045	"				0	0			1	0	0	0	BOTTOM TEMP 7.8
130	A046	"				0	0			1	0	0	0	BOTTOM TEMP 7.6
130	A047	5Y 6/4				0	0			1	0	0	0	BOTTOM TEMP 7.7
130	A048	2.5Y 6/4				0	0			1	0	0	0	BOTTOM TEMP 7.8
130	A052	2.5Y 6/6				0	0			1	0	0	0	BOTTOM TEMP 7.5
130	A055	2.5Y 5/4				0	0			1	0	0	0	BOTTOM TEMP 7.1
130	B003	5Y 5/4				0	0				0	0	0	"
130	B005	"				0	0				0	0	0	"
130	D003	"				0	0				0	0	0	"
130	D007	2.5Y 6/6				0	0				0	0	0	"
130	D009	"				0	0				0	0	0	"
130	E001	"				0	0				0	0	0	0 SANDERS =,C1=1
130	E002	5Y 3/2				0	0				0	0	0	SANDERS =,D
130	E003	5Y 3/2				0	0				0	0	0	SANDERS =,E1=2+=3
130	E004	5Y 4/2				0	0				0	0	0	SANDERS =,F1
130	E005	5Y 4/2				0	0				0	0	0	SANDERS =,G=1+3
130	E006	5Y 5/2				0	0				0	0	0	SANDERS =,GH=GH=4
130	E007	2.5Y 5/2				0	0				0	0	0	SANDERS =,HH=1
130	E008	2.5Y 5/2				0	0				0	0	0	SANDERS =,II=2
130	E009	10YR4/2				0	0				0	0	0	SANDERS =,JJ=1+3
130	E010	"				0	0				0	0	0	0 SANDERS =,LL=1
130	E011	"				0	0				0	0	0	0 SANDERS =,MM=1
130	E012	"				0	0				0	0	0	SANDERS =,NN=1
130	E013	"				0	0				0	0	0	0 SANDERS =,OO=2
130	E014	"				0	0				0	0	0	0 SANDERS =,SLOPE STA. 2
130	E015	7.5Y 3/2				0	0				0	0	0	SANDERS =,SLOPE STA. 3
130	E016	7.5Y 3/2				0	0				0	0	0	SANDERS =,SLOPE STA. 4
130	E017	"				0	0				0	0	0	0 SANDERS =,A 298 STA 55
130	E018	7.5Y 4/2				0	0				0	0	0	0 SANDERS =,A 298 STA 58
130	E019	"				0	0				0	0	0	0 SANDERS =,A 298 STA 60
130	H001	"				00	0							LAND SAMPLE,FLOODPLAIN, MILFORD,ME .6M BELOW SURFC
130	H002	"				00	0							LAND SAMPLE,FLOODPLAIN, MILFORD,ME .2M BELOW SURFC
130	H003	"				00	0							LAND SAMPLE,FLOODPLAIN MILFORD,ME 3M BELOW SURFC
130	H004	"				00	0							LAND SAMPLE,SANDY POINT MILFORD,ME 1M BELOW SURFC
130	H005	"				00	0							LAND SAMPLE,SANDY PT MILFORD,ME 1.08M BELOW SURFC
130	H006	"				00	0							LAND SAMPLE,SANDY PT MILFORD,ME 1.18M BELOW SURFC
130	H007	"				00	0							RIVER BTTM, INDIAN I. OLD TOWN MAINE
130	H008	"				09	3							RIVER BTTM, RT 2A BRIDGE,STILLWATER MAINE
130	H009	"				00	0							LAND SAMPLE RT 9 4.2 MI E OF BEDDINGTON MAINE
130	H010	"				00	0							LAND SAMPLE RT 9 12 MI W OF INTERSECTION OF RT 1
130	H011	"				00	0							LAND SAMPLE S BANK AT RIVER LEVEL NEAR CALAIS ME
130	H012	"				00	0							LAND SAMPLE 20 FEET ABOVE RIVER LEVEL NR CALAIS,ME
130	H013	"				09	2							INLET BTTM, BRIDGE,MACHIAS HARBOR CHANNEL, MAINE
130	H014	"				00	0							RIVER BTTM, RT 1 BRIDGE CHERRYVILLE,MAINE
130	H015	"				09	5							LAND SAMPLE,SHORE NEAR GRAHAM DAM 0.25CM MAINE
130	H016	"				00	0							RIVER BTTM, TOLL BRDG,BANGOR MAINE
130	H017	"				00	0							LAND SAMPLE GR PIT 2 MI S OF WATERVILLE MAINE
130	H018	"				00	0							LAND SAMPLE GR PIT 2 MI S OF WATERVILLE MAINE
130	H019	"				00	0							LAND SAMPLE FLOOD PLAIN NEAR BRUNSWICK MAINE
130	H020	"				09	1							LAND SAMPLE TIDAL MARSH.BRANCH BRK.KENNEBUNKPORT
130	H021	"				09	3							LAND SAMPLE,TIDAL MARSH,LITTLE R.KENNEBUNKPORT
130	H022	"				09	1							LAND SAMPLE,BANK OF BRANCH BRK ABOVE PUMP.STATION
130	H023	"				00	0							LAND SAMPLE,BRANCH BRK NR OLD SANFORD SPEEDWAY
130	H024	"				09	1							LAND SAMPLE,SOIL PROFILE NR OLD SANFORD SPEEDWAY
130	H025	"				09	1							LAND SAMPLE,SOIL PROFILE NR OLD SANFORD SPEEDWAY
130	H026	"				09	1							LAND SAMPLE,SOIL PROFILE NR OLD SANFORD SPEEDWAY
130	H027	"				09	1							LAND SAMPLE,SOIL PROFILE NR OLD SANFORD SPEEDWAY
130	H028	"				09	1							LAND SAMPLE,50 YDS ABOVE DAM-BRADLEY GARDENS N.J.
130	H029	"				09	1							LAND SAMPLE,3 FT ABOVE HIGH TIDE LEVEL,PENN MANOR
130	H030	"				00	0							LAND SAMPLE,LOWEST TERRACE .5MI BELOW CONOWINGO DM
130	H031	"				00	0							LAND SAMPLE,HIGHER TERRACE .5MI BELOW CONOWINGO DM
130	H032	"				00	0							LAND SAMPLE,RIVER BED .5MI BELOW CONOWINGO DAM
130	H033	"				00	0							LAND SAMPLE,JUST ABOVE DAM,LOWES IS. OPP.SENECA,MD.
130	H034	"				09	1							LAND SAMPLE,AT MOTTS RUN,SALEM CHURCH QUAD.VA.
130	H035	"				09	1							LAND SAMPLE,1 M ABOVE R.LEVEL,MOSS NECK,RAPP.ACAD.Q
130	H036	"				09	1							LAND SAMPLE,100 YDS BELOW RT 301 BRIDGE
130	H037	"				09	1							LAND SAMPLE,BTWN ROCKS IN R.NR WILLIAMS IS.WSTHMPT.Q
130	H038	"				09	1							LAND SAMPLE,4 FT BELOW HIGH TIDE,HENRICO MARINA
130	H039	"				00	0							LAND SAMPLE,AT HIGH TIDE MARK,HENRICO MARINA
130	H040	"				09	1							LAND SAMPLE,JUST BELOW RT 189 DRAWBRDGE,HI TIDE MK
130	H041	"				09	1							LAND SAMPLE FLATS AT RT 48 BRIDGE,ROANOKE RAPIDS
130	H042	"				09	1							LAND SAMPLE S.BNK AT RT 13 BRIDGE,WILLIAMSTON
130	H043	"				09	1							LAND SAMPLE RIVER BANK BELOW RT 13 BRDG,GREENVILLE
130	H044	"				09	1							LAND SAMPLE AT R.LEVEL ABOVE RT 13 BRDG,GREENVILLE

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O PHO	AIR TEM (C)	SURF. TEM (C)	P L T	A I R T	B R C	S P C	NOTES
130	H045		•				00 0							LAND SAMPLE S.BNK AT R.LVL ABV RT 55 BRDG,KINSTON
130	H046		•				09 1							LAND SAMPLE W.BNK ABV RT 74.75 BRDG,WILMINGTON
130	H047		•				09 1							LAND SAMPLE JUST ABV U.S.LOCK #1,BOLTON QUAD.
130	H048		•				09 1							RIVER BTTM, RIVER BED FROM RT.101 BRDG,BOLTON QUAD
130	H049		•				09 1							LAND SAMPLE R.BNK,ABV RT.378 BRDG,JOHNSONVILLE QUAD
130	H050		•				09 3							LAND SAMPLE R.LEVEL ABV RT.701 BRDG,YAUHANNAH QUAD.
130	H051		•				09 1							LAND SAMPLE R.LEVEL BELOW RT.17A BRDG,JAMESTOWN Q.
130	H052		•				09 1							LAKE BOTTOM,ABV RT 301 BRDG,OLD R.CHAN,LAKE MARION
130	H053		•				09 1							LAND SAMPLE R.LEVEL .25MI S OF RT 301 BRIDGE
130	H054		•				09 1							LAND SAMPLE S.BNK BELOW RT119 BRDG,RCNTLY FLDD BRFC
130	H055		•				00 0							RIVER BTTM, FROM RT.119 BRIDGE,COMPOSITE OF 2 DROPS
130	H056		•				00 0							LAND SAMPLE KINGS FERRY PARK,RT 17 BRIDGE
130	H057		•				09 1							LAND SAMPLE BAR ABOVE RT 301 BRIDGE N OF JESSUP,GA.
130	H058		•				09 1							RIVER BTTM, FROM RT 252 BRIDGE
130	H059		•				00 0							LAND SAMPLE ABOVE RT 252 BRIDGE
130	H060		•				09 1							LAND SAMPLE RIVER BANK RT 301 BRDG S OF FOLKSTON,GA
130	H061		•				09 1							RIVER BTTM, FRM RT 16 BRDG E OF GREEN COVE SPRINGS
130	H062		•				00 0							LAND SAMPLE,DUNE,TURNPIKE ACCESS S. OF VERO BEACH
130	H063		•				00 0							LAND SAMPLE,N.E. END GLOUCESTER HARBOR
130	H064		•				00 0							LAND SAMPLE
130	H065		•				00 0							LAND SAMPLE
130	H066		•				00 0							LAND SAMPLE,BEAR NECK,ROCKPORT,MASS
130	H077		•				00 0							LAND SAMPLE,GRANITE QUARRY,PIGEON COVE
130	H088		•				00 0							LAND SAMPLE,MARSH AT ESSEX,RT 133
130	H089		•				00 0							LAND SAMPLE,CRANE BEACH,EXTENSIVE DUNES
130	H090		•				00 0							LAND SAMPLE,SMALL OUTCROP IN ROAD CUT NEAR ROWLEY
130	H091		•				00 0							LAND SAMPLE,BEACH
130	H092		•				00 0							LAND SAMPLE,BEACH
130	H093		•				00 0							LAND SAMPLE,GRAVEL ERODING FROM TILL
130	H094		•				00 0							LAND SAMPLE,BEACH GRAVELS AND SAND
130	H095		•				00 0							LAND SAMPLE,ROAD OUTCROPS
130	H096		•				00 0							LAND SAMPLE
130	H097		•				00 0							LAND SAMPLE
130	H098		•				00 0							LAND SAMPLE,SAND PIT
130	H099		•				00 0							LAND SAMPLE
130	H100		•				00 0							LAND SAMPLE,ANDROSCOGGIN RIVER
130	H101		•				00 0							LAND SAMPLE,GRAVEL
130	H102		•				00 0							LAND SAMPLE,TAKEN AT BRIDGE, MUSSEL BEACH
130	H103		•				00 0							LAND SAMPLE,KENNEBECK RIVER STREAM GRAVELS
130	H104		•				00 0							LAND SAMPLE,ROAD OUTCROPS
130	H105		•				00 0							LAND SAMPLE,SHEEPSCOT RIVER GRAVELS
130	H106		•				00 0							LAND SAMPLE,BOOTHBAY SCHISTS
130	H107		•				00 0							LAND SAMPLE,ROADCUT,U.S.HIGHWAY 1
130	H108		•				00 0							LAND SAMPLE,LIMESTONE QUARRY,THOMASTON PIT
130	H109		•				00 0							LAND SAMPLE,SPRUCE HEAD GRAVELS AND GRANITIC ROCK
130	H110		•				00 0							LAND SAMPLE,PENOBSCOT BAY GRAVELS
130	H111		•				00 0							LAND SAMPLE,BELFAST BEACH GRAVELS
130	H112		•				00 0							LAND SAMPLE,ROADCUT,JUST BEFORE BUCKSPORT
130	H113		•				00 0							LAND SAMPLE,GRANITIC OUTWASH
130	H114		•				00 0							LAND SAMPLE,REPRESENTATIVE OF N.E.SECTION OF ISLAND
130	H115		•				00 0							LAND SAMPLE,TYPICAL OF SUMMIT,CADILLAC MT.
130	H116		•				00 0							LAND SAMPLE,SEAWALL ROCK
130	H117		•				00 0							LAND SAMPLE,FROM AREA OF BRIDGE LEAVING ARCADIA
130	H118		•				00 0							LAND SAMPLE,ROAD CUT
130	H119		•				00 0							LAND SAMPLE,BEACH
130	H120		•				00 0							LAND SAMPLE,GRAVEL PIT
130	H121		•				00 0							LAND SAMPLE,EAST MACHIAS BEACH
130	H122		•				00 0							LAND SAMPLE,BETWEEN EAST MACHIAS AND CUTLER
130	H123		•				00 0							LAND SAMPLE,BETWEEN CUTLER AND W.LUBEC
130	H124		•				00 0							LAND SAMPLE,BEACH,BEDROCK PYROXENITE
130	H125		•				00 0							LAND SAMPLE,ACROSS ROAD FROM EAST STREAM
130	H126		•				00 0							LAND SAMPLE
130	H127		•				00 0							LAND SAMPLE,GENTLE DIP TO NORTHEAST
130	H128		•				00 0							LAND SAMPLE,ROAD CUT JUST N OAK BAY
130	H129		•				00 0							LAND SAMPLE,SHORES OF ST.ANDREWS
130	H130		•				00 0							LAND SAMPLE,NORTH SIDE OF ST.ANDREWS
130	H131		•				00 0							LAND SAMPLE,W.END OF MACES BAY
130	H132		•				00 0							LAND SAMPLE,TIP OF PT. LEPREAU
130	H133		•				00 0							LAND SAMPLE,MACES COVE
130	H134		•				00 0							LAND SAMPLE,BETWEEN MACES BAY AND LEPREAU
130	H135		•				00 0							LAND SAMPLE,7 MI. N. OF ST.ANDREWS
130	H136		•				00 0							LAND SAMPLE,AS IN H127
130	H137		•				00 0							LAND SAMPLE,ROADCUT
130	H138		•				00 0							LAND SAMPLE,JUST PAST PERRY
130	H139		•				00 0							LAND SAMPLE,ROUTE 182 AT HANCOCK COUNTY LINE
130	H140		•				00 0							LAND SAMPLE,FALLS AT BANGOR,PENOBSCOT RIVER GRAVELS
130	H141		•				00 0							LAND SAMPLE,ROAD OUTCROP JUST W. OF BANGOR
130	H142		•				00 0							LAND SAMPLE,GRAVEL PIT
130	H143		•				00 0							LAND SAMPLE,GRAVEL PIT
130	H144		•				00 0							LAND SAMPLE,FROM MERRIMACK RIVER
130	H145		•				00 0							LAND SAMPLE,DEEP BOTTOM,150FT S OF E-W ROAD
130	H146		•				00 0							LAND SAMPLE,QUAMPACHE BOTTOM,150FT S OF E-W ROAD
130	H147	A	•				09 3							LAND SAMPLE,H.ROGERS PIT, NR N END OF W WALL
130	H147	B	•				09 3							LAND SAMPLE,H.ROGERS PIT, NR N END OF W WALL
130	H147	C	•				09 3							LAND SAMPLE,H.ROGERS PIT, NR N END OF W WALL
130	H147	D	•				09 3							LAND SAMPLE,H.ROGERS PIT, NR N END OF W WALL
130	H148		•				09 2							LAND SAMPLE,MIDDLE ROAD PIT, 2FT INTRVL OVR WHT CL
130	H149		•				09 5							LAND SAMPLE,SOUTH SHORE,S OF HUMMOCK POND
130	H150		•				09 4							LAND SAMPLE,SANKATY HEAD,200FT SE OF LIGHTHOUSE
130	H151		•				00 0							LAND SAMPLE,1MI N JCT RT 2+8 END WOODSTOCK BYPASS

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	H OF PHO	P NO. AIR TEM (C)	SURF. TEM (C)	B T	L K	P R C	A P C	S T R	NOTES
130	H152	"				00	0							LAND SAMPLE,1MI N JCT RT 2+6 END WOODSTOCK BYPASS
130	H153	"				00	0							LAND SAMPLE,1MI N JCT RT 2+8 END WOODSTOCK BYPASS
130	H154	"				00	0							LAND SAMPLE,ALMA R. DELTA
130	H155	"				00	0							LAND SAMPLE,1MI S OF GLENHOLM,200YDS S OF ESSO STA
130	H156	"				00	0							LAND SAMPLE,EOCENE CLAY,THIRD CLIFF
130	H157	"				00	0							LAND SAMPLE,WHITE SPUR,BAY HEAD CLIFFS,MARTHAS VNYD
130	H158	"				00	0							LAND SAMPLE,W.BANK,SOUTH OF POWER LINE CROSSING
130	L001	2.5Y 8/2				09	1							ZEIGLER BEACH PROFILE = 2433 SAMPLE = 3
130	L002	2.5Y8/2				09	1							ZEIGLER BEACH PROFILE = 2437 SAMPLE = 6
130	L003	"				09	1						0	ZEIGLER BEACH PROFILE = 2438 SAMPLE = 11
130	L004	"				09	1						0	ZEIGLER BEACH PROFILE = 2442 SAMPLE = "
130	L005	2.5Y 8/2				09	1							ZEIGLER BEACH PROFILE = 2445 SAMPLE = 16
130	L006	2.5Y 8/2				09	1							ZEIGLER BEACH PROFILE = 2451 SAMPLE = 21
130	L007	"				09	1							ZEIGLER BEACH PROFILE = 2458 SAMPLE = "
130	L008	"				09	1							ZEIGLER BEACH PROFILE = 2505 SAMPLE = "
130	L009	"				09	1							ZEIGLER BEACH PROFILE = 2515 SAMPLE = "
130	L010	5Y 7/2				09	1							ZEIGLER BEACH PROFILE = 2543 SAMPLE = 28
130	L011	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2550 SAMPLE = 32
130	L012	10YR5/4				09	1							ZEIGLER BEACH PROFILE = 2559 SAMPLE = 36
130	L013	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2610 SAMPLE = 41
130	L014	2.5Y 7/4				09	1							ZEIGLER BEACH PROFILE = 2620 SAMPLE = 46
130	L015	2.5Y 7/4				09	1							ZEIGLER BEACH PROFILE = 2621 SAMPLE = 50
130	L016	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2631 SAMPLE = 56
130	L017	10YR5/4				09	1							ZEIGLER BEACH PROFILE = 2639 SAMPLE = 62
130	L018	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2654 SAMPLE = 69
130	L019	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 2704 SAMPLE = 78
130	L020	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2714 SAMPLE = 84
130	L021	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 2725 SAMPLE = 89
130	L022	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 2733 SAMPLE = 98
130	L023	10YR6/2				09	1							ZEIGLER BEACH PROFILE = 2744 SAMPLE = 110
130	L024	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 2754 SAMPLE = 116
130	L025	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 2804 SAMPLE = 124
130	L026	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 2812 SAMPLE = 129
130	L027	5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 2822 SAMPLE = 139
130	L028	2.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 2837 SAMPLE = 146
130	L029	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2851 SAMPLE = 157
130	L030	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 2901 SAMPLE = 166
130	L031	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 2910 SAMPLE = 176
130	L032	10YR6/4				09	1							ZEIGLER BEACH PROFILE = 2919 SAMPLE = 186
130	L033	10YR5/6				09	1							ZEIGLER BEACH PROFILE = 2929 SAMPLE = 194
130	L034	10YR6/6				09	1							ZEIGLER BEACH PROFILE = 2939 SAMPLE = 199
130	L035	5Y 7/2				09	1							ZEIGLER BEACH PROFILE = 2950 SAMPLE = 207
130	L036	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3000 SAMPLE = 217
130	L037	2.5Y 7/2				09	1							ZEIGLER BEACH PROFILE = 3010 SAMPLE = 227
130	L038	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3020 SAMPLE = 238
130	L039	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3032 SAMPLE = 253
130	L040	"				09	1						0	ZEIGLER BEACH PROFILE = 3040 SAMPLE = "
130	L041	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3103 SAMPLE = 262
130	L042	7.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3111 SAMPLE = 269
130	L043	5Y 5/2				00	0							ZEIGLER BEACH PROFILE = 3123 SAMPLE = 793
130	L044	5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3141 SAMPLE = 728
130	L045	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3200 SAMPLE = 275
130	L046	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3208 SAMPLE = 283
130	L047	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3222 SAMPLE = 298
130	L048	2.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3230 SAMPLE = 304
130	L049	7.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3234 SAMPLE = 734
130	L050	5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3240 SAMPLE = 312
130	L051	7.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3248 SAMPLE = 322
130	L052	5Y 5/4				09	1							ZEIGLER BEACH PROFILE = 3300 SAMPLE = 747
130	L053	5Y 5/4				09	1							ZEIGLER BEACH PROFILE = 3307 SAMPLE = 752
130	L054	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3313 SAMPLE = 741
130	L055	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3324 SAMPLE = 358
130	L056	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3325 SAMPLE = 336
130	L057	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3336 SAMPLE = 364
130	L058	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3344 SAMPLE = 372
130	L059	7.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3349 SAMPLE = 384
130	L060	7.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3352 SAMPLE = 390
130	L061	7.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3354 SAMPLE = 397
130	L062	7.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3355 SAMPLE = 404
130	L063	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3402 SAMPLE = 417
130	L064	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3412 SAMPLE = 426
130	L065	10YR5/8				09	1							ZEIGLER BEACH PROFILE = 3423 SAMPLE = 432
130	L066	2.5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3429 SAMPLE = 438
130	L067	5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3440 SAMPLE = 451
130	L068	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3442 SAMPLE = 464
130	L069	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3438 SAMPLE = 760
130	L070	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3452 SAMPLE = 768
130	L071	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3506 SAMPLE = 473
130	L072	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3510 SAMPLE = 483
130	L073	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3513 SAMPLE = 489
130	L074	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3514 SAMPLE = 495
130	L075	2.5Y 5/2				09	1							ZEIGLER BEACH PROFILE = 3515 SAMPLE = 503
130	L076	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3525 SAMPLE = 512
130	L077	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3535 SAMPLE = 520
130	L078	5Y 6/2				09	1							ZEIGLER BEACH PROFILE = 3544 SAMPLE = 529
130	L079	5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3555 SAMPLE = 537
130	L080	2.5Y 5/6				09	1							ZEIGLER BEACH PROFILE = 3604 SAMPLE = 543
130	L081	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3614 SAMPLE = 549
130	L082	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3643 SAMPLE = 796
130	L083	2.5Y 6/4				09	1							ZEIGLER BEACH PROFILE = 3654 SAMPLE = 804

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P HO 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	F R K	A L C	B R C	S T R	NOTES
130	L084	5Y 5/2				09	1								ZEIGLER BEACH PROFILE • 3707 SAMPLE • 775
130	L085	5Y 3/2				09	1								ZEIGLER BEACH PROFILE • 3728 SAMPLE • 782
130	L086	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 3783 SAMPLE • 812
130	L087	"				09	1							0	ZEIGLER BEACH PROFILE • 3822 SAMPLE • 887
130	L088	2.5Y 7/4				09	1								ZEIGLER BEACH PROFILE • 3838 SAMPLE • 863
130	L089	2.5Y 7/2				09	1								ZEIGLER BEACH PROFILE • 3840 SAMPLE • 573
130	L090	2.5Y 8/2				09	1								ZEIGLER BEACH PROFILE • 3888 SAMPLE • 609
130	L091	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 3900 SAMPLE • 602
130	L092	5Y 5/2				09	1								ZEIGLER BEACH PROFILE • 3908 SAMPLE • 614
130	L093	2.5Y 6/2				09	1								ZEIGLER BEACH PROFILE • 3916 SAMPLE • 621
130	L094	2.5Y 5/2				09	1								ZEIGLER BEACH PROFILE • 3921 SAMPLE • 628
130	L095	2.5Y 7/2				09	1								ZEIGLER BEACH PROFILE • 3933 SAMPLE • 633
130	L096	2.5Y 7/2				00	0								ZEIGLER BEACH PROFILE • 3941 SAMPLE • 639
130	L097	2.5Y 7/2				00	0								ZEIGLER BEACH PROFILE • 3951 SAMPLE • 646
130	L098	2.5Y 7/2				00	0								ZEIGLER BEACH PROFILE • 4001 SAMPLE • 651
130	L099	2.5Y 7/4				00	0								ZEIGLER BEACH PROFILE • 4010 SAMPLE • 656
130	L100	5Y 8/2				00	0								ZEIGLER BEACH PROFILE • 4026 SAMPLE • 662
130	L101	5Y 6/2				09	1								ZEIGLER BEACH PROFILE • 4034 SAMPLE • 668
130	L102	5Y 7/2				09	1								ZEIGLER BEACH PROFILE • 4036 SAMPLE • 673
130	L103	2.5Y 7/2				09	1								ZEIGLER BEACH PROFILE • 4037 SAMPLE • 680
130	L104	2.5Y 6/2				09	1								ZEIGLER BEACH PROFILE • 4038 SAMPLE • 789
130	L105	2.5Y 8/2				09	1								ZEIGLER BEACH PROFILE • 4044 SAMPLE • 686
130	L106	2.5Y 8/4				09	1								ZEIGLER BEACH PROFILE • 4047 SAMPLE • 693
130	L107	2.5Y 8/4				09	1								ZEIGLER BEACH PROFILE • 4050 SAMPLE • 701
130	L108	2.5Y 7/4				09	1								ZEIGLER BEACH PROFILE • 4054 SAMPLE • 708
130	L109	10YR7/4				09	1								ZEIGLER BEACH PROFILE • 4058 SAMPLE • 715
130	L110	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 4103 SAMPLE • 720
130	L111	10YR5/6				09	1								ZEIGLER BEACH PROFILE • 4119 SAMPLE • 580
130	L112	10YR6/4				09	1								ZEIGLER BEACH PROFILE • 4122 SAMPLE • 585
130	L113	5Y 4/2				09	1								ZEIGLER BEACH PROFILE • 4129 SAMPLE • 591
130	L114	5Y 5/4				09	1								ZEIGLER BEACH PROFILE • 4130 SAMPLE • 599
130	L115	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 4151 SAMPLE • 826
130	L116	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 4155 SAMPLE • 831
130	L117	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 4156 SAMPLE • 864
130	L118	2.5Y 6/4				09	1								ZEIGLER BEACH PROFILE • 4203 SAMPLE • 838
130	L119	2.5Y 7/4				09	1								ZEIGLER BEACH PROFILE • 4204 SAMPLE • 851
130	L120	"				00	0								BEACH SAND
130	L121	"				00	0								BEACH SAND
130	L122	"				00	0								BEACH SAND
130	L123	"				00	0								BEACH SAND
130	L124	"				00	0								BEACH SAND
130	L125	"				00	0								BEACH SAND
130	L126	"				00	0								BEACH SAND
130	L127	"				00	0								BEACH SAND
130	L128	"				00	0								BEACH SAND
130	L129	"				00	0								BEACH SAND
130	L130	"				00	0								BEACH SAND
130	L131	"				09	1								ZEIGLER BEACH PROFILE • 4217 SAMPLE • 979
130	L132	"				09	1								ZEIGLER BEACH PROFILE • 4227 SAMPLE • 910
130	L133	"				09	1								ZEIGLER BEACH PROFILE • 4237 SAMPLE • 928
130	L134	"				09	1								ZEIGLER BEACH PROFILE • 4247 SAMPLE • 938
130	L135	"				09	1								ZEIGLER BEACH PROFILE • 4256 SAMPLE • 955
130	L136	"				09	1								ZEIGLER BEACH PROFILE • 4316 SAMPLE • 969
130	L137	"				09	1								ZEIGLER BEACH PROFILE • 4326 SAMPLE • 974
130	L138	"				09	1								ZEIGLER BEACH PROFILE • 4331 SAMPLE • 991
130	L139	"				09	1								ZEIGLER BEACH PROFILE • 4346 SAMPLE • 897
130	L140	"				09	1								ZEIGLER BEACH PROFILE • 4420 SAMPLE • 893
130	L141	"				09	1								ZEIGLER BEACH PROFILE • 4437 SAMPLE • 881
130	L142	"				09	1								ZEIGLER BEACH PROFILE • 4446 SAMPLE • 876
130	L143	"				09	1								BEACH SAND
130	L144	"				09	1								BEACH SAND
130	L145	"				09	1								BEACH SAND
130	L146	"				09	1								BEACH SAND
130	L147	"				09	1								BEACH SAND
130	L148	"				09	1								BEACH SAND
130	L149	"				09	1								BEACH SAND
130	L150	"				09	1								BEACH SAND
130	L151	"				09	1								BEACH SAND
130	L152	"				09	1								BEACH SAND
130	M001A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 2.8
130	M002B	"				0	0			1	0	0	0		BOTTOM TEMP 2.7
130	M003A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.0
130	M005A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 4.7
130	M006A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.0
130	M007A	"				0	0			1	0	0	0		BOTTOM TEMP 4.4
130	M008A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M009A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M010A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M011A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M012A	"				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M013A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.2
130	M014B	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M016A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.8
130	M017A	"				0	0			1	0	0	0	0	BOTTOM TEMP 5.0
130	M019A	"				0	0			1	0	0	0	0	BOTTOM TEMP 6.1
130	M019B	5Y 3/2				0	0			0	0	0	0		"
130	M020A	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M021B	10YR3/2				0	0			0	0	0	0		"
130	M022A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 4.6
130	M023A	"				0	0			1	0	0	0		BOTTOM TEMP 5.0

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O PHO	NO. OF	AIR TEM (C)	SURF. TEM (C)	B T	L K	A C	S P C	S T R	NOTES
130	M024A	2.5Y 4/2				0	0			1	0	0	0		BOTTOM TEMP 5.0
130	M024B	2.5Y 3/2				0	0			0	0	0	0		"
130	M025A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 4.9
130	M026A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M027A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 4.2
130	M028A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.4
130	M029A	"				0	0			0	0	0	0		"
130	M030A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.7
130	M031A	"				0	0			1	0	0	0		BOTTOM TEMP 3.9
130	M031B	10YR3/2				0	0			0	0	0	0		"
130	M032A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 2.7
130	M033A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 2.1
130	M034B	10YR3/2				0	0			0	0	0	0		"
130	M035A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.1
130	M036A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 3.0
130	M037A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.1
130	M038A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.2
130	M039A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.5
130	M040A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.8
130	M041A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M042A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 5.1
130	M043A	2.5Y 4/2				0	0			1	0	0	0		BOTTOM TEMP 3.9
130	M044A	"				0	0			1	0	0	0		BOTTOM TEMP 6.7
130	M045A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.8
130	M046A	"				0	0			1	0	0	0		BOTTOM TEMP 6.7
130	M047A	2.5Y 4/2				0	0			1	0	0	0		BOTTOM TEMP 5.5
130	M048A	"				0	0			1	0	0	0		BOTTOM TEMP 5.7
130	M049A	2.5Y 5/4				0	0			1	0	0	0		BOTTOM TEMP 6.0
130	M050A	"				0	0			1	0	0	0		BOTTOM TEMP 5.1
130	M051C	2.5Y 3/2				0	0			0	0	0	0		"
130	M052B	2.5Y 3/2				0	0			0	0	0	0		"
130	M053A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.4
130	M054A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M055A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M056A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M057A	"				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M058A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 3.9
130	M059A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 3.9
130	M060A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 3.8
130	M061A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.1
130	M062A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.7
130	M063A	"				0	0			1	0	0	0		BOTTOM TEMP 4.5
130	M064A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 2.4
130	M065A	"				0	0			1	0	0	0		BOTTOM TEMP 2.5
130	M066A	7.5YR3/2				0	0			1	0	0	0		BOTTOM TEMP 3.6
130	M067A	"				0	0			1	0	0	0		BOTTOM TEMP 3.9
130	M068A	7.5YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.4
130	M069A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 6.2
130	M070A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.5
130	M071A	"				0	0			1	0	0	0		BOTTOM TEMP 6.7
130	M072A	"				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M073A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.5
130	M074A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M075A	2.5Y 4/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M076A	"				0	0			1	0	0	0		BOTTOM TEMP 5.1
130	M077A	"				0	0			1	0	0	0	0	BOTTOM TEMP 5.3
130	M078A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M079A	5Y 5/4				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M080B	"				0	0			1	0	0	0	0	BOTTOM TEMP 5.6
130	M081A	"				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M082A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M083A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M084A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 5.0
130	M085A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M086A	"				0	0			1	0	0	0		BOTTOM TEMP 6.2
130	M087A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.0
130	M088A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 3.5
130	M089A	10YR4/2				0	0			1	0	0	0		BOTTOM TEMP 4.8
130	M090A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.1
130	M091A	"				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M092A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M093A	"				0	0			1	0	0	0		BOTTOM TEMP 6.4
130	M094A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M095A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M096A	7.5YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M097A	10YR6/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M098A	"				0	0			1	0	0	0	0	BOTTOM TEMP 5.7
130	M099A	"				0	0			1	0	0	0		BOTTOM TEMP 5.3
130	M099C	10YR3/2				0	0			1	0	0	0		"
130	M100B	2.5Y 3/2				0	0			1	0	0	0		"
130	M101A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M102A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.7
130	M103A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.1
130	M104A	7.5YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M105A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 6.3
130	M106A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M107A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.6
130	M108A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 6.7
130	M109A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M110A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.5

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	W HT @	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	M111A	10YR3/2				0	0			1	0	0	0		BOTTOM TEMP 4.4
130	M112A	"				0	0			1	0	0	0		BOTTOM TEMP 4.9
130	M113A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 5.6
130	M114A	"				0	0			1	0	0	0		BOTTOM TEMP 4.4
130	M115A	2.5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 4.6
130	M116A	"				0	0			1	0	0	0	0	BOTTOM TEMP 4.2
130	M117A	"				0	0			1	0	0	0	0	BOTTOM TEMP 4.4
130	M118A	10YR3/2				0	0			1	0	0	0		"
130	M119A	10YR3/2				0	0			1	0	0	0		"
130	M120A	"				0	0			1	0	0	0		"
130	M121A	10YR3/2				0	0			1	0	0	0		"
130	N002A	"				0	0			0	0	0	0		"
130	N003A	7.5Y 5/2				0	0			0	0	0	0		"
130	N004A	"				0	0			0	0	0	0		"
130	N005A	5Y 3/2				0	0			0	0	0	0		"
130	N006A	"				0	0			0	0	0	0		"
130	N007A	5Y 3/4				0	0			0	0	0	0		"
130	N008A	5Y 3/4				0	0			0	0	0	0		"
130	N009A	5Y 3/4				0	0			0	0	0	0		"
130	N010A	5Y 3/2				0	0			0	0	0	0		"
130	N011A	5Y 3/4				0	0			0	0	0	0		"
130	N012A	5Y 3/4				0	0			0	0	0	0		"
130	N013A	5Y 4/4				0	0			0	0	0	0		"
130	N014A	5Y 5/2				0	0			0	0	0	0		"
130	N015A	5Y 5/2				0	0			0	0	0	0		"
130	N016A	5Y 4/4				0	0			0	0	0	0		"
130	N017A	"				0	0			0	0	0	0		"
130	N018A	5Y 3/4				0	0			0	0	0	0		"
130	N019A	"				0	0			0	0	0	0		"
130	N020A	7.5Y 3/4				0	0			0	0	0	0		"
130	N021A	7.5Y 3/4				0	0			0	0	0	0		"
130	N022A	7.5Y 3/2				0	0			0	0	0	0		"
130	N023A	7.5Y 3/2				0	0			0	0	0	0		"
130	N024A	7.5Y 3/2				0	0			0	0	0	0		"
130	N025A	7.5Y 3/2				0	0			0	0	0	0		"
130	N026A	7.5Y 3/2				0	0			0	0	0	0		"
130	N027A	7.5Y 4/2				0	0			0	0	0	0		"
130	N028A	7.5Y 4/4				0	0			0	0	0	0		"
130	N029A	7.5Y 5/4				0	0			0	0	0	0		"
130	N030A	"				0	0			0	0	0	0		"
130	N031A	7.5Y 3/2				0	0			0	0	0	0		"
130	N032A	"				0	0			0	0	0	0		"
130	N033A	7.5Y 3/2				0	0			0	0	0	0		"
130	N034A	"				0	0			0	0	0	0		"
130	N035A	7.5Y 3/2				0	0			0	0	0	0		"
130	N036A	"				0	0			0	0	0	0		"
130	N037A	7.5Y 3/2				0	0			0	0	0	0		"
130	N038A	7.5Y 3/2				0	0			0	0	0	0		"
130	N039A	7.5Y 3/2				0	0			0	0	0	0		"
130	N040A	7.5Y 3/2				0	0			0	0	0	0		"
130	N041A	7.5Y 3/2				0	0			0	0	0	0		"
130	N042A	7.5Y 3/2				0	0			0	0	0	0		"
130	N043A	7.5Y 3/2				0	0			0	0	0	0		"
130	N044A	10YR5/6				0	0			0	0	0	0		"
130	N045A	10YR5/6				0	0			0	0	0	0		"
130	N046A	"				0	0			0	0	0	0		"
130	N047A	7.5Y 3/2				0	0			0	0	0	0		"
130	N048A	"				0	0			0	0	0	0		"
130	N049A	7.5Y 3/2				0	0			0	0	0	0		"
130	N050A	"				0	0			0	0	0	0		"
130	N051A	7.5Y 3/2				0	0			0	0	0	0		"
130	N052A	"				0	0			0	0	0	0		"
130	N053A	7.5Y 3/4				0	0			0	0	0	0		"
130	N054A	7.5Y 3/2				0	0			0	0	0	0		"
130	N055A	7.5Y 3/2				0	0			0	0	0	0		"
130	N056A	7.5Y 3/2				0	0			0	0	0	0		"
130	N057A	7.5Y 3/2				0	0			0	0	0	0		"
130	N058A	7.5Y 3/2				0	0			0	0	0	0		"
130	N059A	7.5Y 3/2				0	0			0	0	0	0		"
130	N060A	7.5Y 3/2				0	0			0	0	0	0		"
130	N061	7.5Y 3/2				0	0			0	0	0	0		"
130	N062	10YR5/6				0	0			0	0	0	0		"
130	N063	2.5YR5/6				0	0			0	0	0	0		"
130	N064A	5Y 4/4				0	0			0	0	0	0		"
130	N065A	5Y 3/2				0	0			0	0	0	0		"
130	N066A	2.5Y 4/4				0	0			0	0	0	0		"
130	N067A	2.5Y 4/4				0	0			0	0	0	0		"
130	N103	2.5Y 6/6				0	0			0	0	0	0		"
130	N106	2.5Y 3/2				0	0			0	0	0	0		"
130	N110	2.5Y 3/2				0	0			0	0	0	0		"
130	N128	"				0	0			0	0	0	0		"
130	N130	5Y 6/2				0	0			1	0	0	0		BOTTOM TEMP 10.3
130	N133	5Y 6/2				0	0			0	0	0	0		"
130	N140	"				0	0			0	0	0	0		STRONG CURRENT
130	N145	5Y 4/4				0	0			0	0	0	0		"
130	N148	5Y 3/2				0	0			1	0	0	0		BOTTOM TEMP 9.3
130	N151	5Y 4/4				0	0			0	0	0	0		"
130	N153	2.5Y 6/4				0	0			0	0	0	0		"
130	N164	2.5Y 4/4				0	0			0	0	0	0		"
130	P001	7.5Y 3/2				7	1			0	0	0	0		PRATT FIELD = VV 20

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L	A R	S P	S T R	NOTES
130	P002	7.5Y 3/2				7 1			0	0	0	0		PRATT FIELD • VV 21
130	P003	7.5Y 3/2				0 0			0	0	0	0		PRATT FIELD • VV 22
130	P004	7.5Y 4/4				0 0			0	0	0	0		PRATT FIELD • VV 23
130	P005	7.5Y 3/4				0 0			0	0	0	0		PRATT FIELD • VV 24
130	P006	7.5Y 4/4				0 0			0	0	0	0		PRATT FIELD • VV 25
130	P007	7.5Y 3/4				0 0			0	0	0	0		PRATT FIELD • VV 26
130	P008	7.5Y 4/4				0 0			0	0	0	0		PRATT FIELD • VV 27
130	P009	7.5Y 4/4				0 0			0	0	0	0		PRATT FIELD • VV 28
130	P010	•				0 0			0	0	0	0		PRATT FIELD • VV 29
130	P011	7.5Y 3/4				7 1			0	0	0	0		PRATT FIELD • VV 30
130	P012	7.5Y 4/2				7 1			0	0	0	0		PRATT FIELD • VV 31
130	P013	7.5Y 4/2				0 0			0	0	0	0		PRATT FIELD • VV 32
130	P014	•				0 0			0	0	0	0		PRATT FIELD • VV 33
130	P015	7.5Y 4/2				0 0			0	0	0	0		PRATT FIELD • VV 34
130	P016	7.5Y 5/2				0 0			0	0	0	0		PRATT FIELD • VV 35
130	P017	•				0 0			0	0	0	0		PRATT FIELD • VV 36
130	P018	7.5Y 5/2				0 0			0	0	0	0		PRATT FIELD • VV 37
130	P019	7.5Y 6/2				0 0			0	0	0	0		PRATT FIELD • VV 38
130	P020	•				0 0			0	0	0	0		PRATT FIELD • VV 39
130	P021	•				0 0			0	0	0	0		PRATT FIELD • VV 40
130	P022	•				0 0			0	0	0	0		PRATT FIELD • VV 41
130	S002	2.5Y 3/2				0 0		19.4	1	0	0	0		BOTTOM TEMP 5.0
130	S003	2.5Y 4/2				0 0		19.7	1	0	0	0		BOTTOM TEMP 6.2
130	S005	2.5Y 4/2				0 0		19.9	1	0	0	0		BOTTOM TEMP 6.7
130	S007	2.5Y 3/2				0 0		19.9	1	0	0	0		BOTTOM TEMP 6.1
130	S009	5Y 3/2				0 0		18.9	1	0	0	0		BOTTOM TEMP 4.4
130	S012	5Y 3/2				0 0		18.6	1	0	0	0		BOTTOM TEMP 4.8
130	S014	5Y 3/2				0 0		15.5	1	0	0	0		BOTTOM TEMP 4.9
130	S017	5Y 3/2				0 0		14.2	1	0	0	0		BOTTOM TEMP 5.5
130	S021	2.5Y 6/4				0 0		13.9	1	0	0	0		BOTTOM TEMP 13.9
130	S024	•				0 0		16.9	1	0	0	0		BOTTOM TEMP 4.9
130	S026	5Y 3/2				0 0		17.9	1	0	0	0		BOTTOM TEMP 5.6
130	S028	5Y 3/2				0 0		18.1	1	0	0	0		BOTTOM TEMP 5.6
130	S030	5Y 3/2				0 0		17.2	1	0	0	0		BOTTOM TEMP 5.6
130	S032	7.5Y 3/2				0 0		17.6	1	0	0	0		BOTTOM TEMP 5.6
130	S034	7.5Y 3/2				0 0		17.5	1	0	0	0		BOTTOM TEMP 5.7
130	S036	7.5Y 3/2				0 0		14.2	1	0	0	0		BOTTOM TEMP 5.7
130	S041	5Y 3/2				0 0		15.2	1	0	0	0		BOTTOM TEMP 6.0
130	S057	5Y 5/2				0 0		8.7	1	0	0	0		BOTTOM TEMP 5.5
130	S059	5Y 5/4				0 0		10.5	1	0	0	0		BOTTOM TEMP 7.2
130	S061	5Y 4/4				0 0		13.7	1	0	0	0		BOTTOM TEMP 6.1
130	S072	5Y 3/2				0 0		13.2	1	0	0	0		BOTTOM TEMP 4.0
130	S074	7.5Y 3/2				0 0		20.6	1	0	0	0		BOTTOM TEMP 4.1
130	S078	2.5Y 4/4				0 0		19.2	1	0	0	0		BOTTOM TEMP 4.4
130	S080	2.5Y 4/4				0 0		18.4	1	0	0	0		BOTTOM TEMP 6.1
130	S083	•				0 0		18.2	1	0	0	0		BOTTOM TEMP 5.5
130	S085	2.5Y 6/4				0 0		14.4	1	0	0	0		BOTTOM TEMP 4.4
130	S088	•				0 0		12.8	1	0	0	0		BOTTOM TEMP 5.4
130	S094	2.5Y 5/4				0 0		9.0	1	0	0	0		BOTTOM TEMP 7.2
130	S096	•				0 0		10.2	1	0	0	0		BOTTOM TEMP 6.1
130	S100	2.5Y 4/4				0 0		13.5	1	0	0	0		BOTTOM TEMP 6.6
130	S102	5Y 3/2				0 0		14.0	1	0	0	0		BOTTOM TEMP 6.2
130	S106	•				0 0		13.8	1	0	0	0		BOTTOM TEMP 5.5
130	S110	5Y 3/2				0 0		16.1	1	0	0	0		BOTTOM TEMP 5.5
130	S112	5Y 3/2				0 0		16.9	1	0	0	0		BOTTOM TEMP 5.5
130	S114	5Y 3/2				0 0		16.3	1	0	0	0		BOTTOM TEMP 5.6
130	S116	•				0 0		16.8	1	0	0	0		BOTTOM TEMP 5.2
130	S118	•				0 0		16.8	1	0	0	0	0	BOTTOM TEMP 5.0
130	S121	2.5Y 3/2				0 0		16.8	1	0	0	0		BOTTOM TEMP 5.0
130	S122	2.5Y 3/2				0 0		14.9	1	0	0	0		BOTTOM TEMP 5.0
130	S124	2.5Y 3/2				0 0		16.8	1	0	0	0		BOTTOM TEMP 5.1
130	S125	2.5Y 3/2				0 0		16.2	1	0	0	0		BOTTOM TEMP 5.8
130	S128	•				0 0		17.9	1	0	0	0		BOTTOM TEMP 6.1
130	S130	2.5Y 4/2				0 0		18.4	1	0	0	0		BOTTOM TEMP 6.4
130	S136	5Y 3/2				0 0		18.6	1	0	0	0		BOTTOM TEMP 5.6
130	S139	•				0 0		17.4	1	0	0	0		BOTTOM TEMP 5.0
130	S142	2.5Y 4/2				0 0		18.1	1	0	0	0		BOTTOM TEMP 6.1
130	S144	2.5Y 4/2				0 0		18.7	1	0	0	0		BOTTOM TEMP 6.1
130	S146	•				0 0		18.6	1	0	0	0	0	BOTTOM TEMP 6.1
130	S148	2.5Y 3/2				0 0		18.5	1	0	0	0		BOTTOM TEMP 5.6
130	S150	•				0 0		18.5	1	0	0	0		BOTTOM TEMP 5.6
130	S151	5Y 3/2				0 0		18.1	1	0	0	0		BOTTOM TEMP 5.6
130	W001	5Y 6/4				0 0			1	0	0	0		•
130	W003	7.5Y 3/2				0 0			1	0	0	0		•
130	W005	5Y 4/2				0 0			1	0	0	0		•
130	W007	5Y 3/2				0 0			1	0	0	0		•
130	W009	5Y 3/2				0 0			1	0	0	0		•
130	W011	7.5Y 3/2				0 0			1	0	0	0		•
130	W013	5Y 2/2				0 0			1	0	0	0		•
130	W015	5Y 4/4				0 0			1	0	0	0		•
130	W017	2.5Y 3/2				0 0			1	0	0	0		•
130	W019	5Y 5/4				0 0			1	0	0	0		•
130	W020	5Y 5/4				0 0			1	0	0	0		•
130	W021	•				0 0			1	0	0	0		•
130	W023	•				0 0			1	0	0	0		•
130	W025	5Y 5/4				0 0			1	0	0	0		•
130	W027	10Y 4/4				0 0			1	0	0	0		•
130	W028	10Y 3/2				0 0			1	0	0	0		•
130	W029	7.5Y 3/2				0 0			1	0	0	0		•
130	W031	7.5Y 3/2				0 0			1	0	0	0		•

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	W033	7.5Y 3/4				0	0			1	0	0	0	-	
130	W034	-				0	0			1	0	0	0	-	
130	W036	7.5Y 3/4				0	0			1	0	0	0	-	
130	W038	-				0	0			1	0	0	0	-	
130	W039	10YR5/8				0	0			1	0	0	0	-	
130	W043	-				0	0			1	0	0	0	-	
130	W044	-				0	0			1	0	0	0	-	
130	W046	5Y 5/4				0	0			1	0	0	0	-	
130	W048	7.5Y 4/2				0	0			1	0	0	0	-	
130	W049	-				0	0			1	0	0	0	-	
130	W051	5Y 3/2				0	0			1	0	0	0	-	
130	W053	-				0	0			1	0	0	0	-	
130	W055	5Y 3/2				0	0			1	0	0	0	-	
130	W060	5Y 2/2				0	0			1	0	0	0	-	
130	W062	5Y 5/4				0	0			1	0	0	0	-	
130	W064	2.5Y 5/6				0	0			1	0	0	0	-	
130	W066	2.5Y 6/2				0	0			1	0	0	0	-	
130	W068	5Y 6/2				0	0			1	0	0	0	-	
130	W070	5Y 4/2				0	0			1	0	0	0	-	
130	W072	5Y 5/6				0	0			1	0	0	0	-	
130	W075	5Y 4/4				0	0			1	0	0	0	-	
130	W076	5Y 4/4				0	0			1	0	0	0	-	
130	W079	5Y 5/4				0	0			1	0	0	0	-	
130	W081	5Y 4/4				0	0			1	0	0	0	-	
130	W083	5Y 5/6				0	0			1	0	0	0	-	
130	W084	5Y 6/4				0	0			1	0	0	0	-	
130	W086	5Y 6/2				0	0			1	0	0	0	-	
130	W088	5Y 7/2				0	0			1	0	0	0	-	
130	W090	2.5Y 6/4				0	0			1	0	0	0	-	PEBBLE CAUGHT IN GRAB JAWS
130	W091	-				0	0			1	0	0	0	-	
130	W093	2.5Y 6/4				0	0			1	0	0	0	-	
130	W095	-				0	0			1	0	0	0	-	
130	W097	10Y 3/2				0	0			1	0	0	0	-	
130	W099	-				0	0			1	0	0	0	-	
130	W100	10YR3/2				0	0			1	0	0	0	-	
130	W101	5Y 3/2				0	0			1	0	0	0	-	
130	W102	5Y 3/2				0	0			1	0	0	0	-	
130	W103	5Y 4/4				0	0			1	0	0	0	-	
130	W105	-				0	0			1	0	0	0	-	
130	W107	5Y 4/4				0	0			1	0	0	0	-	
130	W110	2.5Y 6/4				0	0			1	0	0	0	-	
130	W111	5Y 5/4				0	0			1	0	0	0	-	
130	W112	2.5Y 4/4				0	0			1	0	0	0	-	
130	W114	2.5Y 6/4				0	0			1	0	0	0	-	
130	W116	5Y 3/2				0	0			1	0	0	0	-	
130	W118	5Y 3/2				0	0			1	0	0	0	-	
130	W120	-				0	0			1	0	0	0	-	
130	W122	-				0	0			1	0	0	0	-	
130	W124	2.5Y 4/4				0	0			1	0	0	0	-	
130	W127	2.5Y 5/4				0	0			1	0	0	0	-	
130	W129	2.5Y 5/4				0	0			1	0	0	0	-	
130	W131	2.5Y 5/4				0	0			1	0	0	0	-	
130	W133	5Y 5/4				0	0			1	0	0	0	-	
130	W135	5Y 4/4				0	0			1	0	0	0	-	
130	W136	-				0	0			1	0	0	0	-	
130	W138	2.5Y 5/4				0	0			1	0	0	0	-	
130	W140	P				0	0			1	0	0	0	-	
130	W144	-				0	0			1	0	0	0	-	
130	W146	2.5Y 5/4				0	0			1	0	0	0	-	
130	W148	-				0	0			1	0	0	0	-	
130	W150	2.5Y 4/4				0	0			1	0	0	0	-	
130	W152	-				0	0			1	0	0	0	-	
130	W154	2.5Y 6/6				0	0			1	0	0	0	-	
130	W157	-				0	0			1	0	0	0	-	
130	W159	2.5Y 6/4				0	0			1	0	0	0	-	
130	W161	2.5Y 6/2				0	0			1	0	0	0	-	
130	W163	5Y 6/4				0	0			1	0	0	0	-	
130	W165	5Y 5/4				0	0			1	0	0	0	-	
130	W167	2.5Y 6/4				0	0			1	0	0	0	-	
130	W169	5Y 6/4				0	0			1	0	0	0	-	
130	W170	5Y 5/6				0	0			1	0	0	0	-	
130	W172	7.5Y 5/6				0	0			1	0	0	0	-	
130	W174	7.5Y 5/4				0	0			1	0	0	0	-	
130	W176	7.5Y 4/4				0	0			1	0	0	0	-	
130	W178	-				0	0			1	0	0	0	-	
130	W180	2.5Y 5/6				0	0			1	0	0	0	-	
130	W181	10YR5/8				0	0			1	0	0	0	-	
130	W182	2.5Y 5/6				0	0			1	0	0	0	-	
130	W184	5Y 5/4				0	0			1	0	0	0	-	
130	W186	5Y 5/2				0	0			1	0	0	0	-	
130	W188	2.5Y 7/4				0	0			1	0	0	0	-	
130	W190	2.5Y 5/6				0	0			1	0	0	0	-	
130	W191	2.5Y 4/4				0	0			1	0	0	0	-	
130	W195	2.5Y 4/4				0	0			1	0	0	0	-	
130	W197	-				0	0			1	0	0	0	-	
130	W200	2.5Y 4/4				0	0			1	0	0	0	-	
130	W204	2.5Y 5/4				0	0			1	0	0	0	-	
130	W205	2.5Y 5/6				0	0			1	0	0	0	-	
130	W207	5Y 5/4				0	0			1	0	0	0	-	
130	W209	7.5Y 4/4				0	0			1	0	0	0	-	

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	W211	7.5Y 3/2				0	0			1	0	0	0	-	
130	W213	7.5Y 3/2				0	0			1	0	0	0	-	
130	W215	7.5Y 3/2				0	0			1	0	0	0	-	
130	W224	5Y 3/2				0	0			1	0	0	0	-	
130	W225	2.5Y 3/2				0	0			1	0	0	0	-	
130	W227	"				0	0			1	0	0	0	-	
130	W229	2.5Y 4/4				0	0			1	0	0	0	-	

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P M OF 0 PHO	NO. AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	1000		"				0 0			0	1	0	0		THIS STATION TAKEN AS PART OF EQUIPMENT TESTS
130	1001		7.5Y 3/2				0 0			0	0	0	0		"
130	1002		10Y 4/2				0 0			0	0	0	0		"
130	1003		7.5Y 4/4				0 0			0	0	0	0		"
130	1004		10Y 2/2				0 0			0	0	0	0		"
130	1005		10Y 2/2				0 0			0	0	0	0		"
130	1006		10Y 2/2				0 0			0	0	0	0		"
130	1007		7.5Y 3/2				1 6			0	0	0	0		"
130	1008		7.5Y 4/2				1 1			0	0	0	0		"
130	1009		5Y 5/4				1 1			0	0	0	0		"
130	1010		5Y 6/4				1 0			0	0	0	0		"
130	1011		7.5Y 4/2				1 0			0	0	1	0		"
130	1012		5Y 5/4				1 1			0	0	1	0		"
130	1013		5Y 4/2				0 0			0	0	1	0		"
130	1014		2.5Y 6/4				1 0			0	0	1	0		"
130	1015		5Y 3/2				1 0			0	0	1	0		"
130	1016		10YR5/6				1 0			0	0	1	0		STONE IN JAWS, MOST OF SAMP WASHED THRU
130	1017		"				1 0			0	0	0	0		ENTIRE ORIGINAL PRSRVD IN FORMALIN, NO GEOL
130	1018		5Y 3/2				1 2			0	0	1	0		"
130	1019		"				1 0			0	0	0	0		ENTIRE SAMPLE TO BIOL, NO GEOL MAT
130	1020		2.5Y 4/2				1 0			0	0	1	0		SAMPLE BADLY WASHED
130	1021		7.5Y 3/2				1 0			0	0	1	0		"
130	1022		"				1 0			0	0	0	0		BOULDER BROKEN, CHIPS RETAINED
130	1023		5Y 4/4				1 0			0	0	1	0		"
130	1024		10YR3/2				1 0			0	1	1	0		"
130	1025		5Y 3/2				1 0			0	0	1	0		"
130	1026		2.5Y 3/2				1 0			0	0	1	0		"
130	1027		2.5Y 3/2				1 0			0	0	1	0		LAMPREY EEL CAUGHT IN JAWS
130	1028		"				1 0			0	0	0	0		NO SAMPLE
130	1029		2.5Y 3/2				1 0			0	0	1	0		1MI S OF 1028 IN MUDHOLE LOCATED ON PDR
130	1030		"				1 1			0	0	0	0		NO SAMPLE ON SIDE SLOPE, ROCKY
130	1031		10YR3/2				1 2			0	0	1	0		IN AXIS OF CANYON 200YDS NW OF 1030, SED. TEMP 3.0
130	1032		2.5Y 3/2				1 1			0	0	1	0		SED. TEMP. 4.5
130	1033		2.5Y 3/2				1 1			0	0	1	0		"
130	1034		2.5Y 3/2	1			1 2			0	0	1	0		MOTTLED, SOME 5GY4/2
130	1035	A	2.5Y 3/2				1 0			0	0	1	0		"
130	1035	B	5GY5/2				1 0			0	0	0	0		"
130	1036		2.5Y 3/2				1 2			0	0	1	0		"
130	1037		2.5Y 3/2				1 0	7.5	4.5	0	0	1	1		"
130	1038		7.5YR4/2				1 0			0	0	1	0		BOTTOMED TWICE 1ST DROP, 3 TIMES 2ND
130	1039		10YR3/2				1 1			0	0	1	0		BOTTOMED 3 TIMES
130	1040		7.5YR3/2				1 0			0	0	1	0		CAMERA TRIGGER WEIGHT CAUGHT IN JAWS
130	1041		10YR4/2				1 1			0	0	1	0		"
130	1042		7.5YR3/2				1 1			0	0	1	0		"
130	1043		10YR3/2				1 1			0	1	1	0		"
130	1044		5Y 3/2				1 0			0	0	1	0		"
130	1045		5Y 3/2				1 0			0	0	1	0		"
130	1046		5Y 3/2				1 0			0	0	1	0		"
130	1047	A	5Y 4/2				1 0			0	0	1	0		"
130	1047	B	"				1 0			0	0	0	0		"
130	1048		5Y 4/2				1 1			0	0	1	1		VISIBILITY OF GRAB GOING DOWN 20M
130	1049		5Y 3/2				1 0			0	0	1	0		SED. TEMP. 6.8
130	1050		2.5Y 3/2				1 0			0	0	1	0		"
130	1051		5Y 4/2				1 0			0	0	1	0		"
130	1052		5Y 3/2				1 1			0	1	1	0		1 GALLON OF PLANKTON
130	1053		5Y 4/4				1 1			0	0	1	0		"
130	1054		7.5Y 4/2				1 0			0	0	1	0		"
130	1055		5Y 4/4			5.0	1 0			0	0	1	0		"
130	1056		2.5Y 5/6			10.0	1 1			0	0	1	0		"
130	1057		2.5Y 6/2				1 0			0	0	1	0		"
130	1058		5Y 5/2				1 1			0	0	1	0		"
130	1059		7.5Y 3/2			16.0	1 1			0	0	1	0		"
130	1060		5Y 4/4			17.0	1 1			0	0	1	0		"
130	1061	A	"			18.0	1 1			0	0	1	0		ARCHIVE SAMPLE IS A + B
130	1061	B	7.5Y 4/2			18.0	1 1			0	0	1	0		ARCHIVE SAMPLE IS A + B
130	1062		10Y 3/2			15.0	1 1			0	0	1	0		"
130	1063		7.5Y 4/4			11.0	1 1			0	0	1	0		"
130	1064		"				1 3			0	0	1	0	0	"
130	1065		"				1 1			0	0	0	0		"
130	1066		7.5Y 3/2				1 1			0	0	1	0		"
130	1067		10Y 3/2			9.0	1 0			0	0	1	0		"
130	1068		7.5Y 3/2				1 0			0	0	1	0		"
130	1069		7.5Y 3/2				1 1			0	0	1	0		"
130	1070		7.5Y 3/2			13.0	1 1			0	0	1	0		"
130	1071		7.5Y 3/2			11.0	1 1			0	0	1	0		"
130	1072		7.5Y 3/4				1 1			0	0	1	0		"
130	1073		7.5Y 3/4				1 1			0	0	1	0		"
130	1074		7.5Y 3/4				1 1			0	0	1	0		"
130	1075		7.5Y 3/2				1 0			0	0	1	0		"
130	1076		7.5Y 3/2				1 1			0	0	1	0		"
130	1077		10Y 3/2				1 1			0	0	1	0		"
130	1078	A	"				1 2			0	0	0	0		"
130	1078	B	10Y 3/2				1 2			0	0	0	0		"
130	1078	C	"				1 2			0	0	0	0		"
130	1079		7.5Y 3/2				1 1			0	0	1	0		"
130	1080		7.5Y 3/2				1 1			0	0	1	0		"
130	1081		7.5Y 3/2			17.0	1 1			0	0	1	0		"
130	1082		7.5Y 3/2			25.0	1 1			0	0	1	0		"
130	1083		7.5Y 3/2				1 1			0	0	1	0		"
130	1084		7.5Y 3/2				1 1			0	0	1	0		"

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A C	S P	S T R	NOTES
130	1085		-				0	0			0	1	0	0	0	500 CC OF PLANKTON
130	1086		-				0	0			0	1	0	0	0	1500 CC OF PLANKTON
130	1087		-				0	0			0	1	0	0	0	500 CC OF PLANKTON
130	1088		-				0	0			0	1	0	0	0	500 CC OF PLANKTON FROM 65 METERS TO SURFACE
130	1089		-				0	0			0	1	0	0	0	300 CC OF PLANKTON 100M TO SURFACE
130	1090		-				0	0			0	1	0	0	0	FROM 30M TO SURFACE
130	1091		10Y 3/2				1	0			0	0	1	0		-
130	1092		10Y 3/2				1	0			0	0	1	0		-
130	1093		7.5Y 4/2				1	0			0	0	1	0		SOME VERY COARSE GRAVEL LOST WHEN SAMPLE BROKE
130	1094		10YR4/2				0	0			0	0	1	0		-
130	1095		2.5Y 4/2				0	0			0	0	1	1		-
130	1096		2.5Y 3/2				0	0			0	0	1	1		-
130	1097		2.5Y 4/2				0	0			0	0	1	0		TWO CORES
130	1098		2.5Y 4/2				0	0			0	0	1	1		TWO CORES
130	1099		2.5Y 4/2				0	0			0	0	1	1		TWO CORES
130	1100		2.5Y 5/4		8.0		1	0			0	0	1	0		JAWS HELD OPEN BY ROCK
130	1101		2.5Y 5/4		1.8	8.0	1	1			0	0	1	0		-
130	1102		5Y 6/2		8.0	5.0	1	1			0	0	1	0		LOST SOME SAND BECAUSE JAWS HELD OPEN BY PEBBLE
130	1103		5Y 6/4			8.5	1	1			0	0	1	0		-
130	1104		2.5Y 6/4			6.3	1	1			0	0	1	1		1 GAL. OF GRAVEL WASHED IN 1 MM SIEVE SAVED
130	1105		-				0	0			0	1	0	0	0	3/4 METER NET TOW
130	1106		2.5Y 6/4				1	1			0	0	1	1		-
130	1107		5Y 5/2				1	2			0	0	1	0		-
130	1108		7.5Y 3/2				1	1			0	0	1	0		-
130	1109		7.5Y 3/2				1	2			0	0	0	0		-
130	1110		7.5Y 4/2				1	0			0	0	1	0		-
130	1111		-		4.0		0	0			0	1	0	0	0	-
130	1112		7.5Y 3/2		8.0	10.0	1	1			0	0	1	0		-
130	1113		-		8.0	10.0	1	1			0	0	1	0		-
130	1114		2.5Y 5/6			14.3	1	1			0	0	1	0		-
130	1115		7.5Y 4/1				1	3			0	0	1	0		FORAMS FROM DROP 1 OTHER SAMPLES FROM DROP 3
130	1116		7.5Y 3/2				1	1			0	0	1	0		-
130	1117		7.5Y 4/4				1	1			0	0	1	0		-
130	1118		7.5Y 4/4				1	1			0	0	1	0		-
130	1119		5Y 4/4				1	1			0	0	1	0		-
130	1120		5Y 5/6		30.0	14.0	1	1			0	0	1	0		-
130	1121		7.5Y 6/4		8.0	12.0	1	1			0	0	1	0		-
130	1122		-		8.0		0	0			0	1	0	0	0	-
130	1123		2.5Y 5/4		6.0	11.0	1	1			0	0	1	0		-
130	1124		2.5Y 4/4		2.0	21.0	1	1			0	0	1	0		-
130	1125		5Y 5/4			12.0	1	1			0	0	1	0		-
130	1126		5Y 5/4				1	1			0	0	1	0		-
130	1127		5Y 5/4				1	1			0	0	1	0		-
130	1128		2.5Y 6/4				1	0			0	0	1	0		-
130	1129		5Y 5/4				1	1			0	0	1	0		-
130	1130		5Y 5/4				1	2			0	0	0	0		RESULTS OF ALL THREE DROPS COMBINED INTO 1 SAMPLE
130	1131		-			12.0	1	1			0	0	0	0		NO GEOLOGICAL SAMPLE
130	1132		-			12.0	0	0			0	1	0	0	0	-
130	1133		2.5Y 4/4		8.0	12.0	1	1			0	0	1	0		-
130	1134		7.5Y 3/2		8.0	13.0	1	2			0	0	1	0		-
130	1135		2.5Y 5/4		8.0	13.0	1	1			0	0	1	1		-
130	1136		2.5Y 4/4		4.0	16.0	1	0			0	0	1	1		-
130	1137		5Y 4/4			11.0	1	0			0	0	0	0		-
130	1138		2.5Y 4/4				1	0			0	0	1	0		-
130	1139		2.5Y 4/2				1	2			0	0	0	0		-
130	1140		5Y 4/4				1	2			0	0	1	0		-
130	1141		2.5Y 4/4				1	1			0	0	1	0		-
130	1142		5Y 4/4				1	1			0	0	1	0		-
130	1143		2.5Y 4/4		6.0	11.5	1	0			0	0	1	0		-
130	1144		2.5Y 4/4			12.0	1	2			0	0	1	0		-
130	1145		-		6.0		0	0			0	1	0	0	0	-
130	1146		5Y 4/4		8.0	12.5	1	3			0	0	0	0		-
130	1147		5Y 4/4		8.0	11.0	1	0			0	0	0	0		-
130	1148		5Y 3/4		8.0	12.0	1	1			0	0	0	0		-
130	1149		2.5Y 4/4		8.0	12.0	1	4			0	0	0	0		-
130	1150		5Y 4/4		8.0	14.0	1	1			0	0	0	0		-
130	1151		2.5Y 4/4				1	0			0	0	0	0		COMPASS BROKE ON 1 DROP
130	1152		5Y 3/2				1	2			0	0	1	0		-
130	1153		5Y 4/4				1	1			0	0	1	0		-
130	1154		5Y 5/4				1	1			0	0	1	1		-
130	1155		5Y 4/4				1	2			0	0	1	0		-
130	1156		2.5Y 5/4				1	1			0	0	0	0		-
130	1157		5Y 4/4				1	2			0	0	1	0		-
130	1158		5Y 5/4				1	3			0	0	1	0		BOULDER 20 PERCENT SCRAPED
130	1159		-				0	0			0	1	0	0	0	-
130	1160		5Y 4/4		8.0	10.0	1	2			0	0	1	0		-
130	1161		5Y 4/4		8.0	10.0	1	0			0	0	0	0		-
130	1162		5Y 4/4		20.0	5.0	1	3			0	0	1	0		-
130	1163		5Y 3/2		10.0	8.0	1	1			0	0	1	1		-
130	1164		5Y 3/2		8.0	10.0	1	3			0	0	1	0		-
130	1165		10YR4/4		8.0	13.0	1	3			0	0	1	0		-
130	1166	A	2.5Y 3/2				1	1			0	0	1	0		-
130	1166	B	-				1	1			0	0	0	0		-
130	1167		10YR3/2				1	1			0	0	1	0		-
130	1168		10YR3/2				1	1			0	0	1	0		-
130	1169		5YR3/4				1	3			0	0	1	0		-
130	1170		2.5Y 3/2				1	0			0	0	1	0		FIRST SAMPLE ON SHAKER TABLE ON CRUISE
130	1171		10YR3/2		10.0	7.0	1	1			0	0	1	0		-
130	1172	A	7.5YR4/2		20.0	6.0	1	2			0	0	1	0		-
130	1172	B	-		20.0	6.0	1	2			0	0	0	0		-

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	1173		7.5YR3/2		50.0	6.5	1	1			0	0	1	0	-	
130	1174		10YR3/2		10.0	8.0	1	1			0	0	1	0	-	
130	1175		10YR3/2		8.0	9.0	1	2			0	0	1	0	-	
130	1176		10YR4/4		10.0	8.0	1	1			0	0	1	0	-	SIDE OF VALLEY
130	1177		10YR3/2		10.0	11.0	1	1			0	0	1	0	-	
130	1178		10YR3/2			14.0	1	4			0	0	1	0	-	MOVE SHIP FOR 3 MIN 270 AFTER 3RD DROP
130	1179		10YR3/2				1	1			0	0	1	0	-	
130	1180		10YR3/2				1	1			0	0	1	0	-	
130	1181		10YR4/2				1	1			0	0	1	1	-	
130	1182		2.5Y 4/2		8.0	5.0	1	1			0	0	1	0	-	
130	1183		"				0	0			0	1	0	0	0	-
130	1184		2.5Y 4/4		15.0	3.7	1	2			0	0	1	0	-	
130	1185		2.5Y 5/4				1	2			0	0	1	0	-	
130	1186	A	10YR3/2		30.0	5.0	1	2			0	0	1	1	-	PH 7.7, SED. TEMP. 11.5
130	1186	B	"		30.0	5.0	1	2			0	0	0	0	-	PH 7.7, SED. TEMP. 11.5
130	1187		"				0	0			0	1	0	0	0	-
130	1188		2.5Y 3/2		4.0	15.0	1	1			0	0	1	1	-	PH 7.7, SED. TEMP. 10.0
130	1189		2.5Y 4/2		30.0	12.0	1	3			0	0	1	0	-	PH 7.8, SED. TEMP. 9.0
130	1190		"		10.0		0	0			0	1	0	0	0	-
130	1191		2.5Y 3/2		10.0	11.0	1	1			0	0	1	0	-	PH 8.1, SED. TEMP. 8.0
130	1192	A	2.5Y 3/2		8.0	10.0	1	1			0	0	1	0	-	
130	1192	B	"		8.0	10.0	1	1			0	0	1	0	-	
130	1193	A	2.5Y 4/2	1	8.0	12.0	1	1			0	0	1	0	-	5GY 6/1, MOTTLED
130	1193	B	"		8.0	12.0	1	1			0	0	1	0	-	
130	1194		2.5Y 4/2		10.0	9.0	1	0			0	0	1	0	-	
130	1195	A	"		6.0	12.0	1	0			0	0	1	0	-	
130	1195	B	"		6.0	12.0	1	0			0	0	1	0	-	
130	1196		2.5Y 5/6				1	1			0	0	1	0	-	
130	1197		"				0	0			0	1	0	0	0	-
130	1198		2.5Y 3/2				1	2			0	0	1	0	-	
130	1199		7.5Y 3/2				1	1			0	0	1	0	-	
130	1200		7.5Y 4/2				1	2			0	0	1	0	-	
130	1201		"				1	3			0	0	1	0	-	
130	1202		10Y 3/2				1	1			0	0	1	0	-	
130	1203		7.5Y 4/2			8.0	1	1			0	0	1	0	-	
130	1204		7.5Y 4/2		8.0	6.0	1	2			0	0	1	0	-	
130	1205		10Y 3/2		8.0	6.5	1	1			0	0	1	0	-	
130	1206		10Y 3/2		10.0	5.5	1	1			0	0	1	0	-	
130	1207		5Y 5/6		8.0	6.0	1	1			0	0	1	0	-	
130	1208		10Y 3/2		40.0		1	0			0	0	1	0	-	
130	1209		2.5Y 5/4				2	1			0	0	1	0	-	
130	1210		5Y 3/2				2	2			0	0	1	0	-	
130	1211		2.5Y 5/4				2	1			0	0	1	0	-	
130	1212		5Y 3/2				2	1			0	0	1	0	-	
130	1213		5Y 3/2				2	0			0	1	0	0	0	-
130	1214	A	5Y 3/2				2	1			0	0	1	0	-	
130	1214	B	"				2	1			0	0	1	0	-	
130	1214	C	5Y 4/2				2	1			0	0	0	0	-	
130	1215		"				0	0		15.7	1	1	0	0	0	-
130	1216		10YR4/4		20.0	15.0	2	1			0	0	1	0	-	
130	1217		5Y 6/2				2	1			0	0	1	0	-	
130	1218		"				0	0			0	1	0	0	0	-
130	1219		5Y 6/4				2	1			0	0	1	0	-	
130	1220		2.5Y 6/4			8.0	1	0			0	0	1	0	-	
130	1221		5Y 6/4		10.0	9.0	1	2			1	0	1	0	-	
130	1222		2.5Y 6/4		8.0	9.0	1	1			0	0	1	0	-	
130	1223		"				0	0			1	1	0	0	0	-
130	1224		10YR3/2				1	1			0	0	1	0	-	
130	1225		"				0	0			0	1	0	0	0	-
130	1226		5Y 3/2				1	2			0	0	0	0	-	
130	1227		2.5Y 4/2				1	1			0	0	1	0	-	
130	1228		5Y 3/2				1	1			0	0	1	0	-	
130	1229		5Y 3/2				1	1			0	0	1	0	-	
130	1230		5Y 4/4				1	3			0	0	1	0	-	
130	1231		5Y 3/2				1	3			0	0	1	0	-	
130	1232		5Y 3/2				1	1			0	0	1	0	-	
130	1233		2.5Y 3/2				1	1			0	0	1	0	-	
130	1234		2.5Y 3/2				1	1			0	0	1	0	-	
130	1235		5Y 3/2		8.0	9.0	1	2			0	0	1	0	-	
130	1236		5Y 4/4			10.0	2	2		7.3	0	0	1	0	-	
130	1237		5Y 4/4		6.0	10.0	2	1			0	0	1	0	-	
130	1238		5Y 4/4		8.0	9.0	2	1			0	0	1	0	-	
130	1239	A	"		8.0	9.0	2	2			0	0	1	0	-	
130	1239	B	5Y 4/4		8.0	9.0	2	2			0	0	0	0	-	
130	1240		5Y 4/4		8.0	12.0	2	3			0	0	1	0	-	
130	1241		5Y 3/4				2	1			0	0	1	0	-	
130	1242		5Y 3/2				1	0			0	0	1	0	-	
130	1243		5Y 3/2				1	0			0	0	1	0	-	
130	1244		"				0	0			0	1	0	0	0	-
130	1245		5Y 4/4				1	1			0	0	0	0	-	
130	1246		5Y 3/2				1	1			0	0	1	0	-	
130	1247		"				1	3			0	0	1	0	-	
130	1248		5Y 3/2				0	0			0	0	1	0	-	
130	1249		2.5Y 4/2		4.0	18.0	0	0			1	0	1	0	-	
130	1250		2.5Y 4/2		7.0	22.0	0	0			1	0	0	0	-	
130	1251		2.5Y 4/2		8.0	18.0	0	0			1	0	0	0	-	
130	1252		2.5Y 4/2		8.0	16.0	0	0			1	0	0	0	-	
130	1253	A	10YR4/2		8.0	16.5	0	0			1	0	1	0	-	ARCHIVE SAMPLE IS A + B
130	1253	B	"		8.0	16.5	0	0			1	0	1	0	-	ARCHIVE SAMPLE IS A + B
130	1254		"				0	0			1	1	0	0	0	-

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H @	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A C	S C	T R	NOTES
130	1255	A	-		7.0	17.0	0	0			1	0	1	0		PH 7.81
130	1255	B	10YR4/2		7.0	17.0	0	0			1	0	0	0		-
130	1256		2.5Y 4/4			4.0	1	0		15.8	0	0	1	0		WAVE WASHED INTO TUB BEFORE SAMPLE WAS TAKEN
130	1257		10YR4/4			4.5	1	1		15.5	0	0	1	0		-
130	1258		2.5Y 4/4				1	1		15.2	0	0	1	0		-
130	1259		5Y 4/4				1	1		15.4	0	0	1	0		-
130	1260		-		8.0	7.0	0	0		15.2	1	1	0	0	0	-
130	1261		5Y 3/2				0	0		18.4	0	1	1	0		-
130	1262		7.5Y 3/2				0	0		18.0	0	0	1	0		-
130	1263		7.5Y 4/2				0	0		19.0	0	0	1	0		-
130	1264		7.5Y 3/2				0	0			1	0	1	0		-
130	1265		7.5Y 4/2				0	0		18.0	1	0	1	0		-
130	1266		-		7.0	18.0	0	0		18.2	1	1	0	0	0	NO SAMPLE VAN VEEN LOST
130	1267		-				0	0			0	1	0	0	0	-
130	1268		7.5Y 3/2				0	0		15.1	0	0	1	0		-
130	1269		7.5Y 4/2				0	0		18.2	0	0	1	0		-
130	1270	A	7.5Y 4/4				0	0		16.6	1	0	1	0		-
130	1270	B	-				0	0		16.6	1	0	0	0		-
130	1271		7.5Y 3/2				0	0		18.0	1	0	1	0		-
130	1272		7.5Y 3/2				0	0		17.2	0	0	1	0		SEA ANEMONE LOST WHEN WAVE SWEPT OVER DECK
130	1273		7.5Y 3/2				0	0		18.0	0	0	1	0		-
130	1274		-				0	0		18.4	0	1	0	0	0	-
130	1275		5Y 4/4				2	1		15.0	0	0	1	0		-
130	1276		5Y 3/2		50.0	6.5	2	1		15.0	0	0	1	0		-
130	1277		5Y 4/4		30.0	9.0	2	1		15.6	0	1	1	0		-
130	1278		5Y 4/4			13.0	2	1		15.9	1	0	1	0		-
130	1279		2.5Y 4/4				2	1			1	0	1	0		-
130	1280		5Y 3/2				2	1		15.3	1	0	1	0		WEIGHT CAUGHT IN JAWS, GRAB PARTLY OPEN
130	1281	A	5Y 3/2				2	1		15.1	1	0	1	0		ARCHIVE SAMPLE IS A + B
130	1281	B	-				2	1		15.1	1	0	1	0		ARCHIVE SAMPLE IS A + B
130	1282		5Y 4/4				2	1		14.7	1	0	1	0		-
130	1283		2.5Y 4/4				2	1		15.0	1	0	1	0		-
130	1284		2.5Y 5/6				1	1		14.9	1	0	1	0		-
130	1285		5Y 5/4				1	1			1	0	1	0		-
130	1286		2.5Y 5/4				1	1		15.5	1	0	0	0		-
130	1287		-				1	1		16.0	1	0	1	0		-
130	1288	A	5Y 4/4		8.0	7.0	1	1		16.1	1	0	1	0		ARCHIVE SAMPLE IS A + B
130	1288	B	-		8.0	7.0	1	1		16.1	1	0	1	0		ARCHIVE SAMPLE IS A + B
130	1289		-		20.0	10.0	1	1		16.2	0	0	1	0		-
130	1290		5Y 4/4		9.0	10.0	1	1	16.8	15.8	0	0	1	0		-
130	1291		5Y 5/4		9.0	10.0	1	1		15.9	0	0	1	0		-
130	1292		2.5Y 4/4			16.0	1	1		15.3	0	0	1	0		-
130	1293		5Y 4/4		6.0		1	1		15.3	1	0	1	0		NO ASCERTAINABLE TOP
130	1294		5Y 3/2				1	1		15.3	1	0	1	0		-
130	1295		2.5Y 4/4				1	1		15.5	1	1	1	0		-
130	1296		5Y 3/2				1	2		15.2	0	0	1	0		-
130	1297		2.5Y 4/4				1	1	14.5	15.1	1	0	1	0		-
130	1298		2.5Y 4/4		6.0	10.0	1	1	14.6	15.3	1	0	1	0		
130	1299		5Y 4/4		8.0	10.5	1	0		15.6	1	0	1	0		-
130	1300		5Y 4/2		9.0	9.0	2	1		15.6	1	1	1	0		-
130	1301		2.5Y 4/4		8.0	12.5	2	1		16.0	1	0	1	0		-
130	1302		5Y 4/2		7.0		1	0		16.2	1	0	1	0		-
130	1303		2.5Y 5/6				2	1	15.2	16.0	1	0	1	0		-
130	1304		2.5Y 4/2				2	1		15.5	1	0	1	0		-
130	1305		5Y 3/2				2	1	14.5	15.2	1	0	1	0		PROBABLY NEARLY DEEPEST PART OF HUDSON CHANNEL
130	1306		10YR4/4				1	0		15.0	0	0	1	0		-
130	1307		10YR4/4				2	1		15.2	1	0	1	0		-
130	1308		5Y 3/2				1	0	16.0	15.0	1	1	1	0		-
130	1309		5Y 3/2				2	1	12.5	15.3	1	0	1	0		-
130	1310		10YR4/4		8.0	9.5	2	0	14.9	15.2	1	1	1	0		-
130	1311		2.5Y 4/4		8.0		1	1		15.5	0	0	1	0		CAMERA LEAKED
130	1312	A	5Y 4/2			11.0	1	1		16.0	0	0	1	0		PDR OUT, ARCHIVE SAMPLE IS A + B
130	1312	B	-			11.0	1	1		16.0	0	0	1	0		PDR OUT, ARCHIVE SAMPLE IS A + B
130	1313		10YR5/6		9.0	7.0	1	1		16.4	0	0	1	0		PDR OUT
130	1314		10YR4/4		6.0	6.0	1	1		16.4	1	0	1	0		DEPTH FROM CHART
130	1315		5Y 4/2				1	0		16.3	0	0	1	0		-
130	1316		5Y 4/2				1	1		16.4	0	0	1	0		-
130	1317		10YR4/4				1	1	13.2	16.5	1	0	1	0		-
130	1318		10YR5/6				1	1	13.4	16.2	1	1	1	0		-
130	1319		5Y 3/2				1	1		15.5	0	0	1	0		-
130	1320		5Y 4/4				1	1		15.4	0	0	1	0		-
130	1321		5Y 4/4				1	1	13.5	15.6	1	0	1	0		-
130	1322		5Y 3/2				1	1	13.5	15.3	1	0	1	0		-
130	1323		5Y 3/2		7.0	10.0	1	2	14.2	15.1	1	1	1	0		-
130	1324	A	5Y 3/2				1	1	15.2	15.9	1	0	1	0		-
130	1324	B	5Y 3/2				1	1	15.2	15.9	1	0	0	0		-
130	1325		5Y 4/2		6.0	12.0	1	1	16.6	16.7	1	0	1	0		-
130	1326		5Y 4/4		6.0		1	0		17.3	1	0	1	0		-
130	1327		5Y 3/2		8.0	14.0	1	0		17.2	0	0	1	0		-
130	1328		5Y 3/2				1	0		17.6	1	0	1	0		APPARENTLY ON SIDE OF HUDSON CANYON WHEN GRAB HIT
130	1329	A	-				1	0			0	0	1	0		-
130	1329	B	5Y 4/2				1	0			0	0	0	0		-
130	1330		5Y 3/2				0	0	16.1	17.0	0	0	1	0		-
130	1331		-				0	0	15.6	16.1	0	0	0	0		NO SAMPLE
130	1332		5Y 4/2				0	0		17.9	1	1	1	0		-
130	1333		5Y 4/2				0	0			0	0	1	0		PAINT CHIPS FROM VAN VEEN IN WASHED SAMPLE
130	1334		5Y 3/2		6.0	18.0	0	0		18.0	1	0	1	0		-
130	1335		5Y 3/2		10.0	10.0	1	1		16.2	1	0	1	0		-
130	1336		2.5Y 4/4			9.5	1	1		15.4	1	0	1	1		-
130	1337		2.5Y 4/2		6.0	10.0	1	1	16.0	15.8	1	0	1	0		-

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH B	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	BLK	ARC	SPC	STR	NOTES
130	1338		2.5Y 5/4			8.0	1	1	15.6	15.8	1	1	1	0	"
130	1339		5Y 4/4				1	1	15.4	15.5	1	0	1	0	"
130	1340		2.5Y 4/4				1	1	15.2	15.6	1	0	1	0	MANY JELLYFISH IN THE WATER
130	1341		2.5Y 4/4				1	1		15.6	1	0	1	0	"
130	1342		5Y 4/4				1	1		15.9	1	0	1	0	"
130	1343		5Y 5/4				1	1		16.1	0	0	1	1	"
130	1344		10YR5/6				1	1	15.4	16.3	1	0	1	0	"
130	1345		2.5Y 6/4				1	1	15.0	16.3	0	0	1	0	"
130	1346		5Y 3/2	30.0		5.0	1	1		16.5	0	0	1	0	"
130	1347		5Y 5/4			5.5	1	1		16.5	0	0	1	1	"
130	1348		5Y 4/2			7.0	1	1		16.8	1	0	1	0	"
130	1349		10YR5/6				1	1		16.5	1	0	1	1	"
130	1350		5Y 4/2				1	2	16.5	16.7	0	0	1	0	"
130	1351		5Y 4/2				1	1	16.2	16.9	1	0	1	0	"
130	1352		2.5Y 5/6				1	1	16.1	16.5	1	0	1	0	"
130	1353		2.5Y 5/4				1	1		16.2	1	0	1	0	"
130	1354		5Y 5/4				1	1		15.7	0	0	1	0	"
130	1355	A	7.5Y 3/2				1	1	15.8	16.0	1	0	1	0	CLAY LUMPS DIFF FROM RECENT GREEN SAND = INDURATED
130	1355	B	"				1	1	15.8	16.0	1	0	1	0	"
130	1356		2.5Y 4/4				1	1	15.0	15.6	1	0	1	0	"
130	1357		5Y 3/2			11.0	1	1	15.7	15.5	1	0	1	1	"
130	1358		5Y 3/2	8.0		12.0	1	1	19.0	17.0	1	0	1	0	"
130	1359		7.5Y 3/2	8.0		12.0	1	1	16.7	16.7	1	0	1	0	"
130	1360	A	7.5Y 3/2	8.0		12.5	1	2		16.5	1	0	1	0	"
130	1360	B	"	8.0		12.5	1	2		16.5	1	0	0	0	"
130	1361		2.5Y 4/4	8.0		8.0	1	1	18.0	16.5	1	0	1	0	"
130	1362		5Y 5/4			9.0	1	1	15.5	16.5	1	0	1	0	"
130	1363		2.5Y 4/4				1	2	16.0	16.0	1	0	1	0	"
130	1364		2.5Y 4/4				1	1	16.5	17.0	1	0	1	0	"
130	1365		5Y 4/2				1	1	19.1	17.0	1	0	1	0	"
130	1366		5Y 4/4				1	1		16.8	1	0	1	0	"
130	1367		7.5Y 3/2				1	1		16.8	1	0	1	0	"
130	1368	A	"				1	0		16.5	1	0	1	1	ARCHIVE + SPECIAL SAMPLE IS A + B
130	1368	B	7.5Y 5/2				1	0		16.5	1	0	0	1	ARCHIVE + SPECIAL SAMPLE IS A + B
130	1369	A	5Y 4/4				1	0	15.8	16.5	1	0	1	0	"
130	1369	B	"				1	0	15.8	16.5	1	0	1	0	"
130	1370		"				1	0	15.6	15.8	1	0	0	0	NO SAMPLE,POSSIBLY ROCK BOTTOM FROM PDR RECORD
130	1371		7.5Y 3/2				1	1		15.8	1	0	1	0	"
130	1372		7.5Y 3/2				1	1	15.5	16.0	0	0	1	0	"
130	1373		2.5Y 5/6				1	1	15.2	16.1	1	0	1	0	"
130	1374		5Y 3/2	8.0		16.0	1	1		15.5	1	0	1	0	"
130	1375		2.5Y 5/4	8.0		20.0	1	1		15.6	1	0	1	0	"
130	1376		2.5Y 4/4	10.0		11.0	1	1		15.9	0	0	1	0	"
130	1377		2.5Y 5/6	25.0		6.0	1	1		17.5	0	0	1	0	TURBIDITY DUE TO FINE ORGANIC PARTICLES NR SURFACE
130	1378		2.5Y 5/4			4.5	1	1	18.5	17.5	0	0	1	0	"
130	1379		2.5Y 5/4			2.0	1	0		15.3	0	0	1	0	"
130	1380		10YR5/6				1	1	17.8	16.0	0	0	1	0	"
130	1381		2.5Y 5/6				1	1	16.5	15.7	0	0	1	0	"
130	1382	A	2.5Y 4/4				1	1			0	0	1	0	"
130	1382	B	"				1	1			0	0	0	0	"
130	1383		7.5Y 3/2				1	1	16.5	15.7	0	0	1	1	"
130	1384		5Y 4/4				1	1	15.4	15.8	0	0	1	0	"
130	1385		5Y 4/4				1	0	16.2	15.6	0	0	1	0	"
130	1386		7.5Y 3/2				1	1		15.8	0	0	1	0	"
130	1387		5Y 5/4				1	1		15.9	0	0	1	0	"
130	1388		5Y 5/4				1	1		16.0	0	0	1	0	"
130	1389		5Y 5/4				1	0		15.7	0	0	1	0	"
130	1390		5Y 4/4				1	1	16.2	15.8	0	0	1	0	"
130	1391		2.5Y 5/4				1	1	15.7	15.8	0	0	1	0	"
130	1392		5Y 5/4			6.5	1	1		15.5	0	0	1	0	"
130	1393		5Y 4/4			5.0	1	1	16.8	15.9	0	0	1	0	"
130	1394		5Y 6/4			5.5	1	1	17.6	15.8	0	0	1	1	"
130	1395		5Y 6/4	80.0		3.0	1	1		15.5	0	0	1	0	"
130	1396		5Y 4/4	40.0		4.5	1	1		15.3	0	0	1	0	"
130	1397		2.5Y 5/6			6.0	1	1		15.3	0	0	1	0	"
130	1398		5Y 4/2			5.0	1	1		15.3	0	0	1	0	"
130	1399		10YR5/6				1	1		15.2	0	0	1	0	"
130	1400		10Y 2/2				1	1	14.5	14.7	0	0	1	0	"
130	1401		"		6.0		0	0	24.3	24.0	1	0	0	0	"
130	1402		"		6.0		0	0	25.6	24.1	1	0	1	0	"
130	1403		"		7.0		0	0		23.6	1	0	0	0	"
130	1404		10Y 6/2		8.0		0	0		23.2	1	0	1	0	"
130	1405		10Y 6/2				0	0		23.1	1	0	1	0	"
130	1406		"		8.0		0	0		23.5	1	0	1	0	"
130	1407		2.5Y 5/4	25.0		4.0	1	1		7.5	1	0	0	0	"
130	1408		5Y 5/4	30.0		3.5	1	1		7.5	0	0	1	0	"
130	1409		7.5Y 3/2	40.0		3.0	1	0		7.3	0	0	1	0	"
130	1410		7.5Y 5/2	40.0		3.5	1	2		6.3	0	0	1	0	"
130	1411		2.5Y 6/4	30.0		3.5	1	1		5.0	0	0	1	0	STATION LOCATED IN VERY STRONG TIDE RIP
130	1412		2.5Y 5/6	50.0		5.0	1	3		7.0	0	0	1	0	"
130	1413		"				1	2			0	0	0	0	FROM NEW PISTON CORER
130	1414		"				1	0			0	0	0	0	"
130	1415		2.5Y 4/4	4.0		14.0	5	0		11.4	1	0	1	0	"
130	1416		5Y 4/2	8.0		15.0	2	1		11.9	1	0	1	0	"
130	1417		2.5Y 5/4				1	1		11.7	1	1	1	0	"
130	1418		5Y 3/2				1	1		11.7	0	0	1	0	"
130	1419		7.5Y 4/2				5	0		11.3	0	0	1	0	"
130	1420		7.5Y 4/2				1	0			1	0	1	0	"
130	1421		2.5Y 5/4				1	1		12.0	1	0	1	0	"
130	1422		2.5Y 4/4				1	0		12.8	0	0	1	0	"

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	1423		7.5Y 4/2				1	1		12.4	0	0	1	0	.	
130	1424		10Y 3/2				5	0		12.5	1	0	1	0	.	
130	1425		2.5Y 5/4		10.0	12.0	1	1		12.3	0	0	1	0	.	
130	1426		2.5Y 5/4		9.0		1	0		12.5	0	0	1	0	.	
130	1427		2.5Y 5/4		12.0	11.0	1	0		14.4	0	0	1	0	.	
130	1428	A	2.5Y 4/4		10.0	10.0	1	1		15.0	0	0	1	0	.	
130	1428	B	"		10.0	10.0	1	1		15.0	0	0	1	0	.	
130	1429		2.5Y 4/6		10.0	9.0	1	1		17.1	1	0	1	0	.	
130	1430		5Y 4/2		20.0		1	1	18.0	16.9	0	0	1	0	.	
130	1431		5Y 4/2		10.0	9.0	1	1	18.8	15.0	0	1	1	0	.	
130	1432		5Y 4/2				0	0	18.4	16.2	0	0	1	0	.	
130	1433		5Y 4/2				0	0		20.0	0	0	1	0	.	
130	1434		5Y 3/2				0	0		21.0	0	0	1	0	.	
130	1435		2.5Y 6/4				0	0		20.4	0	0	1	0	.	
130	1436		5Y 5/2				0	0		19.6	0	0	1	0	.	
130	1437		5Y 3/2				0	0		20.0	1	0	1	0	.	
130	1438		10Y 4/2		20.0		0	0		16.9	1	0	1	0	.	
130	1439		5Y 5/4		24.0	5.0	0	0	18.3	18.4	1	0	1	0	.	
130	1440		10Y 5/2		15.0	6.0	0	0		20.1	0	0	1	0	.	
130	1441	A	5Y 5/4				0	0	26.6	18.7	0	0	1	0	.	
130	1441	B	"				0	0	26.6	18.7	0	0	1	0	.	
130	1442		5Y 5/2		6.0		0	0	24.3	22.5	0	0	1	0	.	
130	1443	A	5Y 3/2			6.0	0	0	24.1	22.5	0	0	1	0	.	
130	1443	B	"			6.0	0	0	24.1	22.5	0	0	1	0	.	
130	1444		10YR5/4		20.0	10.0	0	0		20.8	0	0	1	0	OYSTERS SAVED FROM DISCARDED 88% OF SAMPLE	
130	1445		5Y 4/2			6.0	0	0		21.3	0	1	1	0	.	
130	1446		10YR4/2				0	0	21.5	20.5	0	0	1	0	.	
130	1447		5Y 4/2				0	0		20.1	0	0	1	0	.	
130	1448		5Y 5/4				0	0	21.1	20.2	0	0	1	0	.	
130	1449		5Y 4/2				0	0	21.9	20.7	0	0	1	0	.	
130	1450		5Y 5/2				0	0	21.8	20.4	0	0	1	1	.	
130	1451		5Y 4/2				0	0	21.1	20.1	0	0	1	0	.	
130	1452		5Y 5/2				0	0	21.5	20.5	0	0	1	0	.	
130	1453		5Y 5/2				0	0	23.2	20.5	0	0	1	0	.	
130	1454		5Y 5/1		15.0		0	0	23.2	20.3	0	0	1	0	.	
130	1455		10YR5/6		15.0	8.0	0	0		20.5	0	0	1	0	.	
130	1456		5Y 4/2		13.0		0	0	25.2	21.1	0	0	1	0	.	
130	1457		2.5Y 4/4			11.0	0	0	26.6	22.4	0	0	1	0	.	
130	1458		2.5Y 4/2		15.0	9.0	0	0	29.5	21.8	0	0	1	0	.	
130	1459		2.5Y 6/4		15.0	11.5	0	0	28.2	22.2	0	0	1	0	.	
130	1460		7.5Y 5/2		20.0	11.5	0	0	28.8	23.2	0	0	1	0	.	
130	1461		10Y 5/1		20.0	11.0	0	0		22.0	0	1	1	0	.	
130	1462		7.5Y 5/2				0	0	26.6	22.5	0	0	1	0	.	
130	1463		7.5Y 5/2				0	0		22.0	0	0	1	0	.	
130	1464		7.5Y 5/2				0	0	23.0	22.1	0	0	1	0	.	
130	1465	A	2.5Y 5/4				0	0		22.7	0	0	1	0	.	
130	1465	B	"				0	0		22.7	0	0	1	1	.	
130	1466		5Y 5/4				0	0		22.1	0	0	1	0	.	
130	1467		2.5Y 5/4				0	0		22.6	0	0	1	0	.	
130	1468		5Y 6/2				0	0	23.5	23.2	0	0	1	1	.	
130	1469		2.5Y 5/4				0	0	23.8	23.5	0	0	1	0	.	
130	1470		7.5Y 5/2		14.0		0	0		22.6	0	0	1	0	.	
130	1471		5Y 5/4			2.5	0	0	23.6	22.3	0	0	1	0	.	
130	1472		7.5Y 6/2		16.0		0	0	25.9	22.0	0	0	1	0	.	
130	1473		5Y 6/2		12.0	15.0	0	0		23.0	0	0	1	0	.	
130	1474		5Y 5/4		8.0	12.0	0	0		23.5	0	0	1	0	.	
130	1475		5Y 4/4			13.0	0	0	26.4	22.9	0	1	1	0	.	
130	1476		5Y 5/4		20.0	8.0	0	0	24.8	22.5	0	0	1	0	.	
130	1477		5GY5/1				0	0		23.0	0	0	1	0	.	
130	1478		5Y 5/2				0	0		23.0	0	0	1	0	.	
130	1479		5GY5/1				0	0	25.2	22.5	0	0	1	0	.	
130	1480		5Y 5/2				0	0	24.9	22.0	0	0	1	0	.	
130	1481		5Y 4/2				0	0	25.2	22.6	0	0	1	0	.	
130	1482		5Y 5/2				0	0	25.5	22.5	0	0	1	0	.	
130	1483		5Y 5/1		30.0		0	0	26.0	21.9	0	0	1	0	.	
130	1484		5GY4/1		50.0	8.0	0	0	24.9	22.5	0	0	1	0	.	
130	1485		7.5Y 5/2		55.0	7.0	0	0	24.6	23.5	0	0	1	0	.	
130	1486	A	7.5Y 4/2		60.0		0	0	24.9	23.4	0	0	1	0	.	
130	1486	B	"		60.0		0	0	24.9	23.4	0	0	1	0	.	
130	1487		7.5Y 5/2		85.0	6.0	0	0		25.0	0	0	1	0	.	
130	1488	A	7.5Y 4/2			4.5	0	0		24.3	0	0	1	0	.	
130	1488	B	"			4.5	0	0		24.3	0	0	1	0		
130	1488	C	"			4.5	0	0		24.3	0	0	1	0		
130	1489		7.5Y 5/2			4.0	0	0		25.2	0	0	1	0	.	
130	1490		5Y 5/4		80.0	4.5	0	0	30.7	25.5	0	0	1	0	.	
130	1491		5Y 5/2		60.0	4.0	0	0	25.6	23.5	0	1	1	0	.	
130	1492		2.5Y 5/4				0	0	24.3	24.0	0	0	1	0	.	
130	1493		5Y 6/2				0	0	25.1	23.8	0	0	1	0	.	
130	1494		5Y 6/2				0	0		24.1	0	0	1	0	.	
130	1495		5Y 5/2				0	0	24.6	23.0	0	0	1	0	.	
130	1496		5Y 6/2				0	0		23.5	0	0	1	0	.	
130	1497		7.5Y 6/2				0	0		23.6	0	0	1	0	.	
130	1498		7.5Y 5/2				0	0	24.6	23.7	0	0	1	0	.	
130	1499		7.5Y 5/2			4.0	0	0	23.8	23.3	0	0	1	0	.	
130	1500		5Y 5/2		65.0	5.0	0	0	24.1	23.9	0	0	1	0	.	
130	1501		7.5Y 5/2				0	0		24.1	0	0	1	0	.	
130	1502		5GY5/1		40.0		0	0	27.3	24.5	0	0	1	0	.	
130	1503	A	10Y 5/1		10.0	7.0	0	0	26.9	24.6	0	0	1	0	.	
130	1503	B	"		10.0	7.0	0	0	26.9	24.6	0	0	0	0		
130	1504		7.5Y 5/2		25.0	5.0	0	0	27.5	23.9	0	0	1	0	.	

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CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L R	A C	S P C	S T R	NOTES
130	1505		10Y 5/1			6.0	0	0		24.5	0	0	1	0	.	
130	1506		2.5Y 5/4		60.0	8.0	0	0	24.3	24.2	0	0	1	0	.	
130	1507		7.5Y 5/2		6.0	9.0	0	0	28.5	24.5	0	1	1	0	.	
130	1508	A	7.5Y 5/2				0	0		24.4	0	0	1	0	.	
130	1508	B	"				0	0		24.4	0	0	1	0	.	
130	1509	A	7.5Y 4/2				0	0		24.7	0	0	1	0	.	
130	1509	B	"				0	0		24.7	0	0	1	0	.	
130	1510		10Y 5/1				0	0		24.0	0	0	1	0	.	
130	1511		10Y 4/1				0	0	25.2	23.5	0	0	1	0	.	
130	1512		10Y 5/1				0	0	24.5	24.4	0	0	1	0	.	
130	1513		7.5Y 6/2				0	0	25.5	25.0	0	0	1	0	.	
130	1514	A	7.5Y 4/2				0	0		22.1	0	0	1	1	SUBMARINE SPRING	
130	1514	B	"				0	0			0	0	0	1	2/3 MI N	SUBMARINE SPRING
130	1514	C	"				0	0			0	0	0	1	2/3 MI N	SUBMARINE SPRING
130	1514	D	"				0	0			0	0	0	1	1/2 MI N	SUBMARINE SPRING
130	1514	E	"				0	0			0	0	0	1	1/2 MI S	SUBMARINE SPRING
130	1514	F	"				0	0			0	0	0	1	2/3 MI S	SUBMARINE SPRING
130	1514	G	"				0	0			0	0	1	1	1 MI S	SUBMARINE SPRING
130	1514	H	"				0	0			0	0	0	1	1.5 MI S	SUBMARINE SPRING
130	1514	I	"				0	0			0	0	0	1	2 MI S	SUBMARINE SPRING
130	1515		5GY4/1			4.5	0	0	26.5	25.6	0	0	1	0	.	
130	1516		5GY4/1			3.5	0	0	26.5	24.5	0	0	1	0	.	
130	1517		7.5Y 5/4		15.0	8.5	0	0	26.2	24.9	0	0	1	0	.	
130	1518		5GY4/1		50.0	4.5	0	0	29.4	25.0	0	0	1	0	.	
130	1519		5GY4/1		60.0	4.0	0	0	25.9	25.0	0	1	1	0	.	
130	1520		5GY4/1		70.0	3.5	0	0	25.5	24.8	0	0	1	0	.	
130	1521		10Y 4/2				0	0		24.8	0	0	1	0	.	
130	1522		7.5Y 3/2				0	0		19.9	0	0	1	0	.	
130	1523		10Y 5/2				0	0	25.1	25.6	0	0	1	0	.	
130	1524		10Y 3/2				0	0	25.2	26.0	0	0	1	1	.	
130	1525		7.5Y 3/2				0	0	25.0	24.5	0	0	1	0	.	
130	1526		7.5Y 5/2				0	0	24.9	24.5	0	0	1	0	.	
130	1527		7.5Y 4/2				0	0	25.0	24.6	0	0	1	0	.	
130	1528		5GY3/1		4.0	18.0	0	0		26.0	0	0	1	0	.	
130	1529		7.5Y 4/2		5.0		0	0		26.0	0	0	1	0	CAUGHT 2 BULL DOLPHIN ON DECK	
130	1530		5GY4/1		5.0	12.0	0	0	29.0	25.4	0	0	1	0	FLOATING SARGASSUM WEED	
130	1531		5GY4/1		10.0	8.0	0	0	27.8	25.6	0	0	1	0	.	
130	1532		5GY3/1		4.0	13.5	0	0	29.1	26.2	0	0	1	0	.	
130	1533		10Y 5/2		3.0		0	0	26.0	25.5	0	0	1	0	.	
130	1534		5Y 5/4		2.0		0	0	26.2	26.5	0	0	1	0	.	
130	1535		5Y 4/2				0	0	27.0	25.3	0	0	1	0	.	
130	1536		5Y 4/2				0	0		25.3	0	1	1	0	.	
130	1537	A	5Y 4/2				0	0		25.5	0	0	1	0	.	
130	1537	B	"				0	0		25.5	0	0	0	0	.	
130	1538	A	5Y 5/2				0	0	25.5	26.0	0	0	1	0	.	
130	1538	B	"				0	0	25.5	26.0	0	0	0	0	.	
130	1539		5Y 4/2				0	0	25.4	25.4	0	0	1	0	.	
130	1540		2.5Y 4/4				0	0	25.0	25.0	0	0	1	0	.	
130	1541		10Y 5/2				0	0	25.0	26.5	0	0	1	0	.	
130	1542		10Y 5/2				0	0	24.8	26.4	0	0	1	0	.	
130	1543		2.5Y 4/6			15.0	0	0	24.9	25.1	0	0	1	0	.	
130	1544		2.5Y 5/4		15.0	7.0	0	0	25.2	25.1	0	0	1	0	.	
130	1545	A	2.5Y 5/4		20.0	4.0	0	0		25.5	0	0	1	0	.	
130	1545	B	"		20.0	4.0	0	0		25.5	0	0	0	0	.	
130	1546		5Y 4/2		9.0	24.0	0	0		25.7	0	0	1	0	BUCKET WATER VERY TURBID, SUGGESTS WASHING	
130	1547		5Y 4/2			12.0	0	0	28.5	26.5	0	0	1	0	.	
130	1548		5Y 3/2			6.5	0	0	27.5	26.0	0	0	1	0	.	
130	1549		5Y 4/1		9.0	11.0	0	0	27.6	26.6	0	0	1	0	.	
130	1550		5Y 4/2		6.0	10.0	0	0	27.9	27.0	0	0	1	0	.	
130	1551		5GY4/1			20.0	0	0	28.2	26.6	0	1	1	0	.	
130	1552		10Y 5/1				0	0	26.7	26.7	0	0	1	0	.	
130	1553		7.5Y 5/2				0	0	26.3	26.5	0	0	1	0	.	
130	1554		5Y 6/2				0	0		26.6	0	0	1	0	.	
130	1555		7.5Y 6/2				0	0		26.3	0	0	1	0	.	
130	1556		5Y 7/4				0	0	26.2	26.5	0	0	1	0	.	
130	1557		10Y 7/2				0	0	25.8	26.6	0	0	1	0	.	
130	1558		7.5Y 7/2				0	0	25.8	26.4	0	0	1	0	.	
130	1559		7.5Y 7/2				0	0			0	0	1	0	.	
130	1560		10Y 5/2				0	0			0	0	1	0	.	
130	1561		10Y 6/2		5.0	30.0	5	0	25.8	26.4	1	0	1	0	1140 CUSP-SHAPED CHANNEL IN BOTTOM	
130	1562		10Y 6/2		4.0		0	0	26.6	27.0	1	0	1	0	.	
130	1563		10Y 6/2		4.0	17.0	0	0	25.3	26.9	0	0	1	0	.	
130	1564		2.5Y 7/2		4.0	21.0	0	0	26.2	26.8	1	0	1	0	.	
130	1565		5Y 7/2				2	1	27.2	27.0	1	0	1	0	.	
130	1566		10Y 6/2			24.0	2	1	27.2	27.0	1	0	1	0	.	
130	1567		10Y 7/2		4.0	32.0	2	1		27.2	1	0	1	1	.	
130	1568		10Y 7/2		4.0	33.0	0	0		27.4	0	0	1	0	.	
130	1569		10YR6/2		3.0	27.0	5	0	30.8	27.6	1	0	1	0	FORAM SAMPLE SPLIT FOR GEOL. SAMPLES	
130	1570		10Y 7/2		3.0	24.0	5	0	31.4	27.9	1	0	1	0	SED. TEMP. 15.5	
130	1571		10Y 7/2		3.0	24.0	1	1	30.1	28.6	1	0	1	0	SED. TEMP. 13.9	
130	1572		10Y 7/2		2.0	27.0	1	1	31.2	28.2	1	0	1	0	.	
130	1573		10Y 7/2		4.0	22.0	1	1	28.2	27.8	1	1	1	0	.	
130	1574		10Y 6/2				1	1		27.1	1	0	1	0	.	
130	1575		10Y 7/2				1	0		27.0	1	0	1	0	.	
130	1576		10Y 5/2				2	0		27.5	1	0	1	0	.	
130	1577		"				0	0		27.5	1	0	0	0	0 NO SAMPLE POSSIBLY ROCK BOTTOM FROM POR RECORD	
130	1578		2.5Y 5/4				0	0	27.1	27.8	1	0	0	0	.	
130	1579	A	2.5Y 5/4				0	0	27.8	27.6	1	0	0	0	.	
130	1579	B	"				0	0	27.8	27.6	1	0	0	0	.	
130	1580	A	2.5Y 7/2		2.0		0	0		27.9	1	0	1	0	.	

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L R	A P C	S P C	T R	NOTES
130	1580	B	-		2.0		0	0		27.9	1	0	1	0		-
130	1581		2.5Y 6/4		4.0	21.0	0	0		27.9	0	0	1	0		-
130	1582	A	-		4.0		0	0	32.7	28.6	1	0	0	0	0	-
130	1582	B	2.5Y 6/4		4.0		0	0	32.7	28.6	1	0	0	0	0	MNOS CAUGHT IN JAWS, HARD BOTTOM
130	1583	A	2.5Y 6/4		5.0	21.0	0	0	32.3	28.8	1	0	1	0		-
130	1583	B	-		5.0	21.0	0	0	32.3	28.8	1	0	0	0		-
130	1584		2.5Y 6/4		3.0	27.0	0	0	34.0	28.6	1	0	1	0		EXTENSIVE TIDE CURRENT RIP IN VICINITY
130	1585		2.5Y 6/4		2.0	31.0	0	0	32.0	29.5	1	0	1	1		-
130	1586	A	5GY6/1		2.0	24.0	0	0	30.3	29.2	1	1	0	0		-
130	1586	B	-		2.0	24.0	0	0	30.3	29.2	1	1	1	0		-
130	1587		2.5Y 6/4				0	0	28.2	28.9	0	0	1	0		-
130	1588		2.5Y 6/4				0	0	28.2	27.0	1	0	1	0		-
130	1589		10Y 5/2				0	0	28.5	27.6	1	0	1	0		-
130	1590		2.5Y 6/2				0	0	27.6	28.3	1	0	1	0		-
130	1591		5Y 6/2				0	0	29.0	27.6	1	0	1	0		-
130	1592		7.5Y 7/2				0	0	28.4	28.0	1	0	1	0		-
130	1593		7.5Y 7/4		4.0	22.0	0	0	29.7	28.1	1	0	1	0		-
130	1594		7.5Y 7/4		4.0	25.0	0	0		27.9	1	0	1	0		-
130	1595		7.5Y 6/2		3.0	17.0	0	0	29.3	28.2	1	0	1	0		-
130	1596		5Y 6/4		4.0		0	0	29.3	27.6	1	0	1	0		-
130	1597	A	-		2.0	17.0	0	0	32.0	28.5	1	0	1	0		-
130	1597	B	7.5Y 7/2		2.0	17.0	0	0	32.0	28.5	1	0	0	0		-
130	1598		7.5Y 6/2		3.0	14.0	0	0	28.1	27.8	1	0	1	0		-
130	1599		7.5Y 7/2		3.0	24.0	0	0	28.8	28.3	1	0	1	1		-
130	1600		5Y 6/2		1.0	22.0	0	0	27.4	27.6	1	1	0	0		-
130	1601	A	10YR6/4				0	0	28.7	27.9	1	0	1	0		-
130	1601	B	-				0	0	28.7	27.9	1	0	1	0		-
130	1602		2.5Y 6/2				0	0	29.0	28.2	1	0	1	0		-
130	1603		2.5Y 6/2				0	0	29.0	28.0	1	0	1	0		-
130	1604		2.5Y 6/4				0	0	29.8	28.0	1	0	1	0		-
130	1605		5Y 6/2				0	0	28.5	27.6	1	0	1	0		-
130	1606		5Y 6/2				0	0	27.9	27.7	1	0	1	0		-
130	1607		5Y 6/4			22.0	0	0	28.9	27.8	1	0	1	0		-
130	1608		5Y 7/2		3.0	21.0	0	0	29.1	27.9	1	0	1	0		-
130	1609		5Y 7/2		3.0	15.0	0	0	25.9	27.8	1	0	1	0		-
130	1610		5Y 6/2		4.0	15.0	0	0		27.6	1	0	1	0		-
130	1611		7.5Y 5/4		3.0	15.0	0	0	27.9	27.6	1	0	1	0		-
130	1612		7.5Y 5/4		3.0	20.0	0	0	24.8	26.1	1	0	1	0		-
130	1613		7.5Y 6/4		3.0	17.0	0	0	27.2	27.4	1	0	1	0		-
130	1614		7.5Y 6/4			14.0	0	0	24.9	26.6	1	0	1	0		-
130	1615		7.5Y 7/2		1.0	20.0	0	0	26.3	27.7	1	1	1	0		-
130	1616		10YR7/2				0	0			1	0	1	0		-
130	1617	A	7.5Y 7/2				0	0	26.9	27.9	1	0	1	0		-
130	1617	B	-				0	0	26.9	27.9	1	0	0	0		-
130	1618		10Y 5/2				0	0	26.4	27.4	1	0	1	0		-
130	1619		10Y 5/2				0	0	26.6	26.9	1	0	1	0		H2S ODOR
130	1620		10Y 4/2				0	0	25.0	26.5	1	0	1	0		-
130	1621		5GY4/1				0	0	26.2	26.6	1	0	1	0		-
130	1622		10Y 5/2				0	0	25.1	27.0	1	0	1	0		-
130	1623		10Y 5/2		3.0	21.0	0	0	25.5	27.0	1	0	1	0		-
130	1624	A	10Y 4/4		15.0	12.0	0	0		26.5	1	0	1	0		-
130	1624	B	-		15.0	12.0	0	0		26.5	0	0	0	0		-
130	1625		10Y 4/2			12.0	0	0	24.5	26.3	1	0	1	0		-
130	1626		2.5GY5/2				0	0	25.5	27.0	1	0	1	0		-
130	1627		2.5GY5/2		3.0	17.0	0	0	25.0	27.0	1	0	1	0		-
130	1628		10Y 6/2		3.0	17.0	0	0	24.9	27.5	1	0	1	0		-
130	1629		10YR5/6			17.0	0	0	24.9	27.4	1	0	1	1		-
130	1630		10YR7/2				0	0	27.4	27.7	1	1	1	0		PDR SHOWS CORAL MOUNDS OR BANKS
130	1631		7.5Y 7/2				0	0	27.7	27.6	1	0	1	0		-
130	1632		2.5GY7/2				0	0	27.0	27.6	1	0	1	0		-
130	1633		2.5GY5/2				0	0	27.0	27.5	1	0	1	1		-
130	1634		2.5GY6/2				0	0	27.0	27.4	1	0	1	0		-
130	1635		2.5GY6/2				0	0	28.7	27.5	1	0	1	0		-
130	1636		2.5GY5/2				0	0	27.0	26.5	1	0	1	0		-
130	1637		2.5GY5/2				0	0	27.0	26.7	1	0	1	0		-
130	1638		2.5GY6/2			20.0	0	0	25.6	27.4	1	0	1	0		-
130	1639		2.5GY7/2		3.0	16.0	0	0	25.5	27.5	1	0	1	0		-
130	1640		-		3.0		0	0	27.2	27.7	1	0	0	0	0	PDR ECHO V.RUGGED CRESENTS,DEPRESSION TOPS.
130	1641		10YR7/2		2.0	17.0	0	0	26.6	27.6	1	0	1	0		-
130	1642		10YR6/2		3.0		0	0	28.9	27.5	1	0	1	0		-
130	1643		2.5Y 7/2		3.0		0	0	28.9	27.7	1	1	1	0		-
130	1644		2.5Y 7/2				0	0			1	0	1	1		-
130	1645		5Y 7/2				0	0		27.6	1	0	1	0		-
130	1646		-				0	0		27.7	0	0	0	0		-
130	1647		2.5Y 8/2				0	0	27.8	27.8	1	0	1	0		-
130	1648		2.5Y 8/2				0	0	28.4	27.6	1	0	1	0		-
130	1649		5Y 7/2				0	0	28.5	27.6	1	0	1	0		FROM 100M DEPRESSION,FLAT CORAL BANKS ON EACH SIDE
130	1650		10YR6/4		2.0	18.0	0	0	27.5	27.3	1	0	1	0		-
130	1651		10YR6/4		3.0	18.0	0	0	28.3	27.5	1	0	0	0		-
130	1652		-		3.0		0	0	29.1	27.3	1	0	0	0		-
130	1653		2.5Y 8/2		3.0	15.0	0	0	28.8	27.4	1	0	1	0		-
130	1654		10YR6/4		3.0	15.0	0	0	29.6	27.7	1	0	1	0		-
130	1655		10YR8/2		3.0	15.0	0	0	29.5	27.6	1	0	1	1		-
130	1656		2.5Y 6/4				0	0	24.4	27.0	0	1	1	0		-
130	1657	A	10Y 6/2	1			0	0	27.6	26.9	1	0	1	0		ADDITIONAL COLOR N 1
130	1657	B	-				0	0	27.6	26.9	1	0	0	0		-
130	1658		10Y 4/4				0	0			1	0	1	0		-
130	1659		5Y 5/4				0	0	26.5	26.6	0	0	1	0		-
130	1660		7.5Y 5/4				0	0	26.9	26.6	1	0	1	0		-
130	1661		5Y 4/4				0	0	26.5	25.5	1	0	1	0		-

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	F H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	1662	7.5Y 5/2				0	0	26.2	25.6	1	0	1	0	*	
130	1663	10Y 4/2		11.0	19.0	0	0	25.9	26.6	1	0	1	0	*	
130	1664	5Y 6/4		25.0	10.0	0	0	26.0	25.3	0	0	1	0	*	
130	1665	7.5Y 5/2		38.0		0	0	26.0	25.4	1	0	1	0	*	
130	1666	2.5Y 5/4		25.0	10.0	0	0	26.4	25.3	1	0	1	0	*	
130	1667	5Y 4/2				0	0	26.8	25.1	1	0	1	0	*	
130	1668	5Y 5/4		10.0		0	0	26.4	25.1	1	1	1	0	*	
130	1669	7.5Y 6/2				0	0		24.5	0	0	1	0	*	
130	1670	5Y 5/2				0	0	25.1	24.2	1	0	1	0	*	
130	1671	5Y 5/4				0	0	23.2	25.0	0	0	1	0	*	
130	1672	10Y 5/2				0	0	22.6	23.9	0	0	1	0	*	
130	1673	2.5GY4/2		25.0	5.0	0	0	29.0	26.0	1	0	1	0	*	EVIDENCE OF HARD ROCK BOTTOM
130	1674	7.5Y 5/2		15.0		0	0	28.2	27.0	1	0	1	0	*	OYSTERS
130	1675	10Y 4/2		20.0	4.0	1	0	31.0	27.5	1	0	1	0	*	
130	1676	10Y 5/1		15.0	5.0	1	0	27.0	27.2	1	1	1	0	*	
130	1677	7.5Y 5/2				1	0	27.5	26.7	1	0	1	0	*	
130	1678	5Y 5/4				1	1	26.6	28.2	1	0	1	0	*	
130	1679	5Y 6/2				1	0	26.5	24.7	1	0	1	0	*	
130	1680	5GY5/2		20.0	7.0	1	1	26.5	26.5	1	0	1	0	*	
130	1681	7.5Y 5/2		10.0	8.0	1	1	28.2	27.0	1	0	1	0	*	
130	1682	7.5Y 5/2		10.0	7.0	1	0	29.0	26.0	1	0	1	0	*	
130	1683	10Y 4/2		12.0	6.0	1	0	29.0	26.2	1	0	1	0	*	
130	1684	5GY4/2		8.0		1	1	32.0	27.5	1	0	1	0	*	SIEVED AT 8MM ALSO
130	1685	5GY3/2		8.0	15.0	1	1	32.0	28.0	1	0	1	0	*	
130	1686	5GY4/1		9.0	9.0	1	0	31.9	29.0	1	0	1	0	*	
130	1687	5GY5/1				1	1	28.5	27.2	0	1	1	0	*	
130	1688	5GY4/1				1	1	27.3	26.2	1	0	1	0	*	
130	1689	5GY5/2				1	0	27.6	26.5	1	0	1	0	*	
130	1690	5Y 4/2				1	1	27.3	26.8	1	0	1	0	*	
130	1691	5GY4/1				1	1	27.0	26.2	1	0	1	0	*	
130	1692	10Y 4/1				1	0	26.8	26.5	1	0	1	0	*	
130	1693	2.5Y 6/4				1	1	27.0	26.2	1	0	1	0	*	
130	1694	5Y 4/2			13.0	1	1	27.5	26.8	0	0	1	0	*	
130	1695	2.5Y 6/4		15.0	11.0	1	0	31.0	26.7	1	0	1	0	*	
130	1696	10Y 5/2		3.0	17.0	1	1	30.8	26.6	1	0	1	0	*	
130	1697	5GY3/1		10.0	10.0	1	1	31.8	27.1	1	0	1	0	*	
130	1698	2.5GY4/2		10.0	13.0	1	1	32.3	27.5	1	0	1	0	*	
130	1699	2.5GY5/2		10.0	12.0	1	0	32.0	27.8	1	0	1	0	*	
130	1700	5GY4/2		12.0	9.0	1	1	31.2	27.4	1	0	1	0	*	
130	1701	7.5Y 5/2		10.0	7.0	1	0	29.0	27.5	1	0	1	0	*	
130	1702	2.5Y 6/4		15.0	7.0	1	0	29.2	26.5	1	1	1	0	*	PLANKTON NET RIPPED
130	1703	10Y 4/1				1	0	28.3	27.0	1	0	1	0	*	
130	1704	7.5Y 6/2				1	0	28.3	27.0	1	0	1	0	*	
130	1705	5Y 5/4				1	0	28.3	27.4	1	0	1	0	*	
130	1706	5GY4/2				1	0	27.9	28.0	1	0	1	0	*	80-110MM CRABS SEEN SWIMMING ON OR NEAR SEA SURFACE
130	1707	5Y 5/4				1	0	27.7	27.1	1	0	1	0	*	
130	1708	7.5Y 6/2				0	0	27.2	26.5	1	0	1	0	*	
130	1709	7.5Y 6/2		6.0	15.0	0	0	27.5	27.0	1	0	1	0	*	
130	1710	2.5Y 5/4		6.0	18.0	0	0	31.0	27.2	1	0	1	0	*	
130	1711	7.5Y 5/2		4.0	17.0	0	0	29.8	27.0	1	0	1	0	*	
130	1712	2.5Y 5/4		4.0	20.0	1	1	30.4	27.2	1	0	1	0	*	
130	1713	7.5Y 5/2		3.0	25.0	1	0	31.0	29.4	0	0	1	0	*	
130	1714	10Y 5/2		3.0	18.0	1	1	31.5	30.2	0	0	1	0	*	
130	1715	10Y 5/2		4.0	17.0	0	0	32.6	28.7	1	0	1	0	*	
130	1716	10Y 5/2		4.0	17.0	0	0	31.0	28.5	1	0	1	0	*	
130	1717	10Y 4/2			6.0	0	0	28.2	28.5	1	0	1	0	*	
130	1718	2.5GY5/2				0	0	28.1	27.3	1	0	1	0	*	
130	1719	10Y 5/2				0	0	27.9	27.0	1	0	1	0	*	
130	1720	7.5Y 5/4				0	0	27.6	28.0	1	0	1	0	*	
130	1721	10Y 5/2				0	0	27.6	28.3	1	0	1	0	*	
130	1722	10Y 5/2		2.0	20.0	0	0	27.0	28.5	1	0	1	0	*	
130	1723	10Y 6/2		3.0	18.0	0	0	27.8	28.5	1	0	1	0	*	
130	1724	10Y 5/2			20.0	0	0	29.7	27.6	1	0	1	0	*	
130	1725	10Y 6/2		4.0	18.0	0	0	29.2	28.5	1	0	1	0	*	
130	1726	10Y 6/2		2.0	17.0	0	0	30.5	28.2	1	0	1	0	*	
130	1727	10Y 7/2		2.0	19.0	0	0	30.9	28.9	1	0	1	0	*	
130	1728	10Y 6/2		3.0	19.0	0	0	30.9	28.9	1	0	1	0	*	
130	1729	5Y 6/2		3.0	22.0	0	0	32.0	29.0	1	0	1	0	*	PDR SHOWS SMPL BETWEEN PROMINANT CORAL BANKS
130	1730 A	10Y 6/2		3.0		0	0	30.5	28.4	1	0	1	1	*	1 PT. SPECIAL GLAUCONITE CONCENTRATE SAVED
130	1730 B	10Y 6/2		3.0		0	0	30.5	28.4	1	0	1	1	*	1 PT. SPEC. GLAUCONITE CONCENTRATE SAVED (B)
130	1731	10YR8/2		4.0	17.0	0	0	32.5	29.2	1	0	1	0	*	
130	1732	2.5Y 8/2		4.0	17.0	0	0	30.7	29.0	1	0	1	0	*	
130	1733	10YR7/4				0	0	29.6	28.6	1	0	1	0	*	
130	1734	2.5Y 8/2				0	0	29.1	28.3	1	0	1	0	*	
130	1735	2.5Y 7/4				0	0	29.0	28.0	1	0	1	0	*	
130	1736	2.5GY5/2				0	0	28.2	25.7	1	0	1	0	*	
130	1737	10Y 5/2				0	0	28.0	27.6	1	0	1	0	*	
130	1738	2.5Y 7/2				0	0	28.0	28.4	1	0	1	0	*	
130	1739	2.5Y 8/4		3.0	15.0	0	0	28.7	28.4	1	0	1	0	*	
130	1740	10YR8/6		2.0	22.0	0	0	30.3	28.4	1	0	0	0	*	
130	1741	10YR7/4		2.0	20.0	0	0	31.2	28.5	1	0	1	0	*	
130	1742	10YR8/4		3.0		0	0	31.8	28.6	1	0	1	0	*	
130	1743	10YR8/4		2.0		1	0	32.3	29.4	1	0	1	0	*	DROP 1 APPARENTLY HARD BOTTOM;DROP 2=OOZE
130	1744	10YR7/4		3.0	20.0	0	0	31.0	29.3	1	0	1	0	*	
130	1745	7.5Y 6/2				1	3	29.0	28.5	1	0	1	0	*	
130	1746	7.5Y 7/4				1	1	29.2	27.7	1	0	1	0	*	
130	1747	7.5Y 6/4				1	1	29.8	28.0	1	0	1	0	*	
130	1748	10YR7/4				1	2	27.6	28.6	1	0	1	0	*	
130	1749	10YR6/4				1	1	28.3	27.5	1	0	0	0	*	PROBABLY HARD BOTTOM
130	1750	10Y 5/4		6.0	12.0	1	0	28.3	26.7	1	0	1	0	*	

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC DHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A C	S P C	S T R	NOTES
130	1751	10Y 5/2		10.0	15.0	0	0	30.2	27.8	1	0	1	0		"
130	1752	5Y 6/2	1	4.0		0	0	30.4	27.9	1	0	1	1		ADDITIONAL COLOR N1
130	1753	2.5GY5/4		6.0	15.0	0	0	31.5	27.7	1	0	1	0		"
130	1754	5Y 6/4		9.0	15.0	0	0	30.3	27.8	1	0	1	0		"
130	1755	2.5Y 6/4		9.0	20.0	0	0	29.9	27.2	1	0	1	0		"
130	1756	2.5GY5/2		10.0	12.0	0	0	29.5	27.5	1	0	1	0		"
130	1757	5Y 6/4		10.0		0	0	29.0	27.3	1	0	1	0		"
130	1758	5Y 6/2				0	0	28.8	26.8	1	0	1	0		"
130	1759	7.5Y 5/2				0	0	28.7	27.0	1	0	1	0		"
130	1760	5GY4/1				0	0	28.9	26.4	1	0	1	0		"
130	1761	2.5Y 6/4				0	0	28.9	27.0	1	0	1	0		"
130	1762	2.5GY4/2				0	0	28.5	27.8	1	0	1	0		"
130	1763	2.5GY5/2				0	0	28.0	27.5	1	0	1	0		"
130	1764	10YR8/4		6.0		0	0	28.0	27.5	1	0	1	0		3/4OF DEAD CORAL THROWN OUT,ALL ELSE OVER 1MM SAVED
130	1765	10YR7/4		6.0	17.0	0	0	29.5	27.3	1	0	1	0		"
130	1766	10YR7/4		6.0	13.0	0	0	30.5	27.5	1	0	1	0		"
130	1767	10YR5/4		4.0	15.0	0	0	31.5	27.9	1	0	0	0		PROBABLE HARD BOTTOM
130	1768	10YR5/4		6.0	14.0	0	0	31.6	28.5	1	0	1	0		"
130	1769	10YR6/4		7.0	13.0	0	0	30.4	28.1	1	0	0	0		HARD BOTTOM,HARDLY ANY SAMPLE
130	1770	7.5Y 7/4		6.0	10.0	0	0	29.0	28.0	1	0	1	0		"
130	1771	10Y 5/4				0	0	29.0	27.4	1	0	1	0		SED.TEMP.13.7
130	1772	10Y 5/2				0	0	28.0	27.3	1	0	1	0		"
130	1773	10Y 4/2				0	0	28.0	27.4	1	0	1	0		"
130	1774	10Y 3/2				0	0	28.0	27.2	1	0	1	0		"
130	1775	10Y 4/2				0	0	26.9	27.2	1	0	1	0		"
130	1776	10Y 5/2		10.0	6.0	0	0	27.3	27.0	1	0	1	0		"
130	1777	10Y 5/1		20.0		0	0	29.2	28.5	1	0	1	0		"
130	1778	10Y 4/2		18.0	13.0	0	0	28.1	27.9	1	0	1	0		"
130	1779	5Y 6/2		10.0		0	0	29.0	27.7	1	1	1	0		"
130	1780	5Y 5/4		10.0	11.0	0	0	28.8	27.5	1	0	1	0		PART OF SAMPLE LOST,MOSTLY FINES
130	1781	10Y 5/2				0	0	28.9	27.2	1	0	1	0		"
130	1782	5Y 5/4				0	0	28.5	27.6	1	0	1	0		"
130	1783	10Y 5/4				0	0	28.8	27.4	1	0	1	0		"
130	1784	10Y 5/2	1			0	0	28.8	27.3	1	0	1	0		PROBABLY HARD MANGANESE ENCRUSTED BOTTOM,N 2 COLOR
130	1785	10Y 5/2	1			0	0	28.9	27.4	1	0	1	0		COLOR N 2
130	1786	10Y 4/2				0	0	28.8	27.5	1	0	1	0		"
130	1787	2.5Y 5/4		10.0		0	0	28.7	27.5	1	0	1	0		"
130	1788	10Y 4/2		10.0	8.0	0	0	30.5	27.5	1	0	1	0		"
130	1789	5Y 5/4		10.0	9.0	0	0	30.8	27.4	1	0	1	0		"
130	1790	10Y 4/2			13.0	0	0	31.8	27.5	1	0	1	0		"
130	1791	7.5Y 5/2		10.0	11.0	0	0	32.2	27.5	1	0	1	0		"
130	1792	7.5Y 6/2		7.0	10.0	0	0	32.5	27.6	1	0	1	0		"
130	1793	5Y 5/2		8.0	16.0	0	0	31.2	27.7	1	0	1	0		"
130	1794	10YR7/4		10.0	13.0	0	0	30.0	27.8	1	0	1	0		"
130	1795	10Y 5/4			9.0	0	0	29.7	27.6	1	1	1	0		PLANKTON TOW 100-110 M DEEP
130	1796	10Y 5/2	1			0	0	28.9	27.3	1	0	1	0		COLOR N 2
130	1797	"				0	0	28.6	28.0	1	0	0	0		JAWS OF BUCKET HELD OPEN EACH TIME BY ROCKS
130	1798	7.5Y 6/4	1			0	0	29.4	27.8	1	0	0	0		PROBABLE HARD BOTTOM, COLOR N 2
130	1799	7.5Y 6/4	1			0	0	28.7	27.1	1	0	0	0		PROBABLE HARD BOTTOM, COLOR N 2
130	1800	7.5Y 8/4	1	10.0	16.0	0	0	28.3	27.4	1	0	1	0		COLOR N 2
130	1801	10Y 4/4		10.0	16.0	0	0	29.4	27.4	1	0	1	0		"
130	1802	10Y 6/2		10.0	19.0	0	0	30.5	27.5	1	0	1	0		"
130	1803	7.5Y 4/2		8.0	16.0	0	0	31.8	27.4	1	0	1	0		"
130	1804	2.5Y 5/4		10.0	16.0	0	0	32.8	27.5	1	0	1	0		"
130	1805	10YR4/4		7.0	10.0	0	0	33.6	27.0	1	0	1	0		"
130	1806	10YR4/2		12.0	11.0	0	0	32.4	26.9	1	0	1	0		"
130	1807	7.5Y 5/2		4.0	17.0	0	0	31.6	27.4	1	0	1	0		"
130	1808	N 1		6.0	19.0	0	0	30.9	28.5	1	0	1	0		"
130	1809	7.5Y 6/2		6.0	16.0	0	0	30.3	28.5	1	1	1	1		PLANKTON TOW 165 M DEEP
130	1810	7.5Y 6/2	1			0	0	29.5	28.5	1	0	1	0		COLOR N 1
130	1811	7.5Y 7/4	1			0	0	29.1	28.3	1	0	1	0		COLOR N 1
130	1812	10Y 6/4	1			0	0	28.9	27.7	1	0	1	0		COLOR N 1
130	1813	7.5Y 5/2				0	0	28.7	27.7	1	0	1	0		"
130	1814	10Y 4/1				0	0	28.6	26.0	1	0	1	0		"
130	1815	2.5Y 6/4				0	0	28.5	26.5	1	0	1	0		"
130	1816	10Y 4/2		10.0	16.0	0	0	28.2	26.5	1	0	1	0		"
130	1817	10Y 5/1		7.0	12.0	0	0	27.5	25.7	1	0	1	0		"
130	1818	5Y 4/2		6.0	17.0	0	0	28.4	26.0	1	0	1	0		"
130	1819	2.5Y 5/4		10.0	14.0	0	0	29.5	26.8	1	0	1	0		"
130	1820	2.5Y 6/4		6.0	19.0	0	0	30.4	26.9	1	0	1	0		"
130	1821	10YR5/4		7.0	16.0	0	0	30.3	27.3	1	0	1	0		"
130	1822	10YR5/4		8.0	19.0	0	0	30.6	28.1	1	0	1	0		"
130	1823	10Y 5/2		4.0	16.0	0	0	30.8	28.7	1	0	1	0		"
130	1824	10Y 7/2	1	5.0		0	0	29.5	28.7	1	1	1	0		COLOR N 1
130	1825	5Y 7/2	1			0	0	28.7	27.8	1	0	1	0		COLOR N 1
130	1826	2.5GY7/2	1			0	0	28.4	27.5	1	0	1	0		COLOR N 1
130	1827 A	2.5GY5/2				0	0	28.5	27.9	1	0	1	0		"
130	1827 B	5GY6/1				0	0	28.5	27.9	1	0	1	0		"
130	1828	10Y 6/2				0	0	28.5	28.0	1	0	1	0		"
130	1829	5GY6/1	1	6.0		0	0	28.5	27.2	1	0	1	0		COLOR 10Y 6/2
130	1830 A	10Y 6/2			29.0	0	0	29.7	27.9	1	0	1	0		"
130	1830 B	5GY6/1			29.0	0	0	29.7	27.9	1	0	0	0		"
130	1831	"		4.0		0	0	30.2	28.5	1	0	0	0	0	"
130	1832	"		4.0		0	0	32.9	27.8	1	0	0	0	0	"
130	1833	"		3.0		0	0	32.0	29.2	1	0	0	0	0	"
130	1834	2.5GY6/2		2.0		0	0	29.4	29.0	1	1	1	1		"
130	1835	2.5GY5/2				0	0	29.3	28.5	1	0	1	0		"
130	1836	2.5GY5/2				0	0	29.4	28.5	1	0	1	0		"
130	1837	10Y 6/2				0	0	29.4	28.6	1	0	1	0		"
130	1838	"				0	0	28.8	28.6	1	0	0	0	0	PROBABLE HARD BOTTOM

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	PAL K	ASP C	SIP C	R	NOTES
130	1839		10Y 6/2 1				0	0	28.9	28.0	1	0	1	0		COLOR N 1
130	1840		10Y 6/2 1		4.0	18.0	0	0	29.3	28.1	1	0	1	0		COLOR N 1
130	1841		10Y 6/4 1		3.0	13.0	0	0	30.4	28.7	1	0	1	0		COLOR N 1
130	1842		10Y 4/1		4.0	18.0	0	0	32.7	27.8	1	0	1	0		"
130	1843		10YR5/4		4.0	16.0	0	0	32.3	27.4	1	0	1	0		"
130	1844		5Y 4/4		6.0	16.0	0	0	32.2	28.1	1	0	1	0		"
130	1845		5Y 4/2		4.0	18.0	0	0	32.6	27.9	1	0	1	0		"
130	1846		10YR5/6		6.0	16.0	0	0	31.5	27.9	1	0	1	0		DISTINCT YELLOW COLOR TO MANY GRAINS
130	1847		10YR3/2		6.0	16.0	0	0	30.0	27.2	1	0	1	0		"
130	1848		5Y 4/2		3.0	18.0	0	0	31.2	27.3	1	1	1	0		"
130	1849		5Y 4/1				0	0	28.5	27.5	1	0	1	0		"
130	1850		10Y 5/2				0	0	26.8	26.0	1	0	1	0		"
130	1851		5Y 6/2 1				0	0	27.9	28.5	1	0	1	0		COLOR N 1
130	1852		5Y 6/2 1				0	0	27.5	28.9	1	0	1	0		COLOR N 1
130	1853		10Y 5/2		4.0		0	0	27.9	28.7	1	0	1	1		"
130	1854		10Y 5/2		4.0		0	0	25.7	28.8	1	0	1	0		SED.TEMP.8.4
130	1855		10Y 6/2 1		8.0	16.0	0	0	25.7	28.7	1	0	1	0		COLOR N 1
130	1856		10Y 5/2 1		4.0	20.0	0	0	27.4	28.0	1	0	1	0		COLOR N 1
130	1857		2.5Y 4/2		4.0	15.0	0	0	28.2	27.5	1	0	1	0		"
130	1858		10Y 5/1		4.0	16.0	0	0	27.8	26.3	1	0	1	0		"
130	1859		10Y 6/1		8.0	15.0	0	0	27.8	26.2	1	0	1	0		"
130	1860		10YR5/4		8.0	19.0	0	0	28.1	26.4	1	0	1	0		MAYBE HARD REEF BOTTOM
130	1861		5Y 5/2		10.0	16.0	0	0	27.8	27.4	1	0	1	0		"
130	1862		10Y 4/2		5.0	16.0	0	0	28.0	27.4	1	1	1	0		"
130	1863		10Y 4/1				0	0	26.3	27.3	1	0	1	0		"
130	1864		10Y 6/2 1				0	0	27.0	27.6	1	0	0	0		COLOR N 1,ESSENTIALLY NO SAMPLE
130	1865		10Y 5/2				0	0	28.2	27.6	1	0	1	0		"
130	1866		10Y 4/2				0	0	28.7	28.1	1	0	1	0		DISTINCT CLAM FLAT ODOR
130	1867		10Y 5/2				0	0	27.6	27.8	1	0	1	0		SED.TEMP.7.8
130	1868		10Y 4/2				0	0	26.5	28.7	1	0	1	0		"
130	1869		2.5GY4/2				0	0	26.9	27.8	1	0	1	0		"
130	1870		10Y 3/2		8.0	10.0	0	0	27.3	25.3	1	0	1	0		"
130	1871		2.5Y 5/4		10.0	18.0	0	0	27.8	27.9	1	0	1	0		"
130	1872		2.5Y 5/4		6.0	15.0	0	0	28.7	23.8	1	0	1	0		SED.TEMP.10.0
130	1873		7.5Y 5/2		10.0	15.0	0	0	27.0	23.3	1	0	1	0		"
130	1874		10YR5/4		10.0		0	0	28.8	23.5	1	0	1	0		"
130	1875		7.5Y 4/2		8.0	16.0	0	0	29.7	24.6	1	0	1	0		"
130	1876		7.5Y 4/2		8.0	9.0	0	0	31.2	27.5	1	0	1	0		"
130	1877		7.5Y 4/2 1		8.0	16.0	0	0	32.0	26.3	1	0	1	0		COLOR N 1;SED.TEMP. 13.0
130	1878		5Y 4/4		8.0	12.0	0	0	27.1	29.5	1	1	1	0		SED.TEMP.12.4,BOTTOM WATER TEMP.12.4
130	1879		5Y 4/4				0	0	26.5	23.7	1	0	1	0		"
130	1880		5Y 4/2				0	0	25.1	24.0	1	0	1	0		"
130	1881		10Y 3/2				0	0	25.2	23.5	1	0	1	0		"
130	1882		7.5Y 4/2				0	0	26.6	23.4	1	0	1	0		"
130	1883		5Y 5/2				0	0	26.4	24.0	1	0	1	0		"
130	1884		10Y 4/2				0	0	26.0	22.8	1	0	1	0		"
130	1885		10Y 4/2				0	0	25.2	23.0	1	0	1	0		SED.TEMP.8.2
130	1886		2.5Y 5/4		8.0	10.0	0	0	25.0	23.0	1	0	1	0		SED.TEMP.13.0
130	1887		5Y 5/4		10.0	12.0	0	0	23.1	22.5	1	0	1	0		"
130	1888		7.5Y 4/2		10.0	12.0	0	0	24.7	22.0	1	0	1	0		"
130	1889		7.5Y 5/2		10.0	10.0	0	0	24.9	22.0	1	0	1	0		"
130	1890		5Y 5/4		8.0	10.0	0	0	25.0	21.5	1	0	1	0		"
130	1891		10Y 4/2		9.0	9.0	0	0	27.1	21.5	1	0	1	0		"
130	1892	A	10YR5/1		8.0	10.0	0	0	24.6	21.2	1	0	1	0		ARCHIVE SAMPLE IS A + B
130	1892	B	"		8.0	10.0	0	0	24.6	21.2	1	0	0	0		ARCHIVE SAMPLE IS A + B
130	1893		10Y 4/2 1			12.0	0	0	26.1	20.6	1	1	1	0		COLOR N 1;SED.TEMP. 6.4
130	1894		7.5Y 4/2				0	0	22.3	20.5	1	0	1	0		"
130	1895		10Y 4/2				0	0	22.4	21.0	1	0	1	0		"
130	1896		7.5Y 5/2		15.0	6.0	1	0	27.0	15.0	0	0	1	0		SED.TEMP 13.5
130	1897		10Y 5/2		10.0	9.0	1	0	23.0	16.9	0	0	1	0		SED.TEMP 11.0
130	1898		5GY4/1		90.0	1.9	1	0	24.0	16.1	0	0	1	0		SED.TEMP 15.0
130	1899		10Y 3/2		35.0	4.0	1	1	23.0	14.8	0	0	1	0		SED.TEMP 8.5(POOR=POROUS SAMPLE),SD/GRV CONTACT GOOD
130	1900		7.5Y 5/2		40.0	7.0	1	1	23.0	17.2	0	0	1	0		SED.TEMP 11.5
130	1901		10YR4/4		80.0	1.7	02	1	22.0	22.4	0	0	1	0		SED.TEMP 20.0,TAKEN ON FLOODING TIDAL CURRENT
130	1902		10Y 3/2		65.0	3.2	0	0	24.0	17.5	0	0	1	0		SED.TEMP 11.0,BOTTOM WATER TEMP 56 F.
130	1903		5GY3/2		40.0	7.0	1	3	15.2	13.9	1	0	1	0		SAMPLE SCRAPED OFF GRAB,DID NOT TRIP,SALINOMETER
130	1904		10YR4/2			9.0	0	0	11.9	10.1	1	0	1	0		"
130	1905		5Y 4/2		40.0	6.0	1	0	16.5	13.4	0	0	1	0		BOTTOM WATER TEMP 8.0;FRAUTSCHY
130	1906		5Y 4/1		10.0	8.5	1	0	18.0	14.6	1	0	1	0		FRAUTSCHY BOTTLE
130	1907		5GY4/1		40.0	4.0	1	0	18.0	17.2	1	0	1	0		FRAUTSCHY BOTTLE
130	1908		2.5Y 4/2			4.5	14	3	13.0	11.5	1	0	1	0		FRAUTSCHY BOTTLE
130	1909		5Y 3/2			4.0	2	0	13.0	10.0	1	0	1	0		FRAUTSCHY BOTTLE +SALINOMETER
130	1910		5Y 4/2			4.0	2	0	14.0	12.4	1	0	1	0		FRAUTSCHY BOTTLE
130	1911		5Y 3/2			4.5	2	0	14.0	13.9	1	0	1	0		FRAUTSCHY BOTTLE
130	1912		5Y 4/2				2	0	14.5	14.3	1	0	1	0		FRAUTSCHY BOTTLE +SALINOMETER
130	1913		5Y 3/2		90.0	2.0	2	0	19.0	16.8	1	0	1	0		FRAUTSCHY BOTTLE +SALINOMETER,COKE BOTTLE SAMPLER
130	1914		5GY3/1		97.0	1.0	01	1	19.5	19.5	1	0	1	0		FRAUTSCHY +COKE BOTTLES,SALINOMETER,S/WASHING
130	1915		5GY3/1		98.0		0	0	19.0	21.4	1	0	1	0		FRAUTSCHY + COKE BOTTLES,SALINOMETER
130	1916		"		97.0	0.4	0	0			0	0	0	0	0	WATER PUMPED FROM 3.2M TO GET SUSPENDED SEDIMENT
130	1917		5Y 4/2		55.0	4.0	2	0		14.7	1	0	1	0		FRAUTSCHY BOTTLE
130	1918		5Y 4/2		50.0	6.5	26	2	12.5	12.7	1	0	1	0		FRAUTSCHY, SAMPLE LOOKS LIKE LAG CONCENTRATE
130	1919		5GY3/1		55.0	3.7	2	1	16.7	14.6	1	0	1	0		FRAUTSCHY BOTTLE
130	1920		5GY3/1			3.5	2	1	14.0	10.6	1	0	1	0		FRAUTSCHY BOTTLE
130	1921		5Y 3/2			0.9	1	0	16.0	21.3	1	0	0	0		FRAUTSCHY, PROBABLE ROCKY BOTTOM W/THIN POCKETY SAND
130	1922		5Y 3/2			1.2	01	1	16.0	21.3	1	0	1	0		FRAUTSCHY BOTTLE
130	1923		10YR4/4		90.0	3.7	22	1	22.0	13.3	1	0	1	0		FRAUTSCHY BOTTLE
130	1924		5GY3/1		30.0	4.1	2	1		15.9	1	0	1	0		FRAUTSCHY BOTTLE
130	1925		5GY4/1		9.0	4.5	2	1	20.6	14.1	0	0	1	0		WATER TEMP 13.2 ON BOTTOM
130	1926		5GY3/1		70.0	3.5	2	0	19.5	15.5	0	0	1	0		BOTTOM WATER TEMP 13.3,FRAUTSCHY
130	1927		7.5Y 5/2		40.0	5.6	06	2	22.0	17.5	0	0	1	0		BOTTOM WATER TEMP 10.9,FRAUTSCHY

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	1928		5GY3/1		25.0	5.5	26	3	25.0	17.2	0	0	1	0		BOTTOM TEMP 9.5,FRAUTSCHY
130	1929		5Y 5/4		50.0	4.9	26	4	16.0	19.1	0	0	1	0		BOTTOM WATER TEMP 19.7,FRAUTSCHY
130	1930		10Y 5/2		30.0	8.3	26	3	26.0	18.5	0	0	1	0		BOTTOM WATER TEMP 16.4,FRAUTSCHY
130	1931		7.5Y 4/2		55.0	2.5	06	2	13.9	21.5	1	0	1	0		FRAUTSCHY,P.H.BTM H20 7.93 AT 0900 JULY 21,1964
130	1932		10Y 3/2		80.0	2.0	2	0	25.6	23.8	1	0	1	0		FRAUTSCHY,P.H BTM H20 7.92 ON JULY 21,1964
130	1933		5GY3/1			3.0	2	0	24.4	23.7	0	0	1	0		FRAUTSCHY, BOTTOM H20 PH MEASURED
130	1934		5GY3/1		50.0	2.5	2	0	21.7	23.7	1	0	1	0		BOTTOM H20 PH MEASURED,FRAUTSCHY
130	1935		10Y 4/2			2.5	22	2	20.6	20.1	1	0	1	0		BOTTOM H20 PH MEASURED,FRAUTSCHY
130	1936		5Y 4/4			5.5	2	2	20.0	18.7	1	0	0	0		BOTTOM H20 PH MEASURED,MUCH SD WASHED OUT,FRAUTSCHY
130	1937		5Y 4/4			6.0	2	1	20.6	18.6	1	0	1	0		BOTTOM H20 PH MEASURED,FRAUTSCHY
130	1938		7.5Y 4/2		50.0	3.5	2	0	22.2	18.5	1	0	0	0		BOTTOM H20 PH MEASURED,FRAUTSCHY
130	1939		10Y 4/1			1.5	2	0	26.7	24.1	0	0	1	0		"
130	1940		10Y 4/2		40.0	2.5	2	0	22.8	19.2	1	0	1	0		PH MEASURED,1/4 MILE S.PRMT SLICK ON WATER,FRAUTSCHY
130	1941		7.5Y 4/2		90.0	0.5			22.2	27.2	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1942		5Y 4/2		35.0	3.5	2	0	23.9	19.2	1	0	1	0	0	PH MEASURED,WASHED BUT SIZE DISTRIBUTION PROBABLY OK
130	1943		10Y 3/2		40.0	1.5	2	0	28.3	21.4	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1944		5GY4/1		40.0	3.0	2	0	27.8	23.0	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1945		5GY4/1		35.0	2.5	2	0	26.1	23.2	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1946		5GY4/1		40.0	3.0	2	0	27.8	24.3	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1947		5GY4/1		45.0	2.5	2	0	26.1	23.0	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1948		5GY4/1			2.0	2	0	23.3	22.4	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1949		5GY4/1		60.0	2.5	2	0	18.9	19.3	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1950		5GY3/1		80.0	2.0	2	0	20.0	20.7	1	0	1	0		PH MEASURED,FRAUTSCHY
130	1951	A	7.5Y 3/2			1.0	2	0	22.2	24.9	1	0	1	0		PH MEASURED,FRAUTSCHY,COMBINED A+B IN ARCHIVE,DROP 1
130	1951	B	"			1.0	06	2	22.2	24.9	1	0	1	0		PH MEASURED,FRAUTSCHY,COMBINED A+B IN ARCHIVE,DROP 2
130	1952		5GY3/1		65.0	1.0	2	0	17.2	23.6	1	0	1	0		FRAUTSCHY
130	1953		7.5Y 3/2		50.0	1.5	2	0	18.9	22.6	1	0	1	0		FRAUTSCHY
130	1954		5GY3/1		80.0	1.2	2	0	21.1	23.0	1	0	1	0		FRAUTSCHY
130	1955		N 2	1	90.0	1.6	2	0	22.8	24.8	1	0	1	0		FRAUTSCHY,ADD.COLOR 10YR4/2,OIL=SATURATED SEDIMENT
130	1956		5Y 5/4		40.0	1.8	2	0	21.7	22.2	1	0	1	0		FRAUTSCHY
130	1957		N 2	1	30.0	2.6	2	0	21.1	20.5	1	0	1	0		FRAUTSCHY, ADD. COLOR 5Y 4/2
130	1958		5Y 3/2		25.0	5.0	02	1	22.8	20.2	1	0	1	0		FRAUTSCHY
130	1959		5Y 5/4		30.0	2.6	2	0	25.0	21.0	1	0	1	0		"
130	1960		5Y 6/2			2.0	02	1	24.4	21.1	1	0	1	0		"
130	1961		2.5Y 6/4			2.6	2	0	23.9	20.2	1	0	1	0		"
130	1962		5GY5/1		30.0	1.6	2	0	26.1	21.9	1	0	1	0		"
130	1963		7.5Y 4/2		35.0	1.5	2	0	25.6	22.3	1	0	1	0		"
130	1964		7.5Y 3/2		30.0	2.0	2	0	28.3	21.6	1	0	1	0		"
130	1965		10Y 2/2			3.5	2	0	22.2	20.9	1	0	1	0		"
130	1966		5GY3/1		50.0	3.0	02	1	26.1	20.8	1	0	1	0		"
130	1967		7.5Y 4/2		45.0	2.8	02	1	27.8	20.5	1	0	1	0		FRAUTSCHY
130	1968		7.5Y 4/2		50.0	2.6	2	0	32.2	24.1	1	0	1	0		FRAUTSCHY
130	1969		5GY3/1		50.0	1.5	2	0	32.8	23.5	1	0	1	0		FRAUTSCHY
130	1970		10Y 4/2		80.0	0.6	0	0	27.8	27.0	1	0	1	0		FRAUTSCHY
130	1971		7.5Y 4/2		90.0	1.3	06	2	28.3	27.6	1	0	1	0		FRAUTSCHY
130	1972		5GY3/1		90.0	0.8	0	0	22.8	25.8	1	0	1	0		FRAUTSCHY,RELATIONS BETWEEN 2 TYPE LITH NOT CLEAR
130	1973	A	10YR2/1		95.0	0.6	0	0	23.3	25.9	1	0	1	0		FRAUTSCHY
130	1973	B	"		95.0	0.6	0	0	23.3	25.9	1	0	0	0		FRAUTSCHY
130	1974		2.5Y 5/4		95.0	0.4	0	0	24.4	26.7	0	0	1	0		FRAUTSCHY
130	1975		5GY5/1		80.0	0.9	0	0	29.4	27.1	1	0	1	0		FRAUTSCHY
130	1976		10Y 4/1		90.0	1.0	0	0	26.7	27.4	1	0	1	0		FRAUTSCHY
130	1977		5GY4/1		80.0	1.3	0	0	27.2	27.3	1	0	1	0		FRAUTSCHY
130	1978		5GY3/1		80.0	1.5	0	0	27.2	26.8	1	0	1	0		FRAUTSCHY
130	1979		5GY5/1		80.0	1.8	0	0	27.2	25.9	1	0	1	0		FRAUTSCHY
130	1980		5GY3/1		70.0	2.4	0	0	26.1	26.3	1	0	1	0		FRAUTSCHY,MINIATURE VAN VEEN USED 3RD TRY
130	1981		5GY3/1		60.0	2.5	0	0	27.2	26.3	1	0	1	0		FRAUTSCHY,MINIATURE VAN VEEN USED 3RD TRY
130	1982		5GY5/1		65.0	2.5	0	0	27.2	26.5	1	0	1	0		FRAUTSCHY
130	1983		10Y 4/2		60.0	2.0	02	1	26.7	26.7	1	0	1	0		FRAUTSCHY
130	1984		5GY4/1			1.8	0	0	24.4	26.5	1	0	1	0		FRAUTSCHY
130	1985		5GY4/1		60.0	3.0	0	0	25.6	25.3	1	0	1	0		FRAUTSCHY
130	1986		5GY5/1		55.0	3.3	0	0	25.6	25.7	1	0	1	0		FRAUTSCHY
130	1987		5GY3/1		50.0	3.0	0	0	26.1	25.5	1	0	1	0		FRAUTSCHY
130	1988		5GY3/1			5.0	02	1	29.4	25.8	1	0	1	0		FRAUTSCHY
130	1989		5GY2/1		60.0	2.0	0	0	27.2	26.8	1	0	1	0		IN DEEPEST PART OF RIVER,FRAUTSCHY
130	1990		10Y 4/1		45.0	4.0	0	0	22.2	24.6	1	0	1	0		FRAUTSCHY
130	1991		5GY3/1		45.0	3.0	0	0	23.3	24.5	0	0	1	0		FRAUTSCHY
130	1992		5GY5/1		50.0	2.8	0	0	26.1	24.9	1	0	1	0		FRAUTSCHY
130	1993		5GY3/1		40.0	4.2	0	0	26.1	24.5	1	0	1	0		FRAUTSCHY
130	1994		10Y 4/2		70.0	1.0	02	1	27.2	25.3	1	0	1	0		FRAUTSCHY
130	1995		5GY3/1			3.2	0	0	32.8	24.5	1	0	1	0		FRAUTSCHY
130	1996		2.5Y 5/4				0	0	23.3	23.1	1	0	1	0		FRAUTSCHY
130	1997		10Y 4/2		30.0	8.0	2	1	23.3	23.7	1	0	1	0		FRAUTSCHY
130	1998		10Y 4/2		20.0	7.5	02	1	25.0	22.7	1	0	1	0		FRAUTSCHY
130	1999		7.5Y 4/2		25.0	3.2	0	0	27.2	22.5	1	0	1	0		"
130	2000		2.5Y 4/4		30.0	3.0	0	0	23.3	22.2	1	0	0	0		6-8 DROPS TO GET 1L.
130	2001		5GY3/1		40.0	2.0	0	0	22.2	22.0	1	0	1	0		"
130	2002		5Y 5/4		25.0	1.8	0	0	19.4	21.5	1	0	1	0		"
130	2003		5Y 4/4			3.0	0	0	21.1	20.9	1	0	1	0		NOT SO W.SRT AS 2002,JUST OUTSIDE RECENT BEACH SD.
130	2004		7.5Y 4/2		20.0	2.8	0	0	27.8	21.8	1	0	1	0		"
130	2005		7.5Y 4/2		60.0	2.8	0	0	21.1	21.2	1	0	1	0		FRAUTSCHY
130	2006		5Y 4/4			3.0	0	0	22.8	21.4	1	0	1	0		FRAUTSCHY
130	2007		2.5Y 4/4		30.0		0	0	22.2	21.3	1	0	0	0		FRAUTSCHY
130	2008		5GY3/1		30.0	2.5	02	1	24.4	19.8	1	0	1	0		FRAUTSCHY
130	2009		5Y 5/2		20.0	3.5	06	2	26.1	18.3	1	0	1	0		FRAUTSCHY
130	2010		2.5Y 4/4		20.0	4.5	0	0	21.1	18.2	1	0	1	0		FRAUTSCHY
130	2011		7.5Y 4/4		20.0	7.0	02	1	17.8	17.7	1	0	1	0		FRAUTSCHY
130	2025		2.5Y 5/4				3	0			1	0	1	0		"
130	2026		5Y 5/2				3	0	21.4	20.5	0	0	1	0		"
130	2027	A	5Y 3/2				3	0	21.3	20.5	0	0	1	0		ARCHIVE COMBINED A+B
130	2027	B	"				3	0	21.3	20.5	0	0	1	0		ARCHIVE COMBINED A+B

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CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	BLT	PLK	ARC	SPC	STR	NOTES
130	2028		5Y 4/1				3	0			0	0	1	0		-
130	2029		5Y 5/4				3	0			0	0	1	0		-
130	2030		2.5Y 4/4				5	1			1	0	1	0		-
130	2031		5Y 3/2				4	0	23.4	24.6	1	0	1	0		-
130	2032		2.5Y 5/2				4	0	23.0	23.6	1	0	1	0		-
130	2033		2.5Y 5/2		25:0		4	0	25.6	22.5	1	0	1	0		-
130	2034		5Y 4/1		25:0		4	0	22.5	22.5	1	0	1	0		-
130	2035		2.5Y 4/2		28:0		4	0			1	0	1	0		-
130	2036		2.5Y 4/4				4	0			1	0	1	0		SAMPLE PARTLY WASHED,8/ FINE MATERIAL PROBABLY LOST
130	2037		"				4	0			0	0	0	0	0	WATER HAUL
130	2038		7.5Y 3/2				4	0	18.5	22.1	0	1	1	0		PT DONE AUG.4 BETWEEN STA.2038-2039 FROM 0910-0925
130	2039		2.5Y 4/2				0	0		22.2	0	0	1	0		-
130	2040	A	5Y 3/2		90:0		4	0			0	0	1	0		-
130	2040	B	10Y 3/1		90:0		4	0			0	0	1	0		-
130	2041		10Y 3/2				0	0			0	0	1	0		-
130	2042		10Y 3/2		20:0		0	0			1	0	1	0		-
130	2043		2.5Y 5/4		20:0		0	0	19.7	21.4	0	0	1	0		-
130	2044		7.5Y 3/2				0	0	20.3	21.5	1	0	1	0		-
130	2045		7.5Y 4/2				0	0	19.0	20.5	0	0	1	0		-
130	2046		10YR5/6				3	0	18.5	21.0	0	0	1	0		-
130	2047		7.5Y 3/2				3	0			1	0	1	0		-
130	2048		7.5Y 3/2				3	0			0	0	1	0		-
130	2049	A	5Y 2/2				3	0			0	0	1	0		ARCHIVE COMBINED A+B
130	2049	B	"				3	0			0	0	1	0		ARCHIVE COMBINED A+B
130	2050		7.5Y 3/2				3	0	18.9	21.2	0	0	1	0		-
130	2051		5Y 3/2				3	0	18.9	21.6	0	0	1	0		SAMPLE WASHED
130	2052		2.5Y 4/4		20:0		0	0	20.3	21.1	1	0	1	0		-
130	2053		5Y 3/2		20:0		0	0	24.5	22.0	1	0	1	0		-
130	2054		2.5Y 5/4		20:0		0	0			1	0	1	0		-
130	2055		2.5Y 4/2		27:0	9:0	0	0			1	0	1	0		-
130	2056		7.5Y 3/2		30:0	9:0	3	0	22.0	22.5	0	0	1	0		-
130	2057		10Y 3/1		10:0	9:0	3	0	23.0	22.1	0	0	1	0		-
130	2058		2.5Y 4/4				5	0	17.0	21.5	0	0	1	0		-
130	2059		5Y 3/2				5	0		22.3	0	0	1	0		-
130	2060		7.5Y 4/2				5	0		23.2	0	0	1	0		-
130	2061		10Y 3/2				5	0	19.5	20.5	1	0	0	0		-
130	2062		2.5Y 3/2				5	0			1	0	1	0		-
130	2063	A	7.5Y 3/2				5	0	19.7	20.4	1	0	1	0		ARCHIVE COMBINED A+B
130	2063	B	"				5	0	19.7	20.4	1	0	0	0		ARCHIVE COMBINED A+B
130	2064		5Y 4/2				5	0	20.3	21.5	1	0	1	0		-
130	2065	A	2.5Y 4/2		40:0	8:0	5	0	22.3	22.9	0	0	1	0		-
130	2065	B	5Y 3/2		40:0	8:0	5	0	22.3	22.9	0	0	1	0		-
130	2066		"		60:0	20:0	5	0			1	0	0	0	0	-
130	2067		7.5Y 3/2		15:0	20:5	5	0	25.4	23.8	0	0	0	0		-
130	2068		"				1	1	24.4	23.4	0	0	0	0	0	-
130	2069		5Y 3/2				5	0	23.5	25.0	1	0	1	0		-
130	2070		5Y 3/1				5	0	23.5	25.5	1	0	1	0		-
130	2071		7.5Y 4/2				5	0			1	0	1	0		-
130	2072		7.5Y 4/2				5	0	22.6	26.0	1	0	1	0		-
130	2073		7.5Y 4/2		10:0	30:0	1	1		23.5	1	0	1	0		-
130	2074	A	5Y 4/2		10:0	18:0	1	1			1	0	1	0		LITH.CONT.-PEBBLES LIGHT GREEN + BROWN
130	2074	B	"		10:0	18:0	1	1			1	0	1	0		
130	2075		5Y 4/2		10:0	17:5	3	0			1	0	1	0		-
130	2076		7.5Y 4/2		10:0	20:0	3	0	24.0	26.3	1	0	1	0		-
130	2077		7.5Y 4/2		15:0		1	1	23.1	23.3	1	0	1	0		-
130	2078		7.5Y 4/2				1	1	23.0	23.8	1	0	1	0		-
130	2079		5Y 4/2				1	1			1	0	1	0		SAMPLE WASHED,GAVE VERY LITTLE
130	2080		5Y 4/4				1	1			1	0	1	0		-
130	2081		5Y 3/2				3	0			1	0	1	0		-
130	2082		7.5Y 3/2				3	0			0	0	1	0		SMELL OF AMMONIA,(QUERY)
130	2083		7.5Y 3/2				3	0			1	0	1	0		-
130	2084		5Y 4/1				1	1	23.4	22.6	1	0	1	0		-
130	2085		5Y 4/2		10:0	17:0	5	0	23.8	23.0	1	0	1	0		-
130	2086		5Y 4/2		10:0		5	0	26.3	22.7	1	0	1	0		-
130	2087		5Y 4/2		10:0	15:0	1	1			1	0	1	0		-
130	2088		5Y 4/2		10:0	16:0	1	1	24.2	23.0	1	0	1	0		-
130	2089		5Y 3/2				5	0	23.5	22.9	1	0	1	0		-
130	2090		10Y 4/2				5	0	23.8	23.1	1	0	1	0		-
130	2091		10Y 3/2				5	0			0	0	1	0		-
130	2092		10Y 3/2				5	0			0	0	1	0		-
130	2093		10Y 4/1				5	0			1	0	1	0		-
130	2094		10Y 3/2				5	0			1	0	1	0		-
130	2095		10Y 4/1				5	0	21.0	22.0	1	0	1	0		-
130	2096		10Y 4/2				5	0	20.6	21.9	1	0	1	0		-
130	2097		10Y 4/2		10:0		5	0	21.0	22.0	1	0	1	0		-
130	2098		10Y 4/2		15:0	18:0	5	0			1	0	1	0		-
130	2099		10Y 4/2		13:0	20:0	1	1			1	0	1	0		-
130	2100		10Y 4/2		20:0	22:0	5	0	21.3	21.6	1	0	1	0		-
130	2101		7.5Y 4/2		10:0	19:5	5	0	19.9	21.8	1	0	1	0		-
130	2102	A	5Y 4/2				5	0			1	0	1	0		ARCHIVE IS A+B
130	2102	B	"				5	0			1	0	0	0		ARCHIVE IS A+B
130	2103		10Y 4/2				0	0	19.2	21.5	1	0	1	0		-
130	2104		2.5Y 4/4				0	0		23.5	1	0	1	0		-
130	2105		2.5Y 4/2				0	0			0	0	1	0		-
130	2106		5Y 4/2		25:0	14:5	1	1	26.0	22.0	0	0	1	0		-
130	2107		10Y 4/2				1	1	22.0	23.0	0	0	1	0		-
130	2108		10Y 4/2				1	1	21.5	21.0	0	0	1	0		-
130	2109	A	10Y 4/2				2	1	21.7	22.1	1	0	1	0		OUTCROP OF ROCK AT THIS STATION,ARCHIVE IS A+B
130	2109	B	"				2	1	21.7	22.1	1	0	0	0		OUTCROP OF ROCK AT THIS STATION,ARCHIVE A+B
130	2110		7.5Y 4/2		10:0		5	0			1	0	1	0		SED.TEMP 2.7

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	R C	A C	S P	S T	NOTES
130	2111		10Y 4/2		10.0	19.0	5	0	20.5	21.6	1	0	1	0			•
130	2112		7.5Y 4/2		20.0		5	0	20.3	21.4	1	0	1	0			SAMPLE BADLY WASHED
130	2113		10Y 4/2				5	0	18.5	21.0	1	0	1	0			•
130	2114		10Y 4/2				5	0	17.9	21.0	1	0	1	0			•
130	2115		5Y 4/2				5	0	18.4	21.6	1	0	1	0			•
130	2116		7.5Y 5/2		10.0	21.0	5	0	20.0	22.0	1	0	1	0			SED.TEMP 2.5
130	2117		5Y 5/2		10.0	25.0	1	1	22.5	22.2	1	0	1	0			•
130	2118		5Y 5/2		10.0	20.0	1	1	24.0	22.9	1	1	1	0			•
130	2119		5Y 4/2				5	0	18.5	21.0	1	0	1	0			SED.TEMP 3.9
130	2120		7.5Y 4/2				5	0	18.5	20.5	1	0	1	0			•
130	2121		5Y 4/1				5	0	18.0	21.2	1	0	1	0			•
130	2122		7.5Y 4/2				5	0	18.0	19.2	1	0	1	0			•
130	2123		5Y 4/2				5	0	18.2	19.5	1	0	1	0			•
130	2124		5Y 4/2		10.0	21.0	1	1	19.0	21.0	1	0	1	0			•
130	2125		7.5Y 4/2		10.0	25.0	5	0	23.2	21.2	1	0	1	0			•
130	2126		"		10.0	21.0	5	0	21.8	21.0	1	0	0	0	0		•
130	2127		7.5Y 4/2				5	0			1	0	1	0			SED.TEMP 3.3
130	2128		7.5Y 4/2				1	1	19.4	20.4	1	0	1	0			SED.TEMP 3.6
130	2129		10Y 4/2				5	0	19.0	18.3	1	0	1	0			•
130	2130		7.5Y 4/2				5	0	18.8	18.6	1	0	1	0			•
130	2131		10Y 4/2				5	0	18.1	18.6	1	0	1	0			SED.TEMP 4.7
130	2132	A	"				0	0	19.3	20.0	1	0	1	0			ARCHIVE IS A+B
130	2132	B	7.5Y 4/2				0	0	19.3	20.0	1	0	0	0			ARCHIVE IS A+B, SED.TEMP 9.0
130	2133		5Y 4/2		10.0	21.0	0	0	20.7	20.7	1	0	1	0			•
130	2134		5Y 4/2		10.0	21.0	0	0	22.0	20.5	1	0	1	0			•
130	2135		2.5Y 4/2		10.0	19.0	0	0	24.7	20.6	1	1	1	0			•
130	2136		5Y 4/3				0	0	20.5	21.5	1	0	1	0			SED.TEMP 3.9(POSSIBLY NOT RELIABLE), SILTSTONE PEBS
130	2137		10Y 4/2				0	0	20.5	21.5	1	0	1	0			SED.TEMP 3.6
130	2138		10Y 4/2				0	0	18.5	18.2	1	0	1	0			•
130	2139		10Y 4/2				0	0			1	0	1	0			SED.TEMP 6.1
130	2140		7.5Y 4/2				0	0	18.4	20.5	1	0	1	0			SED.TEMP 3.4
130	2141		5Y 4/2		10.0	20.0	0	0	19.7	20.5	1	0	1	0			SED.TEMP 3.9, NOT TOO RELIABLE
130	2142		5Y 4/2			13.0	0	0	21.5	21.3	1	0	1	0			•
130	2143		5Y 4/1		10.0	23.0	0	0	21.6	21.1	1	0	1	0			SED.TEMP 2.8
130	2144		7.5Y 5/2				0	0	20.5	20.0	1	0	1	0			SED.TEMP 2.7, RELIABLE, ECHINOID IN SEPARATE JAR
130	2145		5Y 5/2				0	0	20.0	22.0	1	0	1	0			1 PIECE OF SLAG ABOUT 2CM
130	2146		5Y 4/2				0	0	19.9	21.7	1	0	1	0			SED.TEMP 2.8
130	2147		7.5Y 5/2		10.0	21.0	0	0	25.2	21.8	1	0	1	0			SED.TEMP 3.2, RELIABLE
130	2148		5Y 4/2		10.0	17.0	0	0	25.0	21.5	1	0	1	0			SED.TEMP 3.6
130	2149		10Y 4/4		10.0	17.0	0	0	23.8	20.8	1	1	1	0			•
130	2150	A	10Y 4/2				0	0	21.7	21.6	1	0	1	0			2150A+2150B CONTACT SHARP, BITS OF B IN A, SED.TEM 3.9
130	2150	B	"				0	0	21.7	21.6	1	0	1	1			2150A+2150B CONTACT SHARP, BITS OF B IN A, SED.TEM 3.9
130	2150	C	"				0	0	21.7	21.6	1	0	0	0			2150C MAY BE ABOVE B, SED.TEMP 3.9
130	2151		7.5Y 4/2				0	0	21.5	20.2	1	0	1	0			SED.TEMP 3.7
130	2152		7.5Y 4/2				1	1	21.3	21.2	1	0	1	0			•
130	2153		5Y 5/2				1	1	21.2	20.5	1	0	1	0			SED.TEMP 3.4
130	2154		7.5Y 5/2				1	1	21.0	21.2	1	0	1	0			SED.TEMP 2.7
130	2155		5Y 6/2		10.0	20.0	1	1	26.0	22.5	1	0	1	0			SED.TEMP 2.2, HOLOTHURION IN SEPARATE JAR
130	2156		5Y 5/4		10.0	20.0	1	1	25.5	22.3	1	0	1	0			SED.TEMP 2.8
130	2157		5Y 5/2				3	0	23.0	20.6	1	0	1	0			SED.TEMP 3.0
130	2158		10Y 4/2				1	1	19.3	18.8	1	0	1	0			SED.TEMP 3.4
130	2159		5Y 4/2				1	1	18.2	18.9	1	0	1	0			•
130	2160		10Y 4/2				3	2	17.8	21.7	1	0	1	0			AQUIRED 1 BUCKET OF PLANKTON
130	2161		7.5Y 4/2				1	1	18.1	21.6	1	0	1	0			SED.TEMP 3.8
130	2162		7.5Y 5/2		20.0		1	1	19.0	21.7	1	0	1	0			SED.TEMP 3.3
130	2163		5Y 4/2		10.0	21.0	3	0	20.5	22.0	1	0	1	0			SED.TEMP 2.6
130	2164		5Y 5/2		10.0	21.0	1	1	22.4	23.7	1	0	1	0			•
130	2165		10YR4/2				1	1	25.8	23.8	1	1	1	0			SED.TEMP 3.6, PLANKTON TOW JUST PRIOR TO STATION
130	2166		10YR6/2				5	0	21.8	22.8	1	0	1	0			SED.TEMP 3.1
130	2167		10YR5/4				0	0	22.6	22.8	1	0	1	1			SED.TEMP 2.2
130	2168		5Y 5/2		10.0	18.0	0	0	24.0	23.0	1	0	1	0			SED.TEMP 3.1, GN PLEISTOCENE+RD+BRN RECENT(QUERY)
130	2169		7.5Y 5/2				0	0	20.1	21.8	1	0	1	0			SED.TEMP 2.7
130	2170		7.5Y 5/2				0	0	18.5	23.4	1	0	1	0			•
130	2171		7.5Y 4/2				0	0	19.3	18.5	1	0	1	0			SAMPLE PARTLY WASHED, SURFACE MATERIAL MISSING
130	2172		7.5Y 4/2				0	0	18.0	20.0	1	0	1	0			SED.TEMP 3.8
130	2173		5Y 4/2				0	0	18.0	19.2	1	0	1	0			SED.TEMP 4.2
130	2174		10Y 4/2		10.0	17.0	0	0	18.5	19.7	1	0	1	0			SED.TEMP 3.8
130	2175		10Y 3/1		20.0	15.0	0	0	20.5	18.5	1	0	1	0			MOST OF BIOLOGY FROM DROP 3
130	2176		10Y 4/4		20.0	11.0	0	0	21.5	17.9	1	0	1	0			•
130	2177		10Y 4/2		10.0	16.0	0	0	23.0	21.0	1	1	1	0			SED.TEMP 7.8, PLANKTON TOW FOLLOWING THIS STATION
130	2178		5Y 4/2				0	0	20.5	19.3	1	0	1	0			SED.TEMP 3.8
130	2179		5Y 4/2				0	0	21.5	22.2	1	0	0	0			ABOUT 200 G. SCRAPED OFF GRAB
130	2180		7.5Y 4/2				0	0	22.0	20.8	1	0	0	0			•
130	2181		7.5Y 4/2				0	0			1	0	1	0			SED.TEMP 4.6
130	2182		10Y 4/2		30.0	14.0	0	0			1	0	1	0			SED.TEMP 7.2
130	2183		7.5Y 4/2		20.0	15.0	0	0			1	0	0	0			•
130	2184		5Y 4/2		20.0	11.0	0	0			1	0	0	0			SAMPLE SCRAPED FROM BUCKET
130	2185		5Y 4/2				0	0			1	1	1	0			SED.TEMP 3.9
130	2186		5Y 4/2				0	0			1	0	1	0			SED.TEMP 4.1
130	2187		2.5Y 4/2				0	0	23.0	23.3	1	0	0	0			•
130	2188		5Y 4/2				0	0			1	0	1	0			SED.TEMP 3.9
130	2189		5Y 5/2		20.0	18.0	0	0	18.3	19.0	1	0	1	0			SED.TEMP 3.3
130	2190		7.5Y 4/2		20.0	16.0	0	0	21.0	18.2	1	0	1	0			•
130	2191	A	10Y 4/2		20.0	10.0	0	0			1	0	1	0			ARCHIVE IS A+B
130	2191	B	"		20.0	10.0	0	0			1	0	1	0			ARCHIVE IS A+B
130	2192		5Y 4/2				0	0			1	0	1	0			SED.TEMP 4.3
130	2193		10Y 4/2				0	0	16.5	16.5	1	0	1	0			SED.TEMP 4.6
130	2194		5Y 4/2				0	0			1	0	1	0			SED.TEMP 3.3
130	2195		5Y 4/2				0	0	15.3	13.7	1	0	1	0			SED.TEMP 3.9
130	2196		10Y 4/2				0	0	15.3	15.1	1	0	1	0			SED.TEMP 1.4, SAMPLE TAKEN NEAR CANYON AXIS

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CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	2197		2.5Y 4/2				0	0			1	0	1	1		2-30 GAL. PLASTIC BARRELS OF SEDIMENT SAVED
130	2198		"				0	0			1	0	1	0		"
130	2199		"				0	0			1	0	1	0		"
130	2200		10Y 4/2				7	1			1	0	1	0		"
130	2201		2.5Y 4/2				0	0			0	0	1	0		"
130	2202		7.5Y 4/2				0	0			1	0	1	0		"
130	2203		2.5Y 4/2				0	0			1	0	1	0		"
130	2204		10YR4/2			13.0	0	0			1	0	1	0		"
130	2205		2.5Y 4/4		6.0		7	1			1	0	1	0		"
130	2206		7.5Y 4/2				0	0			1	0	1	0		"
130	2207		"				0	0			0	1	0	0		LOST CAMPBELL,SAMPLE BADLY WASHED,NOT REPRESE
130	2208		"		6.0	13.0	0	0			1	0	0	0	0	PIPE DREDGE LOWERED BUT NOT ENOUGH CABLE
130	2209		2.5Y 4/2				0	0		16.5	1	0	1	0		BIOLOGY HAD STRONG FISHY SMELL
130	2210		7.5Y 4/2				7	1		16.1	1	0	1	0		SAMPLE LOOKS SIMILAR TO 2207
130	2211		2.5Y 4/2				0	0		16.2	1	0	1	0		SAMPLE POSSIBLY CONTAMINATED FROM EARLIER
130	2212		2.5Y 4/2		15.0	14.0	7	1			1	1	1	0		SAMPLE POSSIBLY CONTAMINATED FROM EARLIER
130	2213		"				7	1			0	0	1	0		"
130	2214		"				7	1			0	0	1	0		"
130	2215		"				0	0			0	0	1	0		"
130	2216		2.5Y 3/2				0	0	7.0	3.2	0	0	0	0		SED.TEMP 3.5
130	2217	A	2.5Y 5/4		50.0	3.0	0	0	11.5	11.1	0	0	0	0		DROPS 1+2 LABLED A+B,300-500 FEET APART
130	2217	B	5Y 4/2		50.0	3.0	0	0	11.5	11.1	0	0	0	0		DROPS 1+2 LABLED A+B,300-500 FEET APART
130	2218		5Y 4/4			.3	0	0		11.0	0	0	0	0		"
130	2219		2.5Y 3/2		100 0	0.2	0	0	26.0	22.0	0	0	0	0		NO H2S ODOR,TOP .5CM V.SFT+LIQUID
130	2220		2.5Y 3/2		100.0	.5	0	0	21.0	21.0	0	0	1	0		NO H2S ODOR,
130	2221		10YR4/2		95.0	1.0	0	0	22.0	20.0	0	0	1	0		"
130	2222		10YR4/1		98.0	1.5	0	0	28.5	21.0	0	0	1	0		NO H2S ODOR
130	2223		10YR4/2		95.0	1.3	0	0	27.5	22.2	0	0	1	0		SLIGHT H2S SMELL
130	2224		10YR5/4		95.0	1.2	0	0	27.5	23.6	0	0	1	0		SLIGHT H2S SMELL
130	2225		10YR4/2		98.0	.8	0	0	30.5	20.3	0	0	1	0		"
130	2226		10YR3/2		99.0	1.2	0	0		23.0	0	0	1	0		ARCHIVE COMBINED A+B
130	2227	A	2.5Y 4/4		99.0	0.8	06	3	29.0	23.5	0	0	1	0		ARCHIVE COMBINED A+B,STRONG H2S SMELL
130	2227	B	"		99.0	0.8	06	3	29.0	23.5	0	0	1	0		"
130	2228		2.5Y 5/2		95.0	1.1	0	0	26.0	21.8	0	0	1	0		"
130	2229		2.5Y 5/4		95.0	1.5	0	0	29.0	22.4	0	0	1	0		"
130	2230		2.5Y 4/4		95.0	2.0	0	0	19.5	22.8	0	0	1	0		"
130	2231		2.5Y 4/4		95.0	1.5	0	0	29.0	22.0	0	0	1	0		"
130	2232		5Y 3/2		90.0	2.0	0	0	22.2	19.0	0	0	1	0		"
130	2233		5Y 3/2		85.0	1.8	0	0	19.0	22.0	0	0	1	0		"
130	2234		5Y 3/2		80.0	1.0	0	0		21.7	0	0	1	0		NO H2S SMELL
130	2235		5Y 3/2		80.0	2.0	0	0	19.0	22.2	0	0	1	0		"
130	2236		5Y 3/2		90.0	0.8	0	0	19.0	21.5	0	0	1	0		"
130	2237		5Y 4/2		70.0	2.0	0	0	22.0	21.9	0	0	1	0		NO H2S SMELL
130	2238		5Y 3/2		85.0	1.5	0	0	23.0	22.4	0	0	1	0		"
130	2239		5Y 4/1		85.0	2.2	0	0	24.0	22.7	0	0	1	0		MODERATELY STRONG H2S SMELL
130	2240		5Y 3/1		90.0	2.0	0	0	24.5	23.2	0	0	1	0		VERY SLIGHT H2S SMELL
130	2241		5Y 4/1		85.0	2.5	0	0	18.0	22.1	0	0	1	0		"
130	2242		5Y 5/2		85.0	2.5	0	0	19.0	21.5	0	0	1	0		"
130	2243		5Y 3/2		85.0	2.1	0	0		22.4	0	0	1	0		"
130	2244		5Y 3/2		90.0	1.5	0	0	21.0	22.6	0	0	1	0		MODERATELY STRONG H2S SMELL
130	2245		5Y 4/1		95.0	2.0	0	0	21.0	23.1	0	0	1	0		NO H2S SMELL
130	2246		2.5Y 3/2		98.0	1.0	0	0	21.0	23.8	0	0	1	0		"
130	2247		10YR3/1		98.0	0.7	0	0		23.5	0	0	0	0		"
130	2248		10YR4/4		30.0	5.0	0	0		21.4	0	0	0	0		"
130	2249		7.5Y 3/2		30.0	10.0	0	0		20.8	0	0	0	0		"
130	2250		7.5Y 4/2		35.0	9.0	0	0		21.3	0	0	1	0		"
130	2250U		7.5Y 4/4				0	0			0	0	1	0		SAMPLE TAKEN WHILE UNDERWAY
130	2251		2.5Y 4/4		15.0	8.0	06	3		21.6	0	0	1	0		"
130	2252		5Y 4/2		25.0	7.0	0	0		22.5	0	0	1	0		"
130	2253		5Y 4/2		25.0	4.0	0	0	24.5	22.5	0	0	1	0		"
130	2254		2.5Y 4/2		45.0	2.0	0	0		23.4	0	0	1	0		SAMPLE NOT ABOVE SALT INTRUSION
130	2255		7.5YR5/6		98.0	0.6	0	0			0	0	1	0		"
130	2256		10YR4/2		98.0	0.8	0	0	22.5	24.1	0	0	1	0		"
130	2257		2.5Y 4/4		55.0	3.0	0	0		23.4	0	0	1	0		"
130	2258		5Y 5/4		35.0	5.0	0	0		23.8	0	0	1	0		"
130	2259		5Y 4/4		35.0	4.0	0	0	28.5	22.9	0	0	1	0		"
130	2260		5Y 4/4		35.0	7.0	0	0		23.1	0	0	1	0		"
130	2261		5Y 4/4		45.0	4.0	0	0	28.0	22.9	0	0	1	0		"
130	2262		5Y 4/4		45.0	5.0	0	0	27.0	23.6	0	0	1	0		ECHO SOUNDER SHOWS ASSYMETRICAL RIPPLES HEIGHT 2 FT.
130	2263		2.5Y 4/4		90.0	1.2	0	0	25.9	25.4	0	0	1	0		SILTY CL POSSIBLY SETTLED SUSP.LOAD AT SLACK WATER
130	2264		2.5Y 4/2		99.0	0.9	0	0	28.0	26.7	0	0	1	0		"
130	2265		2.5Y 4/4		60.0	2.0	0	0	27.9	25.0	0	0	1	0		"
130	2266		2.5Y 4/4		85.0	1.5	0	0	29.7	25.6	0	0	1	0		"
130	2267		10YR3/1		90.0	1.0	0	0	29.7	27.7	0	0	1	0		"
130	2268		5Y 5/2		65.0	2.0	0	0	28.9	28.6	0	0	1	0		"
130	2269		5Y 5/2		75.0	1.6	0	0	23.4	25.0	0	0	1	0		"
130	2270		10YR6/2			0.8	0	0	26.8	24.4	0	0	1	0		TIDE EBBING
130	2271		5Y 3/2		85.0	1.6	0	0	27.6	26.8	0	0	1	0		MOD.H2S SMELL,NO ACT.TIDAL TRANSP.AS RIVERS TO N.
130	2272		2.5Y 5/4		98.0	0.8	0	0		26.2	0	0	1	0		"
130	2273		2.5Y 4/4		65.0	2.0	0	0	27.2	26.5	0	0	1	0		"
130	2273U		5Y 3/2				0	0			0	0	1	0		UNDERWAY DROP
130	2274		5Y 4/2		75.0	1.3	0	0	26.0	27.0	0	0	1	0		"
130	2275		5Y 4/1				0	0			0	0	1	0		TAKEN AT ANCHOR IN SMALL CREEK IN MARSH
130	2276		5Y 3/2		75.0	1.7	0	0	22.9	26.1	0	0	1	0		SLIGHT H2S SMELL
130	2277	A	2.5Y 4/4		90.0	0.5	02	2	25.7	27.3	0	0	0	0		"
130	2277	B	2.5Y 3/2		90.0	0.5	02	2	25.7	27.3	0	0	0	0		"
130	2277	C	"		90.0	0.5	02	2	25.7	27.3	0	0	1	0	0	A+B COMBINED
130	2278		2.5Y 5/6				0	0		28.5	0	0	1	0		TAKEN ABOVE SALT WATER AT LOW WATER SLACK
130	2279		2.5Y 4/4		65.0	1.0	0	0		26.7	0	0	1	0		"
130	2280		7.5Y 4/2		50.0	1.7	0	0		26.4	0	0	1	0		"

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH OF	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	2281	7.5Y 4/4		45.0	5.0	0	0		25.8	0	0	1	0		SLIGHT FETID ODOR
130	2282	7.5Y 4/2		25.0	5.0	0	0		25.5	0	0	1	0		"
130	2283	7.5Y 4/2		25.0	8.0	0	0		26.2	0	0	1	0		"
130	2284	7.5Y 5/2		25.0	4.5	0	0		26.0	0	0	1	0		"
130	2285	7.5Y 4/4		35.0	5.0	0	0		26.4	0	0	1	0		"
130	2286	2.5Y 3/2		70.0	1.0	06	2		26.0	0	0	1	0		"
130	2287	5Y 3/2		90.0	0.8	0	0	30.0	27.9	0	0	1	0		"
130	2288	5Y 4/4		50.0	9.0	0	0		24.7	0	0	1	0		"
130	2289	5Y 4/4		60.0	2.0	0	0		25.7	0	0	1	0		"
130	2290	7.5Y 4/4				0	0		25.3	0	0	1	0		"
130	2291	7.5Y 4/4		60.0	2.0	0	0		26.1	0	0	1	0		"
130	2292	7.5Y 5/4		50.0	6.0	0	0		25.0	0	0	1	0		"
130	2293	5Y 4/2		65.0	2.0	0	0		25.8	0	0	1	0		"
130	2294	7.5Y 4/4		65.0	3.0	0	0		24.3	0	0	1	0		"
130	2295	5Y 4/2		40.0	4.0	0	0		23.9	0	0	1	0		"
130	2296	5Y 4/2			4.0	0	0		23.3	0	0	1	0		"
130	2297	7.5Y 4/2				0	0			0	0	1	0		"
130	2298	7.5Y 4/2				0	0		23.7	0	0	1	0		"
130	2299	"				0	0		24.8	0	0	0	0		"
130	2300	2.5Y 4/2		95.0	1.2	0	0		25.6	0	0	1	0		"
130	2301	2.5Y 3/2		90.0	1.0	0	0		25.5	0	0	1	0		"
130	2302	10YR3/2		95.0	0.6	0	0		27.6	0	0	1	0		CURRENT DOWN RIVER ABOUT 1/2 KNOT
130	2303	10YR3/2		95.0	0.5	0	0		26.0	0	0	0	0		"
130	2304A	10YR5/6			0.5	0	0			0	0	1	1		TAKEN IN RIPPLES
130	2304B	"			0.5	0	0			0	0	1	1		TAKEN IN RIPPLED AREA
130	2304C	"			0.5	0	0			0	0	1	1		TAKEN IN RIPPLED AREA
130	2304D	"				0	0			0	0	1	1		OUTSIDE OF RIPPLED AREA
130	2305	5Y 5/4		25.0	6.0	0	0		23.1	0	0	1	0		"
130	2306	10YR4/4		30.0	4.0	0	0			0	0	1	0		"
130	2307	5Y 4/2		15.0	9.0	0	0		23.3	0	0	1	0		"
130	2308	7.5Y 4/4		15.0	11.0	0	0			0	0	1	0		"
130	2309	7.5Y 5/4		12.0	13.0	0	0		23.1	0	0	1	0		"
130	2310	2.5Y 5/6		10.0	10.0	0	0		23.2	0	0	0	0		PLANTS CAUSE SMALL SAMPLES
130	2311	2.5Y 4/4		10.0	11.0	0	0		23.0	0	0	0	0		SAMPLE WASHED
130	2312	5Y 4/2		5.0		0	0		23.1	0	0	1	0		"
130	2313	7.5Y 4/2				0	0		23.3	0	0	1	0		"
130	2314	7.5Y 4/2		25.0	5.0	0	0			0	0	1	0		"
130	2315	7.5Y 4/2		25.0	5.0	0	0		21.1	0	0	1	0		"
130	2316	2.5Y 4/4		10.0	9.0	0	0		22.4	0	0	1	0		"
130	2317	2.5Y 4/2		10.0	14.0	0	0			0	0	1	0		"
130	2318	2.5Y 4/4		10.0	14.0	0	0		21.8	0	0	1	0		"
130	2319	7.5Y 3/2		8.0	13.0	0	0		22.0	0	0	1	0		"
130	2320	7.5Y 5/2		15.0	11.0	0	0		22.3	0	0	1	0		"
130	2321	7.5Y 3/2		10.0	10.0	0	0		22.1	0	0	1	0		SURFACE WASHED, PROBABLY NO EFFECT ON SIZE DISTR.
130	2322	7.5Y 3/2		15.0	10.0	0	0		21.6	0	0	0	0		"
130	2323	7.5Y 4/2				0	0		19.5	0	0	1	0		"
130	2324	7.5Y 3/2				0	0		17.5	0	0	1	0		"
130	2325	2.5Y 4/4				0	0		18.0	0	0	1	0		"
130	2326	10YR5/6				0	0		18.0	0	0	0	0		"
130	2327	2.5Y 5/4				0	0		18.5	0	0	1	0		"
130	2328	7.5Y 4/2				0	0		18.1	0	0	1	0		"
130	2329	2.5Y 5/6				0	0		17.5	0	0	1	0		ON TOPOGRAPHIC SPUR PROJECTING EASTWARD
130	2330	10Y 4/2		35.0		0	0		16.2	0	0	1	0		"
130	2331	5Y 5/4		40.0	5.0	0	0		16.1	0	0	1	0		"
130	2332	7.5Y 3/2		30.0		0	0		18.3	0	0	1	0		"
130	2333	7.5Y 4/2		60.0	3.0	0	0		18.3	0	0	1	0		"
130	2334	"				0	0			0	0	0	0		"
130	2335	"				7	0			1	1	1	0		CURRENT METER
130	2336	"				0	0		29.0	1	0	1	0		"
130	2337	"				5	0		29.1	1	0	1	0		"
130	2338 A	"				0	0		29.0	1	1	1	0		"
130	2338 B	"				0	0		29.0	1	1	1	0		"
130	2339	"				0	0		28.1	1	0	0	0		"
130	2340	"				0	0		28.0	1	0	0	0		"
130	2341	"		3.0		0	0		28.0	1	0	1	0		"
130	2342	"		1.5		5	4		28.0	1	0	1	0		CURRENT METER
130	2343	"		1.5		5	2		28.3	1	1	1	0		"
130	2344	"				0	0		27.7	1	0	1	0		"
130	2345	"				0	0		27.7	1	0	1	0		"
130	2346	"		1.5		5	3		28.2	1	0	1	0		"
130	2347 A	"		1.5		0	0		29.2	1	0	1	0		"
130	2347 B	"		1.5		0	0		29.2	1	0	1	0		"
130	2348	"		1.5		5	3		28.1	1	1	1	0		"
130	2349	"		1.5		0	0		28.2	1	0	1	0		"
130	2350	"				0	0		27.9	1	0	1	0		"
130	2351	"				0	0		28.8	1	0	1	0		"
130	2352	"				5	4		28.9	1	0	1	0		"
130	2353	"				0	0		29.5	1	0	1	0		"
130	2354	"		1.5	34.0	5	3		29.2	1	1	1	0		"
130	2355A	"				0	0			0	0	0	0	0	"
130	2355B	"				0	0			0	0	0	0		"
130	2355C	"				0	0			0	0	0	0		"
130	2356	"				0	0		28.0	1	0	1	0		"
130	2357	"		1.5		0	0		28.2	1	0	1	0		"
130	2358	"		1.5		5	2		28.2	1	0	1	0		"
130	2359	"				0	0		29.5	1	0	1	0		"
130	2360	"				5	2			1	1	1	0		1 PT. ORIGINAL SPILT+LOST IN STORM
130	2361	"				0	0		29.2	1	0	1	0		"
130	2362	"				0	0		29.0	1	0	1	0		"
130	2363	"				0	0		29.1	1	0	1	0		"

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CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	PLK	ARC	SPT R	NOTES
130	2364	•		1.5	40.0	5	1		28.8	1	0	1	0	•
130	2365	•		1.5	40.0	0	0		30.7	1	0	1	0	•
130	2366	•				0	0		30.0	1	0	1	0	•
130	2367	•				8	2		29.8	1	1	1	0	•
130	2368	•				0	0		29.5	1	0	1	0	•
130	2369	•				0	0		29.2	1	0	1	0	•
130	2370	•		1.5		5	0		29.2	1	0	1	0	•
130	2371	•				0	0		29.0	1	0	1	0	•
130	2372	•				0	0		29.3	1	0	1	0	•
130	2373	•				5	0		29.2	1	1	1	0	1 PINT SPILT AND LOST IN STORM
130	2374	•				0	0		28.5	1	0	1	0	•
130	2375	•				0	0			1	0	0	0	•
130	2376	•		1.5	26.0	7	0		28.8	1	0	1	0	•
130	2377	•				0	0		29.0	1	0	0	0	•
130	2378	•				0	0		29.2	1	0	1	0	•
130	2379	•				5	3		29.1	1	1	1	0	•
130	2380	•				0	0		28.7	1	0	1	0	•
130	2381	•				0	0		29.0	1	0	1	0	•
130	2382	•				0	0		28.2	1	0	0	0	•
130	2383	•		1.5	15.0	5	1		28.2	1	0	1	0	•
130	2384	•				0	0		28.5	1	0	1	0	•
130	2385	•		2.5		0	0		29.9	1	0	1	0	•
130	2386	•				5	1		29.9	1	1	1	1	1 PT. SPECIAL MN NODULES SAVED
130	2387	•				0	0			1	0	0	0	•
130	2388	•				0	0		29.5	1	0	0	0	•
130	2389	•				0	0		29.3	1	0	1	0	•
130	2390	•				0	0		29.2	1	0	0	1	1 PT. SPECIAL MN NODULES SAVED
130	2391	•				7	0		28.8	1	0	0	0	•
130	2392	•				0	0		29.3	1	0	1	0	•
130	2393	•				7	0		29.0	1	0	1	0	•
130	2394	•			10.0	0	0		29.0	1	0	1	0	•
130	2395	•				0	0		29.0	1	0	1	0	•
130	2396	•				0	0		29.5	1	0	1	0	•
130	2397	•		1.5	20.0	7	3		29.3	1	0	0	0	MOST OF SAND WASHED OUT, HARD BOTTOM INDICATED
130	2398	•				0	0		29.3	1	0	0	0	•
130	2399	•				0	0		28.7	1	1	0	0	•
130	2400	•				0	0			0	0	0	0	START AMPHIOXUS RUNS, PINT ORIGINA GN SEDIMENT SAVED
130	2401	•		20.0		0	0			0	0	0	0	AMPHIOXUS RUN
130	2402	•		20.0		0	0		25.8	0	0	0	0	AMPHIOXUS RUN
130	2403	•		15.0		0	0		25.6	0	0	0	0	AMPHIOXUS RUN
130	2404	•				0	0		25.6	0	0	0	0	AMPHIOXUS RUN
130	2405	•		10.0		0	0		25.8	0	0	0	0	AMPHIOXUS RUN
130	2406	•				0	0		25.5	0	0	0	0	AMPHIOXUS RUN
130	2407	•				0	0		25.7	0	0	0	0	AMPHIOXUS RUN
130	2408	•				0	0		26.2	0	0	0	0	AMPHIOXUS RUN
130	2409	•				0	0		26.1	0	0	0	0	AMPHIOXUS RUN
130	2410	•				0	0		26.5	0	0	0	0	AMPHIOXUS RUN
130	2411	•				0	0		26.8	0	0	0	0	LAST AMPHIOXUS RUN
130	2412	•				5	0		29.5	1	0	1	0	CURRENT METER
130	2413	•				0	0		29.2	1	0	1	0	•
130	2414	•				0	0		29.0	1	0	1	0	HURRICANE BETSY COMING
130	2415	•				0	0		28.9	1	0	1	0	•
130	2416	•				0	0		27.0	1	0	1	0	•
130	2417	•				0	0		27.7	1	0	0	0	•
130	2418	•				0	0			0	0	0	0	•
130	2419	•		12.0	17.0	0	0		27.9	0	0	0	0	•
130	2420	•				0	0		27.8	0	0	0	0	START AMPHIOXUS RUNS INTO JACKSNVILLE
130	2421	•				0	0		27.7	0	0	0	0	AMPHIOXUS RUN
130	2422	•				0	0		27.7	0	0	0	0	AMPHIOXUS RUN
130	2423	•				0	0		27.6	0	0	0	0	AMPHIOXUS RUN
130	2424	•				0	0		27.7	0	0	0	0	AMPHIOXUS RUN
130	2425	•				0	0		27.8	0	0	0	0	AMPHIOXUS RUN
130	2426	•				0	0		27.6	0	0	0	0	AMPHIOXUS RUN
130	2427	•				0	0		27.3	0	0	0	0	AMPHIOXUS RUN
130	2428	•				0	0		27.2	0	0	0	0	AMPHIOXUS RUN
130	2429	•				0	0		27.0	0	0	0	0	AMPHIOXUS RUN, LAST ONE
130	2430	•				0	0		28.8	1	0	1	0	•
130	2431	•		3.5	8.7	0	0		29.0	1	0	1	0	•
130	2432	•		3.5	11.0	0	0		29.3	1	0	1	1	1 PT. SPECIAL CORAL SAMPLE SAVED
130	2433	•		10.0		0	0		28.8	1	0	1	0	•
130	2434	•				5	4		27.9	1	1	1	0	•
130	2435	•				0	0		27.9	1	0	1	0	•
130	2436	•				0	0			0	0	1	0	•
130	2437	•				0	0		28.5	1	0	1	0	•
130	2438	•				0	0		28.8	1	0	1	0	•
130	2439	•		2.5	20.0	0	0		28.3	1	0	0	0	•
130	2440	•		2.5	12.0	0	0		28.4	1	0	1	0	•
130	2441	•		1.5	9.5	5	2		28.7	1	0	1	0	CURRENT METER
130	2442	•				0	0		27.9	1	1	1	0	•
130	2443	•				0	0		28.1	1	0	1	0	•
130	2444	•				0	0		28.5	1	0	1	0	•
130	2445	•				0	0		28.4	1	0	1	0	•
130	2446	•		2.5	17.0	0	0		28.3	1	0	1	0	•
130	2447	•				5	6			0	0	1	0	•
130	2448	•		1.5	6.0	0	0		28.7	1	0	1	0	•
130	2449	•				0	0		28.5	1	0	1	0	CURRENT METER
130	2450	•				0	0		28.3	1	1	1	0	STRONG SURFACE CURRENT TO NORTH
130	2451	•				0	0		28.5	1	0	1	0	•
130	2452	•				0	0		28.0	1	0	1	0	•
130	2453	•				0	0		27.7	1	0	1	0	•

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A C	S C	S P	T R	NOTES
130	2454			2.5	21.0	0	0		27.7	1	0	1	0			
130	2455					0	0			0	0	1	0			
130	2456			2.0	16.5	0	0			0	0	1	0			MUCH SEDIMENT WASHED OUT
130	2457					0	0			0	0	1	0			SOME WASHING ON THE WAY UP
130	2458					0	0			0	0	1	1			
130	2459					0	0			0	0	1	0			
130	2460					0	0			0	0	1	0			
130	2461					0	0			0	0	1	0			
130	2462					0	0			0	0	1	0			
130	2463					7	0		28.0	1	0	1	1	0		CURRENT METER
130	2464			2.0	7.5	7	1		28.2	1	0	1	0			CURRENT METER
130	2465					7	1		27.2	1	1	1	0			CURRENT METER
130	2466					0	0			0	0	1	0			
130	2467					0	0			0	0	1	0			
130	2468					0	0			0	0	1	0			
130	2469			2.0	23.0	7	4			0	0	1	0			
130	2470			2.0		0	0			0	0	1	0			
130	2471					0	0			0	0	1	0			
130	2472					7	4			0	1	1	0			
130	2473					0	0			0	0	1	0			
130	2474	A				0	0			0	0	1	0			
130	2474	B				0	0			0	0	1	0			
130	2475					0	0			0	0	1	0			
130	2476					0	0			0	0	1	0			
130	2477					0	0			0	0	1	0			
130	2478			2.0		7	5			0	0	1	0			
130	2479					7	1			0	1	1	0			CURRENT METER
130	2480					7	5			0	0	0	0			
130	2481					0	0			0	0	0	0			
130	2482					0	0			0	0	0	0	0		
130	2483					0	0			0	0	1	0			
130	2484					7	8			0	0	0	0	0		
130	2485					0	0			0	1	0	0			ALL SEDIMENT WASHED OUT, QUERY
130	2486	A				0	0			0	0	0	0			COLLECTED BY CAPT. JACOBSON OF TRAWLER NARRAGANSETT
130	2486	B				0	0			0	0	0	0			COLLECTED BY CAPT. JACOBSON OF TRAWLER NARRAGANSETT
130	2487					0	0			0	0	0	0	0		
130	2488					0	0			0	0	0	0	0		
130	2489					0	0			0	0	0	0	0		ECHO SOUND 375 FMS PROBABLY MISSED BOTTOM
130	2490					0	0			0	0	0	0	0		
130	2491	A				0	0			0	0	0	0			
130	2491	B				0	0			0	0	0	0			
130	2492	A				0	0			0	0	0	0			
130	2492	B				0	0			0	0	0	0			
130	2493					0	0			0	0	0	0	0		
130	2494					7	1			0	0	0	0	0		
130	2495			4.0		0	0			0	0	1	0			
130	2496					0	0			0	0	1	0			
130	2497					0	0			0	0	1	0			SHARP BITES AT 150 FMS. HAUL UP EARLY
130	2498					0	0			0	0	0	0	0		LOST DREDGE
130	2499	A				0	0			0	0	0	0			ON BOTTOM 0.5 MI. NE OF LAST DREDGE STATION
130	2499	B				0	0			0	0	0	0			ON BOTTOM 0.5 MI. NE OF LAST DREDGE STATION
130	2500					0	0			0	0	0	0			
130	2501	K				0	0			1	0	0	0			
130	2501	M				02	1			1	0	0	0			BAG TORN. DREDGE EMPTY.
130	2501	O				0	0			1	0	0	0			
130	2502	K				02	1			1	0	0	0			
130	2502	M				02	1			1	0	0	0			SPONGE IN DREDGE. NO PHOTO.
130	2502	O				0	0			1	0	0	0			
130	2502	P				0	0			1	0	0	0			
130	2503	A				0	0			1	0	0	0			
130	2503	B				0	0			1	0	0	0			1/4 MI EAST
130	2503	C				0	0			1	0	0	0			
130	2503	D				0	0			1	0	0	0			
130	2503	E				0	0			1	0	0	0			
130	2503	F				0	0			1	0	0	0			
130	2503	G				0	0			1	0	0	0			
130	2503	H				0	0			1	0	0	0			
130	2503	I				0	0			1	0	0	0			
130	2503	J				0	0			1	0	0	0			
130	2503	K				02	1			1	0	0	0			1/4 TOTAL CATCH PHOTOGRAPHED.
130	2503	M				02	1			1	0	0	0			10 LITERS OF FISH. NO ROCKS IN SUBSTRATE.
130	2503	O				0	0			1	0	0	0			
130	2503	P				0	0			1	0	0	0			
130	2504	K				02	1			1	0	0	0			
130	2504	M				02	1			1	0	0	0			ILLEX NOT IN PHOTO.
130	2504	O				0	0			1	0	0	0			
130	2504	P				0	0			1	0	0	0			
130	2505	A				0	0			1	0	0	0			
130	2505	B				0	0			1	0	0	0			
130	2505	C				0	0			1	0	0	0			
130	2505	D				0	0			1	0	0	0			
130	2505	E				0	0			1	0	0	0			
130	2505	F				0	0			1	0	0	0			
130	2505	G				0	0			1	0	0	0			
130	2505	H				0	0			1	0	0	0			
130	2505	I				0	0			1	0	0	0			
130	2505	J				0	0			1	0	0	0			
130	2505	K				02	1			1	0	0	0			
130	2505	L				02	1			1	0	0	0			DREDGE FULL OF SUBSTRATE.
130	2505	M				02	1			1	0	0	0			

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	2505	N	•				0	0			1	0	0	0	•	
130	2505	O	•				0	0			1	0	0	0	0	NO SAMPLE.
130	2505	P	•				0	0			1	0	0	0	•	
130	2505	R	•				8	1			1	0	0	0	0	CAMERA DID NOT SEEM TO HAVE TOWED ON BOTTOM.1HR TOW
130	2506	K	•				01	1			1	0	0	0	•	
130	2506	M	•				01	1			1	0	0	0		ODOMETER NOT WORKING.
130	2506	O	•				0	0			1	0	0	0	•	
130	2506	P	•				0	0			1	0	0	0	•	
130	2507	A	•				0	0			1	0	0	0	•	
130	2507	B	•				0	0			1	0	0	0	•	
130	2507	C	•				0	0			1	0	0	0	•	
130	2507	D	•				0	0			1	0	0	0	•	
130	2507	E	•				0	0			1	0	0	0	•	
130	2507	F	•				0	0			1	0	0	0	•	
130	2507	G	•				0	0			1	0	0	0	•	
130	2507	H	•				0	0			1	0	0	0	•	
130	2507	I	•				0	0			1	0	0	0	•	
130	2507	J	•				0	0			1	0	0	0	•	
130	2507	K	•				01	1			1	0	0	0	•	
130	2507	L	•				01	1			1	0	0	0		DREDGE FULL OF MUD. WASHED BEFORE PROCESSING.
130	2507	M	•				01	0			1	0	0	0		ODOMETER INCORRECT.
130	2507	N	•				0	0			1	0	0	0	•	
130	2507	O	•				0	0			1	0	0	0	•	
130	2507	P	•				0	0			1	0	0	0	•	
130	2507	R	•				8	1			1	0	0	0		CAMERA FAILED. NO PHOTOS.
130	2508	K	•				02	1			1	0	0	0	•	
130	2508	M	•				02	1			1	0	0	0		ONE LOBSTER IN DREDGE NOT PRESERVED. OD METER UNREL
130	2508	O	•				0	0			1	0	0	0		MUCH SHELL HASH
130	2508	P	•				0	0			1	0	0	0	•	
130	2509	A	•				0	0			1	0	0	0	•	
130	2509	B	•				0	0			1	0	0	0	•	
130	2509	C	•				0	0			1	0	0	0	•	
130	2509	D	•				0	0			1	0	0	0	•	
130	2509	E	•				0	0			1	0	0	0	•	
130	2509	F	•				0	0			1	0	0	0	•	
130	2509	G	•				0	0			1	0	0	0	•	
130	2509	H	•				0	0			1	0	0	0	•	
130	2509	I	•				0	0			1	0	0	0	1	ISOPOD FOUND.
130	2509	J	•				0	0			1	0	0	0	•	
130	2509	K	•				0	0			1	0	0	0	•	
130	2509	L	•				0	0			1	0	0	0		DREDGE EMPTY
130	2509	M	•				0	0			1	0	0	0		STARFISH WAS ONLY ITEM IN DREDGE.
130	2509	N	•				0	0			1	0	0	0	•	
130	2509	O	•				0	0			1	0	0	0	•	
130	2509	P	•				0	0			1	0	0	0	•	
130	2510	M	•				02	1			1	0	0	0		1/4 INCH NYLON LINER IN BAG OF DREDGE
130	2510	O	•				0	0			1	0	0	0	•	
130	2510	P	•				0	0			1	0	0	0	•	
130	2511	A	•				0	0			1	0	0	0	•	
130	2511	B	•				0	0			1	0	0	0	•	
130	2511	C	•				0	0			1	0	0	0	•	
130	2511	D	•				0	0			1	0	0	0	•	
130	2511	E	•				0	0			1	0	0	0	•	
130	2511	F	•				0	0			1	0	0	0	•	
130	2511	G	•				0	0			1	0	0	0	•	
130	2511	H	•				0	0			1	0	0	0	•	
130	2511	I	•				0	0			1	0	0	0		SMALL PIECE OF BEDROCK(QUERY) SAVED SEPARATLY.
130	2511	J	•				0	0			1	0	0	0	•	
130	2511	L	•				0	0			1	0	0	0	•	
130	2511	M	•				0	0			1	0	0	0	•	
130	2511	N	•				0	0			1	0	0	0		1/4 INCH LINER IN BAG
130	2511	O	•				0	0			1	0	0	0		NET FILLED WITH MUD.WASHED BEFORE BIOL PROCESS.
130	2511	P	•				0	0			1	0	0	0	•	
130	2512	K	•				02	1			1	0	0	0	•	
130	2512	M	•				02	1			1	0	0	0	•	
130	2512	O	•				0	0			1	0	0	0	•	
130	2512	P	•				0	0			1	0	0	0	•	
130	2513	A	•				0	0			1	0	0	0	•	
130	2513	K	•				0	0			1	0	0	0	•	
130	2513	M	•				02	1			1	0	0	0		SAVED 2% STARFISH, 25% CRABS, 100% OF REST.
130	2513	O	•				0	0			1	0	0	0	•	
130	2513	P	•				0	0			1	0	0	0	•	
130	2514	A	•				0	0			1	0	0	0	•	
130	2514	K	•				02	1			1	0	0	0	•	
130	2514	M	•				02	1			1	0	0	0	•	
130	2514	O	•				0	0			1	0	0	0	•	
130	2514	P	•				0	0			1	0	0	0		SAVED 100CC OF SAMPLE.
130	2515	A	•				0	0			1	0	0	0	•	
130	2515	K	•				02	1			1	0	0	0	•	
130	2515	M	•				02	1			1	0	0	0	•	
130	2515	O	•				0	0			1	0	0	0	•	
130	2515	P	•				0	0			1	0	0	0		DREDGE EMPTY
130	2516	Q	•				0	0			0	0	0	0	•	
130	2517	Q	•				0	0			0	0	0	0	•	
130	2518	Q	•				0	0			0	0	0	0	•	
130	2519	Q	•				0	0			0	0	0	0	•	
130	2520	Q	•				0	0			0	0	0	0	•	
130	2521	Q	•				0	0			0	0	0	0	•	
130	2522	Q	•				0	0			0	0	0	0	•	
130	2523	Q	•				0	0			0	0	0	0	•	

CODE #	STATION #	COLOR (WET)	ADD. CLR INP	PAREL	SEC CHI	P HW 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	2524 Q	*				0	0			0	0	0	0	*	
130	2525 Q	*				0	0			0	0	0	0	*	
130	2526 A	*				0	0			1	0	0	0	*	
130	2526 K	*				02	1			1	0	0	0	*	1/2 INCH NYLON LINER USED.
130	2526 M	*				02	1			1	0	0	0	*	ALSO LOBSTER CARAPACE OF 14CM + EGG CASES.
130	2526 0	*				0	0			1	0	0	0	*	
130	2526 P	*				0	0			1	0	0	0	*	
130	2527 A	*				0	0			1	0	0	0	*	
130	2527 K	*				0	0			1	0	0	0	*	ALSO 4-5 ARCTICA SHELLS.
130	2527 M	*				02	1			1	0	0	0	*	ALSO 10-12 LEPTASTERIAS + BUCCINUM AND LUNATIA EGGS
130	2527 0	*				0	0			1	0	0	0	*	
130	2527 P	*				0	0			1	0	0	0	*	
130	2528 A	*				0	0			1	0	0	0	*	
130	2528 K	*				02	1			1	0	0	0	*	1/4 IN LINER USED. NET FULL.
130	2528 M	*				02	3			1	0	0	0	*	DREDGE 1/2 FULL. ARCTICA SHELLS EXAMED FOR DRILLING
130	2528 0	*				0	0			1	0	0	0	*	
130	2528 P	*				0	0			1	0	0	0	*	
130	2529 A	*				0	0			1	0	0	0	*	
130	2529 K	*				02	1			1	0	0	0	*	HIGH PROPORTION OF ARCTICA W/ DRILL HOLES.
130	2529 M	*				02	1			1	0	0	0	*	FISH-RDHAKE,GRSOLE,LHSCLPIN,WHITING,GSFISH.
130	2529 0	*				0	0			1	0	0	0	*	
130	2529 P	*				0	0			1	0	0	0	*	
130	2530 A	*				0	0			1	0	0	0	*	
130	2530 K	*				0	0			1	0	0	0	*	FISH-DABS,SKATES,4SP-FLNDR,HAKE,GSFISH,LH-SCULPIN
130	2530 M	*				0	0			1	0	0	0	*	
130	2530 0	*				0	0			1	0	0	0	*	
130	2530 P	*				0	0			1	0	0	0	*	
130	2531 A	*				0	0			1	0	0	0	*	
130	2531 K	*				02	1			1	0	0	0	*	
130	2531 M	*				02	1			1	0	0	0	*	HOMARUS CARPPACE-6CM. FAILED TO KEEP OCTUPUS ALIVE.
130	2531 0	*				0	0			1	0	0	0	*	
130	2531 P	*				0	0			1	0	0	0	*	DREDGE EMPTY
130	2532 A	*				0	0			1	0	0	0	*	
130	2532 K	*				02	1			1	0	0	0	*	99% SHELL. GRENADIERS SAVED.
130	2532 M	*				02	1			1	0	0	0	*	40% SHELL
130	2532 0	*				0	0			1	0	0	0	*	
130	2532 P	*				0	0			1	0	0	0	*	
130	2533 A	*				0	0			1	0	0	0	*	
130	2533 K	*				02	1			1	0	0	0	*	95% SHELL
130	2533 M	*				02	1			1	0	0	0	*	50% SHELL. HYDRACTINIA ON BUCCINUM SHELL.
130	2533 0	*				0	0			1	0	0	0	*	
130	2533 P	*				0	0			1	0	0	0	*	DREDGE EMPTY.
130	2534 A	*				0	0			1	0	0	0	*	
130	2534 K	*				02	1			1	0	0	0	*	
130	2534 M	*				02	1			1	0	0	0	*	GSFSH,GY-SOLE,RD-HAKE,4SP-FLNDR,WHTING,LH-SCLPN,SKT
130	2534 0	*				0	0			1	0	0	0	*	
130	2534 P	*				0	0			1	0	0	0	*	NO SAMPLE. DREDGE FOULED IN ODOMETER.
130	2534 R	*				8	1			1	0	0	0	*	CAMERA SLED TOWED 1HR AT 1.5 KNTS. NO PHOTOS
130	2535 A	*				0	0			1	0	0	0	*	
130	2535 K	*				02	1			1	0	0	0	*	40% SHELL.
130	2535 M	*				02	1			1	0	0	0	*	ALSO BUCCINUM EGG CASES
130	2535 0	*				0	1			1	0	0	0	*	LARGE AMT OF SAND IN NET.SEA HORSE PUT IN AQUARIUM.
130	2535 P	*				0	0			1	0	0	0	*	
130	2535 R	*				8	1			1	0	0	0	*	CAMERA TOWED 30MIN.ONLY 20 EXPOSURES GOOD.
130	2536 A	*				0	0			1	0	0	0	*	
130	2536 K	*				02	1			1	0	0	0	*	80% SHELL
130	2536 M	*				02	1			1	0	0	0	*	50% SHELL
130	2536 0	*				0	0			1	0	0	0	*	
130	2536 P	*				0	0			1	0	0	0	*	
130	2537 A	*				0	0			1	0	0	0	*	
130	2537 K	*				02	1			1	0	0	0	*	80% SHELL,15%SUBSTRATE.
130	2537 M	*				02	1			1	0	0	0	*	75% SHELL
130	2537 0	*				0	1			1	0	0	0	*	
130	2537 P	*				0	0			1	0	0	0	*	
130	2538 A	*				0	0			1	0	0	0	*	
130	2538 K	*				02	2			1	0	0	0	*	50% SAND
130	2538 M	*				02	2			1	0	0	0	*	50% SHELL ALSO LONG.HORNED SCULPIN.
130	2538 0	*				0	0			1	0	0	0	*	
130	2538 P	*				0	0			1	0	0	0	*	
130	2539 A	*				0	0			1	0	0	0	*	
130	2539 K	*				0	0			1	0	0	0	*	99% SHELL
130	2539 M	*				02	2			1	0	0	0	*	FISH-LHSCULPIN,RD-HAKE,BD-SKATE,4SP-FLNDR. %95 SHLL
130	2539 0	*				0	0			1	0	0	0	*	
130	2539 P	*				0	0			1	0	0	0	*	
130	2540 A	*				0	0			1	0	0	0	*	
130	2540 K	*				02	1			1	0	0	0	*	
130	2540 M	*				02	2			1	0	0	0	*	2 LITER OF ANIMALS.(LIVE).
130	2540 0	*				0	0			1	0	0	0	*	
130	2540 P	*				0	0			1	0	0	0	*	
130	2541 A	*				0	0			1	0	0	0	*	
130	2541 K	*				02	1			1	0	0	0	*	60% SUBSTRATE-SHELL.
130	2541 M	*				02	1			1	0	0	0	*	60% SHELL. ALSO ILLEX,SEA URCHIN,PAGURUS,LPTASTER.
130	2541 0	*				0	0			1	0	0	0	*	
130	2541 P	*				0	0			1	0	0	0	*	
130	2542 A	*				0	0			1	0	0	0	*	
130	2542 K	*				02	2			1	0	0	0	*	75% SHELL-SUBSTRATE.
130	2542 M	*				02	2			1	0	0	0	*	GSFSH,YELTL,LH-SCLPN,SKATES,E PARM,S URCH,LPAST,AST
130	2542 0	*				0	0			1	0	0	0	*	
130	2542 P	*				0	0			1	0	0	0	*	
130	2542 R	*				8	1			1	0	0	0	*	CAM TOW 15 MIN,60 EXPOS.WATER IN CASE,BUT STILL OK

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	2543	A	•				0	0			1	0	0	0	•	
130	2543	B	•				0	0			1	0	0	0	•	
130	2543	C	•				0	0			1	0	0	0	•	GRAB LEACHED SOMEWHAT UPON RETRIEVAL.(ALL COLLECTN)
130	2543	D	•				0	0			1	0	0	0	•	25 CC OF FORAMS SAVED IN EACH COLLECTION
130	2543	E	•				0	0			1	0	0	0	•	
130	2543	F	•				0	0			1	0	0	0	•	
130	2543	G	•				0	0			1	0	0	0	•	KINDS OF ANIMALS FOUND IS TOTAL OF ALL 10 COLLECTNS
130	2543	H	•				0	0			1	0	0	0	•	
130	2543	I	•				0	0			1	0	0	0	•	
130	2543	J	•				0	0			1	0	0	0	•	
130	2543	K	•				02	1			1	0	0	0	•	60% SHELL
130	2543	L	•				02	1			1	0	0	0	•	65% SHELL
130	2543	M	•				02	1			1	0	0	0	•	
130	2543	N	•				0	0			1	0	0	0	•	
130	2543	O	•				0	0			1	0	0	0	•	
130	2543	P	•				0	0			1	0	0	0	•	
130	2543	R	•				0	0			1	0	0	0	•	TOWED 30 MIN W/ 200 EXPOSURES. NO PHOTOS.
130	2544	A	•				8	1			1	0	0	0	•	
130	2544	K	•				02	1			1	0	0	0	•	75% SHELL.
130	2544	M	•				02	1			1	0	0	0	•	60% SHELL. ALSO BUCCINUM EGGS,PLCPCTN,ARCTICA SHLS
130	2544	O	•				0	0			1	0	0	0	•	
130	2544	P	•				0	0			1	0	0	0	•	
130	2544	R	•				8	1			1	0	0	0	•	TOWED 30MIN W/ 112 EXPOSURES. BEST PHOTO RESULTS
130	2545	A	•				0	0			1	0	0	0	•	
130	2545	K	•				02	1			1	0	0	0	•	90% SHELL
130	2545	M	•				02	1			1	0	0	0	•	5% SHELL(MOSTLY ARCTICA).RICH AND VARIED FAUNA.
130	2545	O	•				0	0			1	0	0	0	•	
130	2545	P	•				0	0			1	0	0	0	•	
130	2545	R	•				8	1			1	0	0	0	•	FILM JAMMED IN CAMERA. ONLY 20 PHOTOS GOOD
130	2546	A	•				0	0			1	0	0	0	•	
130	2546	K	•				02	1			1	0	0	0	•	90% OF SAMPLE WAS GRAVEL.
130	2546	M	•				02	1			1	0	0	0	•	95% OF SAMPL WAS COBBLES +BOULDERS.
130	2546	O	•				0	0			1	0	0	0	•	
130	2546	P	•				0	0			1	0	0	0	•	
130	2547	A	•				0	0			1	0	0	0	•	
130	2547	K	•				02	1			1	0	0	0	•	99% OF SAMPLE SHELL + SUBSTRATE
130	2547	M	•				02	1			1	0	0	0	•	50% SHELL
130	2547	O	•				0	0			1	0	0	0	•	
130	2547	P	•				0	0			1	0	0	0	•	
130	2548	A	•				0	0			1	0	0	0	•	
130	2548	K	•				02	1			1	0	0	0	•	10L ANIMALS.RICH AND VARIED IN FAUNA. NO FISH.
130	2548	M	•				02	1			1	0	0	0	•	50L ANIMALS.RICH AND VARIED IN FAUNA. NO FISH.
130	2548	O	•				0	0			1	0	0	0	•	
130	2548	P	•				0	0			1	0	0	0	•	
130	2549	A	•				0	0			1	0	0	0	•	
130	2549	K	•				02	2			1	0	0	0	•	50 LITERS OF SUBSTRATE.
130	2549	M	•				02	2			1	0	0	0	•	50 LITERS OF SUBSTRATE.
130	2549	O	•				0	0			1	0	0	0	•	
130	2549	P	•				0	0			1	0	0	0	•	
130	2550	A	•				0	0			1	0	0	0	•	
130	2550	K	•				02	1			1	0	0	0	•	40% SHELL + SUBSTRATE
130	2550	M	•				02	1			1	0	0	0	•	40 LITERS OF ROCKS.
130	2550	O	•				0	0			1	0	0	0	•	
130	2550	P	•				0	0			1	0	0	0	•	DREDGE EMPTY
130	2551	A	•				0	0			1	0	0	0	•	
130	2551	B	•				0	0			1	0	0	0	•	
130	2551	C	•				0	0			1	0	0	0	•	
130	2551	D	•				0	0			1	0	0	0	•	
130	2551	E	•				0	0			1	0	0	0	•	
130	2551	F	•				0	0			1	0	0	0	•	
130	2551	G	•				0	0			1	0	0	0	•	
130	2551	H	•				0	0			1	0	0	0	•	
130	2551	I	•				0	0			1	0	0	0	•	
130	2551	J	•				0	0			1	0	0	0	•	
130	2551	K	•				02	1			1	0	0	0	•	75 LITERS OF SUBSTRATE. 1/4IN NYLON LINER IN BAG.
130	2551	M	•				02	1			1	0	0	0	•	3 LIT OF FISH + 3 LIT OF INVERT ANIMALS.
130	2551	N	•				0	0			1	0	0	0	•	MAY NOT HAVE TOWED BOTTOM.
130	2551	O	•				0	0			1	0	0	0	•	
130	2551	P	•				0	0			1	0	0	0	•	
130	2551	R	•				8	1			1	0	0	0	•	TOWED 30 MIN,250 EXPOS,1.5KNTS. NO PHOTOS
130	2552	A	•				0	0			1	0	0	0	•	
130	2552	K	•				02	2			1	0	0	0	•	1/3 SHELL.
130	2552	M	•				02	1			1	0	0	0	•	75L OF FISH
130	2552	O	•				0	0			1	0	0	0	•	NET TORN BADLY(DISCARDED).
130	2552	P	•				0	0			1	0	0	0	•	
130	2553	A	•				0	0			1	0	0	0	•	
130	2553	K	•				02	4			1	0	0	0	•	95% SUBSTRATE.ALSO NYMPHON,POLYNOID.CRINOIDEA.
130	2553	M	•				02	1			1	0	0	0	•	90% COBBLES.
130	2553	O	•				0	0			1	0	0	0	•	
130	2553	P	•				0	0			1	0	0	0	•	DREDGE EMPTY.
130	2554	A	•				0	0			1	0	0	0	•	
130	2554	K	•				02	2			1	0	0	0	•	2 LITERS OF VERY RICH AND VARIED BENTHIC FAUNA.
130	2554	M	•				02	2			1	0	0	0	•	2 LITERS OF ANIMALS.DREDGE FULL W/ BOULDERS.
130	2554	O	•				0	0			1	0	0	0	•	
130	2554	P	•				0	0			1	0	0	0	•	
130	2555	A	•				0	0			1	0	0	0	•	
130	2555	K	•				02	1			1	0	0	0	•	NO SAMPLE ON PREVIOUS TOW. 95% ROCKS ON 2ND TOW.
130	2555	M	•				02	4			1	0	0	0	•	1 LITER OF INVERTS. 4L OF FISH. REST.SUBSTRATE.
130	2555	O	•				0	0			1	0	0	0	•	
130	2555	P	•				0	0			1	0	0	0	•	

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL CHI	SEC H 0	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P K	A C	S C	T R	NOTES
130	2556 A				0	0			1	0	0	0		•
130	2556 K				02	1			1	0	0	0		2L OF INVERTS. RICH + VARIED BENTHIC FAUNA.
130	2556 M				02	1			1	0	0	0		DREDGE WAS UPSIDE DOWN.
130	2556 0				0	0			1	0	0	0		•
130	2556 P				0	0			1	0	0	0		•
130	2557 A				0	0			1	0	0	0		•
130	2557 K				02	1			1	0	0	0		2L OF INVERTEBRATES. RICH+VARIED FAUNA.
130	2557 M				02	2			1	0	0	0		4L OF INVERTEBRATES. RICH+VARIED FAUNA.
130	2557 0				0	0			1	0	0	0		RICH IN FAUNA
130	2557 P				0	0			1	0	0	0		•
130	2558 A				0	0			1	0	0	0		•
130	2558 K				02	1			1	0	0	0		50% GRAVEL.
130	2558 M				02	1			1	0	0	0		•
130	2558 0				0	0			1	0	0	0		•
130	2558 P				0	0			1	0	0	0		•
130	2559 A				0	0			1	0	0	0		•
130	2559 K				02	2			1	0	0	0		50% TO 75% GRAVEL IN 3 TOWS.
130	2559 M				02	2			1	0	0	0		1/2 LITER INVERTS. 3 TOWS- ALL UPSIDE DOWN.
130	2559 0				0	0			1	0	0	0		RING NET TORN.
130	2559 P				0	0			1	0	0	0		•
130	2560 A				0	0			1	0	0	0		FAUNA SPARSE
130	2560 K				00	0			1	0	0	0		DREDGE BAG RIPPED. VERY POOR SAMPLE.
130	2560 M				02	1			1	0	0	0		ALSO 1 PLACOPECTEN SHELL.
130	2560 P				0	0			1	0	0	0		•
130	2561 A				0	0			1	0	0	0		SPARSE FAUNA.
130	2561 K				02	2			1	0	0	0		ONLY 1/16 LITER OF INVERTS.
130	2561 M				02	1			1	0	0	0		4L OF FISH;4L OF INVERTS - REST WERE COBBLES.
130	2561 0				0	0			1	0	0	0		•
130	2561 P				0	0			1	0	0	0		•
130	2562 A				0	0			1	0	0	0		•
130	2562 B				0	0			1	0	0	0		•
130	2562 C				0	0			1	0	0	0		•
130	2562 D				0	0			1	0	0	0		•
130	2562 E				0	0			1	0	0	0		•
130	2562 F				0	0			1	0	0	0		•
130	2562 G				0	0			1	0	0	0		•
130	2562 H				0	0			1	0	0	0		•
130	2562 I				0	0			1	0	0	0		•
130	2562 J				0	0			1	0	0	0		•
130	2562 K				02	1			1	0	0	0		1/2 LITER OF INVERTEBRATES REST=SUBSTRATE.
130	2562 M				02	2			1	0	0	0		HAKE 30IN LONG.
130	2562 0				0	0			1	0	0	0		•
130	2562 P				0	0			1	0	0	0		•
130	2562 R				8	1			1	0	0	0		SHORT IN CAMERA MOTOR. NO PHOTOS.
130	2563 A				0	0			1	0	0	0		•
130	2563 K				02	1			1	0	0	0		DREDGE TANGLED IN ODOMETER
130	2563 M				02	2			1	0	0	0		5BU BOULDERS. 1BU OF INVERTS(%90 ACTINAUGE).
130	2563 0				0	0			1	0	0	0		•
130	2563 P				0	0			1	0	0	0		•
130	2564 A				0	0			1	0	0	0		•
130	2564 K				02	1			1	0	0	0		1/2L OF INVERTS
130	2564 M				02	2			1	0	0	0		1L OF INVERTS. 50L OF FISH 5BU=BOULDERS.
130	2564 0				0	0			1	0	0	0		•
130	2564 P				0	0			1	0	0	0		LAST PIPE DREDGE STATION.
130	2565 A				0	0			1	0	0	0		•
130	2565 K				02	1			1	0	0	0		•
130	2565 M				02	1			1	0	0	0		•
130	2565 0				0	0			1	0	0	0		•
130	2566 A				0	0			1	0	0	0		BOTTOM TEMP 41.5F (BULB THERMOMETER).
130	2566 K				02	1			1	0	0	0		1 LITER OF INVERTS
130	2566 M				02	1			1	0	0	0		GERYON W/ EGGS PLACED IN AQUARIA.
130	2566 0				0	0			1	0	0	0		•
130	2567 A				0	0			1	0	0	0		•
130	2567 K				02	1			1	0	0	0		1 L OF INVERTS 12L OF SUBSTATE. SOME SHELL.
130	2567 M				02	1			1	0	0	0		SCALLOP BAG BADLY TORN.
130	2567 0				0	0			1	0	0	0		•
130	2568 A				0	0			1	0	0	0		•
130	2568 K				02	2			1	0	0	0		•
130	2568 M				02	6			1	0	0	0		4LITERS OF ANIMALS INCL/ FILEFISH. REST=BOULDERS.
130	2568 0				0	0			1	0	0	0		•
130	2569 A				0	0			1	0	0	0		2 OTHER SM=MCINT DROPS YIELD NOTHING.
130	2569 K				02	2			1	0	0	0		DREDGE TORN.ONLY PART OF SAMPLE RECOVERED.
130	2569 M				01	8			1	0	0	0		6L OF INVERTS.
130	2569 0				0	0			1	0	0	0		•
130	2570 A				0	0			1	0	0	0		•
130	2570 K				01	9			1	0	0	0		RICH AND VARIED FAUNA.SPONGES VERY ABUNDANT.
130	2570 M				01	2			1	0	0	0		RICH AND VARIED FAUNA.SPONGES VERY ABUNDANT.
130	2570 0				0	0			1	0	0	0		•
130	2571				0	0			0	0	0	0		
130	2572 A				0	0			0	0	1	0		•
130	2572 B				0	0			0	0	0	0		•
130	2573				0	0			0	0	0	0		DREDGE POSSIBLY HUNG UP
130	2574				7	1			0	0	0	0	0	NO SAMPLE. CAMERA LOWERING
130	2575				0	0			0	0	0	0		•
130	2576				0	0			0	0	0	0		
130	2577 A				0	0			0	0	0	0		CONDITION OF SS APPEARS TO INDICATE LOCAL BEDROCK
130	2577 B				0	0			0	0	0	0		•
130	2577 C				0	0			0	0	0	0		•
130	2578				7	1			0	0	0	0	0	NO SAMPLE. CAMERA LOWERING
130	2579				0	0			0	0	0	0		•

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	H 0	P OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	2580	A					0	0			0	0	0	0		
130	2580	B					0	0			0	0	0	0		
130	2580	C					0	0			0	0	0	0		
130	2580	D					0	0			0	0	0	0		
130	2581						0	0			0	0	0	0		MOST OF SAMPLE PROBLY WASHED OUT
130	2582	A					0	0			0	0	0	0		
130	2582	B					0	0			0	0	0	0		
130	2583	A					0	0			0	0	0	0		ECHO SOUNDER SHOWS ROCKY (QUERY) BOTTOM
130	2583	B					0	0			0	0	1	0		
130	2583	C					0	0			0	0	0	0		
130	2584						0	0			0	0	0	0		
130	2585	A					0	0			0	0	0	0		
130	2585	B					0	0			0	0	0	0		
130	2586	A					0	0			0	0	0	0		
130	2586	B					0	0			0	0	0	0		
130	2586	C					0	0			0	0	0	0		
130	2587	A	10Y 4/2				0	0			0	0	0	0		DREDGE SCRAPING. MIGHT BE CONTAMINATE. WINCH TROUB.
130	2587	B	10Y 5/1				0	0			0	0	0	0		DREDGE SCRAPING. MIGHT BE CONTAMINATE. WINCH TROUB.
130	2588						7	1			0	0	0	0	0	NO SAMPLE. CAMERA LOWERING.
130	2589	A	10YR5/1				0	0			0	0	0	0		
130	2589	B	5GY3/1				02	1			0	0	0	0		STUCK TO LIP OF DREDGE
130	2590	A					02	2			0	0	0	0		
130	2590	B					02	2			0	0	0	0		
130	2591						0	0			0	0	1	0		
130	2592						0	0			0	0	1	0		
130	2593	A					0	0			0	0	0	0		
130	2593	B					0	0			0	0	0	0		
130	2593	C					0	0			0	0	0	0		
130	2594						0	0			0	0	1	0		
130	2595						0	0			0	0	0	0		
130	2596	A					0	0			0	0	0	0		
130	2596	B					0	0			0	0	0	0		
130	2597						7	1			0	0	0	0	0	NO SAMPLE=CAMERA LOWERING
130	2598						0	0			0	0	1	0		
130	2599						0	0			0	0	0	0	0	NO SAMPLE
130	2600						0	0			0	0	0	0	0	NO SAMPLE
130	2601						0	0			0	0	0	0	0	NO SAMPLE
130	2602	A					0	0			0	0	1	0		
130	2602	B	10GY5/1				0	0			0	0	1	0		
130	2603						0	0			0	0	0	0	0	NO SAMPLE
130	2604	A					0	0			0	0	0	0		
130	2604	B					0	0			0	0	0	0		
130	2604	C					0	0			0	0	0	0		
130	2604	D					0	0			0	0	0	0		
130	2605						0	0			0	0	1	0		
130	2606						0	0			0	0	1	0		
130	2607						0	0			0	0	1	0		
130	2608	A					0	0			0	0	0	0		
130	2608	B					0	0			0	0	0	0		
130	2608	C					0	0			0	0	0	0		
130	2608	D					0	0			0	0	0	0		
130	2608	E					0	0			0	0	0	0		
130	2608	F					0	0			0	0	0	0		
130	2608	G					0	0			0	0	0	0		
130	2608	H					0	0			0	0	0	0		
130	2609		2.5Y 8/4				0	0			0	0	0	0		
130	2610	A					0	0			0	0	0	0		
130	2610	B					0	0			0	0	0	0		
130	2610	C					0	0			0	0	0	0		
130	2610	D					0	0			0	0	0	0		
130	2611						0	0			0	0	0	0		
130	2612	A					0	0			0	0	0	0		
130	2612	B					0	0			0	0	0	0		
130	2613						7	1			0	0	0	0	0	NO SAMPLE=CAMERA LOWERING
130	2614	A					0	0			0	0	0	0		
130	2614	B					0	0			0	0	0	0		
130	2615						0	0			0	0	0	0	0	NO SAMPLE
130	2616						0	0			0	0	0	0	0	NO SAMPLE
130	2617						0	0			0	0	0	0	0	NO SAMPLE
130	2618						0	0			0	0	0	0	0	NO SAMPLE ONLY A SMEAR OF MUD
130	2619						0	0			0	0	0	0		
130	2620	A					0	0			0	0	0	0		
130	2620	B					0	0			0	0	0	0		
130	2620	C					0	0			0	0	0	0		
130	2620	D					0	0			0	0	0	0		
130	2621	A					0	0			0	0	0	0		
130	2621	B					0	0			0	0	0	0		
130	2621	C					0	0			0	0	0	0		
130	2622						0	0			0	0	0	0		
130	2623						0	0			0	0	0	0		
130	2624						0	0			0	0	0	0		
130	2625	A	7.5Y 6/2				0	0			0	0	0	0		
130	2625	B					0	0			0	0	0	0		
130	2625	C	10Y 4/1				0	0			0	0	0	0		
130	2625	D	10Y 6/1				0	0			0	0	0	0		
130	2625	E					0	0			0	0	0	0		
130	2626	A	10YR4/2				0	0			0	0	0	0		
130	2626	B	10Y 4/2				0	0			0	0	0	0		
130	2627	A					0	0			0	0	0	0		
130	2627	B					0	0			0	0	0	0		

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P W O	NO. OF PHO	AER (C)	OVER. TEMP (C)	S T	P R	A C	B C	S R	NOTES
130	2628		•				7	1				0	0	0	0	0 NO SAMPLE=CAMERA LOWERING
130	2629		•				0	0				0	0	0	0	•
130	2630		•				0	0				0	0	0	0	•
130	2631		•				0	0				0	0	0	0	•
130	2632	A	•				0	0				0	0	0	0	•
130	2632	B	•				0	0				0	0	0	0	•
130	2632	C	•				0	0				0	0	0	0	•
130	2633		•				0	0				0	0	0	0	•
130	2634		•				7	1				0	0	0	0	0 NO SAMPLE=CAMERA LOWERING
130	2635		•				0	0				0	0	0	0	0 NO SAMPLE
130	2636	A	•				0	0				0	0	0	0	•
130	2636	B	•				0	0				0	0	0	0	•
130	2637	A	•				0	0				0	0	0	0	•
130	2637	B	•				0	0				0	0	0	0	•
130	2637	C	•				0	0				0	0	0	0	•
130	2637	D	•				0	0				0	0	0	0	•
130	2638	A	•				0	0				0	0	1	0	•
130	2638	B	•				0	0				0	0	0	0	•
130	2638	C	•				0	0				0	0	0	0	•
130	2638	D	•				0	0				0	0	0	0	•
130	2639		•				0	0				0	0	0	0	•
130	2640	A	10GY5/1				0	0				0	0	1	0	•
130	2640	B	2.5Y 5/2				0	0				0	0	1	0	•
130	2641		•				0	0				0	0	1	0	•
130	2642	A	•				0	0				0	0	1	0	•
130	2642	B	•				0	0				0	0	0	0	•
130	2643		•				0	0				0	0	1	0	H2S ODOR
130	2644		•				0	0				0	0	1	0	H2S ODOR
130	2645	A	•				02	3				0	0	0	0	•
130	2645	B	•				0	0				0	0	0	0	•
130	2645	C	•				0	0				0	0	0	0	•
130	2646	A	•				0	0				0	0	1	0	•
130	2646	B	•				0	0				0	0	1	0	•
130	2646	C	•				0	0				0	0	0	0	•
130	2646	D	•				0	0				0	0	0	0	•
130	2647		•				7	1				0	0	0	0	0 NO SAMPLE=CAMERA LOWERING
130	2648		•				0	0				0	0	1	0	•
130	2649		•				0	0				0	0	0	0	•
130	2650		•				0	0				0	0	1	0	•
130	2651	A	•				0	0				0	0	0	0	•
130	2651	B	•				0	0				0	0	0	0	•
130	2651	C	•				0	0				0	0	0	0	•
130	2652	A	•				0	0		23.3		0	0	0	0	•
130	2652	B	•				0	0		23.3		0	0	0	0	•
130	2652	C	•				0	0		23.3		0	0	0	0	•
130	2652	D	•				0	0		23.3		0	0	0	0	•
130	2652	E	•				0	0		23.3		0	0	0	0	•
130	2652	F	•				0	0		23.3		0	0	0	0	•
130	2652	G	•				0	0		23.3		0	0	0	0	•
130	2652	H	•				0	0		23.3		0	0	0	0	•
130	2652	I	•				0	0		23.3		0	0	0	0	•
130	2652	J	•				0	0		23.3		0	0	0	0	•
130	2652	K	•				0	0		23.3		0	0	0	0	•
130	2652	L	•				0	0		23.3		0	0	0	0	•
130	2653	A	•				0	0				0	0	0	0	•
130	2653	B	•				0	0				0	0	0	0	•
130	2653	C	•				0	0				0	0	0	0	•
130	2654	A	•				0	0				0	0	1	0	•
130	2654	B	•				0	0				0	0	0	0	•
130	2655	A	•				0	0				0	0	1	0	•
130	2655	B	•				0	0				0	0	1	0	•
130	2655	C	•				0	0				0	0	0	0	•
130	2655	D	•				0	0				0	0	0	0	•
130	2656	A	•				0	0				0	0	0	0	•
130	2656	B	•				0	0				0	0	0	0	•
130	2656	C	•				0	0				0	0	0	0	•
130	2656	D	•				0	0				0	0	0	0	•
130	2656	E	•				0	0				0	0	0	0	•
130	2656	F	•				0	0				0	0	1	0	•
130	2657		•				7	1				0	0	0	0	0 NO SAMPLE=CAMERA LOWERING
130	2658	A	•				0	0				0	0	0	0	•
130	2658	B	•				0	0				0	0	0	0	•
130	2659	A	•				0	0				0	0	0	0	•
130	2659	B	•				0	0				0	0	0	0	•
130	2659	C	•				0	0				0	0	0	0	•
130	2659	D	•				0	0				0	0	0	0	•
130	2660	A	•				0	0				0	0	1	0	•
130	2660	B	•				0	0				0	0	1	0	•
130	2660	C	•				0	0				0	0	0	0	•
130	2660	D	•				0	0				0	0	0	0	•
130	2661	A	•				0	0				0	0	0	0	•
130	2661	B	•				0	0				0	0	0	0	•
130	2661	C	•				0	0				0	0	0	0	•
130	2661	D	•				0	0				0	0	0	0	•
130	2661	E	•				0	0				0	0	0	0	•
130	2661	F	•				0	0				0	0	0	0	•
130	2661	G	•				0	0				0	0	0	0	•
130	2661	H	•				0	0				0	0	0	0	•
130	2661	I	•				0	0				0	0	0	0	•
130	2661	J	•				0	0				0	0	0	0	•

CODE #	STATION #		COLOR (WET)	COLOR (DRY)	IND.	FOREL.	SED.	H2S	MUD (%)	SAND (%)	T	R	C	C	R	NOTES
130	2661	K					0	0			0	0	0	0		
130	2662	A					0	0			0	0	0	0		
130	2662	B					0	0			0	0	0	0		
130	2662	C					0	0			0	0	0	0		
130	2663	A					0	0			0	0	1	0		
130	2663	B					0	0			0	0	1	0		
130	2663	C					0	0			0	0	1	0		
130	2663	D					0	0			0	0	0	0		
130	2663	E					0	0			0	0	0	0		
130	2663	F					0	0			0	0	0	0		
130	2664	A					0	0			0	0	0	0		
130	2664	B					0	0			0	0	0	0		
130	2664	C					0	0			0	0	1	0		
130	2665	A					0	0			0	0	0	0		
130	2665	B					0	0			0	0	0	0		
130	2665	C					0	0			0	0	0	0		
130	2665	D					0	0			0	0	0	0		
130	2665	E					0	0			0	0	0	0	0	SAMPLE MISSING
130	2666						7	1			0	0	0	0	0	NO SAMPLE=CAMERA LOWERING
130	2667						0	0			0	0	1	0		
130	2668	A					0	0			0	0	1	0		
130	2668	B					0	0			0	0	1	0		
130	2668	C					0	0			0	0	0	0		
130	2669						0	0			0	0	0	0		44 IN. CORE
130	2670						0	0			0	0	0	0		23 IN. CORE
130	2671						0	0			0	0	0	0		12 IN. CORE
130	2672						0	0			0	0	0	0		8.5 IN. CORE
130	2673						0	0			0	0	0	0		17 IN. CORE
130	2674						0	0			0	0	0	0		24 IN. CORE
130	2675						0	0			0	0	0	0		9 IN. CORE
130	2676						0	0			0	0	0	0		20 IN. CORE
130	2677						0	0			0	0	0	0		8 IN. CORE
130	2678						0	0			0	0	0	0		31 IN. CORE
130	2679						0	0			0	0	0	0		4 IN. CORE
130	2680						0	0			0	0	0	0		38 IN. CORE
130	2681						6	1			0	0	0	0		
130	2682						6	1			0	0	0	0		
130	2683						02	1			0	0	0	0	0	VERY LITTLE SAMPLE, COLLECTED IN PRY BAR
130	2684						02	1			0	0	0	0		ROCK FROM LARGE OUTCROP
130	2685			10YR7/2			02	1			0	0	0	0		NEAR SURFACE OF OUTCROP
130	2686			5Y 7/2			0	0			0	0	0	0		NEAR SURFACE OF OUTCROP
130	2687						0	0			0	0	0	0		ROCK FROM LOW LEDGE OF LIMESTONE
130	2688			10Y 8/1			0	0			0	0	0	0		BELOW SURFACE OF OUTCROP
130	2689						0	0			0	0	0	0		COLLECTED BY FISHING VESSEL DEEP WATERS
130	2690	A					0	0			0	0	0	0		
130	2690	B					0	0			0	0	0	0		
130	2691						0	0			0	0	0	0		
130	2692						0	0			0	0	0	0		PROBABLY CRETACEOUS, BY POSITION
130	2693						0	0			0	0	0	0		COLLECTED W/ CORING TUBE # 6.
130	2694						0	0			0	0	0	0		COLLECTED W/ CORING TUBE # 5.
130	2695						0	0			0	0	0	0		PIECE TALUS PICKED FR. TOP CLIFF ABOVE SAMPLE 2685.
130	2696						0	0			0	0	0	0		FR. OUTCROP IN CLIFF FACE ABOUT 10 DEGREES SE DIP
130	2697						0	0			0	0	0	0		BROKEN FR. PROJECTION OF VERTICAL OUTCROP
130	2698						0	0			0	0	0	0		
130	2699						0	0			0	0	0	0		
130	2700						0	0			0	0	0	0		
130	2701						0	0			0	0	0	0		
130	2702						0	0			0	0	0	0		
130	2703						0	0			0	0	0	0		
130	2704						0	0			0	0	0	0		
130	2705						0	0			0	0	0	0		
130	2706	A					0	0			0	0	0	0		SAMPLE ON ALVIN'S SKIDS WHEN RAISED
130	2706	B					0	0			0	0	0	0		SAMPLE ON ALVIN'S SKIDS WHEN RAISED
130	2707						0	0			0	0	0	0		
130	2708						0	0			0	0	0	0		
130	2709	A					0	0			0	0	0	0		
130	2709	B					0	0			0	0	0	0		
130	2710						0	0			0	0	0	0		SAMPLE LODGED IN RECOVERY APPARATUS OF ALVIN
130	2711						0	0			0	0	0	0		SAMPLE RECOVERED FROM ALVIN
130	2712						0	0			0	0	0	0		MATERIAL FROM ARM
130	2713						0	0			0	0	0	0		MATERIAL FROM RECOVERED BASKET
130	2714						0	0			0	0	0	0		PICKED UP BY GRAPPLING HOOK, DRAGGING FOR MOORING
130	2715						0	0			0	0	0	0		
130	2716						0	0			0	0	0	0	0	MUD STAINS ON DREDGE
130	2717						02	1			0	0	0	0		
130	2718						0	0			0	0	0	0	0	
130	2719						0	0			0	0	0	0		
130	2720						0	0			0	0	0	0	0	
130	2721	A					02	3			0	0	0	0		
130	2721	B					02	3			0	0	0	0		
130	2721	C					02	3			0	0	0	0		
130	2722						02	3			0	0	0	0	0	MOST GRV. PROBABLY FR. TOP OF SLOPE-MOST PULLS AT TOP
130	2723						02	1			0	0	0	0	0	
130	2724						0	0			0	0	0	0	0	
130	2725						0	0			0	0	0	0		
130	2726						0	0			0	0	0	0		
130	2727						0	0			0	0	0	0	0	SEA SHELLS ARE STAINED
130	2728						0	0			0	0	0	0		
130	2729						0	0			0	0	0	0	0	WIRE AS IF GOING OVER SLT-SD. VENEERING GLACIAL DEB.
130	2730						0	0			0	0	0	0		4000LB. PULL-MANEUVER TO PULL UP AND FREE

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H @	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	P B T	L K	A R C	S P C	S T R	NOTES
130	2731					0	0			0	0	0	0		
130	2732					0	0			0	0	0	0		PEBB.STNED.+HAVE GEOPETAL RIM,GLAUC.SS.FRAGS.SAVED
130	2733					7	1			0	0	0	0		CORING TUBE STRUCK HARD RK.AT DEPTH OF ABOUT 8IN.
130	2734					7	1			0	0	0	0		
130	2735					7	1			0	0	0	0		
130	2736					7	1			0	0	0	0		
130	2737					02	1			0	0	0	0		
130	2738					02	1			0	0	0	0		
130	2739					0	0			0	0	0	0	0	NO SAMPLE-DREDGE SNAGGED-FREE AT 430M. ON WIRE
130	2740 A					0	0			0	0	0	0		
130	2740 B					0	0			0	0	0	0		
130	2741 A					02	3			0	0	0	0		
130	2741 B					02	3			0	0	0	0		
130	2741 C					02	3			0	0	0	0		
130	2741 D					02	3			0	0	0	0		
130	2741 E					02	3			0	0	0	0		
130	2741 F					02	3			0	0	0	0		
130	2742					0	0			0	0	0	0		
130	2743					0	0			0	0	0	0		
130	2744					0	0			0	0	0	0		BROKEN OFF OUTCROP-ROCK WAS DEFINITELY IN PLACE
130	2745					0	0			0	0	0	0		SAMPLE TAKEN IN CANYON AXIS
130	2746					0	0			0	0	0	0		TAKEN IN CANYON AXIS, MOST OF SAMPLE WAS LOST
130	2747					2	1			0	0	0	0		COLLECTED FROM BOTTOM PART OF SUBMARINE
130	2748					2	1			0	0	0	0		
130	2749					2	1			0	0	0	0		CORER SHOWED SCRATCHING+POLISHING WHERE TURNED IN
130	2750					2	1			0	0	0	0	0	SAMPLE LOST ON WAY TO SURFACE
130	2751					0	0			0	0	0	0		
130	2752					2	1			0	0	0	0		1ST DRILLED CORE FR. OUTCROP OF INDUR.RK.BY A SUB.
130	2753					2	1			0	0	0	0		
130	2754					2				0	0	0	0		
130	2755 A					2				0	0	0	0		
130	2755 B					2				0	0	0	0		
130	2756					0	0			0	0	0	0		
130	2757					0	0			0	0	0	0		
130	2758					0	0			0	0	0	0		
130	2759					0	0			0	0	0	0		
130	2760					0	0			0	0	1	0		
130	2761					0	0			0	0	1	0		
130	2762A					0	0			0	0	1	0		GRAB NOT FULL AND NOT COMPLETELY CLOSED.FINES LOST
130	2762B				9.0	0	0		16.0	0	0	1	0		FIRST TWO ATTEMPTS WERE WATER HAULS
130	2763				8.5	0	0		15.4	0	0	0	0	0	4 ATTEMPTS,NO SAMPLE, LOST GRAB
130	2764				7.0	0	0		14.8	0	0	0	0		VERY SMALL SAMPLE-PROBABLY NOT REPRESENTATIVE
130	2765				6.0	0	0		14.8	1	0	1	0		WATER SAMPLES TAKEN
130	2766				7.5	0	0		15.5	0	0	1	0		
130	2767				7.5	0	0		15.6	0	0	0	0		ON FIRST ATTEMPT-GRAB RETURNED STILL COCKED
130	2768				8.0	0	0		15.5	0	0	1	0		
130	2769				6.5	0	0		15.0	0	0	0	0		
130	2770				7.5	0	0		14.7	1	0	1	0		WATER SAMPLES TAKEN
130	2771A				8.0	0	0		14.0	0	0	1	0		
130	2771B					0	0			0	0	0	0	0	
130	2772				8.0	0	0		13.6	1	0	1	0		WATER IN NISKIN SAMPLER WAS 4.90 C
130	2773				8.0	0	0		15.5	1	0	1	0		CURRENT FLOWING E. AT ABOUT 3-4 KNOTS
130	2774					0	0			0	0	0	0		POSITION UNCERTAIN
130	2775					0	0			0	0	0	0		POSITION UNCERTAIN
130	2801					0	0			0	0	0	0		ATLANTIS II STATION NO. 1541
130	2802														3 TOWS
130	2803														
130	2804														NO SAMPLE INRINGNET
130	2805														
130	2806														
130	2807														2 TOWS
130	2808														
130	2809														LOST RINGNET
130	2810														
130	2811														
130	2812														
130	2813														
130	2814														
130	2815														
130	2816														3 TOWS FIRSTNO ANIMALS
130	2817														
130	2818														
130	2819														
130	2820														3 TOWS SECOND NO GOOD
130	2821														
130	2822														
130	2823														
130	2824														
130	2825														
130	2826														2 TOWS
130	2827														
130	2828														2 TOWS
130	2829														
130	2830														HUNG UP,DID NOT REPEAT
130	2831														
130	2832														
130	2833														
130	2834														
130	2835														
130	2836														2 TOWS NATURALIST DREDGE POSSIBLY UPSIDEDOWN 1ST TOW

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL CHI	SEC H 0	P NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	P B T	A L K	S R C	S P C	S T R	NOTES
130	2837													2 TOWS
130	2838													
130	2839													2 TOWS
130	2840													2 TOWS LOST RINGNET FIRST TOW
130	2841													
130	2842													
130	2843													
130	2844													
130	2845													
130	2846													
130	2847													
130	2848													NO SAMPLE INRINGNET
130	2849													3 TOWS
130	2850													
130	2851													
130	2852													
130	2853													2 TOWS
130	2854													
130	2855													
130	2856													
130	2857													3 TOWS NO SAMPLE FIRST AND SECOND TOWS
130	2858													2 TOWS SECOND NO GOOD
130	2859													2 TOWS FIRSTNO GOOD
130	2860													
130	2861													
130	2862													2 TOWS
130	2863													
130	2864													
130	2865													
130	2866													
130	2867													
130	2868													
130	2869													
130	2870													
130	2871													
130	2872													
130	2873													
130	2874													
130	2875													
130	2876													
130	2877													
130	2878													MUD TEMP 8 DEGREES C.
130	2879													NOTHING IN DREDGE
130	2880													
130	2881													
130	2882													SED. TEMP 10.5 DEGREES C.
130	2883													
130	2884													
130	2885													
130	2886													
130	2887													
130	2888													2 TOWS LOST NATURALIST DREDGE ON SECOND TOW
130	2889													2 TOWS USED QUAHOG DREDGE ON SECOND
130	2890													
130	2891													LOST RINGNETNO SAMPLE
130	2892													
130	2893													
130	2894													
130	2895													
130	2896													
130	2897													
130	2898													LOST RINGNET
130	2899													
130	2900													
130	2901													
130	2902													2 TOWS
130	2903													
130	2904													
130	2905													
130	2906													2 TOWS SECOND TOW SCALLOP DREDGE HUNG UP
130	2907													
130	2908													
130	2909													
130	2910													2 TOWS
130	2911													
130	2912													
130	2913													
130	2914													
130	2915													
130	2916													2 TOWS
130	2917													
130	2918													
130	2919													
130	2920													
130	2921													
130	2922													
130	2923													
130	2924													
130	2925													2 TOWS SECOND TOW SCALLOP DREDGE HUNG UP
130	2926													

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H Ø PHØ	NØ. OF (C)	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	2927														
130	2928														
130	2929														
130	2930														
130	2931														
130	2932														
130	2933														
130	2934														
130	2935														
130	2936														
130	2937														
130	2938														
130	2939														2 TØWS
130	2940														
130	2941														
130	2942														
130	2943														
130	2944														2 TØWS
130	2945														2 TØWS
130	2946														
130	2947														
130	2948														
130	2949														
130	2950														
130	2951														
130	2952														
130	2953														
130	2954														
130	2955														
130	2956														3 TØWS
130	2957														
130	2958														3 TØWS
130	2959														
130	2960														
130	2961														
130	2962														
130	2963														
130	2964														
130	2965														
130	2966														
130	2967														2 TØWS
130	2968														2 TØWS
130	2969														
130	2970														
130	2971														
130	2972														
130	2973														
130	2974														2 TØWS
130	2975														
130	2976														
130	2977														
130	2978														
130	2979														2 TØWS
130	2980														
130	2981														
130	2982														
130	2983														
130	2984														
130	2985														
130	2986														
130	2987														
130	2988														
130	2989														
130	2990														
130	2991														
130	2992														
130	2993														
130	2994														
130	2995														
130	2996														RINGNET AND TWØ DREDGES ØN ØNE TØW
130	2997														
130	2998														
130	2999														
130	3000														
130	3001														
130	3002														
130	3003														
130	3004														RINGNET AND TWØ DREDGES ØN ØNE TØW
130	3005														
130	3006														
130	3007														QUAHØG DREDGE EMPTY
130	3008														TWØ DREDGES ØN ØNE TØW
130	3009														
130	3010														
130	3011														
130	3012														
130	3013														3 TØWS
130	3014														
130	3015														
130	3016														

CODE #	STATION #		COLOR (NET)	ADD. CLR INF	FOREL	SEC CHI	H OF PHO	P NO. AIR TEM (C)	SURF. TEM (C)	P T	A K	S C	S C	S R	NOTES
130	3017														SMALL PLANKTON NET ON SECOND TOW
130	3018														2 TOWS USED
130	3019														
130	3020														
130	3021														
130	3022														
130	3023														
130	3024														
130	3025														
130	3026														2 TOWS
130	3027														
130	3028														
130	3029														
130	3030														
130	3031														
130	3032														
130	3033														
130	3034														
130	3035														
130	3036														2 TOWS
130	3037														3 TOWS QUAHOG DREDGE FOULED ON SECOND TOW
130	3038														
130	3039														
130	3040														
130	3041														
130	3042														
130	3043														
130	3044					0	0			0	0	0	0		HOLLISTER VV# 1
130	3045					0	0			0	0	0	0		HOLLISTER VV# 2
130	3046					0	0			0	0	0	0		HOLLISTER VV# 3
130	3047					0	0			0	0	0	0		HOLLISTER VV# 4
130	3048					0	0			0	0	0	0		HOLLISTER VV# 5
130	3049					5	1			0	0	0	0	0	HOLLISTER CAMERA STA.# 1
130	3050					0	0			0	0	0	0		HOLLISTER GC# 1
130	3051					0	0			0	0	0	0		HOLLISTER GC# 2
130	3052					0	0			0	0	0	0		HOLLISTER GC# 3
130	3053					0	0			0	0	0	0		HOLLISTER GC# 4
130	3054					0	0			0	0	0	0		HOLLISTER GC# 5
130	3055					0	0			0	0	0	0		HOLLISTER GC# 6
130	3056					0	0			0	0	0	0		HOLLISTER GC# 7
130	3057					0	0			0	0	0	0		HOLLISTER GC# 8
130	3058	A				0	0			0	0	0	0		HOLLISTER VV# 6
130	3058	B				0	0			0	0	0	0		HOLLISTER GC# 9
130	3059	A				0	0			0	0	0	0		HOLLISTER VV# 7
130	3059	B				0	0			0	0	0	0		HOLLISTER GC# 10
130	3060					0	0			0	0	0	0		HOLLISTER GC# 11
130	3061	A				0	0			0	0	0	0		HOLLISTER VV# 8
130	3061	B				0	0			0	0	0	0		HOLLISTER GC# 12
130	3062	A				0	0			0	0	0	0		HOLLISTER VV# 9
130	3062	B				0	0			0	0	0	0		HOLLISTER GC# 13
130	3063	A				0	0			0	0	0	0		HOLLISTER VV# 10
130	3063	B				0	0			0	0	0	0		HOLLISTER GC# 14
130	3064	A				0	0			0	0	0	0		HOLLISTER VV# 11
130	3064	B				0	0			0	0	0	0		HOLLISTER GC# 15
130	3065	A				0	0			0	0	0	0		HOLLISTER VV# 12
130	3065	B				0	0			0	0	0	0		HOLLISTER GC# 16
130	3066	A				0	0			0	0	0	0		HOLLISTER VV# 13
130	3066	B				0	0			0	0	0	0		HOLLISTER GC# 17
130	3067	A				0	0			0	0	0	0		HOLLISTER VV# 14
130	3067	B				0	0			0	0	0	0		HOLLISTER GC# 18
130	3068	A				0	0			0	0	0	0		HOLLISTER VV# 15
130	3068	B				0	0			0	0	0	0		HOLLISTER GC# 19
130	3068	C				5	42			0	0	0	0	0	HOLLISTER CAMERA STA.# 2
130	3069					0	0			0	0	0	0		HOLLISTER GC# 20
130	3070	A				0	0			0	0	0	0		HOLLISTER VV# 16
130	3070	B				0	0			0	0	0	0		HOLLISTER GC# 21
130	3071	A				0	0			0	0	0	0		HOLLISTER VV# 17
130	3071	B				0	0			0	0	0	0		HOLLISTER GC# 22
130	3072	A				0	0			0	0	0	0		HOLLISTER VV# 18
130	3072	B				0	0			0	0	0	0		HOLLISTER GC# 23
130	3073	A				0	0			0	0	0	0		HOLLISTER VV# 19
130	3073	B				0	0			0	0	0	0		HOLLISTER GC# 24
130	3074	A				0	0			0	0	0	0		HOLLISTER VV# 20
130	3074	B				0	0			0	0	0	0		HOLLISTER GC# 25
130	3075	A				0	0			0	0	0	0		HOLLISTER VV# 21
130	3075	B				0	0			0	0	0	0		HOLLISTER GC# 26
130	3076	A				0	0			0	0	0	0		HOLLISTER VV# 22
130	3076	B				0	0			0	0	0	0		HOLLISTER GC# 27
130	3076	C				5	13			0	0	0	0	0	HOLLISTER CAMERA STA.# 3
130	3077	A				0	0			0	0	0	0		HOLLISTER VV# 23
130	3077	B				0	0			0	0	0	0		HOLLISTER GC# 28
130	3078	A				0	0			0	0	0	0		HOLLISTER VV# 24
130	3078	B				0	0			0	0	0	0		HOLLISTER CG# 29
130	3079	A				0	0			0	0	0	0		HOLLISTER VV# 25
130	3079	B				0	0			0	0	0	0		HOLLISTER GC# 30
130	3080	A				0	0			0	0	0	0		HOLLISTER VV# 26
130	3080	B				0	0			0	0	0	0		HOLLISTER GC# 31
130	3080	C				5	3			0	0	0	0	0	HOLLISTER CAMERA STA.# 4
130	3081	A				0	0			0	0	0	0		HOLLISTER VV# 27
130	3081	B				0	0			0	0	0	0		HOLLISTER GC# 32

CODE #	STATION #		COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	PH OF PHO	NO. AIR TEM (C)	SURF. TEM (C)	PBLT	PAKC	SPCR	STR	NOTES
130	3082	A	•				0 0			0	0 0	0		HOLLISTER VV# 28
130	3082	B	•				0 0			0	0 0	0		HOLLISTER GC# 33
130	3083	A	•				0 0			0	0 0	0		HOLLISTER VV# 29
130	3083	B	•				0 0			0	0 0	0		HOLLISTER GC# 34
130	3084		•				0 0			0	0 0	0		HOLLISTER VV# 30
130	3085	A	•				0 0			0	0 0	0		HOLLISTER VV# 31
130	3085	B	•				0 0			0	0 0	0		HOLLISTER GC# 35
130	3086	A	•				0 0			0	0 0	0		HOLLISTER VV# 32
130	3086	B	•				0 0			0	0 0	0		HOLLISTER GC# 36
130	3087	A	•				0 0			0	0 0	0		HOLLISTER VV# 33
130	3087	B	•				0 0			0	0 0	0		HOLLISTER GC# 37
130	3088	A	•				0 0			0	0 0	0		HOLLISTER VV# 34
130	3088	B	•				0 0			0	0 0	0		HOLLISTER GC# 38
130	3089	A	•				0 0			0	0 0	0		HOLLISTER VV# 35
130	3089	B	•				0 0			0	0 0	0		HOLLISTER GC# 39
130	3090	A	•				0 0			0	0 0	0		HOLLISTER VV# 36
130	3090	B	•				0 0			0	0 0	0		HOLLISTER GC# 40
130	3091	A	•				0 0			0	0 0	0		HOLLISTER VV# 37
130	3091	B	•				0 0			0	0 0	0		HOLLISTER GC# 41
130	3092	A	•				0 0			0	0 0	0		HOLLISTER VV# 38
130	3092	B	•				0 0			0	0 0	0		HOLLISTER GC# 42
130	3093	A	•				0 0			0	0 0	0		HOLLISTER VV# 39
130	3093	B	•				0 0			0	0 0	0		HOLLISTER GC# 43
130	3094	A	•				0 0			0	0 0	0		HOLLISTER VV# 40
130	3094	B	•				0 0			0	0 0	0		HOLLISTER GC# 44
130	3095	A	•				0 0			0	0 0	0		HOLLISTER VV# 41
130	3095	B	•				0 0			0	0 0	0		HOLLISTER GC# 45
130	3096	A	•				0 0			0	0 0	0		HOLLISTER VV# 42
130	3096	B	•				0 0			0	0 0	0		HOLLISTER GC# 46
130	3097	A	•				0 0			0	0 0	0		HOLLISTER VV# 43
130	3097	B	•				0 0			0	0 0	0		HOLLISTER GC# 47
130	3097	C	•				5 3			0	0 0	0	0	HOLLISTER CAMERA STA.# 5
130	3098	A	•				0 0			0	0 0	0		HOLLISTER VV# 44
130	3098	B	•				0 0			0	0 0	0		HOLLISTER GC# 48
130	3099	A	•				0 0			0	0 0	0		HOLLISTER VV# 45
130	3099	?	•				0 0			0	0 0	0		HOLLISTER GC# 49
130	3100	A	•				0 0			0	0 0	0		HOLLISTER VV# 46
130	3100	B	•				0 0			0	0 0	0		HOLLISTER GC# 50
130	3100	C	•				5 3			0	0 0	0		HOLLISTER CAMERA STA. # 6
130	3101	A	•				0 0			0	0 0	0		HOLLISTER VV# 47
130	3101	B	•				0 0			0	0 0	0		HOLLISTER GC# 51
130	3102	A	•				0 0			0	0 0	0		HOLLISTER VV# 48
130	3102	B	•				0 0			0	0 0	0		HOLLISTER GC# 52
130	3103	A	•				0 0			0	0 0	0		HOLLISTER VV# 49
130	3103	B	•				0 0			0	0 0	0		HOLLISTER GC# 53
130	3104	A	•				0 0			0	0 0	0		HOLLISTER VV# 50
130	3104	B	•				0 0			0	0 0	0		HOLLISTER GC# 54
130	3105	A	•				0 0			0	0 0	0		HOLLISTER VV# 51
130	3105	B	•				0 0			0	0 0	0		HOLLISTER GC# 55
130	3106		•				0 0			0	0 0	0		HOLLISTER GC# 56
130	3107	A	•				0 0			0	0 0	0		HOLLISTER VV# 52
130	3107	B	•				0 0			0	0 0	0		HOLLISTER GC# 57
130	3108	A	•				0 0			0	0 0	0		HOLLISTER VV# 53
130	3108	B	•				0 0			0	0 0	0		HOLLISTER GC# 58
130	3109		•				0 0			0	0 0	0		HOLLISTER GC# 59
130	3110		•				0 0			0	0 0	0		HOLLISTER GC# 60
130	3111		•				0 0			0	0 0	0		HOLLISTER GC# 61
130	3112	A	•				0 0			0	0 0	0		HOLLISTER VV# 54
130	3112	B	•				0 0			0	0 0	0		HOLLISTER GC# 62
130	3113		•				0 0			0	0 0	0		HOLLISTER GC# 63
130	3114	A	•				0 0			0	0 0	0		HOLLISTER VV# 55
130	3114	B	•				0 0			0	0 0	0		HOLLISTER GC# 64
130	3115		•				0 0			0	0 0	0		HOLLISTER GC# 65
130	3116													
130	3117													GRAVEL KEPT PROBABLY SOME WASHING OCCURRED
130	3118													GRAVEL IN JAWS
130	3119													GRAVEL IN JAWS-SAMPLE BADLY WASHED
130	3120													SHELLS KEPT JAWS PARTLY OPEN
130	3121													
130	3122													
130	3123													
130	3124													
130	3125													
130	3126													
130	3127													
130	3128													
130	3129													
130	3130													
130	3131													
130	3132													
130	3133													
130	3134													
130	3135													
130	3136													
130	3137													
130	3138													
130	3139													
130	3140													
130	3141													
130	3142													

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL CHI	SEC H OF PHO	NO. AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	3143												
130	3144												
130	3145												
130	3146												
130	3147												BOTTOM BEGINS DROPPING SHARPLY
130	3148												BOTTOM CONTINUES TO DROP SHARPLY
130	3149												
130	3150												
130	3151												BOTTOM SHOALING QUICKLY
130	3152												BOTTOM SHOALING QUICKLY
130	3153												
130	3154												
130	3155												
130	3156												STEEP SLOPE
130	3157												STEEP SLOPE
130	3158												STEEP SLOPE
130	3159												BOTTOM FLATTENS OUT AT 290FT
130	3160												
130	3161												
130	3162												
130	3163												
130	3164												
130	3165												
130	3166												
130	3167												
130	3168												TAKEN ON FLANK OF SMALL RIDGE MAYBE GRAVEL RIDGE
130	3169												JAWS PARTLY OPEN POSSIBLE WASHING OF SAMPLE
130	3170												
130	3171												
130	3172												
130	3216A				33 4		18.2		1				BOTTOM DRIFTER SHOWED NO MOVEMENT,STA REOCCUPIED
130	3216B												
130	3217												
130	3218												SURFACE + BOTTOM WATER SAMPLES TAKEN
130	3219				3319								
130	3220				11 4								
130	3221				11 6								
130	3222				33 4								
130	3223				11 5				1				
130	3224				01 1								
130	3225												
130	3226												3 WATER SAMPLES IN 3 TRYS
130	3227												
130	3228												
130	3229												
130	3230				11 4		18.2						
130	3231				11 4								
130	3232				33 6								
130	3233												
130	3234												
130	3235A				11 4				1				
130	3235B								1				
130	3236				11 4								NO RECOVERY ON EITHER DROP
130	3237												
130	3238				33 6								
130	3239												
130	3240												
130	3241												
130	3242				33 6								
130	3243												
130	3244												D-L TAKEN ATBOTTOM OF CHANNEL OR IN HOLE
130	3245				3324								ROUGH SEAS CAMERA BOUNCING ON BOTTOM
130	3246				11 4								LOCATION QUESTIONABLE
130	3247				11 4								
130	3248				11 4								STRONG SWELLAND SEA RUNNING
130	3249				11 4								
130	3250				11 4								
130	3251				11 4								STRONG SWELL
130	3252												
130	3253												
130	3254				11 4								
130	3255												NO RECOVERY-GRAB HIT HARD BOTTOM
130	3256												NO RECOVERY ON 3 GRAB ATTEMPTS
130	3257												
130	3258												
130	3259												NO RECOVERY ON D-L
130	3260				11 4								
130	3261												STATION LOCATION IN DOUBT
130	3262				11 4								
130	3263				33 4								1 BOTTOM WATER SAMPLE
130	3264												1 BOTTOM WATER SAMPLE
130	3265				33 6								
130	3266												
130	3267				11 4								
130	3268				33 7				1				BOTTOM WATERSAMPLE
130	3269												BOTTOM WATERSAMPLE
130	3270												
130	3271												
130	3272				11 4								
130	3273												

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	3274						33 6								
130	3275						33 7								
130	3276						33 7								VAN VEEN RECOVERED NO ROCK JUST SEAWEED
130	3277						33 6								
130	3278						33 7								
130	3279						11 6								
130	3280						33 4			1					PHOTO MISNUMBERED AS 3372, FOSSILS IN CONCRETIONS
130	3281						33 5								
130	3282						33 4								
130	3283						336								
130	3284														
130	3285						33 6			1					
130	3286														
130	3287						33 6								
130	3288														NO SAMPLE INFIRST 6 DROPS
130	3289														
130	3290														
130	3291														CHECK FOR FOSSILS
130	3292						33 6								
130	3293						333								
130	3294						33 6								
130	3295						33 6								FAIRLY HARD BOTTOM
130	3296 A						33 6								TAKEN JUST BEFORE HITTING PEAKS
130	3296 B						33 6								DREDGED PEAKS
130	3297						33 6								
130	3298						33 6								
130	3299									1					
130	3300						33 6								
130	3301														
130	3302														
130	3303						33 6								
130	3304						33 4								
130	3305						33 4								
130	3306														
130	3307														8 FEET OF CORE
130	3308						3311		17.0						
130	3309				4.9				18.0	1					THERMOCLINE AT 2 METERS
130	3310				5.0				18.6						THERMOCLINE AT 2 METERS
130	3311A				5.1	33	5		15.5						
130	3311B														
130	3312								15.0						
130	3313														NO SAMPLE TAKEN
130	3314														
130	3315														
130	3316														
130	3317														
130	3318														
130	3319								13.2						
130	3320														FATHOMETER QUIT WORKING 22 M.
130	3321														
130	3322														
130	3323														
130	3324								13.6						
130	3325								14.6						
130	3326								12.9						
130	3327								13.1						
130	3328								13.4						
130	3329								13.0						
130	3330								13.0						
130	3331								13.5						
130	3332								14.5						
130	3333								14.3						
130	3334								15.0						VAN DORN COLLECTED ABOUT 50 YDS CLOSER TO SHORE
130	3335								14.0						
130	3336								14.2						BUG LOCATED DIRECTLY UNDER BOAT
130	3337								15.8						NO SAMPLE RECOVERED
130	3338								15.3						
130	3339								15.1						NO SAMPLE RECOVERED
130	3340						33 9		17.9						NO SAMPLE RECOVERED
130	3341								16.0						
130	3342						33 4		17.3						SUSPENDED MATTER SAMPLES
130	3343								16.8						
130	3344														
130	3345								16.5						
130	3346								16.1						
130	3347								17.3						
130	3348								17.9						
130	3349								16.6						
130	3350								17.3						
130	3351								17.3						
130	3352						33 5		17.0						SUSPENDED MATTER SAMPLES
130	3353								16.8						
130	3354								17.3						
130	3355								17.6						
130	3356								17.7						
130	3357								17.7						
130	3358						33 4		17.6						SUSPENDED MATTER SAMPLES
130	3359								16.8						
130	3360								17.0						NO SAMPLE RECOVERED
130	3361								17.5						

CODE #	STATION #	COLOR (EST)	ADD. CLR INF	FOREL	SEC CHI	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L K	A R C	S P C	S T R	NOTES
130	3362							17.8						
130	3363							15.9						
130	3364							17.2						
130	3365							16.8						CHECK OF BOTTOM DRIFT BUG
130	3366							16.8						NO SEDIMENT SAMPLE,SUSPENDED MATTER SPLS
130	3367							16.0						
130	3368							16.8						
130	3369							17.7						
130	3370							18.9						
130	3371							17.9						
130	3372							17.2						
130	3373							17.6						
130	3374							17.6						
130	3375							18.7						SUSPENDED MATTER SAMPLES
130	3376							18.1						
130	3377							13.9						CHECK OF BOTTOM DRIFT BUG
130	3378							13.8						BOTTOM SUSPENDED MATTER SAMPLE
130	3379							13.7						BOTTOM SUSPENDED MATTER SAMPLE
130	3380							13.9						
130	3381							13.7						
130	3382							13.8						BOTTOM SUSPENDED MATTER SAMPLE
130	3383							13.6						
130	3384							13.6						
130	3385							14.0						
130	3386													
130	3387							16.2						BOTTOM SUSPENDED MATTER SAMPLE
130	3388													
130	3389							16.7						BOTTOM SUSPENDED MATTER SAMPLE
130	3390							16.9						BOTTOM SUSPENDED MATTER SAMPLE
130	3391							16.7						BOTTOM SUSPENDED MATTER SAMPLE
130	3392						3332							
130	3393													
130	3394													BOTTOM DRIFTER LAUNCHED
130	3395													
130	3396													NO RECOVERY
130	3397													
130	3398													
130	3399													
130	3400													
130	3401													
130	3402													BOTTOM TEMP. 8.6 DEGREES C.
130	3403													VAN VEEN RIGGED WRONG ON FIRST 3 DROPS
130	3404													
130	3405													
130	3406													
130	3407													RECOVERED SMEAR OF COARSE SAND
130	3409		•		0	0		0	0	0	0			•
130	3410		•		0	0		0	0	0	0			•
130	3411		•		0	0		0	0	0	0			•
130	3412		•		0	0		0	0	0	0			TWO SAMPLES TAKEN.
130	3413		•		0	0		0	0	0	0			•
130	3414		•		0	0		0	0	0	0			•
130	3415		•		0	0		0	0	0	0			BOTTOM DRIFTERS RELEASED.
130	3416		•		0	0		0	0	0	0			•
130	3417		•		0	0		0	0	0	0			BOTTOM DRIFTERS RELEASED.
130	3418		•		0	0		0	0	0	0			FERRIC OXIDE STAINS ON SOME PEBBLES.
130	3419		•		0	0		0	0	0	0			BOTTOM DRIFTERS RELEASED.
130	3420		•		0	0		0	0	0	0			•
130	3421		•		0	0		0	0	0	0			•
130	3422		•		0	0		0	0	0	0			•
130	3423		•		0	0		0	0	0	0			•
130	3424		•		0	0		0	0	0	0			•
130	3425		•		0	0		0	0	0	0			•
130	3426		•		0	0		0	0	0	0			•
130	3427		•		0	0		0	0	0	0			•
130	3428		•		0	0		0	0	0	0			•
130	3429		•		0	0		0	0	0	0			5 ATTEMPS W/ PRECIOUS LITTLE RECOVERED SEDIMENT.
130	3430		•		0	0		0	0	0	0			ROCK HELD GRAB JAWS OPEN ON 1ST ATTEMPT
130	3431		•		0	0		0	0	0	0			TWO SAMPLES TAKEN
130	3432		•		0	0		0	0	0	0			•
130	3433		•		0	0		0	0	0	0			•
130	3434		•		0	0		0	0	0	0			•
130	3435		•		0	0		0	0	0	0			•
130	3436		•		0	0		0	0	0	0			•
130	3437		•		0	0		0	0	0	0			•
130	3438		•		0	0		0	0	0	0			•
130	3439		•		0	0		0	0	0	0			•
130	3440		•		0	0		0	0	0	0			•
130	3441		•		0	0		0	0	0	0			•
130	3442		•		0	0		0	0	0	0			•
130	3443		•		0	0		0	0	0	0			•
130	3444		•		0	0		0	0	0	0			•
130	3445		•		0	0		0	0	0	0			•
130	3446		•		0	0		0	0	0	0			PROBABLE BEDROCK.
130	3447		•		0	0		0	0	0	0			•
130	3448		•		0	0		0	0	0	0			•
130	3449		•		0	0		0	0	0	0			•
130	3450		•		0	0		0	0	0	0			BEDROCK OR LARGE COBBLES MAY REPRESENT THE BOTTOM.
130	3451		•		0	0		0	0	0	0			•
130	3452		•		0	0		0	0	0	0			•

CODE #	STATION #	COLOR (WET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	L K	A R C	S P C	S T R	NOTES
130	3453	•				0	0			0	0	0	0	•	
130	3454	•				0	0			0	0	0	0	•	
130	3455	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3456	•				0	0			0	0	0	0	•	
130	3457	•				0	0			0	0	0	0	•	
130	3458	•				0	0			0	0	0	0	•	
130	3459	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3460	•				0	0			0	0	0	0	•	
130	3461	•				0	0			0	0	0	0	•	
130	3462	•				0	0			0	0	0	0	•	
130	3463	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3464	•				0	0			0	0	0	0	•	
130	3465	•				0	0			0	0	0	0	•	
130	3466	•				0	0			0	0	0	0	•	
130	3467	•				0	0			0	0	0	0	•	
130	3468	•				0	0			0	0	0	0	•	
130	3469	•				0	0			0	0	0	0	•	
130	3470	•				0	0			0	0	0	0		ROCKS HELD GRAB JAWS OPEN-SEDIMENT PROBABLY ESCAPED
130	3471	•				0	0			0	0	0	0	•	
130	3472	•				0	0			0	0	0	0		LOST LARGE VAN VEEN
130	3473	•				0	0			0	0	0	0	•	
130	3474	•				0	0			0	0	0	0	•	
130	3475	•				0	0			0	0	0	0	•	
130	3476	•				0	0			0	0	0	0		SMALL VAN VEEN USED ON FIRST 3 ATTEMPTS.NO SUCCESS.
130	3477	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3478	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3479	•				0	0			0	0	0	0	•	
130	3480	•				0	0			0	0	0	0	•	
130	3481	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3482	•				0	0			0	0	0	0		PROBABLY GRAVEL ON BOTTOM.
130	3483	•				0	0			0	0	0	0	0	BEDROCK OR BOTTOM CONSISTS OF MASSIVE ROCKS
130	3484	•				0	0			0	0	0	0	•	
130	3485	•				0	0			0	0	0	0		SAMPLE OBTAINED MAY NOT BE REPRESENTATIVE OF BOTTOM
130	3486	•				0	0			0	0	0	0	•	
130	3487	•				0	0			0	0	0	0	•	
130	3488	•				0	0			0	0	0	0	•	
130	3489	•				0	0			0	0	0	0	•	
130	3490	•				0	0			0	0	0	0	•	
130	3491	•				0	0			0	0	0	0	•	
130	3492	•				0	0			0	0	0	0	•	
130	3493	•				0	0			0	0	0	0	•	
130	3494	•				0	0			0	0	0	0	•	
130	3495	•				0	0			0	0	0	0	•	
130	3496	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3497	•				0	0			0	0	0	0	•	
130	3498	•				0	0			0	0	0	0	•	
130	3499	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3500	•				0	0			0	0	0	0	•	
130	3501	•				0	0			0	0	0	0	•	
130	3502	•				0	0			0	0	0	0	•	
130	3503	•				0	0			0	0	0	0	•	
130	3504	•				0	0			0	0	0	0	•	
130	3505	•				0	0			0	0	0	0		SHIP DRIFTED FROM SHOAL AREA TO BASIN BEFORE SPL TA
130	3506	•				0	0			0	0	0	0		PDR SHOWED NUMEROUS MULTIPLE ECHOES-ROCKY BOTTOM(Q)
130	3507	•				0	0			0	0	0	0	•	
130	3508	•				0	0			0	0	0	0	•	
130	3509	•				0	0			0	0	0	0	0	BEDROCK OR ROCKY BOTTOM.
130	3510	•				0	0			0	0	0	0	•	
130	3511	•				0	0			0	0	0	0	•	
130	3512	•				0	0			0	0	0	0	•	
130	3513	•				0	0			0	0	0	0	•	
130	3514	•				0	0			0	0	0	0	•	
130	3515	•				0	0			0	0	0	0	•	
130	3516	•				0	0			0	0	0	0	•	
130	3517	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3518	•				0	0			0	0	0	0	•	
130	3519	•				0	0			0	0	0	0	•	
130	3520	•				0	0			0	0	0	0	•	
130	3521	•				0	0			0	0	0	0	0	BEDROCK(Q)
130	3522	•				0	0			0	0	0	0	•	
130	3523	•				0	0			0	0	0	0	•	
130	3524	•				0	0			0	0	0	0	•	
130	3525	•				0	0			0	0	0	0		ON 4TH ATTEMPT-GRAB JAWS KEPT OPEN BY WOOD + SHELLS
130	3526	•				0	0			0	0	0	0		MAINE GEOLOGISTS CALL IT THE PRESUMPSCOT FORMATION.
130	3527	•				0	0			0	0	0	0	•	
130	3528	•				0	0			0	0	0	0	•	
130	3529	•				0	0			0	0	0	0	•	
130	3530	•				0	0			0	0	0	0		MUD ON SAMPLER.
130	3531	•				0	0			0	0	0	0	•	
130	3532	•				0	0			0	0	0	0	•	
130	3533	•				0	0			0	0	0	0	•	
130	3534	•				0	0			0	0	0	0	•	
130	3535	•				0	0			0	0	0	0	•	
130	3536	•				0	0			0	0	0	0		BASIN TO SIDE OF OUTCROPS.
130	3537	•				0	0			0	0	0	0		24 INCHES OF CORE MATERIAL RECOVERED.
130	3538	•				0	0			0	0	0	0		40 INCHES OF CORE MATERIAL RECOVERED.
130	3539	•				0	0			0	0	0	0		48 INCHES OF CORE MATERIAL RECOVERED.
130	3540	•				0	0			0	0	0	0		61 INCHES OF CORE MATERIAL RECOVERED.
130	3541	•				0	0			0	0	0	0		46 INCHES OF CORE MATERIAL RECOVERED.
130	3542	•				0	0			0	0	0	0	•	
															LOST CORE CUTTER, RETAINER AND PLASTIC BARREL.

M706 55902

CODE #	STATION #	COLOR (MET)	ADD. CLR INF	FOREL	SEC CHI	P H O	NO. OF PHO	AIR TEM (C)	SURF. TEM (C)	B T	P L R	A R C	S P C	S T R	NOTES
130	3543	•				0	0			0	0	0	0		•
130	3544	•				0	0			0	0	0	0		•
130	3545	•				0	0			0	0	0	0		PROBABLY A GRAVEL BOTTOM.
130	3546	•				0	0			0	0	0	0		•
130	3547	•				0	0			0	0	0	0		SAND GRAINS FE STAINED.
130	3548	•				0	0			0	0	0	0		•
130	3549	•				0	0			0	0	0	0		•
130	3550	•				0	0			0	0	0	0		•
130	3551	•				0	0			0	0	0	0		•
130	3552	•				0	0			0	0	0	0		•
130	3553	•				0	0			0	0	0	0		•
130	3554	•				0	0			0	0	0	0		•
130	3555	•				0	0			0	0	0	0		•
130	3556	•				0	0			0	0	0	0	0	A FEW SAND GRAINS IN SAMPLER=SED. CLASS INFERRED.
130	3557	•				0	0			0	0	0	0		•
130	3558	•				0	0			0	0	0	0		•
130	3559	•				0	0			0	0	0	0		•
130	3560	•				0	0			0	0	0	0		•
130	3561	•				0	0			0	0	0	0		•
130	3562	•				0	0			0	0	0	0		•
130	3563	•				0	0			0	0	0	0		•
130	3564	•				0	0			0	0	0	0		•
130	3565	•				0	0			0	0	0	0		•
130	3566	•				0	0			0	0	0	0		•
130	3567	•				0	0			0	0	0	0		•
130	3568	•				0	0			0	0	0	0		•
130	3569	•				0	0			0	0	0	0		•
130	3570	•				0	0			0	0	0	0		•
130	3571	•				0	0		15.1	0	0	0	0		GEODYNE CURRENT METER SET ON BOTTOM FOR ONE MONTH.
130	3572	•				0	0		11.9	1	0	0	0		SEA=BED DRIFTERS RELEASED; SAL/TEMP MEASUREMENTS.
130	3573	•				0	0		12.3	1	0	0	0		SEA=BED DRIFTERS RELEASED; SAL/TEMP MEASUREMENTS.
130	3574	•				0	0		13.6	1	0	0	0		SEA=BED DRIFTERS RELEASED; SAL/TEMP MEASUREMENTS.
130	3575	•				0	0		13.6	1	0	0	0		SEA=BED DRIFTERS RELEASED; SAL/TEMP MEASUREMENTS.
130	3576	•				0	0		13.4	1	0	0	0		SEA=BED DRIFTERS RELEASED; SAL/TEMP MEASUREMENTS.
130	3577	•				0	0		14.2	1	0	0	0		SALINITY AND TEMPERATURE MEASUREMENTS=WATER COLUMN.
130	3578	•				0	0		12.6	1	0	0	0		SAL/TEMP MEASUREMENTS, M=A CURRENT METER STATION.
130	3579	•				0	0		12.2	1	0	0	0		VAN DORN BTL, SEA=BED DRIFTERS, SALINITY BOTTLES
130	3580	•				0	0		13.2	1	0	0	0		NISKIN AND VAN DORN BTLS, SALINITY BTLS.
130	3581	•				0	0		13.8	1	0	0	0		NISKIN AND VAN DORN BTLS, SALINITY BTLS.
130	3582	•				0	0		14.6	1	0	0	0	0	NISKIN AND VAN DORN BTLS, SALINITY BTLS.
130	3583	•				0	0		14.4	1	0	0	0	0	VAN DORN BTL, SAL/TEMP MEASUREMENTS=WATER COLUMN.
130	3584	•				0	0		14.6	1	0	0	0		SAL/TEMP MEASUREMENTS=WATER COLUMN.
130	3585	•				0	0		12.9	1	0	0	0		SAL/TEMP MEASUREMENTS=WATER COLUMN, M=A CURRENT M.
130	3586	•				0	0		14.4	1	0	0	0		SURFACE SALINITY TAKEN.
130	3587	•				0	0		13.1	1	0	0	0		SURFACE SALINITY TAKEN.
130	3588	•				0	0		14.9	1	0	0	0		SURFACE SALINITY TAKEN, M=A CURRENT METER.
130	3589	•				0	0		14.7	1	0	0	0		SEA=BED DRIFTERS RELEASED, SUR.SALINITY TAKEN.
130	3590	•				0	0			0	0	0	0	0	GEODYNE CURRENT METER SET ON BOTTOM FOR ONE MONTH.
130	3591	•				0	0			0	0	0	0	0	GEODYNE CURRENT METER SET ON BOTTOM FOR ONE MONTH.
130	3592	•				0	0			0	0	0	0	0	MARINE ADVISORS CURRENT METER STATION
130	3593	•				0	0			0	0	0	0	0	MARINE ADVISORS CURRENT METER STATION
130	3594	•				0	0			0	0	0	0	0	MARINE ADVISORS CURRENT METER STATION
130	3595	•				0	0		19.1	1	0	0	0	0	SAL/TEMP MEASUREMENTS=WATER COLUMN. NIGHT STATION
130	3605	•				0	0			0	0	0	0	0	MARINE ADVISORS CURRENT METER STATION
130	3606	•				0	0		14.0	1	0	0	0		SAL/TEMP MEASUREMENTS, SUSPENDED SED., NIGHT STA.
130	3607	•				0	0		14.8	1	0	0	0	0	SAL/TEMP MEASUREMENTS, M=A CURRENT METER, DRIFTERS
130	3608	•				0	0		15.6	1	0	0	0		SAL/TEMP, M=A CURRENT METER, VAN DORN BTL, DRIFTERS
130	3609	•				0	0		15.0	1	0	0	0		SAL/TEMP, VAN DORN BTL, SEA=BED DRIFTERS, NIGHT STA
130	3610	•				0	0		15.7	1	0	0	0		SALINITY BTLS, M=A CURRENT METER, SEA=BED DRIFTERS.
130	3611	•				0	0		15.2	1	0	0	0		SALINITY BTLS, M=A CURRENT METER, SEA=BED DRIFTERS.
130	3612	•				0	0		16.0	1	0	0	0		SALINITY BTLS, M=A CURRENT METER.
130	3613	•				0	0		15.1	1	0	0	0		SALINITY BTLS, M=A CURRENT METER,DRIFTERS, NIGHT STA
130	3614	•				0	0			0	0	0	0	0	GEODYNE CURRENT METER RETRIEVED=LEAKED AT O=RING
130	3615	•				0	0			0	0	0	0	0	GEODYNE M. RETRIEVED AND RESET, SAME AS 3591,DRIFTER
130	3616	•				0	0		15.5	1	0	0	0		SALINITY BTLS, SEA=BED DRIFTERS RELEASED.
130	3617	•				0	0		16.5	1	0	0	0		SALINITY BTLS, SEA=BED DRIFTERS RELEASED.
130	3618	•				0	0			0	0	0	0	0	SURFACE SALINITY.
130	3619	•				0	0			0	0	0	0	0	SURFACE SALINITY
130	3620	•				0	0			0	0	0	0	0	SURFACE SALINITY.
130	3621	•				0	0		11.2	1	0	0	0	0	SALINITY BOTTLES AND SUSPENDED SED ANALYSIS.
130	3622	•				0	0		11.0	1	0	0	0	0	SALINITY BTLS, VAN DORN BTLS, M=A CURRENT METER.
130	3623	•				0	0			0	0	0	0	0	GEODYNE CURRENT METER RECOVERED.
130	3624	•				0	0		12.5	1	0	0	0	0	SALINITY BTLS, VAN DORN BTLS, M=A CURRENT METER.
130	3625	•				0	0		12.2	1	0	0	0	0	SALINITY BTLS, V=D BTLS, M=A METER, SEA=BED DRIFTER.
130	3626	•				0	0		11.8	1	0	0	0		SAL BTLS,M=A METER, DRIFTERS,SUSPENDED SED GEAR.
130	3627	•				0	0		12.0	1	0	0	0		SAL BTLS,M=A METER, DRIFTERS,SUSPENDED SED GEAR.
130	3628	•				0	0		11.7	1	0	0	0	0	SAL BTLS,M=A METER, DRIFTERS,SUSPENDED SED GEAR.
130	3629	•				0	0		11.6	1	0	0	0		SAL BTLS,M=A METER, DRIFTERS,SUSPENDED SED GEAR.
130	3630	•				0	0		11.8	1	0	0	0		SAL BTLS,M=A METER, DRIFTERS,SUSPENDED SED GEAR.

CODE #	STATION #		DEVICE	CND	WT KG	FREE FALL M	PEN M	CORE DIAM CM	CORE LNTH CM	CND	DIST PER CM	SEC	EXT	VOL L	PRSVTN WAS	NOTES
140	3050		11	1			0.7	5.6	74	1		8	2		1 0 0	
140	3051		11	1			1.3	5.6	70	1		8	2		1 0 0	
140	3052		11	1			2.0	5.6	54	1		8	2		1 0 0	
140	3053		11	1			1.0	5.6	33	1		8	2		1 0 0	
140	3054		11	1			1.3	5.6	97	1		8	2		1 0 0	
140	3055		11	1			0.9	5.6	41	1		8	2		1 0 0	
140	3056		11	1			0.3	5.6	202	1		8	2		1 0 0	PENETRATION QUESTIONED
140	3057		11	1			2.4	5.6	161	1		8	2		1 0 0	
140	3058	B	11	1			2.2	5.6	186	1		8	2		1 0 0	
140	3059	B	11	1			1.8	5.6	170	1		8	2		1 0 0	
140	3060		11	1			0.6	5.6	30	1		8	2		1 0 0	
140	3061	B	11	1				5.6	45	1		8	1		0 0 0	NO CORE LINER-SAMPLE RETAINED IN CARTON
140	3062	B	11	1			2.1	5.6	57	1		8	2		1 0 0	
140	3063	B	11	1			1.3	5.6	70	1		8	2		1 0 0	
140	3064	B	11	1			1.5	5.6	98	1		8	2		1 0 0	
140	3065	B	11	1			1.5	5.6	110	1		8	2		1 0 0	
140	3066	B	11	1			2.0	5.6	202	1		8	2		1 0 0	
140	3067	B	11	1			2.0	5.6	180	1		8	2		1 0 0	
140	3068	B	11	1			1.9	5.6	119	1		8	2		1 0 0	
140	3069		11	1			1.9	5.6	60	1		8	2		1 0 0	
140	3070	B	11	1			0.8	5.6	45	1		8	2		1 0 0	
140	3071	B	11	1			2.2	5.6	127	1		8	2		1 0 0	
140	3072	B	11	1			2.6	5.6	160	1		8	2		1 0 0	
140	3073	B	11	1			2.2	5.6	128	1		8	2		1 0 0	
140	3074	B	11	1			2.4	5.6	140	1		8	2		1 0 0	
140	3075	B	11	1			2.7	5.6	168	1		8	2		1 0 0	
140	3076	B	11	1			2.7	5.6	142	1		8	2		1 0 0	
140	3077	B	11	1			2.7	5.6	170	1		8	2		1 0 0	
140	3078	B	11	1			2.7	5.6	172	1		8	2		1 0 0	
140	3079	B	11	1			2.7	5.6	82	1		8	2		1 0 0	
140	3080	B	11	1			2.7	5.6	145	1		8	2		1 0 0	
140	3081	B	11	1			1.6	5.6	82	1		8	2		1 0 0	
140	3082	B	11	1			0.9	5.6	52	1		8	2		1 0 0	
140	3083	B	11	1			0.8	5.6	23	1		8	2		1 0 0	
140	3085	B	11	1			1.2	5.6	52	1		8	2		1 0 0	
140	3086	B	11	1			1.6	5.6	100	1		8	2		1 0 0	
140	3087	B	11	1			2.2	5.6	135	1		8	2		1 0 0	
140	3088	B	11	1			2.3	5.6	135	1		8	2		1 0 0	
140	3089	B	11	1			2.7	5.6	143	1		8	2		1 0 0	
140	3090	B	11	1			2.3	5.6	142	1		8	2		1 0 0	
140	3091	B	11	1			2.5	5.6	173	1		8	2		1 0 0	
140	3092	B	11	1			2.5	5.6	157	1		8	2		1 0 0	
140	3093	B	11	1			2.1	5.6	112	1		8	2		1 0 0	
140	3094	B	11	1			2.1	5.6	75	1		8	2		1 0 0	
140	3095	B	11	1			2.1	5.6	82	1		8	2		1 0 0	
140	3096	B	11	1			1.9	5.6	100	1		8	2		1 0 0	
140	3097	B	11	1			1.4	5.6	71	1		8	2		1 0 0	
140	3098	B	11	1			1.1	5.6				0	1		0 0 0	NO CORE LINER OR CORE CATCHER
140	3099	B	11	1				5.6	24			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION,10-15CM
140	3100	B	11	1				5.6		7						CORE BARREL BOUNCED OFF BOTTOM
140	3101	B	11	1				5.6		7						NO PENETRATION
140	3102	B	11	1				5.6	40			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION,10-15CM
140	3103	B	11	1			1.1	5.6	41	1		8	2		1 0 0	
140	3104	B	11	1			1.5	5.6	102			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION,10-15CM
140	3105	B	11	1			2.1	5.6	61			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION,10-15CM
140	3106		11	1			1.7	5.6	83	1		8	2		1 0 0	
140	3107	B	11	1			1.9	5.6	125			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3108	B	11	1			1.8	5.6	122			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3109		11	1			0.6	5.6	51			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3110		11	1			1.3	5.6	82			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3111		11	1			2.3	5.6	100			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3112	B	11	1			1.4	5.6	80			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3113		11	1			2.2	5.6	90			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3114	B	11	1			1.1	5.6	55			0	1		0 0 0	RETAINED ONLY NOSE CONE SECTION, 10-15CM
140	3115		11	1			0.9	5.6	35	1		0	2		1 0 0	

Code Line 140 Core data

Code line 140 contains information on the equipment and methods used for those stations where cores were taken.

Explanation of headings

CODE #	Indicates that the line contains the type of data characterized by code 140.
STATION #	As described under code line 100 above.
DEVICE	Device used (NODC codes, NODC, 1966, p. 12,13) 11 = gravity corer
CND	Condition of corer (NODC codes, NODC, 1966, p. 13) 1 = Generally good
WT KG	Weight of corer in kilograms
FREE FALL M	Free fall distance of the corer in meters
PEN. M	Penetration of the corer in meters
CORE DIAM CM	Diameter of the core in centimeters
CORE LNGTH CM	Total length of core obtained in centimeters
CND	Condition of core (NODC codes, NODC, 1966, p. 15) 1 = Entire core generally undisturbed 7 = No core
DIST POR CM	Length of disturbed portion in centimeters
SEC	Core sectioning (NODC codes, NODC, 1966, p. 15) 0 = Core unsectioned 8 = Core split
EXT	Extraction of core from barrel or liner (NODC codes, NODC, 1966, p. 16) blank = Unknown 1 = Removed from liner or barrel 2 = Not removed
VOL L	Volume in liters

PRSVTN Preservation technique

WA Preservation of water (NODC codes, NODC, 1966, p. 16)

0 = No preservation technique applied, or unknown
1 = Sealed to preserve entire water content

BC Preservation of bacteria (NODC codes, NODC, 1966, p. 16)

0 = No preservative added, or unknown

ST Preservation of structure (NODC codes, NODC, 1966, p. 17)

0 = No preservation technique applied, or unknown

NOTES Notes or comments

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
140	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Device	21,22	A	2		
	Condition	24	A	1		
	Wt in kg	26-29	I	4		
	Free fall in m	31,32	I	2		
	Penetration in m	34-37	F	4	36	1
	Core diam. in cm	39-42	F	4	41	1
	Core length, cm	44-48	I	5		
	Condition	50	A	1		
	Disturbed portion, cm	52-55	I	4		
	Section	57	A	1		
	Extraction	59	A	1		
	Volume, liters	61-63	I	3		
	Preservation, water	65	A	1		
	Preservation, bacteria	67	A	1		
	Preservation, structure	69	A	1		
	Notes	81-119	A	39		
	Continuation signal	120	A	1		

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	A002	11	-5.0	0.	-4.0	3.2	-3.0	9.8	-2.0	21.0	-1.0	12.0	0.	5.5	1.0	15.1	2.0	23.6	3.0	8.7	4.0	1.1
201	A002		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A003	8	-3.0	0.	-2.0	0.8	-1.0	5.2	0.	18.6	1.0	58.3	2.0	14.7	3.0	2.0	4.0	0.	0.	0.	0.	0.
200	A012	7	0.5	0.	1.0	5.0	1.5	24.0	2.0	41.0	2.5	20.0	3.0	10.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	A015	6	-1.0	0.	0.	2.0	1.0	7.5	2.0	59.0	3.0	31.5	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A016	9	-4.0	0.	-3.0	2.0	-2.0	9.0	-1.0	5.0	0.	4.2	1.0	30.2	2.0	39.5	3.0	10.1	4.0	0.	0.	0.
200	A020	17	-4.0	0.	-3.0	1.3	-2.0	1.0	-1.0	1.7	0.	1.9	1.0	8.2	2.0	18.2	3.0	13.0	4.0	16.8	5.0	9.8
201	A020		6.0	5.1	7.0	4.7	8.0	6.2	9.0	5.9	10.0	3.7	11.0	3.1	12.0	0.	0.	0.	0.	0.	0.	0.
200	A023	22	-7.0	0.	-6.0	3.0	-5.0	2.0	-4.0	2.7	-3.0	3.8	-2.0	5.0	-1.0	6.5	0.	6.4	1.0	13.3	2.0	10.2
201	A023		3.0	4.5	4.0	2.4	5.0	5.8	6.0	4.6	7.0	4.3	8.0	5.9	9.0	7.1	10.0	6.0	11.0	2.4	12.0	1.8
202	A023		13.0	2.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A026	10	-6.0	0.	-5.0	3.5	-4.0	7.5	-3.0	13.0	-2.0	20.5	-1.0	20.5	0.	16.8	1.0	12.8	2.0	5.5	3.0	0.
200	A036	10	-4.0	0.	-3.0	1.0	-2.0	1.0	-1.0	2.0	0.	2.9	1.0	35.6	2.0	40.4	3.0	15.6	4.0	1.7	5.0	0.
200	A037A	6	-2.0	0.	-1.0	25.0	0.	68.8	1.0	4.6	2.0	1.5	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A040	23	-7.0	0.	-6.0	2.5	-5.0	2.5	-4.0	5.7	-3.0	5.8	-2.0	6.5	-1.0	5.0	0.	0.9	1.0	2.9	2.0	6.0
201	A040		3.0	9.7	4.0	12.3	5.0	9.9	6.0	5.5	7.0	4.3	8.0	4.3	9.0	3.9	10.0	3.1	11.0	2.4	12.0	2.2
202	A040		13.0	1.4	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A041	18	-4.0	0.	-3.0	3.0	-2.0	2.4	-1.0	3.6	0.	3.7	1.0	5.6	2.0	8.4	3.0	5.5	4.0	4.3	5.0	18.2
201	A041		6.0	9.2	7.0	6.9	8.0	9.6	9.0	7.1	10.0	5.9	11.0	3.2	12.0	3.5	13.0	0.	0.	0.	0.	0.
200	A042	10	3.0	0.	4.0	3.0	5.0	27.8	6.0	15.0	7.0	11.0	8.0	13.5	9.0	11.3	10.0	10.2	11.0	8.2	12.0	0.
200	A044	8	-1.0	0.	0.	1.0	1.0	2.5	2.0	7.5	3.0	54.0	4.0	29.0	5.0	6.0	6.0	0.	0.	0.	0.	0.
200	A045	6	-1.0	0.	0.	5.0	1.0	41.0	2.0	47.0	3.0	7.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A046	6	1.0	0.	2.0	39.0	3.0	57.0	4.0	1.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A047	6	0.	0.	1.0	8.5	2.0	52.5	3.0	37.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A048	7	-1.0	0.	0.	2.5	1.0	4.5	2.0	57.0	3.0	35.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	A052	6	-1.0	0.	0.	1.0	1.0	35.0	2.0	54.5	3.0	9.5	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	A055	10	-4.0	0.	-3.0	3.0	-2.0	4.5	-1.0	8.5	0.	9.3	1.0	42.4	2.0	26.3	3.0	3.9	4.0	2.1	5.0	0.
200	B003	10	-4.0	0.	-3.0	2.5	-2.0	3.5	-1.0	7.0	0.	9.3	1.0	30.0	2.0	31.4	3.0	15.5	4.0	0.9	5.0	0.
200	D007	10	-5.0	0.	-4.0	3.5	-3.0	4.5	-2.0	7.5	-1.0	11.5	0.	14.8	1.0	26.4	2.0	28.8	3.0	3.0	4.0	0.
200	E001	12	1.0	0.	2.0	1.0	3.0	1.0	4.0	15.0	5.0	37.4	6.0	14.0	7.0	11.4	8.0	6.6	9.0	4.5	10.0	4.4
201	E001		11.0	4.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E002	12	1.0	0.	2.0	1.0	3.0	12.0	4.0	52.5	5.0	23.2	6.0	2.1	7.0	1.5	8.0	2.2	9.0	2.0	10.0	1.2
201	E002		11.0	2.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E003	12	1.0	0.	2.0	3.0	3.0	12.0	4.0	33.0	5.0	32.5	6.0	5.0	7.0	3.1	8.0	3.8	9.0	3.0	10.0	1.9
201	E003		11.0	2.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E004	11	3.0	0.	4.0	3.0	5.0	22.6	6.0	15.3	7.0	15.7	8.0	16.0	9.0	11.2	10.0	6.7	11.0	5.8	12.0	3.7
201	E004		13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E005	15	0.	0.	1.0	0.6	2.0	4.2	3.0	6.4	4.0	8.7	5.0	14.8	6.0	8.8	7.0	9.9	8.0	11.6	9.0	12.2
201	E005		10.0	9.8	11.0	4.6	12.0	3.7	13.0	4.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E006	13	3.0	0.	4.0	1.0	5.0	8.2	6.0	8.5	7.0	13.2	8.0	15.1	9.0	14.9	10.0	15.0	11.0	10.6	12.0	6.7
201	E006		13.0	3.9	14.0	2.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E007	12	3.0	0.	4.0	0.3	5.0	4.4	6.0	7.1	7.0	11.8	8.0	18.1	9.0	23.7	10.0	14.9	11.0	11.7	12.0	5.2
201	E007		13.0	2.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E008	12	3.0	0.	4.0	1.3	5.0	10.6	6.0	13.6	7.0	13.2	8.0	18.3	9.0	16.1	10.0	12.1	11.0	8.1	12.0	4.0
201	E008		13.0	2.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E009	14	2.0	0.	3.0	0.5	4.0	2.1	5.0	15.5	6.0	18.7	7.0	13.6	8.0	11.5	9.0	10.8	10.0	9.0	11.0	6.8
201	F009		12.0	4.9	13.0	3.0	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E010	12	3.0	0.	4.0	0.9	5.0	7.1	6.0	14.5	7.0	20.2	8.0	17.9	9.0	12.5	10.0	9.0	11.0	8.9	12.0	4.5
201	E010		13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E011	13	3.0	0.	4.0	0.2	5.0	3.3	6.0	8.2	7.0	14.1	8.0	15.7	9.0	17.6	10.0	12.3	11.0	13.6	12.0	8.0
201	E011		13.0	4.0	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E012	15	3.0	0.	4.0	1.7	5.0	1.6	6.0	4.5	7.0	6.5	8.0	8.9	9.0	14.7	10.0	12.9	11.0	15.2	12.0	12.0
201	E012		13.0	9.5	14.0	6.0	15.0	3.5	16.0	3.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E013	14	3.0	0.	4.0	0.5	5.0	1.2	6.0	3.9	7.0	5.1	8.0	9.7	9.0	18.4	10.0	17.2	11.0	16.2	12.0	12.8
201	E013		13.0	8.1	14.0	4.3	15.0	2.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E014	12	1.0	0.	2.0	8.0	3.0	54.0	4.0	24.0	5.0	7.0	6.0	1.8	7.0	1.0	8.0	1.1	9.0	0.8	10.0	0.7
201	E014		11.0	1.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E015	13	0.	0.	1.0	2.0	2.0	11.0	3.0	18.0	4.0	45.0	5.0	16.3	6.0	2.4	7.0	1.6	8.0	1.7	9.0	0.9
201	E015		10.0	1.0	11.0	0.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E016	12	1.0	0.	2.0	5.0	3.0	12.0	4.0	42.0	5.0	23.9	6.0	5.5	7.0	2.1	8.0	3.8	9.0	2.3	10.0	1.5
201	E016		11.0	1.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	E018	13	3.0	0.	4.0	3.2	5.0	10.4	6.0	11.9	7.0	15.1	8.0	16.1	9.0	11.2	10.0	10.2	11.0	9.9	12.0	5.5
201	E018		13.0	3.3	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L090	5	2.0	0.	2.5	27.0	3.0	45.0	3.5	28.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L091	7	0.5	0.	1.0	36.0	1.5	38.0	2.0	22.0	2.5	3.0	3.0	1.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L092	6	1.5	0.	2.0	1.0	2.5	32.0	3.0	49.0	3.5	18.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L093	8	0.5	0.	1.0	10.0	1.5	23.0	2.0	33.0	2.5	19.5	3.0	11.5	3.5	3.0	4.0	0.	0.	0.	0.	0.
200	L094	7	1.0	0.	1.5	15.0	2.0	28.0	2.5	37.0	3.0	15.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	L095	7	0.5	0.	1.0	7.0	1.5	37.0	2.0	39.0	2.5	15.0	3.0	2.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L096	6	0.5	0.	1.0	1.0	1.5	43.0	2.0	42.0	2.5	14.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L097	7	0.	0.	0.5	4.0	1.0	47.0	1.5	29.0	2.0	16.5	2.5	3.5	3.0	0.	0.	0.	0.	0.	0.	0.
200	L098	7	0.	0.	0.5	35.0	1.0	32.0	1.5	21.0	2.0	11.0	2.5	1.0	3.0	0.	0.	0.	0.	0.	0.	0.
200	L099	8	-1.0	0.	-0.5	2.1	0.	33.0	0.5	36.2	1.0	18.6	1.5	7.2	2.0	3.1	2.5	0.	0.	0.	0.	0.
200	L100	6	1.0	0.	1.5	28.0	2.0	44.0	2.5	22.0	3.0	6.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L101	6	1.0	0.	1.5	12.0	2.0	54.0	2.5	26.5	3.0	7.5	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L102	6	1.0	0.	1.5	1.0	2.0	43.0	2.5	37.0	3.0	19.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L103	6	1.0	0.	1.5	31.5	2.0	48.5	2.5	17.0	3.0	3.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L104	7	0.5	0.	1.0	4.0	1.5	36.0	2.0	43.0	2.5	14.0	3.0	3.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L105	6	1.0	0.	1.5	38.0	2.0	48.0	2.5	12.0	3.0	2.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L106	6	0.5	0.	1.0	25.0	1.5	39.0	2.0	28.0	2.5	8.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L107	9	-0.5	0.	0.	2.0	0.5	3.0	1.0	35.0	1.5	29.0	2.0	22.0	2.5	6.0	3.0	3.0	3.5	0.	0.	0.
200	L108	7	0.5	0.	1.0	5.0	1.5	46.0	2.0	38.0	2.5	9.0	3.0	2.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L109	7	0.	0.	0.5	6.0	1.0	36.0	1.5	28.0	2.0	23.0	2.5	7.0	3.0	0.	0.	0.	0.	0.	0.	0.
200	L110	7	0.	0.	0.5	11.0	1.0	49.0	1.5	26.0	2.0	12.0	2.5	2.0	3.0	0.	0.	0.	0.	0.	0.	0.
200	L111	7	-5.0	0.	-4.0	8.1	-3.0	24.8	-2.0	46.6	-1.0	17.9	0.	2.7	1.0	0.	0.	0.	0.	0.	0.	0.
200	L112	9	-4.0	0.	-3.0	38.2	-2.0	23.3	-1.0	13.5	0.	6.1	1.0	7.6	2.0	7.1	3.0	4.0	4.0	0.	0.	0.
200	L113	6	1.5	0.	2.0	8.0	2.5	37.0	3.0	40.0	3.5	15.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L114	6	1.5	0.	2.0	33.0	2.5	32.5	3.0	28.0	3.5	6.5	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L115	7	0.5	0.	1.0	21.5	1.5	35.5	2.0	31.5	2.5	9.5	3.0	2.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L116	7	-0.5	0.	0.	1.0	0.5	56.0	1.0	32.0	1.5	7.5	2.0	3.5	2.5	0.	0.	0.	0.	0.	0.	0.

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	L117	10	-4.0	0.	-3.0	18.4	-2.0	15.4	-1.0	17.9	0.	21.3	1.0	11.0	2.0	8.5	3.0	6.5	4.0	1.0	5.0	0.
200	L118	8	-0.5	0.	0.	3.0	0.5	52.0	1.0	22.0	1.5	16.0	2.0	5.0	2.5	2.0	3.0	0.	0.	0.	0.	0.
200	L119	7	-1.5	0.	-1.0	6.0	-0.5	59.0	0.	27.0	0.5	6.5	1.0	1.5	1.5	0.	0.	0.	0.	0.	0.	0.
200	L120	9	-0.5	0.	0.	5.0	0.5	41.0	1.0	22.0	1.5	12.0	2.0	12.0	2.5	6.0	3.0	2.0	3.5	0.	0.	0.
200	L121	9	-1.5	0.	-1.0	0.5	-0.5	0.5	0.	4.0	0.5	67.0	1.0	23.0	1.5	3.0	2.0	2.0	2.5	0.	0.	0.
200	L122	6	0.5	0.	1.0	1.0	1.5	62.0	2.0	34.0	2.5	3.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L123	7	-2.0	0.	-1.0	5.0	0.	9.0	1.0	62.0	2.0	22.0	3.0	2.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	L124	8	0.	0.	0.5	2.0	1.0	53.0	1.5	30.0	2.0	11.0	2.5	3.0	3.0	1.0	3.5	0.	0.	0.	0.	0.
200	L125	7	-1.0	0.	0.	0.5	1.0	22.5	2.0	38.0	3.0	34.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	L126	7	-0.5	0.	0.	5.0	0.5	60.0	1.0	29.0	1.5	4.0	2.0	2.0	2.5	0.	0.	0.	0.	0.	0.	0.
200	L127	9	-0.5	0.	0.	6.0	0.5	52.0	1.0	27.0	1.5	9.0	2.0	3.0	2.5	2.0	3.0	1.0	3.5	0.	0.	0.
200	L128	7	0.	0.	0.5	1.0	1.0	39.0	1.5	41.0	2.0	17.0	2.5	2.0	3.0	0.	0.	0.	0.	0.	0.	0.
200	L129	7	-2.0	1.0	-1.0	1.0	0.	1.0	1.0	56.0	2.0	38.0	3.0	4.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	L130	7	0.5	0.	1.0	10.0	1.5	35.0	2.0	41.0	2.5	12.0	3.0	2.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L131	9	0.5	0.	1.0	1.0	1.5	3.0	2.0	31.0	2.5	28.0	3.0	27.0	3.5	9.0	4.0	1.0	4.5	0.	0.	0.
200	L132	7	1.5	0.	2.0	1.0	2.5	2.0	3.0	41.0	3.5	50.0	4.0	6.0	4.5	0.0	0.	0.	0.	0.	0.	0.
200	L133	8	0.5	0.	1.0	1.0	1.5	2.0	2.0	24.0	2.5	46.0	3.0	21.0	3.5	6.0	4.0	0.	0.	0.	0.	0.
200	L134	8	-0.5	0.	0.	1.0	0.5	3.0	1.0	40.0	1.5	36.0	2.0	15.0	2.5	5.0	3.0	0.	0.	0.	0.	0.
200	L135	10	1.0	0.	1.5	1.0	2.0	1.0	2.5	2.0	3.0	31.0	3.5	48.0	4.0	10.0	4.5	5.0	5.0	2.0	5.5	0.
200	L136	9	1.0	0.	1.5	1.0	2.0	20.0	2.5	37.0	3.0	30.0	3.5	10.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.
200	L137	13	-2.0	0.	-1.5	6.0	-1.0	17.0	-0.5	27.0	0.	14.0	0.5	7.0	1.0	1.0	1.5	1.0	2.0	2.0	2.5	9.0
201	L137		3.0	11.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L138	11	0.	0.	0.5	1.0	1.0	3.0	1.5	19.0	2.0	40.0	2.5	14.0	3.0	12.0	3.5	8.0	4.0	1.0	4.5	2.0
201	L138		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L139	9	1.0	0.	1.5	1.0	2.0	42.0	2.5	36.0	3.0	16.0	3.5	2.0	4.0	2.0	4.5	1.0	5.0	0.	0.	0.
200	L140	10	-1.0	0.	-0.5	1.0	0.	1.0	0.5	2.0	1.0	50.0	1.5	37.0	2.0	4.0	2.5	2.0	3.0	3.0	3.5	0.
200	L141	13	-2.0	0.	-1.5	6.0	-1.0	6.0	-0.5	8.0	0.	13.0	0.5	30.0	1.0	9.0	1.5	4.0	2.0	8.0	2.5	2.0
201	L141		3.0	10.0	3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L142	9	-0.5	0.	0.	3.0	0.5	4.0	1.0	9.0	1.5	25.0	2.0	45.0	2.5	12.0	3.0	2.0	3.5	0.	0.	0.
200	L143	10	-0.5	0.	0.	1.0	0.5	1.0	1.0	4.0	1.5	6.0	2.0	27.0	2.5	26.0	3.0	27.0	3.5	8.0	4.0	0.
200	L144	11	-1.5	0.	-1.0	1.0	-0.5	1.0	0.	1.0	0.5	1.0	1.0	27.0	1.5	41.0	2.0	22.0	2.5	5.0	3.0	1.0
201	L144		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L145	12	-1.5	0.	1.0	2.0	-0.5	1.0	0.	1.0	0.5	5.0	1.0	25.0	1.5	27.0	2.0	23.0	2.5	9.0	3.0	5.0
201	L145		3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L146	7	0.5	0.	1.0	1.0	1.5	45.0	2.0	24.0	2.5	23.0	3.0	7.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	L147	10	-1.5	0.	-1.0	2.5	-0.5	3.5	0.	9.0	0.5	35.0	1.0	41.0	1.5	7.0	2.0	1.0	2.5	1.0	3.0	0.
200	L148	10	-0.5	0.	0.	2.0	0.5	6.0	1.0	23.0	1.5	24.0	2.0	23.0	2.5	13.0	3.0	7.0	3.5	2.0	4.0	0.
200	L149	13	-2.0	0.	-1.5	2.0	-1.0	3.0	-0.5	3.0	0.	6.0	0.5	36.0	1.0	25.0	1.5	8.0	2.0	6.0	2.5	5.0
201	L149		3.0	3.0	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	L150	9	-0.5	0.	0.	2.0	0.5	2.0	1.0	6.0	1.5	30.0	2.0	45.0	2.5	12.0	3.0	3.0	3.5	0.	0.	0.
200	L151	7	-1.0	0.	0.	1.0	1.0	1.0	2.0	46.0	3.0	48.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	L152	9	-0.5	0.	0.	2.0	0.5	3.0	1.0	49.0	1.5	31.0	2.0	12.0	2.5	2.0	3.0	1.0	3.5	0.	0.	0.
200	M001A	14	2.0	0.	3.0	1.4	4.0	2.9	5.0	7.1	6.0	16.9	7.0	12.3	8.0	14.8	9.0	14.4	10.0	9.5	11.0	9.2
201	M001A		12.0	5.5	13.0	3.1	14.0	2.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M003A	16	1.0	0.	2.0	1.2	3.0	1.6	4.0	3.9	5.0	7.9	6.0	3.6	7.0	7.3	8.0	14.4	9.0	18.3	10.0	13.0
201	M003A		11.0	12.8	12.0	6.5	13.0	4.8	14.0	2.7	15.0	2.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M005A	14	3.0	0.	4.0	1.3	5.0	1.9	6.0	8.4	7.0	5.1	8.0	18.3	9.0	22.2	10.0	15.0	11.0	12.8	12.0	8.0
201	M005A		13.0	4.0	14.0	2.0	15.0	1.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M006A	22	-6.0	0.	-5.0	3.5	-4.0	1.5	-3.0	2.0	-2.0	2.5	-1.0	4.0	0.	1.0	1.0	3.5	2.0	8.3	3.0	14.4
201	M006A		4.0	14.4	5.0	9.8	6.0	1.6	7.0	2.9	8.0	6.6	9.0	8.0	10.0	6.8	11.0	4.4	12.0	2.5	13.0	1.3
202	M006A		14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M007A	16	1.0	0.	2.0	2.3	3.0	11.5	4.0	28.1	5.0	10.1	6.0	2.4	7.0	4.4	8.0	7.5	9.0	10.2	10.0	8.2
201	M007A		11.0	6.3	12.0	4.0	13.0	2.4	14.0	1.4	15.0	1.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M008A	13	3.0	0.	4.0	1.5	5.0	2.5	6.0	4.2	7.0	10.9	8.0	18.8	9.0	19.1	10.0	12.4	11.0	15.6	12.0	8.5
201	M008A		13.0	4.5	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M009A	26	-10.0	0.	-9.0	3.8	-8.0	2.2	-7.0	3.0	-6.0	4.0	-5.0	5.0	-4.0	6.0	-3.0	6.5	-2.0	7.5	-1.0	10.5
201	M009A		0.	3.2	1.0	7.1	2.0	6.4	3.0	9.1	4.0	5.8	5.0	2.9	6.0	1.8	7.0	1.9	8.0	2.7	9.0	3.2
202	M009A		10.0	3.2	11.0	1.5	12.0	1.2	13.0	0.6	14.0	0.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M010A	14	3.0	0.	4.0	1.2	5.0	13.8	6.0	11.0	7.0	10.5	8.0	13.6	9.0	11.7	10.0	14.9	11.0	8.3	12.0	7.0
201	M010A		13.0	4.3	14.0	2.1	15.0	1.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M011A	27	-10.0	0.	-9.0	3.3	-8.0	1.9	-7.0	2.8	-6.0	3.5	-5.0	4.0	-4.0	5.5	-3.0	8.0	-2.0	3.0	-1.0	1.8
201	M011A		0.	0.6	1.0	2.9	2.0	8.3	3.0	12.6	4.0	9.0	5.0	7.3	6.0	3.7	7.0	3.1	8.0	3.6	9.0	3.7
202	M011A		10.0	3.9	11.0	1.8	12.0	1.6	13.0	1.2	14.0	0.6	15.0	1.0	16.0	0.	0.	0.	0.	0.	0.	0.
200	M012A	15	2.0	0.	3.0	2.9	4.0	12.4	5.0	24.2	6.0	8.7	7.0	7.6	8.0	8.8	9.0	10.1	10.0	7.6	11.0	6.7
201	M012A		12.0	4.0	13.0	3.0	14.0	1.8	15.0	2.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M013A	25	-10.0	0.	-9.0	4.5	-8.0	5.5	-7.0	8.5	-6.0	6.5	-5.0	7.0	-4.0	7.5	-3.0	8.5	-2.0	8.0	-1.0	12.9
201	M013A		0.	0.9	1.0	0.9	2.0	3.7	3.0	7.0	4.0	5.3	5.0	2.7	6.0	1.8	7.0	1.4	8.0	2.2	9.0	1.2
202	M013A		10.0	1.4	11.0	0.6	12.0	0.6	13.0	1.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M014B	24	-7.0	0.	-6.0	3.4	-5.0	2.1	-4.0	2.5	-3.0	3.5	-2.0	5.0	-1.0	2.2	0.	1.9	1.0	2.2	2.0	10.9
201	M014B		3.0	13.1	4.0	10.0	5.0	12.4	6.0	4.5	7.0	5.5	8.0	3.6	9.0	4.2	10.0	4.5	11.0	2.4	12.0	2.0
202	M014B		13.0	1.6	14.0	0.8	15.0	1.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M016A	26	-9.0	0.	-8.0	4.4	-7.0	1.6	-6.0	2.5	-5.0	3.0	-4.0	4.0	-3.0	4.5	-2.0	5.0	-1.0	6.9	0.	2.1
201	M016A		1.0	3.8	2.0	9.4	3.0	12.6	4.0	10.5	5.0	13.3	6.0	3.3	7.0	2.3	8.0	1.9	9.0	2.0	10.0	1.7
202	M016A		11.0	1.6	12.0	1.1	13.0	1.0	14.0	0.6	15.0	1.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M017A	15	2.0	0.	3.0	16.9	4.0	55.6	5.0	16.6	6.0	3.6	7.0	1.0	8.0	1.2	9.0	0.	10.0	1.2	11.0	0.3
201	M017A		12.0	0.3	13.0	0.3	14.0	0.3	15.0	2.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M019A	13	2.0	0.	3.0	9.0	4.0	32.0	5.0	46.6	6.0	3.1	7.0	1.5	8.0	1.2	9.0	2.0	10.0	0.6	11.0	1.2
201	M019A		12.0	0.8	13.0	1.9	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M019B	15	-2.0	0.	-1.0	2.0	0.	1.0	1.0	1.5	2.0	6.5	3.0	17.0	4.0	32.0	5.0	22.5	6.0	3.5	7.0	2.1
201	M019B		8.0	1.8	9.0	2.3	10.0	2.2	11.0	5.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M020A	14	2.0	0.	3.0	4.3	4.0	34.3	5.0	28.0	6.0	6.7	7.0	3.5	8.0	5.7	9.0	4.6	10.0	5.3	11.0	2.6
201	M020A		12.0	2.0	13.0	1.2	14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M021B	22	-8.0	0.	-7.0	3.5	-6.0	2.0	-5.0	2.5	-4.0	3.5	-3.0	4.5	-2.0	5.0	-1.0	7.4	0.	3.6	1.0	4.6
201	M021B		2.0	13.2	3.0	15.0	4.0	10.0	5.0	8.4	6.0	2.8	7.0	2.0	8.0	2.3	9.0	2.9	10.0	2.1	11.0	1.8
202	M021B		12.0	2.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M022A	26	-9.0	0.	-8.0	4.7	-7.0	2.3	-6.0	3.5	-5.0	4.5	-4.0	5.0	-3.0	7.0	-2.0	7.0	-1.0	7.3	0.	2.1
201	M022A		1.0	1.2	2.0	3.8	3.0	10.6	4.0	15.3	5.0	7.4	6.0	2.4	7.0	3.3	8.0	1.7	9.0	3.1	10.0	3.2
202	M022A		11.0	1.0	12.0	1.2	13.0	0.8	14.0	0.6	15.0	1.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M023A	14	2.0	0.	3.0	1.6	4.0	30.8	5.0	21.4	6.0	5.6	7.0	4.5	8.0	6.1	9.0	6.6	10.0	8.6	11.0	6.8
201	M023A		12.0	3.5	13.0	2.2	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Code Line 200 Grain Size Analyses

Code line 200 contains the weight percent of material contained in each size grade expressed in phi units (Krumbein, 1934). These weights were determined by pipetting (silt-clay range), settling tube (sand) (Schlee, 1966) and sieving (gravel).

Two numbers are given for each size grade: (1) the phi class, and following it, (2) the weight percent of material of larger particle size than this phi number but smaller than the next larger class. The phi number thus may be thought of as representing a sieve; the weight percent represents the amount of material retained on such a sieve. Table 1 gives examples of sizes in millimeters equivalent to units of phi (Size in mm. = $2^{-(phi)}$).

Acknowledgements

The grain size analyses were made by John Schlee, assisted by J.R. Frothingham, Jr., and Carlyle R. Hayes.

Table 2 Phi Values

Phi	Millimeters	Phi	Millimeter	Phi	Millimeter
-10	1024.0	0	1.0	10	.00098 (1 micrometer)
- 9	512.0	1	.5	11	.00049
- 8	256.0	2	.25	12	.00025
- 7	128.0	3	.125	13	.00013
- 6	64.0	4	.0625	14	.00006
- 5	32.0	5	.0313	15	.00003
- 4	16.0	6	.0156	16	.000015
- 3	8.0	7	.0078	17	.000008
- 2	4.0	8	.0039		
- 1	2.0	9	.00195		

Explanation of headings

CODE #	200 denotes grain size analysis data
STATION #	As described under code line 100 above
PHI CLASS	See introduction and table above
WT. %	Weight of fraction in percent of total sample

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Position of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
200	Code No.	3-5	A	3		
(201-209	Station No.	8-11	A	4		
used as	Station letter	12	A	1		
needed for	Subsample letter	13	A	1		
continua-	No. of classes	19-20	I	2		
tion)	Phi class	21-25	F	5	24	1
	Frequency	26-30	F	5	29	1
	Phi class	31-35	F	5	34	1
	Frequency	36-40	F	5	39	1

(Phi class and frequency repeated similarly through 120)

201-209 same format except for omission of No. of classes in positions 19-20.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	M024B	24	-7.0	0.	-6.0	4.1	-5.0	1.9	-4.0	2.5	-3.0	3.5	-2.0	4.5	-1.0	3.2	0.	0.6	1.0	4.4	2.0	7.6
201	M024B		3.0	10.0	4.0	7.6	5.0	8.2	6.0	3.3	7.0	4.0	8.0	7.1	9.0	7.5	10.0	6.3	11.0	5.5	12.0	3.4
202	M024B		13.0	2.3	14.0	1.2	15.0	1.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M025A	24	-7.0	0.	-6.0	3.7	-5.0	1.3	-4.0	2.5	-3.0	2.5	-2.0	3.0	-1.0	4.4	0.	2.7	1.0	3.3	2.0	5.5
201	M025A		3.0	9.0	4.0	6.3	5.0	4.6	6.0	3.0	7.0	2.1	8.0	12.0	9.0	9.3	10.0	8.3	11.0	6.7	12.0	4.5
202	M025A		13.0	2.7	14.0	1.4	15.0	1.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M026A	28	-12.0	0.	-11.0	4.7	-10.0	4.3	-9.0	7.5	-8.0	10.5	-7.0	12.0	-6.0	14.0	-5.0	6.0	-4.0	6.0	-3.0	6.0
201	M026A		-2.0	5.0	-1.0	5.8	0.	0.7	1.0	1.5	2.0	2.8	3.0	1.6	4.0	0.6	5.0	1.0	6.0	0.5	7.0	0.7
202	M026A		8.0	1.8	9.0	2.1	10.0	1.5	11.0	1.3	12.0	0.8	13.0	0.5	14.0	0.5	15.0	0.	0.	0.	0.	0.
200	M027A	23	-6.0	0.	-5.0	3.5	-4.0	1.5	-3.0	2.0	-2.0	2.5	-1.0	3.5	0.	1.6	1.0	3.0	2.0	6.3	3.0	7.4
201	M027A		4.0	9.8	5.0	8.8	6.0	2.4	7.0	4.3	8.0	8.5	9.0	9.5	10.0	7.6	11.0	6.3	12.0	4.3	13.0	3.0
202	M027A		14.0	1.7	15.0	2.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M028A	13	3.0	0.	4.0	1.7	5.0	2.7	6.0	1.0	7.0	10.8	8.0	20.1	9.0	20.8	10.0	15.8	11.0	13.1	12.0	8.0
201	M028A		13.0	3.7	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M029A	26	-11.0	0.	-10.0	3.6	-9.0	1.6	-8.0	2.3	-7.0	3.5	-6.0	3.5	-5.0	4.5	-4.0	6.0	-3.0	6.0	-2.0	7.0
201	M029A		-1.0	8.5	0.	0.5	1.0	2.1	2.0	4.4	3.0	4.8	4.0	4.7	5.0	3.0	6.0	1.3	7.0	3.5	8.0	7.9
202	M029A		9.0	8.4	10.0	5.8	11.0	4.3	12.0	1.9	13.0	1.1	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M030A	28	-12.0	0.	-11.0	4.7	-10.0	1.8	-9.0	2.5	-8.0	3.0	-7.0	3.0	-6.0	3.5	-5.0	4.5	-4.0	5.0	-3.0	5.0
201	M030A		-2.0	6.0	-1.0	7.4	0.	1.1	1.0	1.3	2.0	2.7	3.0	4.6	4.0	2.9	5.0	4.0	6.0	1.3	7.0	3.2
202	M030A		8.0	7.2	9.0	8.1	10.0	6.4	11.0	5.4	12.0	3.0	13.0	1.5	14.0	1.1	15.0	0.	0.	0.	0.	0.
200	M031B	14	2.0	0.	3.0	2.0	4.0	34.8	5.0	15.5	6.0	6.5	7.0	3.4	8.0	7.2	9.0	9.5	10.0	8.0	11.0	5.1
201	M031B		12.0	3.6	13.0	2.1	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M032A	12	3.0	0.	4.0	0.2	5.0	2.8	6.0	6.3	7.0	14.2	8.0	22.4	9.0	21.5	10.0	14.7	11.0	11.6	12.0	4.5
201	M032A		13.0	1.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M033A	13	3.0	0.	4.0	0.5	5.0	12.0	6.0	11.1	7.0	13.1	8.0	18.1	9.0	15.3	10.0	11.5	11.0	9.4	12.0	5.0
201	M033A		13.0	2.4	14.0	1.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M034B	12	3.0	0.	4.0	0.4	5.0	1.0	6.0	5.7	7.0	10.8	8.0	30.2	9.0	10.5	10.0	19.7	11.0	15.7	12.0	3.6
201	M034B		13.0	2.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M035A	12	3.0	0.	4.0	2.9	5.0	6.2	6.0	5.9	7.0	9.8	8.0	19.6	9.0	20.4	10.0	14.9	11.0	11.4	12.0	5.7
201	M035A		13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M036A	25	-11.0	0.	-10.0	4.5	-9.0	2.0	-8.0	2.5	-7.0	3.5	-6.0	4.0	-5.0	4.5	-4.0	5.5	-3.0	6.5	-2.0	6.0
201	M036A		-1.0	8.1	0.	2.0	1.0	5.4	2.0	8.5	3.0	10.5	4.0	6.1	5.0	3.6	6.0	1.2	7.0	1.7	8.0	2.5
202	M036A		9.0	3.7	10.0	3.1	11.0	2.2	12.0	2.4	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M037A	10	3.0	0.	4.0	1.4	5.0	2.6	6.0	6.7	7.0	8.0	8.0	15.3	9.0	23.6	10.0	17.7	11.0	24.7	12.0	0.
200	M038A	18	-1.0	0.	0.	3.8	1.0	6.7	2.0	16.7	3.0	21.0	4.0	11.1	5.0	3.8	6.0	2.1	7.0	3.5	8.0	9.8
201	M038A		9.0	4.3	10.0	2.3	11.0	4.0	12.0	2.9	13.0	2.0	14.0	1.7	15.0	4.3	16.0	0.	0.	0.	0.	0.
200	M039A	11	4.0	0.	5.0	2.8	6.0	3.0	7.0	19.7	8.0	30.4	9.0	15.4	10.0	14.4	11.0	8.3	12.0	4.0	13.0	2.0
201	M039A		14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M040A	11	4.0	0.	5.0	0.6	6.0	4.6	7.0	12.9	8.0	23.8	9.0	22.0	10.0	14.5	11.0	12.6	12.0	6.0	13.0	3.0
201	M040A		14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M041A	24	-9.0	0.	-8.0	3.7	-7.0	2.1	-6.0	2.9	-5.0	3.8	-4.0	4.5	-3.0	6.0	-2.0	6.5	-1.0	10.8	0.	3.2
201	M041A		1.0	6.5	2.0	9.7	3.0	12.7	4.0	6.0	5.0	4.4	6.0	2.0	7.0	3.5	8.0	4.9	9.0	2.7	10.0	1.5
202	M041A		11.0	1.1	12.0	0.6	13.0	0.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M042A	14	3.0	0.	4.0	6.7	5.0	7.0	6.0	9.7	7.0	9.5	8.0	18.9	9.0	10.6	10.0	13.7	11.0	10.9	12.0	6.5
201	M042A		13.0	3.5	14.0	1.8	15.0	1.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M043A	24	-9.0	0.	-8.0	3.7	-7.0	2.1	-6.0	3.2	-5.0	4.0	-4.0	4.5	-3.0	5.5	-2.0	7.0	-1.0	10.5	0.	3.3
201	M043A		1.0	4.9	2.0	12.4	3.0	10.7	4.0	7.9	5.0	3.3	6.0	2.1	7.0	2.2	8.0	4.8	9.0	2.1	10.0	2.6
202	M043A		11.0	1.5	12.0	0.9	13.0	1.1	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M044A	19	-6.0	0.	-5.0	3.2	-4.0	3.3	-3.0	4.5	-2.0	8.0	-1.0	2.6	0.	0.	1.0	0.	2.0	5.4	3.0	29.5
201	M044A		4.0	15.6	5.0	8.4	6.0	3.5	7.0	4.1	8.0	5.2	9.0	3.4	10.0	2.4	11.0	2.2	12.0	0.	0.	0.
200	M045A	14	-1.0	0.	0.	3.2	1.0	3.1	2.0	33.0	3.0	15.8	4.0	15.8	5.0	13.7	6.0	2.4	7.0	2.4	8.0	2.4
201	M045A		9.0	3.0	10.0	3.1	11.0	2.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M046A	9	1.5	0.	2.0	1.0	2.5	5.3	3.0	18.7	3.5	30.0	4.0	27.0	4.5	14.0	5.0	4.0	5.5	0.	0.	0.
200	M049A	9	0.5	0.	1.0	1.0	1.5	41.0	2.0	36.0	2.5	8.0	3.0	0.	3.5	2.0	4.0	12.0	4.5	0.	0.	0.
200	M050A	13	2.0	0.	3.0	15.1	4.0	64.6	5.0	9.7	6.0	2.6	7.0	2.1	8.0	1.1	9.0	0.7	10.0	1.5	11.0	1.6
201	M050A		12.0	0.8	13.0	1.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M051C	16	-1.0	0.	0.	2.5	1.0	4.3	2.0	11.7	3.0	18.4	4.0	18.6	5.0	10.5	6.0	4.7	7.0	5.4	8.0	6.2
201	M051C		9.0	6.9	10.0	4.4	11.0	3.4	12.0	1.6	13.0	1.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M052B	14	2.0	0.	3.0	2.8	4.0	20.7	5.0	20.5	6.0	9.5	7.0	9.2	8.0	7.6	9.0	9.7	10.0	7.8	11.0	4.7
201	M052B		12.0	3.2	13.0	2.0	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M053A	27	-11.0	0.	-10.0	3.7	-9.0	1.3	-8.0	2.0	-7.0	2.0	-6.0	2.5	-5.0	3.5	-4.0	3.0	-3.0	4.0	-2.0	5.0
201	M053A		-1.0	7.7	0.	1.4	1.0	3.5	2.0	5.9	3.0	10.8	4.0	8.0	5.0	5.8	6.0	4.2	7.0	4.6	8.0	5.8
202	M053A		9.0	3.6	10.0	3.9	11.0	2.5	12.0	2.0	13.0	1.3	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.
200	M054A	16	0.	0.	1.0	4.8	2.0	9.5	3.0	15.6	4.0	20.9	5.0	18.4	6.0	2.7	7.0	4.8	8.0	4.7	9.0	4.3
201	M054A		10.0	5.6	11.0	3.1	12.0	2.2	13.0	1.4	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M055A	14	3.0	0.	4.0	3.6	5.0	12.0	6.0	9.5	7.0	9.7	8.0	13.0	9.0	14.9	10.0	13.9	11.0	9.4	12.0	6.4
201	M055A		13.0	3.8	14.0	2.1	15.0	1.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M056A	13	3.0	0.	4.0	0.1	5.0	1.7	6.0	5.0	7.0	12.4	8.0	18.0	9.0	18.0	10.0	16.3	11.0	13.0	12.0	8.5
201	M056A		13.0	4.3	14.0	2.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M057A	14	3.0	0.	4.0	0.1	5.0	0.4	6.0	3.8	7.0	10.8	8.0	16.0	9.0	14.2	10.0	14.3	11.0	15.4	12.0	11.5
201	M057A		13.0	7.1	14.0	3.8	15.0	2.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M058A	21	-5.0	0.	-4.0	3.8	-3.0	3.2	-2.0	4.0	-1.0	2.1	0.	1.0	1.0	11.4	2.0	14.8	3.0	14.1	4.0	6.5
201	M058A		5.0	5.5	6.0	3.2	7.0	6.3	8.0	3.9	9.0	6.8	10.0	4.8	11.0	3.3	12.0	2.0	13.0	1.5	14.0	1.7
202	M058A		15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M059A	18	0.	0.	1.0	0.5	2.0	2.8	3.0	2.2	4.0	7.6	5.0	7.9	6.0	8.0	7.0	8.7	8.0	10.5	9.0	12.2
201	M059A		10.0	11.9	11.0	9.7	12.0	7.0	13.0	4.5	14.0	3.0	15.0	1.9	16.0	1.6	17.0	0.	0.	0.	0.	0.
200	M060A	15	1.0	0.	2.0	0.6	3.0	2.2	4.0	2.7	5.0	7.8	6.0	2.3	7.0	5.9	8.0	27.8	9.0	13.1	10.0	15.9
201	M060A		11.0	11.7	12.0	6.0	13.0	2.6	14.0	1.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M061A	21	-5.0	0.	-4.0	4.0	-3.0	3.0	-2.0	3.0	-1.0	1.6	0.	0.	1.0	2.5	2.0	6.6	3.0	9.2	4.0	7.2
201	M061A		5.0	4.0	6.0	2.1	7.0	4.4	8.0	10.3	9.0	14.0	10.0	9.9	11.0	7.3	12.0	5.3	13.0	3.0	14.0	2.3
202	M061A		15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M062A	12	4.0	0.	5.0	1.8	6.0	3.6	7.0	10.5	8.0	18.4	9.0	17.7	10.0	17.5	11.0	15.4	12.0	8.8	13.0	4.2
201	M062A		14.0	2.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M063A	12	4.0	0.	5.0	3.3	6.0	3.4	7.0	9.0	8.0	41.0	9.0	15.0	10.0	10.8	11.0	8.9	12.0	5.3	13.0	2.3
201	M063A		14.0	1.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M064A	11	4.0	0.	5.0	2.6	6.0	2.3	7.0	13.8	8.0	16.8	9.0	14.1	10.0	30.2	11.0	12.8	12.0	5.5	13.0	2.0
201	M064A		14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M065A	16	0.	0.	1.0	1.3	2.0	6.4	3.0	10.3	4.0	5.7	5.0	10.1	6.0	4.5	7.0	7.7	8.0	10.8	9.0	14.5
201	M065A		10.0	10.6	11.0	7.6	12.0	5.0	13.0	3.0	14.0	2.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M066A	12	4.0	0.	5.0	2.4	6.0	5.0	7.0	9.2	8.0	25.8	9.0	10.1	10.0	14.1	11.0	18.2	12.0	9.0	13.0	4.1

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	M066A		14.0	2.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M067A	14	3.0	0.	4.0	1.0	5.0	4.0	6.0	5.8	7.0	11.0	8.0	20.7	9.0	14.7	10.0	11.4	11.0	13.4	12.0	8.5
201	M067A		13.0	5.1	14.0	2.7	15.0	1.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M068A	27	-12.0	0.	-11.0	4.1	-10.0	3.4	-9.0	4.5	-8.0	7.0	-7.0	11.0	-6.0	10.0	-5.0	12.0	-4.0	11.0	-3.0	11.0
201	M068A		-2.0	10.0	-1.0	4.7	0.	0.4	1.0	1.4	2.0	2.3	3.0	1.7	4.0	1.0	5.0	1.3	6.0	0.9	7.0	1.1
202	M068A		8.0	1.6	9.0	1.0	10.0	0.6	11.0	0.5	12.0	0.2	13.0	0.2	14.0	0.	0.	0.	0.	0.	0.	0.
200	M069A	15	3.0	0.	4.0	0.3	5.0	1.9	6.0	5.5	7.0	11.1	8.0	22.8	9.0	20.1	10.0	11.1	11.0	7.2	12.0	7.0
201	M069A		13.0	5.0	14.0	3.2	15.0	2.2	16.0	2.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M070A	16	-1.0	0.	0.	4.3	1.0	5.8	2.0	13.9	3.0	16.3	4.0	10.5	5.0	1.8	6.0	6.3	7.0	14.9	8.0	8.4
201	M070A		9.0	6.9	10.0	5.4	11.0	2.9	12.0	1.4	13.0	1.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M071A	16	0.	0.	1.0	0.4	2.0	0.7	3.0	9.8	4.0	2.3	5.0	3.3	6.0	4.0	7.0	7.8	8.0	18.3	9.0	19.0
201	M071A		10.0	12.2	11.0	11.2	12.0	6.3	13.0	2.9	14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M072A	19	-2.0	0.	-1.0	3.0	0.	3.0	1.0	4.0	2.0	11.0	3.0	12.5	4.0	6.5	5.0	4.2	6.0	6.1	7.0	8.6
201	M072A		8.0	8.2	9.0	9.9	10.0	6.9	11.0	5.6	12.0	3.9	13.0	2.7	14.0	1.6	15.0	2.3	16.0	0.	0.	0.
200	M073A	13	3.0	0.	4.0	0.9	5.0	22.5	6.0	11.6	7.0	15.1	8.0	12.7	9.0	12.0	10.0	9.1	11.0	8.1	12.0	4.0
201	M073A		13.0	2.2	14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M074A	15	2.0	0.	3.0	1.1	4.0	12.3	5.0	33.4	6.0	12.4	7.0	7.3	8.0	6.8	9.0	10.0	10.0	4.7	11.0	5.4
201	M074A		12.0	3.0	13.0	2.1	14.0	1.0	15.0	1.2	16.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M075A	21	-9.0	0.	-8.0	4.7	-7.0	2.8	-6.0	4.0	-5.0	4.5	-4.0	6.0	-3.0	8.0	-2.0	9.0	-1.0	4.5	0.	0.3
201	M075A		1.0	0.8	2.0	2.3	3.0	10.7	4.0	16.9	5.0	13.7	6.0	2.8	7.0	1.6	8.0	1.4	9.0	1.1	10.0	1.0
202	M075A		11.0	3.8	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M076A	8	-6.0	0.	-5.0	85.4	-4.0	10.2	-3.0	2.6	-2.0	0.1	-1.0	0.1	0.	1.6	1.0	0.	0.	0.	0.	0.
200	M077A	14	-7.0	0.	-6.0	4.3	-5.0	6.7	-4.0	12.0	-3.0	17.0	-2.0	10.0	-1.0	9.0	0.	1.9	1.0	1.7	2.0	3.8
201	M077A		3.0	13.9	4.0	15.9	5.0	3.8	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M079A	13	-10.0	0.	-9.0	2.2	-8.0	3.8	-7.0	6.5	-6.0	11.5	-5.0	11.5	-4.0	21.5	-3.0	11.6	-2.0	13.9	-1.0	8.2
201	M079A		0.	5.3	1.0	4.0	2.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M080B	16	0.	0.	1.0	2.3	2.0	4.6	3.0	16.0	4.0	26.8	5.0	21.5	6.0	4.3	7.0	5.9	8.0	4.8	9.0	3.5
201	M080B		10.0	3.6	11.0	2.2	12.0	1.5	13.0	1.2	14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M081A	25	-8.0	0.	-7.0	4.8	-6.0	2.2	-5.0	2.5	-4.0	3.0	-3.0	4.0	-2.0	4.5	-1.0	7.4	0.	0.4	1.0	3.2
201	M081A		2.0	7.2	3.0	16.2	4.0	6.4	5.0	17.1	6.0	4.7	7.0	3.1	8.0	2.9	9.0	2.2	10.0	2.6	11.0	1.7
202	M081A		12.0	1.2	13.0	0.9	14.0	0.6	15.0	1.1	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M082A	16	3.0	0.	4.0	1.0	5.0	22.8	6.0	16.9	7.0	11.9	8.0	8.7	9.0	6.8	10.0	8.2	11.0	5.7	12.0	5.0
201	M082A		13.0	4.0	14.0	3.0	15.0	2.3	16.0	1.4	17.0	2.3	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M083A	14	3.0	0.	4.0	0.3	5.0	1.5	6.0	22.6	7.0	12.8	8.0	15.8	9.0	11.7	10.0	12.1	11.0	10.2	12.0	6.2
201	M083A		13.0	3.6	14.0	1.8	15.0	1.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M084A	12	3.0	0.	4.0	2.5	5.0	2.8	6.0	4.2	7.0	16.8	8.0	24.1	9.0	15.0	10.0	14.4	11.0	12.3	12.0	5.5
201	M084A		13.0	3.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M085A	14	3.0	0.	4.0	0.1	5.0	5.6	6.0	4.8	7.0	6.3	8.0	23.2	9.0	17.1	10.0	12.9	11.0	12.5	12.0	7.5
201	M085A		13.0	5.0	14.0	2.7	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M086A	12	4.0	0.	5.0	0.9	6.0	7.9	7.0	17.4	8.0	20.6	9.0	16.7	10.0	14.5	11.0	9.5	12.0	6.2	13.0	3.5
201	M086A		14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M087A	16	0.	0.	1.0	1.3	2.0	3.4	3.0	8.8	4.0	4.8	5.0	2.1	6.0	6.4	7.0	13.1	8.0	16.0	9.0	13.9
201	M087A		10.0	11.3	11.0	9.9	12.0	5.0	13.0	2.6	14.0	1.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M088A	15	3.0	0.	4.0	0.7	5.0	1.1	6.0	8.8	7.0	14.7	8.0	15.2	9.0	14.8	10.0	11.3	11.0	12.4	12.0	9.0
201	M088A		13.0	5.6	14.0	3.4	15.0	1.7	16.0	1.3	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M089A	14	3.0	0.	4.0	1.0	5.0	3.2	6.0	6.4	7.0	21.5	8.0	16.9	9.0	16.0	10.0	11.8	11.0	9.2	12.0	6.0
201	M089A		13.0	4.0	14.0	2.2	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M090A	17	0.	0.	1.0	1.7	2.0	1.4	3.0	2.3	4.0	5.0	5.0	4.9	6.0	5.4	7.0	15.0	8.0	16.5	9.0	15.5
201	M090A		10.0	9.9	11.0	8.4	12.0	6.5	13.0	4.0	14.0	2.3	15.0	2.2	16.0	0.	0.	0.	0.	0.	0.	0.
200	M091A	14	3.0	0.	4.0	0.7	5.0	6.0	6.0	7.1	7.0	17.1	8.0	18.6	9.0	16.0	10.0	10.9	11.0	8.6	12.0	6.5
201	M091A		13.0	4.0	14.0	2.3	15.0	2.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M092A	12	3.0	0.	4.0	2.7	5.0	6.3	6.0	12.7	7.0	23.5	8.0	21.8	9.0	13.0	10.0	11.4	11.0	5.8	12.0	2.1
201	M092A		13.0	0.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M093A	26	-10.0	0.	-9.0	3.8	-8.0	2.2	-7.0	3.5	-6.0	4.5	-5.0	6.0	-4.0	7.0	-3.0	8.0	-2.0	6.0	-1.0	4.8
201	M093A		0.	0.	1.0	0.8	2.0	6.4	3.0	15.6	4.0	3.8	5.0	3.0	6.0	4.5	7.0	4.3	8.0	5.1	9.0	3.2
202	M093A		10.0	3.4	11.0	2.0	12.0	1.4	13.0	0.7	14.0	0.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M094A	20	-1.0	0.	0.	0.5	1.0	0.5	2.0	1.6	3.0	3.4	4.0	17.5	5.0	14.9	6.0	11.7	7.0	10.3	8.0	6.5
201	M094A		9.0	4.3	10.0	7.2	11.0	4.4	12.0	3.9	13.0	3.3	14.0	2.4	15.0	2.0	16.0	1.5	17.0	2.5	18.0	0.
200	M095A	25	-8.0	0.	-7.0	4.9	-6.0	3.6	-5.0	5.0	-4.0	7.0	-3.0	9.5	-2.0	8.0	-1.0	2.0	0.	0.8	1.0	1.4
201	M095A		2.0	11.0	3.0	15.5	4.0	7.1	5.0	7.7	6.0	3.6	7.0	2.9	8.0	1.8	9.0	2.1	10.0	1.8	11.0	0.8
202	M095A		12.0	0.9	13.0	0.7	14.0	0.5	15.0	1.1	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M096A	25	-12.0	0.	-11.0	3.0	-10.0	2.5	-9.0	3.5	-8.0	4.0	-7.0	6.5	-6.0	7.5	-5.0	9.0	-4.0	9.0	-3.0	10.0
201	M096A		-2.0	10.0	-1.0	9.2	0.	3.2	1.0	3.7	2.0	4.4	3.0	9.2	4.0	1.2	5.0	1.2	6.0	0.9	7.0	0.3
202	M096A		8.0	0.3	9.0	0.3	10.0	0.2	11.0	0.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M097A	9	-7.0	0.	-6.0	1.0	-5.0	7.8	-4.0	22.9	-3.0	34.2	-2.0	26.0	-1.0	6.7	0.	1.4	1.0	0.	0.	0.
200	M099C	15	1.0	0.	2.0	2.4	3.0	12.1	4.0	42.4	5.0	14.2	6.0	6.2	7.0	3.6	8.0	4.0	9.0	3.7	10.0	3.8
201	M099C		11.0	2.1	12.0	1.7	13.0	1.3	14.0	2.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M100B	17	0.	0.	1.0	8.2	2.0	9.8	3.0	14.7	4.0	7.3	5.0	13.0	6.0	5.2	7.0	9.0	8.0	7.8	9.0	5.6
201	M100B		10.0	7.0	11.0	4.1	12.0	3.0	13.0	2.0	14.0	1.5	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.
200	M101A	14	3.0	0.	4.0	2.3	5.0	7.3	6.0	10.6	7.0	13.9	8.0	17.0	9.0	14.5	10.0	11.4	11.0	9.5	12.0	6.0
201	M101A		13.0	3.8	14.0	2.1	15.0	1.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M102A	22	-6.0	0.	-5.0	4.0	-4.0	2.5	-3.0	3.0	-2.0	4.5	-1.0	5.7	0.	3.5	1.0	7.9	2.0	9.9	3.0	8.9
201	M102A		4.0	4.6	5.0	5.5	6.0	4.7	7.0	5.7	8.0	7.7	9.0	7.0	10.0	5.0	11.0	3.8	12.0	2.6	13.0	1.6
202	M102A		14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M103A	13	3.0	0.	4.0	2.8	5.0	4.8	6.0	13.2	7.0	17.1	8.0	15.8	9.0	13.4	10.0	12.5	11.0	11.4	12.0	5.3
201	M103A		13.0	2.4	14.0	1.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M104A	18	-1.0	0.	0.	1.8	1.0	4.2	2.0	4.0	3.0	2.9	4.0	0.9	5.0	6.8	6.0	7.8	7.0	15.8	8.0	12.6
201	M104A		9.0	9.4	10.0	8.3	11.0	8.0	12.0	6.0	13.0	4.2	14.0	3.0	15.0	4.3	16.0	0.	0.	0.	0.	0.
200	M105A	17	-1.0	0.	0.	1.1	1.0	2.6	2.0	5.6	3.0	6.7	4.0	2.1	5.0	2.0	6.0	5.1	7.0	15.3	8.0	14.4
201	M105A		9.0	14.8	10.0	9.6	11.0	8.7	12.0	5.6	13.0	3.0	14.0	2.4	15.0	0.	0.	0.	0.	0.	0.	0.
200	M106A	15	2.0	0.	3.0	1.8	4.0	1.2	5.0	1.7	6.0	2.3	7.0	15.0	8.0	25.7	9.0	17.9	10.0	12.4	11.0	9.0
201	M106A		12.0	6.0	13.0	3.4	14.0	2.0	15.0	1.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M107A	16	0.	0.	1.0	2.0	2.0	6.4	3.0	11.6	4.0	7.6	5.0	3.9	6.0	3.1	7.0	10.2	8.0	17.5	9.0	11.5
201	M107A		10.0	8.9	11.0	8.3	12.0	5.0	13.0	2.7	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M108A	14	3.0	0.	4.0	0.3	5.0	2.1	6.0	4.4	7.0	10.5	8.0	23.5	9.0	18.3	10.0	14.1	11.0	10.8	12.0	7.5
201	M108A		13.0	4.5	14.0	2.4	15.0	1.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M109A	13	3.0	0.	4.0	2.3	5.0	9.4	6.0	6.9	7.0	12.7	8.0	16.7	9.0	12.4	10.0	15.9	11.0	9.7	12.0	6.2
201	M109A		13.0	3.8	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M110A	16	1.0	0.	2.0	0.2	3.0	2.0	4.0	8.8	5.0	15.9	6.0	6.3	7.0	6.6	8.0	9.7	9.0	12.6	10.0	11.2
201	M110A		11.0	9.7	12.0	7.0	13.0	4.5	14.0	2.8	15.0	2.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	M111A	16	0.	0.	1.0	0.7	2.0	1.3	3.0	5.0	4.0	7.5	5.0	15.3	6.0	8.4	7.0	7.4	8.0	9.7	9.0	12.2
201	M111A		10.0	12.2	11.0	8.0	12.0	5.8	13.0	3.3	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M112A	15	0.	0.	1.0	3.5	2.0	7.5	3.0	27.0	4.0	14.0	5.0	5.7	6.0	2.4	7.0	4.5	8.0	6.8	9.0	8.3
201	M112A		10.0	7.3	11.0	5.0	12.0	3.5	13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M113A	13	3.0	0.	4.0	0.6	5.0	0.8	6.0	6.2	7.0	9.4	8.0	18.3	9.0	19.8	10.0	16.0	11.0	13.9	12.0	9.0
201	M113A		13.0	4.0	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M114A	17	-1.0	0.	0.	2.0	1.0	4.0	2.0	20.5	3.0	29.0	4.0	12.5	5.0	5.4	6.0	1.1	7.0	3.2	8.0	3.8
201	M114A		9.0	4.4	10.0	3.7	11.0	2.9	12.0	2.5	13.0	1.6	14.0	3.4	15.0	0.	0.	0.	0.	0.	0.	0.
200	M115A	17	-1.0	0.	0.	2.5	1.0	2.5	2.0	7.0	3.0	12.0	4.0	10.5	5.0	2.3	6.0	3.1	7.0	6.2	8.0	11.1
201	M115A		9.0	12.1	10.0	10.7	11.0	7.0	12.0	5.5	13.0	3.5	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.
200	M116A	25	-12.0	0.	-11.0	4.0	-10.0	3.0	-9.0	4.0	-8.0	14.0	-7.0	12.0	-6.0	7.0	-5.0	8.0	-4.0	7.0	-3.0	7.0
201	M116A		-2.0	6.0	-1.0	7.5	0.	2.5	1.0	4.9	2.0	2.1	3.0	2.7	4.0	1.0	5.0	1.6	6.0	1.0	7.0	0.6
202	M116A		8.0	0.9	9.0	0.8	10.0	0.6	11.0	1.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M117A	13	3.0	0.	4.0	0.1	5.0	1.0	6.0	2.4	7.0	8.7	8.0	17.9	9.0	18.6	10.0	17.8	11.0	19.0	12.0	9.5
201	M117A		13.0	3.8	14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M118A	17	-1.0	0.	0.	0.5	1.0	0.5	2.0	1.0	3.0	3.8	4.0	6.9	5.0	3.6	6.0	4.2	7.0	4.3	8.0	14.2
201	M118A		9.0	17.9	10.0	14.1	11.0	12.5	12.0	8.2	13.0	4.8	14.0	3.5	15.0	0.	0.	0.	0.	0.	0.	0.
200	M119A	13	0.	0.	1.0	2.0	2.0	8.0	3.0	40.0	4.0	32.0	5.0	3.8	6.0	1.5	7.0	1.4	8.0	1.8	9.0	2.9
201	M119A		10.0	2.1	11.0	4.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M120A	13	3.0	0.	4.0	0.2	5.0	3.0	6.0	3.7	7.0	5.5	8.0	16.6	9.0	23.4	10.0	16.2	11.0	13.9	12.0	9.5
201	M120A		13.0	4.7	14.0	3.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	M121A	16	0.	0.	1.0	1.0	2.0	1.5	3.0	12.5	4.0	26.0	5.0	12.4	6.0	1.6	7.0	5.1	8.0	6.2	9.0	9.8
201	M121A		10.0	8.3	11.0	5.7	12.0	4.1	13.0	2.8	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N002A	7	-1.0	0.	0.	6.0	1.0	44.0	2.0	40.0	3.0	8.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	N003A	7	1.0	0.	1.5	1.8	2.0	14.2	2.5	49.0	3.0	30.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	N004A	8	1.0	0.	1.5	4.5	2.0	17.5	2.5	24.0	3.0	36.0	3.5	13.0	4.0	5.0	4.5	0.	0.	0.	0.	0.
200	N005A	13	0.	0.	1.0	0.5	2.0	5.5	3.0	16.0	4.0	59.0	5.0	7.7	6.0	1.9	7.0	1.5	8.0	1.6	9.0	1.1
201	N005A		10.0	1.0	11.0	4.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N006A	7	0.	0.	1.0	4.0	2.0	36.0	3.0	40.0	4.0	10.0	5.0	10.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	N007A	11	2.0	0.	3.0	62.0	4.0	22.5	5.0	6.2	6.0	1.8	7.0	0.8	8.0	1.4	9.0	0.6	10.0	0.6	11.0	4.1
201	N007A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N008A	12	1.0	0.	2.0	15.0	3.0	39.0	4.0	32.0	5.0	7.6	6.0	1.3	7.0	0.7	8.0	0.2	9.0	0.8	10.0	0.2
201	N008A		11.0	3.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N009A	12	1.0	0.	2.0	12.0	3.0	54.5	4.0	18.5	5.0	6.8	6.0	1.5	7.0	1.7	8.0	0.7	9.0	1.2	10.0	0.1
201	N009A		11.0	2.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N010A	11	2.0	0.	3.0	12.0	4.0	45.0	5.0	25.0	6.0	4.0	7.0	2.1	8.0	2.3	9.0	2.5	10.0	1.9	11.0	5.1
201	N010A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N011A	11	2.0	0.	3.0	1.0	4.0	68.0	5.0	18.6	6.0	2.6	7.0	0.9	8.0	1.5	9.0	1.6	10.0	1.4	11.0	4.5
201	N011A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N012A	11	2.0	0.	3.0	15.0	4.0	70.5	5.0	4.8	6.0	1.2	7.0	1.3	8.0	1.9	9.0	1.9	10.0	0.7	11.0	2.8
201	N012A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N013A	12	1.0	0.	2.0	24.0	3.0	40.0	4.0	31.0	5.0	1.3	6.0	0.3	7.0	0.3	8.0	0.	9.0	1.2	10.0	0.
201	N013A		11.0	2.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N014A	7	1.0	0.	1.5	2.5	2.0	22.5	2.5	52.0	3.0	20.0	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	N015A	7	1.0	0.	1.5	10.0	2.0	35.0	2.5	40.0	3.0	13.4	3.5	1.6	4.0	0.	0.	0.	0.	0.	0.	0.
200	N016A	7	1.5	0.	2.0	6.0	2.5	28.0	3.0	44.0	3.5	18.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	N017A	13	0.	0.	1.0	0.5	2.0	4.5	3.0	32.0	4.0	44.0	5.0	5.6	6.0	0.8	7.0	2.9	8.0	1.0	9.0	1.8
201	N017A		10.0	1.5	11.0	5.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N018A	11	2.0	0.	3.0	16.5	4.0	50.5	5.0	16.2	6.0	3.4	7.0	2.9	8.0	2.8	9.0	2.8	10.0	4.3	11.0	0.6
201	N018A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N019A	12	1.0	0.	2.0	2.0	3.0	7.0	4.0	53.0	5.0	26.1	6.0	1.2	7.0	2.1	8.0	2.0	9.0	1.6	10.0	1.5
201	N019A		11.0	3.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N020A	12	1.0	0.	2.0	10.0	3.0	10.0	4.0	25.0	5.0	34.0	6.0	5.6	7.0	3.0	8.0	2.2	9.0	2.6	10.0	2.2
201	N020A		11.0	5.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N021A	13	0.	0.	1.0	2.0	2.0	18.0	3.0	20.5	4.0	25.5	5.0	10.3	6.0	8.0	7.0	3.3	8.0	2.3	9.0	0.1
201	N021A		10.0	4.9	11.0	5.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N022A	15	0.	0.	1.0	2.8	2.0	43.4	3.0	15.6	4.0	5.0	5.0	12.4	6.0	4.0	7.0	3.9	8.0	3.3	9.0	3.2
201	N022A		10.0	2.0	11.0	1.6	12.0	1.0	13.0	1.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N023A	16	0.	0.	1.0	1.3	2.0	2.7	3.0	3.9	4.0	28.3	5.0	42.1	6.0	5.7	7.0	3.1	8.0	2.5	9.0	3.0
201	N023A		10.0	1.8	11.0	1.4	12.0	1.2	13.0	0.8	14.0	2.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N024A	14	2.0	0.	3.0	7.0	4.0	40.0	5.0	23.2	6.0	7.3	7.0	4.2	8.0	4.2	9.0	3.9	10.0	2.9	11.0	2.3
201	N024A		12.0	1.5	13.0	1.2	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N025A	15	1.0	0.	2.0	3.9	3.0	8.5	4.0	46.4	5.0	23.5	6.0	3.1	7.0	3.0	8.0	1.1	9.0	3.1	10.0	1.9
201	N025A		11.0	1.5	12.0	1.0	13.0	0.8	14.0	2.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N026A	12	1.0	0.	2.0	7.3	3.0	20.1	4.0	58.5	5.0	6.8	6.0	0.9	7.0	1.2	8.0	1.3	9.0	0.9	10.0	0.5
201	N026A		11.0	2.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N027A	11	2.0	0.	3.0	20.0	4.0	66.1	5.0	7.1	6.0	1.0	7.0	0.6	8.0	0.6	9.0	1.4	10.0	0.6	11.0	2.5
201	N027A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N028A	11	2.0	0.	3.0	25.0	4.0	65.7	5.0	1.9	6.0	1.0	7.0	1.0	8.0	0.3	9.0	1.7	10.0	0.7	11.0	2.3
201	N028A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N029A	9	-0.5	0.	0.	1.2	0.5	6.8	1.0	22.0	1.5	29.0	2.0	27.0	2.5	11.0	3.0	3.0	3.5	0.	0.	0.
200	N030A	7	-1.0	1.0	0.	1.0	1.0	1.5	2.0	44.0	3.0	49.0	4.0	4.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	N031A	14	1.0	0.	2.0	8.6	3.0	51.9	4.0	19.0	5.0	9.1	6.0	1.5	7.0	1.8	8.0	1.7	9.0	1.3	10.0	1.7
201	N031A		11.0	0.6	12.0	0.8	13.0	2.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N032A	13	0.	0.	1.0	3.2	2.0	14.3	3.0	24.6	4.0	25.4	5.0	16.6	6.0	2.6	7.0	2.7	8.0	2.2	9.0	4.6
201	N032A		10.0	2.2	11.0	1.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N033A	16	1.0	0.	2.0	2.5	3.0	35.1	4.0	22.4	5.0	11.3	6.0	6.5	7.0	4.2	8.0	3.3	9.0	2.7	10.0	2.9
201	N033A		11.0	2.6	12.0	1.5	13.0	1.4	14.0	1.0	15.0	2.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N034A	14	2.0	0.	3.0	8.8	4.0	24.4	5.0	29.4	6.0	8.8	7.0	6.2	8.0	4.6	9.0	4.7	10.0	4.1	11.0	3.2
201	N034A		12.0	2.1	13.0	1.5	14.0	2.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N035A	15	3.0	0.	4.0	12.3	5.0	55.8	6.0	8.9	7.0	5.2	8.0	2.4	9.0	2.5	10.0	3.1	11.0	1.8	12.0	1.8
201	N035A		13.0	1.4	14.0	1.2	15.0	1.0	16.0	2.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N036A	15	0.	0.	1.0	6.6	2.0	35.0	3.0	29.4	4.0	11.8	5.0	3.6	6.0	3.5	7.0	1.8	8.0	1.3	9.0	1.3
201	N036A		10.0	1.4	11.0	1.0	12.0	0.7	13.0	2.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N037A	13	0.	0.	1.0	4.4	2.0	57.8	3.0	24.0	4.0	2.6	5.0	2.4	6.0	2.3	7.0	0.5	8.0	1.0	9.0	1.2
201	N037A		10.0	1.2	11.0	2.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	N038A	17	0.	0.	1.0	4.5	2.0	21.4	3.0	18.0	4.0	9.7	5.0	18.6	6.0	6.5	7.0	3.7	8.0	3.0	9.0	2.3
201	N038A		10.0	2.4	11.0	2.0	12.0	1.7	13.0	1.4	14.0	1.2	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.
200	N039A	15	1.0	0.	2.0	2.3	3.0	3.5	4.0	8.7	5.0	36.9	6.0	12.5	7.0	9.4	8.0	7.6	9.0	5.1	10.0	4.6
201	N039A		11.0	2.9	12.0	2.5	13.0	1.5	14.0	2.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	N040A	11	2.0	0.	3.0	1.0	4.0	13.0	5.0	37.5	6.0	12.6	7.0	6.4	8.0	5.1	9.0	3.8	10.0	4.2	11.0	16.5		
201	N040A		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N041A	10	3.0	0.	4.0	19.3	5.0	35.5	6.0	12.1	7.0	8.5	8.0	6.5	9.0	4.4	10.0	4.9	11.0	8.8	12.0	0.		
200	N042A	17	1.0	0.	2.0	14.6	3.0	29.2	4.0	12.0	5.0	15.1	6.0	6.3	7.0	5.3	8.0	3.0	9.0	1.8	10.0	2.8		
201	N042A		11.0	1.4	12.0	1.7	13.0	1.3	14.0	1.2	15.0	1.0	16.0	3.3	17.0	0.	0.	0.	0.	0.	0.	0.		
200	N043A	14	-1.0	0.	0.	0.5	1.0	2.0	2.0	28.5	3.0	48.0	4.0	6.5	5.0	3.8	6.0	1.4	7.0	1.6	8.0	1.0		
201	N043A		9.0	1.2	10.0	1.8	11.0	3.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N044A	8	0.	0.	0.5	2.3	1.0	15.7	1.5	33.0	2.0	33.0	2.5	13.8	3.0	2.2	3.5	0.	0.	0.	0.	0.		
200	N045A	6	-1.0	0.	0.	4.0	1.0	46.0	2.0	40.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N046A	6	0.	0.	1.0	15.0	2.0	59.0	3.0	22.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N047A	17	0.	0.	1.0	8.8	2.0	13.2	3.0	51.7	4.0	11.4	5.0	3.9	6.0	0.3	7.0	1.4	8.0	1.2	9.0	1.7		
201	N047A		10.0	0.8	11.0	0.6	12.0	0.8	13.0	0.6	14.0	0.6	15.0	3.0	16.0	0.	0.	0.	0.	0.	0.	0.		
200	N048A	15	1.0	0.	2.0	35.6	3.0	39.5	4.0	8.3	5.0	3.4	6.0	1.9	7.0	1.9	8.0	1.3	9.0	1.4	10.0	1.5		
201	N048A		11.0	1.3	12.0	0.8	13.0	0.7	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N049A	15	2.0	0.	3.0	2.3	4.0	14.1	5.0	32.3	6.0	17.1	7.0	5.5	8.0	6.1	9.0	6.8	10.0	3.3	11.0	3.5		
201	N049A		12.0	2.5	13.0	2.1	14.0	1.6	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N050A	14	3.0	0.	4.0	3.1	5.0	32.6	6.0	16.2	7.0	11.7	8.0	8.8	9.0	7.0	10.0	5.9	11.0	4.7	12.0	4.0		
201	N050A		13.0	2.2	14.0	1.6	15.0	2.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N051A	17	0.	0.	1.0	3.3	2.0	14.0	3.0	9.3	4.0	4.6	5.0	24.6	6.0	11.7	7.0	7.1	8.0	5.6	9.0	5.4		
201	N051A		10.0	2.9	11.0	3.0	12.0	2.2	13.0	1.9	14.0	1.4	15.0	3.0	16.0	0.	0.	0.	0.	0.	0.	0.		
200	N052A	15	-2.0	0.	-1.0	1.0	0.	1.0	1.0	8.0	2.0	31.0	3.0	23.0	4.0	7.0	5.0	8.9	6.0	4.7	7.0	1.9		
201	N052A		8.0	2.0	9.0	2.2	10.0	1.6	11.0	7.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N053A	19	1.0	0.	2.0	2.1	3.0	6.2	4.0	15.8	5.0	33.6	6.0	10.6	7.0	4.9	8.0	5.0	9.0	2.3	10.0	2.9		
201	N053A		11.0	2.6	12.0	2.4	13.0	1.8	14.0	1.8	15.0	1.3	16.0	1.4	17.0	1.1	18.0	4.2	19.0	0.	0.	0.		
200	N054A	15	1.0	0.	2.0	1.9	3.0	5.9	4.0	17.4	5.0	16.7	6.0	43.1	7.0	2.7	8.0	4.3	9.0	1.0	10.0	1.7		
201	N054A		11.0	1.4	12.0	1.0	13.0	0.9	14.0	2.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N055A	14	2.0	0.	3.0	4.0	4.0	38.7	5.0	15.1	6.0	10.4	7.0	6.2	8.0	4.6	9.0	4.2	10.0	4.1	11.0	3.1		
201	N055A		12.0	2.6	13.0	2.2	14.0	4.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N056A	13	0.	0.	1.0	1.0	2.0	41.0	3.0	39.0	4.0	5.0	5.0	4.2	6.0	1.8	7.0	1.4	8.0	1.0	9.0	1.1		
201	N056A		10.0	0.9	11.0	3.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N057A	15	0.	0.	1.0	3.0	2.0	27.0	3.0	28.5	4.0	7.5	5.0	10.0	6.0	6.6	7.0	3.5	8.0	3.5	9.0	2.8		
201	N057A		10.0	1.8	11.0	2.2	12.0	1.2	13.0	2.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N058A	16	0.	0.	1.0	1.0	2.0	22.0	3.0	25.0	4.0	4.0	5.0	14.5	6.0	7.3	7.0	2.1	8.0	11.4	9.0	3.9		
201	N058A		10.0	2.6	11.0	2.5	12.0	1.5	13.0	1.0	14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N059A	16	0.	0.	1.0	5.9	2.0	19.8	3.0	25.6	4.0	18.2	5.0	8.7	6.0	4.8	7.0	3.6	8.0	2.4	9.0	2.3		
201	N059A		10.0	2.1	11.0	2.0	12.0	1.2	13.0	1.0	14.0	2.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N060A	15	0.	0.	1.0	2.5	2.0	32.1	3.0	36.4	4.0	5.6	5.0	9.3	6.0	2.8	7.0	2.1	8.0	1.9	9.0	1.1		
201	N060A		10.0	0.7	11.0	1.0	12.0	0.7	13.0	0.7	14.0	3.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N061	12	1.0	0.	2.0	6.0	3.0	44.0	4.0	37.9	5.0	2.1	6.0	1.3	7.0	1.6	8.0	1.5	9.0	0.5	10.0	1.2		
201	N061		11.0	3.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N062	6	0.	0.	1.0	6.0	2.0	70.0	3.0	20.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N063	5	1.0	0.	2.0	40.0	3.0	54.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N064A	13	0.	0.	1.0	3.7	2.0	31.0	3.0	38.5	4.0	16.2	5.0	3.5	6.0	0.4	7.0	0.9	8.0	1.3	9.0	1.6		
201	N064A		10.0	0.5	11.0	2.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N065A	14	2.0	0.	3.0	37.2	4.0	32.5	5.0	11.4	6.0	3.5	7.0	3.2	8.0	1.9	9.0	1.6	10.0	1.4	11.0	1.8		
201	N065A		12.0	1.2	13.0	1.0	14.0	3.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N066A	8	-4.0	0.	-3.0	2.4	-2.0	15.6	-1.0	8.0	0.	18.5	1.0	41.5	2.0	14.1	3.0	0.	0.	0.	0.	0.		
200	N067A	6	0.	0.	1.0	22.0	2.0	60.0	3.0	16.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N103	8	-3.0	0.	-2.0	2.5	-1.0	13.5	0.	21.8	1.0	44.5	2.0	13.4	3.0	4.2	4.0	0.	0.	0.	0.	0.		
200	N106	10	-3.0	0.	-2.0	0.	-1.0	0.	0.	9.0	1.0	14.0	2.0	18.0	3.0	29.0	4.0	24.0	5.0	6.0	6.0	0.		
200	N110	15	3.0	0.	4.0	3.1	5.0	18.7	6.0	9.6	7.0	8.1	8.0	9.5	9.0	11.3	10.0	10.1	11.0	8.6	12.0	6.9		
201	N110		13.0	5.2	14.0	3.7	15.0	2.3	16.0	2.9	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N128	5	1.0	0.	1.5	40.0	2.0	45.0	2.5	15.0	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N130	7	0.5	0.	1.0	4.0	1.5	44.0	2.0	32.0	2.5	14.0	3.0	6.0	3.5	0.	0.	0.	0.	0.	0.	0.		
200	N133	7	1.0	0.	1.5	25.0	2.0	35.0	2.5	28.0	3.0	8.0	3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.		
200	N140	7	1.0	0.	1.5	1.6	2.0	18.4	2.5	40.0	3.0	34.0	3.5	6.0	4.0	0.	0.	0.	0.	0.	0.	0.		
200	N145	7	0.	0.	1.0	2.0	2.0	7.0	3.0	56.0	4.0	31.0	5.0	4.0	6.0	0.	0.	0.	1.0	0.	2.0	15.7		
200	N148	14	-7.0	0.	-6.0	1.2	-5.0	4.3	-4.0	12.5	-3.0	22.0	-2.0	3.0	-1.0	4.6	0.	0.	0.	0.	0.	0.		
201	N148		3.0	21.0	4.0	12.6	5.0	3.1	6.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N151	7	1.5	0.	2.0	3.0	2.5	30.0	3.0	45.0	3.5	20.0	4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.		
200	N153	6	0.	0.	1.0	8.0	2.0	75.0	3.0	13.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	N164	10	-5.0	0.	-4.0	48.9	-3.0	32.3	-2.0	7.6	-1.0	1.4	0.	1.8	1.0	1.8	2.0	5.3	3.0	1.0	4.0	0.		
200	P001	12	3.0	0.	4.0	5.3	5.0	23.7	6.0	14.3	7.0	11.0	8.0	11.9	9.0	11.0	10.0	8.9	11.0	6.4	12.0	3.7		
201	P001		13.0	3.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P003	13	2.0	0.	3.0	10.5	4.0	12.2	5.0	24.7	6.0	8.4	7.0	7.0	8.0	7.6	9.0	6.4	10.0	5.3	11.0	4.8		
201	P003		12.0	3.6	13.0	2.8	14.0	2.2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P005	12	1.0	0.	2.0	35.0	3.0	33.0	4.0	16.0	5.0	8.9	6.0	1.9	7.0	0.7	8.0	1.0	9.0	0.9	10.0	0.3		
201	P005		11.0	3.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P006	7	-1.0	0.	0.	4.0	1.0	42.0	2.0	40.0	3.0	9.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.		
200	P009	6	0.	0.	1.0	3.0	2.0	52.0	3.0	38.0	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P012	13	1.0	0.	2.0	1.0	3.0	17.0	4.0	38.5	5.0	24.0	6.0	3.7	7.0	2.4	8.0	2.3	9.0	2.3	10.0	2.2		
201	P012		11.0	1.9	12.0	4.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P014	16	1.0	0.	2.0	1.0	3.0	4.0	4.0	8.0	5.0	20.1	6.0	11.2	7.0	8.8	8.0	7.8	9.0	8.5	10.0	8.7		
201	P014		11.0	6.2	12.0	5.1	13.0	3.7	14.0	2.6	15.0	4.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P016	13	3.0	0.	4.0	3.7	5.0	6.6	6.0	23.3	7.0	11.3	8.0	13.2	9.0	12.3	10.0	11.0	11.0	7.6	12.0	5.0		
201	P016		13.0	3.0	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P018	12	3.0	0.	4.0	0.7	5.0	10.4	6.0	12.9	7.0	12.1	8.0	15.1	9.0	15.1	10.0	16.0	11.0	8.8	12.0	5.1		
201	P018		13.0	3.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P020	15	2.0	0.	3.0	3.7	4.0	5.2	5.0	9.6	6.0	9.8	7.0	9.8	8.0	12.8	9.0	11.0	10.0	10.6	11.0	8.7		
201	P020		12.0	7.0	13.0	4.8	14.0	3.2	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P021	14	3.0	0.	4.0	2.6	5.0	6.9	6.0	9.0	7.0	11.0	8.0	14.9	9.0	10.9	10.0	12.0	11.0	12.0	12.0	8.7		
201	P021		13.0	5.5	14.0	3.5	15.0	3.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	P022	14	3.0	0.	4.0	4.8	5.0	7.3	6.0	9.1	7.0	11.3	8.0	13.5	9.0	9.0	10.0	13.2	11.0	10.8	12.0	8.0		
201	P022		13.0	5.5	14.0	3.7	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S002	17	-1.0	0.	0.	4.3	1.0	10.5	2.0	25.2	3.0	20.8	4.0	22.6	5.0	4.0	6.0	1.5	7.0	0.1	8.0	1.6		
201	S002		9.0	2.7	10.0	1.6	11.0	1.1	12.0	0.8	13.0	0.8	14.0	2.4	15.0	0.	0.	0.	0.	0.	0.	0.		
200	S003	12	3.0	0.	4.0	0.6	5.0	9.4	6.0	1.9	7.0	6.4	8.0	21.6	9.0	17.4	10.0	14.5	11.0	17.2	12.0	7.5		
201	S003		13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S005	18	-1.0	0.	0.	0.8	1.0	0.7	2.0	1.2	3.0	4.2	4.0	4.9	5.0	7.8	6.0	4.7	7.0	5.6	8.0	11.1		
201	S005		9.0	14.7	10.0	12.5	11.0	11.8	12.0	8.5	13.0	5.5	14.0	3.3	15.0	2.7	16.0	0.	0.	0.	0.	0.		

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	S007	13	3.0	0.	4.0	3.6	5.0	4.1	6.0	19.1	7.0	4.5	8.0	9.4	9.0	30.0	10.0	2.4	11.0	11.4	12.0	7.0		
201	S007		13.0	4.5	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	S009	13	0.	0.	1.0	13.4	2.0	40.1	3.0	25.9	4.0	8.1	5.0	2.3	6.0	0.8	7.0	2.0	8.0	0.9	9.0	1.8		
201	S009		10.0	0.7	11.0	4.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S012	18	-1.0	0.	0.	3.0	1.0	7.0	2.0	26.0	3.0	22.0	4.0	10.5	5.0	7.4	6.0	2.8	7.0	2.2	8.0	2.8		
201	S012		9.0	3.8	10.0	1.3	11.0	2.2	12.0	1.7	13.0	1.3	14.0	1.2	15.0	4.8	16.0	0.	0.	0.	0.	0.		
200	S014	15	2.0	0.	3.0	5.0	4.0	3.5	5.0	10.6	6.0	13.6	7.0	13.9	8.0	6.2	9.0	11.8	10.0	11.6	11.0	8.3		
201	S014		12.0	6.3	13.0	4.0	14.0	2.4	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S017	14	2.0	0.	3.0	3.8	4.0	26.4	5.0	17.2	6.0	5.2	7.0	7.9	8.0	4.8	9.0	8.8	10.0	7.5	11.0	6.4		
201	S017		12.0	4.5	13.0	3.3	14.0	4.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S021	6	-1.0	0.	0.	12.0	1.0	33.0	2.0	51.0	3.0	4.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S024	7	2.0	0.	2.5	20.0	3.0	50.0	3.5	19.0	4.0	8.0	4.5	3.0	5.0	0.	0.	0.	0.	0.	0.	0.		
200	S026	16	-2.0	0.	-1.0	0.	0.	12.9	1.0	14.7	2.0	20.4	3.0	18.7	4.0	10.8	5.0	8.5	6.0	1.6	7.0	1.4		
201	S026		8.0	2.1	9.0	2.0	10.0	1.3	11.0	1.1	12.0	4.3	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S028	23	-8.0	0.	-7.0	2.4	-6.0	1.6	-5.0	3.0	-4.0	3.5	-3.0	5.0	-2.0	6.5	-1.0	5.2	0.	2.9	1.0	6.5		
201	S028		2.0	14.4	3.0	21.0	4.0	9.4	5.0	3.3	6.0	3.5	7.0	1.1	8.0	1.8	9.0	1.4	10.0	1.2	11.0	1.2		
202	S028		12.0	1.0	13.0	4.1	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S030	25	-9.0	0.	-8.0	3.5	-7.0	2.0	-6.0	3.5	-5.0	3.0	-4.0	3.5	-3.0	4.5	-2.0	3.0	-1.0	6.0	0.	0.		
201	S030		1.0	3.4	2.0	7.8	3.0	12.7	4.0	17.5	5.0	4.9	6.0	3.2	7.0	2.9	8.0	2.7	9.0	3.7	10.0	3.3		
202	S030		11.0	2.7	12.0	2.1	13.0	1.3	14.0	2.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S032	19	-2.0	0.	-1.0	2.0	0.	1.0	1.0	2.0	2.0	7.0	3.0	8.0	4.0	14.0	5.0	17.4	6.0	8.3	7.0	8.5		
201	S032		8.0	3.4	9.0	5.2	10.0	6.5	11.0	4.7	12.0	3.5	13.0	2.7	14.0	1.9	15.0	3.9	16.0	0.	0.	0.		
200	S034	16	2.0	0.	3.0	1.2	4.0	11.0	5.0	22.4	6.0	14.0	7.0	8.4	8.0	7.2	9.0	7.3	10.0	6.4	11.0	6.4		
201	S034		12.0	4.7	13.0	4.0	14.0	2.4	15.0	1.9	16.0	2.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S036	13	2.0	0.	3.0	2.3	4.0	38.5	5.0	32.1	6.0	5.6	7.0	4.1	8.0	4.1	9.0	4.1	10.0	3.7	11.0	2.6		
201	S036		12.0	1.5	13.0	1.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S041	13	-7.0	0.	-6.0	2.5	-5.0	5.5	-4.0	13.0	-3.0	19.0	-2.0	10.0	-1.0	6.7	0.	1.7	1.0	1.7	2.0	22.5		
201	S041		3.0	13.4	4.0	3.9	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S057	12	-6.0	0.	-5.0	5.6	-4.0	6.5	-3.0	29.1	-2.0	29.7	-1.0	12.1	0.	1.5	1.0	1.5	2.0	8.0	3.0	5.2		
201	S057		4.0	0.9	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S059	10	-4.0	0.	-3.0	12.0	-2.0	22.2	-1.0	19.4	0.	5.0	1.0	14.4	2.0	19.1	3.0	7.3	4.0	0.5	5.0	0.		
200	S061	6	2.0	0.	2.5	31.0	3.0	44.0	3.5	20.0	4.0	5.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S072	19	-6.0	0.	-5.0	2.0	-4.0	1.2	-3.0	1.8	-2.0	2.3	-1.0	3.0	0.	4.0	1.0	2.2	2.0	7.2	3.0	26.0		
201	S072		4.0	20.6	5.0	13.4	6.0	4.7	7.0	1.5	8.0	2.5	9.0	2.2	10.0	1.3	11.0	4.1	12.0	0.	0.	0.		
200	S074	9	2.0	0.	3.0	12.5	4.0	59.5	5.0	23.0	6.0	0.	7.0	2.5	8.0	2.2	9.0	0.3	10.0	0.	0.	0.		
200	S078	12	-5.0	0.	-4.0	2.9	-3.0	16.0	-2.0	23.1	-1.0	18.4	0.	4.0	1.0	4.0	2.0	12.3	3.0	12.7	4.0	5.6		
201	S078		5.0	0.8	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S080	11	-4.0	0.	-3.0	3.0	-2.0	7.0	-1.0	6.2	0.	1.7	1.0	5.0	2.0	31.8	3.0	30.2	4.0	13.4	5.0	1.7		
201	S080		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S083	13	-6.0	0.	-5.0	25.0	-4.0	9.0	-3.0	12.0	-2.0	15.8	-1.0	8.1	0.	5.1	1.0	6.7	2.0	12.7	3.0	1.2		
201	S083		4.0	2.7	5.0	1.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S085	7	0.5	0.	1.0	1.0	1.5	12.0	2.0	50.0	2.5	28.0	3.0	9.0	3.5	0.	0.	0.	0.	0.	0.	0.		
200	S088	8	-6.0	0.	-5.0	25.3	-4.0	4.7	-3.0	29.6	-2.0	33.6	-1.0	5.5	0.	1.1	1.0	0.	0.	0.	0.	0.		
200	S094	9	-4.0	0.	-3.0	1.0	-2.0	5.0	-1.0	8.4	0.	0.9	1.0	33.4	2.0	43.2	3.0	8.1	4.0	0.	0.	0.		
200	S096	18	-1.0	0.	0.	2.0	1.0	4.0	2.0	22.0	3.0	22.0	4.0	30.0	5.0	6.7	6.0	1.9	7.0	1.9	8.0	0.5		
201	S096		9.0	0.7	10.0	1.9	11.0	0.	12.0	0.6	13.0	0.6	14.0	0.5	15.0	4.7	16.0	0.	0.	0.	0.	0.		
200	S100	7	-1.0	0.	0.	2.5	1.0	0.5	2.0	33.0	3.0	59.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.		
200	S102	17	-4.0	0.	-3.0	11.4	-2.0	13.7	-1.0	11.4	0.	5.0	1.0	12.4	2.0	13.7	3.0	14.9	4.0	8.7	5.0	8.0		
201	S102		6.0	0.1	7.0	0.1	8.0	0.	9.0	0.1	10.0	0.1	11.0	0.3	12.0	0.	0.	0.	0.	0.	0.	0.		
200	S108	19	-6.0	0.	-5.0	15.6	-4.0	2.8	-3.0	10.8	-2.0	10.9	-1.0	9.4	0.	4.3	1.0	17.5	2.0	12.6	3.0	5.5		
201	S108		4.0	2.4	5.0	1.9	6.0	1.2	7.0	1.7	8.0	0.6	9.0	0.2	10.0	0.6	11.0	2.1	12.0	0.	0.	0.		
200	S110	19	-6.0	0.	-5.0	1.8	-4.0	1.7	-3.0	3.0	-2.0	4.5	-1.0	1.7	0.	1.8	1.0	5.5	2.0	10.6	3.0	16.1		
201	S110		4.0	21.1	5.0	11.9	6.0	5.1	7.0	2.1	8.0	5.0	9.0	1.4	10.0	1.1	11.0	5.1	12.0	0.	0.	0.		
200	S112	21	-5.0	0.	-4.0	26.4	-3.0	6.8	-2.0	7.7	-1.0	18.6	0.	4.3	1.0	4.1	2.0	4.9	3.0	8.6	4.0	6.1		
201	S112		5.0	2.9	6.0	0.7	7.0	1.3	8.0	0.8	9.0	1.6	10.0	1.3	11.0	1.0	12.0	0.6	13.0	0.6	14.0	1.5		
202	S112		15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S114	15	-2.0	0.	-1.0	5.0	0.	3.0	1.0	6.5	2.0	13.0	3.0	15.0	4.0	16.5	5.0	13.5	6.0	4.5	7.0	6.3		
201	S114		8.0	8.5	9.0	1.6	10.0	2.3	11.0	4.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S116	15	-2.0	0.	-1.0	2.0	0.	2.5	1.0	5.5	2.0	18.0	3.0	17.0	4.0	14.0	5.0	9.9	6.0	3.7	7.0	7.3		
201	S116		8.0	4.7	9.0	7.0	10.0	3.0	11.0	5.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S118	15	0.	0.	1.0	1.1	2.0	2.2	3.0	4.9	4.0	9.9	5.0	15.4	6.0	8.5	7.0	7.7	8.0	15.4	9.0	10.8		
201	S118		10.0	9.3	11.0	6.6	12.0	4.0	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S121	14	-1.0	0.	0.	1.0	1.0	5.5	2.0	8.5	3.0	36.0	4.0	23.0	5.0	7.0	6.0	0.9	7.0	4.7	8.0	4.8		
201	S121		9.0	1.8	10.0	1.4	11.0	5.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S124	17	-4.0	0.	-3.0	2.2	-2.0	3.3	-1.0	6.5	0.	8.8	1.0	6.6	2.0	25.1	3.0	19.4	4.0	8.8	5.0	6.9		
201	S124		6.0	1.1	7.0	1.4	8.0	3.8	9.0	1.2	10.0	1.5	11.0	3.7	12.0	0.	0.	0.	0.	0.	0.	0.		
200	S125	17	-1.0	0.	0.	1.0	1.0	4.0	2.0	7.0	3.0	19.0	4.0	13.0	5.0	6.8	6.0	1.6	7.0	5.7	8.0	6.6		
201	S125		9.0	10.3	10.0	8.5	11.0	6.3	12.0	4.4	13.0	2.6	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.		
200	S128	12	3.0	0.	4.0	0.2	5.0	2.3	6.0	1.4	7.0	15.0	8.0	21.7	9.0	21.1	10.0	16.3	11.0	12.0	12.0	6.2		
201	S128		13.0	3.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S130	14	1.0	0.	2.0	1.6	3.0	2.0	4.0	4.4	5.0	6.8	6.0	7.4	7.0	7.4	8.0	19.2	9.0	18.3	10.0	13.5		
201	S130		11.0	9.4	12.0	5.8	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S136	16	-1.0	0.	0.	3.0	1.0	8.0	2.0	21.0	3.0	26.0	4.0	8.0	5.0	7.3	6.0	2.9	7.0	2.5	8.0	3.6		
201	S136		9.0	4.6	10.0	4.1	11.0	2.5	12.0	2.0	13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S139	14	1.0	0.	2.0	2.0	3.0	6.0	4.0	9.0	5.0	19.8	6.0	5.5	7.0	8.1	8.0	12.5	9.0	14.4	10.0	7.2		
201	S139		11.0	7.2	12.0	4.3	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S142	12	3.0	0.	4.0	1.0	5.0	3.2	6.0	5.6	7.0	10.3	8.0	21.6	9.0	25.2	10.0	12.2	11.0	11.9	12.0	6.8		
201	S142		13.0	3.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S144	12	3.0	0.	4.0	2.2	5.0	21.2	6.0	3.0	7.0	8.3	8.0	15.8	9.0	17.7	10.0	12.5	11.0	10.3	12.0	8.0		
201	S144		13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S146	12	3.0	0.	4.0	0.6	5.0	3.8	6.0	8.2	7.0	14.0	8.0	21.2	9.0	18.6	10.0	13.2	11.0	12.4	12.0	5.0		
201	S146		13.0	3.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S148	16	-1.0	0.	0.	2.0	1.0	6.0	2.0	20.0	3.0	27.0	4.0	12.0	5.0	3.1	6.0	1.4	7.0	2.8	8.0	4.4		
201	S148		9.0	5.7	10.0	5.8	11.0	2.8	12.0	2.5	13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	S150	19	-5.0	0.	-4.0	2.0	-3.0	2.5	-2.0	4.5	-1.0	9.3	0.	7.9	1.0	15.0	2.0	15.8	3.0	13.6	4.0	5.7		
201	S150		5.0	0.9	6.0	2.3	7.0	2.8	8.0	5.2	9.0	4.0	10.0	2.2	11.0	2.3	12.0	4.0	13.0	0.	0.	0.		
200	S151	15	3.0	0.	4.0	5.0	5.0	11.5	6.0	10.6	7.0	8.5	8.0	10.4	9.0	9.3	10.0	12.1	11.0	8.6	12.0	7.5		
201	S151		13.0	6.5	14.0	4.0	15.0	2.6	16.0	3.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	W001	7	-2.0	0.	-1.0	2.5	0.	15.5	1.0	56.0	2.0	22.0	3.0	4.0	4.0	0.	0.	0.	0.	0.	0.	0.		
200	W003	15	2.0	0.	3.0	2.0	4.0	27.0	5.0	45.7	6.0	5.7	7.0	0.8	8.0	2.5	9.0	2.5	10.0	3.2	11.0	1.9		

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	W003		12.0	1.7	13.0	1.6	14.0	1.2	15.0	4.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W005	13	3.0	0.	4.0	7.3	5.0	29.7	6.0	11.1	7.0	2.8	8.0	7.5	9.0	9.5	10.0	10.2	11.0	8.7	12.0	5.5
201	W005		13.0	3.7	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W007	16	1.0	0.	2.0	2.0	3.0	2.0	4.0	5.1	5.0	6.5	6.0	8.8	7.0	8.2	8.0	12.4	9.0	18.6	10.0	10.7
201	W007		11.0	8.7	12.0	7.0	13.0	4.8	14.0	2.7	15.0	2.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W009	19	-2.0	0.	-1.0	3.0	0.	2.0	1.0	3.0	2.0	6.0	3.0	4.5	4.0	1.5	5.0	9.1	6.0	1.2	7.0	13.5
201	W009		8.0	9.7	9.0	10.7	10.0	11.0	11.0	9.3	12.0	6.0	13.0	4.3	14.0	2.5	15.0	2.7	16.0	0.	0.	0.
200	W011	15	2.0	0.	3.0	1.0	4.0	11.3	5.0	17.3	6.0	6.9	7.0	9.4	8.0	9.3	9.0	10.4	10.0	11.1	11.0	8.0
201	W011		12.0	5.8	13.0	4.3	14.0	2.5	15.0	2.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W013	15	-2.0	0.	-1.0	1.0	0.	6.0	1.0	8.5	2.0	17.5	3.0	15.0	4.0	29.0	5.0	8.9	6.0	2.0	7.0	2.2
201	W013		8.0	3.2	9.0	0.3	10.0	0.5	11.0	5.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W015	7	-1.0	0.	0.	5.0	1.0	35.0	2.0	40.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W017	14	-7.0	0.	-6.0	1.6	-5.0	2.7	-4.0	5.7	-3.0	9.0	-2.0	13.0	-1.0	22.9	0.	6.8	1.0	6.8	2.0	15.4
201	W017		3.0	8.6	4.0	6.8	5.0	0.9	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W019	12	-6.0	0.	-5.0	2.0	-4.0	2.5	-3.0	6.5	-2.0	10.0	-1.0	15.5	0.	15.9	1.0	15.9	2.0	17.1	3.0	11.4
201	W019		4.0	3.2	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W020	7	-1.0	0.	0.	3.5	1.0	60.5	2.0	30.0	3.0	1.5	4.0	4.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	W021	10	-4.0	0.	-3.0	1.4	-2.0	1.6	-1.0	9.9	0.	6.0	1.0	0.	2.0	6.5	3.0	63.3	4.0	11.3	5.0	0.
200	W023	11	-6.0	0.	-5.0	3.8	-4.0	7.2	-3.0	14.0	-2.0	21.0	-1.0	36.5	0.	0.	1.0	8.7	2.0	7.0	3.0	1.8
201	W023		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W025	12	-6.0	0.	-5.0	2.7	-4.0	2.0	-3.0	3.1	-2.0	4.6	-1.0	11.8	0.	3.1	1.0	5.4	2.0	47.5	3.0	17.6
201	W025		4.0	2.3	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W027	8	1.5	0.	2.0	1.0	2.5	14.0	3.0	35.0	3.5	40.0	4.0	5.0	4.5	5.0	5.0	0.	0.	0.	0.	0.
200	W028	7	2.0	0.	2.5	0.5	3.0	29.5	3.5	56.0	4.0	9.0	4.5	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W029	8	1.5	0.	2.0	2.0	2.5	1.5	3.0	21.5	3.5	50.0	4.0	17.0	4.5	8.0	5.0	0.	0.	0.	0.	0.
200	W031	8	-1.0	0.	0.	4.0	1.0	10.0	2.0	27.5	3.0	20.5	4.0	26.0	5.0	12.0	6.0	0.	0.	0.	0.	0.
200	W033	6	1.0	0.	2.0	5.0	3.0	60.0	4.0	29.0	5.0	6.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W034	7	0.	0.	1.0	4.0	2.0	50.0	3.0	23.0	4.0	17.0	5.0	6.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W036	7	2.0	0.	2.5	7.0	3.0	35.0	3.5	51.0	4.0	3.5	4.5	3.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	W038	7	1.5	0.	2.0	24.0	2.5	36.0	3.0	31.0	3.5	6.0	4.0	3.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	W039	7	-1.0	0.	0.	5.0	1.0	20.0	2.0	37.0	3.0	33.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W043	10	-4.0	0.	-3.0	1.5	-2.0	2.5	-1.0	6.7	0.	10.7	1.0	9.8	2.0	56.2	3.0	10.7	4.0	1.8	5.0	0.
200	W044	13	-7.0	0.	-6.0	5.0	-5.0	10.0	-4.0	19.0	-3.0	25.0	-2.0	21.0	-1.0	6.9	0.	1.7	1.0	4.2	2.0	5.4
201	W044		3.0	1.4	4.0	0.4	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W046	10	-4.0	0.	-3.0	1.7	-2.0	10.3	-1.0	27.2	0.	32.8	1.0	6.5	2.0	9.6	3.0	7.8	4.0	4.4	5.0	0.
200	W048	12	-5.0	0.	-4.0	10.2	-3.0	0.	-2.0	0.	-1.0	0.	0.	0.	1.0	0.	2.0	0.9	3.0	50.7	4.0	35.5
201	W048		5.0	2.7	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W049	7	0.	0.	1.0	6.0	2.0	9.0	3.0	24.0	4.0	56.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W051	16	0.	0.	1.0	4.0	2.0	7.0	3.0	31.0	4.0	34.0	5.0	8.2	6.0	3.8	7.0	0.2	8.0	0.6	9.0	3.9
201	W051		10.0	0.	11.0	0.8	12.0	1.0	13.0	0.9	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W053	16	-1.0	0.	0.	12.0	1.0	15.0	2.0	14.0	3.0	13.5	4.0	6.5	5.0	7.7	6.0	2.7	7.0	0.7	8.0	4.6
201	W053		9.0	2.8	10.0	9.3	11.0	5.8	12.0	2.8	13.0	2.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W055	15	-2.0	0.	-1.0	5.0	0.	11.0	1.0	12.0	2.0	24.0	3.0	25.0	4.0	9.0	5.0	2.9	6.0	0.6	7.0	0.1
201	W055		8.0	2.0	9.0	1.0	10.0	2.3	11.0	5.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W060	14	-1.0	0.	0.	5.5	1.0	14.5	2.0	26.0	3.0	22.0	4.0	14.0	5.0	5.1	6.0	1.3	7.0	1.7	8.0	1.9
201	W060		9.0	1.9	10.0	1.7	11.0	4.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W062	11	-5.0	0.	-4.0	0.9	-3.0	2.1	-2.0	5.0	-1.0	10.6	0.	2.4	1.0	2.4	2.0	25.2	3.0	40.7	4.0	10.6
201	W062		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W064	10	-1.0	0.	-0.5	1.0	0.	59.0	0.5	23.5	1.0	8.5	1.5	4.0	2.0	2.0	2.5	1.0	3.0	1.0	3.5	0.
200	W066	7	-2.0	0.	-1.0	1.0	0.	5.0	1.0	29.0	2.0	54.0	3.0	11.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	W068	6	1.0	0.	2.0	32.0	3.0	10.0	4.0	54.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W070	6	1.0	0.	2.0	5.0	3.0	85.0	4.0	8.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W072	10	-0.5	0.	0.	3.0	0.5	3.0	1.0	10.0	1.5	24.0	2.0	35.0	2.5	16.0	3.0	7.0	3.5	2.0	4.0	0.
200	W075	6	0.	0.	1.0	16.0	2.0	59.0	3.0	22.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W076	7	-1.0	0.	0.	7.3	1.0	15.6	2.0	52.0	3.0	22.9	4.0	2.1	5.0	0.	0.	0.	0.	0.	0.	0.
200	W079	8	-1.0	0.	0.	2.0	1.0	8.0	2.0	55.0	3.0	25.0	4.0	7.0	5.0	3.0	6.0	0.	0.	0.	0.	0.
200	W081	7	0.	0.	1.0	6.0	2.0	41.0	3.0	37.0	4.0	11.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W083	9	0.	0.	0.5	2.0	1.0	5.0	1.5	22.5	2.0	31.5	2.5	19.0	3.0	16.5	3.5	3.5	4.0	0.	0.	0.
200	W084	8	0.5	0.	1.0	2.0	1.5	18.0	2.0	35.0	2.5	27.0	3.0	15.0	3.5	3.0	4.0	0.	0.	0.	0.	0.
200	W086	7	1.5	0.	2.0	27.5	2.5	44.5	3.0	24.0	3.5	1.5	4.0	2.5	4.5	0.	0.	0.	0.	0.	0.	0.
200	W088	7	-1.0	0.	0.	2.0	1.0	16.0	2.0	65.0	3.0	15.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W090	7	+2.0	0.	-1.0	1.0	0.	13.0	1.0	58.0	2.0	24.0	3.0	4.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	W091	10	-5.0	0.	-4.0	3.2	-3.0	11.8	-2.0	27.0	-1.0	30.0	0.	1.5	1.0	6.8	2.0	13.6	3.0	4.7	4.0	0.
200	W093	13	-7.0	0.	-6.0	4.8	-5.0	6.7	-4.0	10.5	-3.0	15.0	-2.0	17.0	-1.0	20.8	0.	5.8	1.0	10.3	2.0	5.8
201	W093		3.0	2.8	4.0	0.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W095	12	-6.0	0.	-5.0	2.9	-4.0	9.6	-3.0	21.5	-2.0	28.0	-1.0	5.3	0.	3.0	1.0	11.8	2.0	13.1	3.0	4.3
201	W095		4.0	0.6	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W097	7	2.0	0.	2.5	13.0	3.0	57.0	3.5	20.0	4.0	5.0	4.5	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W099	9	-2.0	0.	-1.0	1.0	0.	6.0	1.0	15.0	2.0	29.0	3.0	30.0	4.0	11.0	5.0	8.0	6.0	0.	0.	0.
200	W100	13	-6.0	0.	-5.0	3.4	-4.0	8.6	-3.0	20.5	-2.0	27.5	-1.0	4.9	0.	1.1	1.0	6.7	2.0	11.6	3.0	7.0
201	W100		4.0	6.7	5.0	2.1	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W101	13	-6.0	0.	-5.0	1.0	-4.0	2.3	-3.0	5.7	-2.0	11.0	-1.0	8.4	0.	5.7	1.0	10.0	2.0	15.7	3.0	20.8
201	W101		4.0	15.0	5.0	4.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W102	11	-4.0	0.	-3.0	2.0	-2.0	6.0	-1.0	4.6	0.	4.4	1.0	6.2	2.0	15.0	3.0	15.9	4.0	31.8	5.0	14.1
201	W102		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W103	8	1.5	0.	2.0	13.0	2.5	43.0	3.0	28.0	3.5	11.0	4.0	1.5	4.5	3.5	5.0	0.	0.	0.	0.	0.
200	W105	10	-1.0	0.	-0.5	16.0	0.	20.0	0.5	27.0	1.0	14.0	1.5	12.0	2.0	8.0	2.5	2.0	3.0	1.0	3.5	0.
200	W107	7	2.0	0.	2.5	9.0	3.0	38.0	3.5	48.0	4.0	1.0	4.5	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W110	9	+0.5	0.	0.	3.0	0.5	35.0	1.0	32.0	1.5	17.0	2.0	8.5	2.5	2.5	3.0	2.0	3.5	0.	0.	0.
200	W111	11	-5.0	0.	-4.0	2.0	-3.0	8.0	-2.0	20.0	-1.0	12.0	0.	4.1	1.0	17.8	2.0	25.8	3.0	9.2	4.0	1.2
201	W111		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W112	14	-8.0	0.	-7.0	3.0	-6.0	4.0	-5.0	7.0	-4.0	12.0	-3.0	15.0	-2.0	16.0	-1.0	19.2	0.	6.0	1.0	5.2
201	W112		2.0	7.3	3.0	4.2	4.0	1.1	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W114	9	-4.0	0.	-3.0	2.0	-2.0	6.0	-1.0	2.2	0.	8.1	1.0	36.8	2.0	35.0	3.0	9.9	4.0	0.	0.	0.
200	W116	9	-2.0	0.	-1.0	2.0	0.	7.0	1.0	17.0	2.0	19.5	3.0	24.5	4.0	20.0	5.0	10.0	6.0	0.	0.	0.
200	W118	12	-6.0	0.	-5.0	4.0	-4.0	4.0	-3.0	6.5	-2.0	9.5	-1.0	14.4	0.	7.4	1.0	12.9	2.0	9.9	3.0	28.4
201	W118		4.0	3.1	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W120	13	-7.0	0.	-6.0	3.2	-5.0	9.0	-4.0	19.8	-3.0	25.0	-2.0	23.0	-1.0	4.5	0.	2.6	1.0	5.0	2.0	5.0
201	W120		3.0	2.0	4.0	0.8	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W122	9	-4.0	0.	-3.0	2.3	-2.0	5.7	-1.0	13.7	0.	21.1	1.0	18.8	2.0	25.8	3.0	12.5	4.0	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	W124	12	-7.0	0.	-6.0	1.1	-5.0	3.9	-4.0	12.5	-3.0	22.5	-2.0	26.0	-1.0	10.9	0.	5.5	1.0	8.3	2.0	5.5
201	W124		3.0	3.7	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W127	9	-4.0	0.	-3.0	2.0	-2.0	6.0	-1.0	11.7	0.	15.4	1.0	35.0	2.0	27.3	3.0	2.6	4.0	0.	0.	0.
200	W129	8	-2.0	0.	-1.0	1.5	0.	8.5	1.0	34.0	2.0	44.0	3.0	10.5	4.0	1.5	5.0	0.	0.	0.	0.	0.
200	W131	10	-4.0	0.	-3.0	2.0	-2.0	4.7	-1.0	11.3	0.	14.5	1.0	23.1	2.0	22.6	3.0	19.7	4.0	1.9	5.0	0.
200	W133	9	0.	0.	0.5	5.0	1.0	9.0	1.5	18.5	2.0	17.5	2.5	18.5	3.0	26.5	3.5	5.0	4.0	0.	0.	0.
200	W135	11	-5.0	0.	-4.0	4.0	-3.0	8.5	-2.0	19.5	-1.0	9.8	0.	9.8	1.0	22.3	2.0	18.4	3.0	6.2	4.0	1.5
201	W135		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W136	10	-4.0	0.	-3.0	2.8	-2.0	6.0	-1.0	10.3	0.	11.1	1.0	16.1	2.0	32.3	3.0	20.4	4.0	1.7	5.0	0.
200	W138	10	-4.0	0.	-3.0	1.0	-2.0	4.1	-1.0	15.5	0.	19.2	1.0	28.9	2.0	25.4	3.0	5.2	4.0	1.8	5.0	0.
200	W140	11	-5.0	0.	-4.0	2.0	-3.0	6.5	-2.0	16.5	-1.0	3.6	0.	0.	1.0	0.	2.0	10.0	3.0	55.5	4.0	5.8
201	W140		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W144	12	-8.0	0.	-7.0	0.8	-6.0	4.2	-5.0	15.0	-4.0	27.0	-3.0	30.0	-2.0	16.5	-1.0	5.5	0.	0.6	1.0	0.2
201	W144		2.0	0.1	3.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W146	9	-5.0	0.	-4.0	2.0	-3.0	9.0	-2.0	22.0	-1.0	20.7	0.	20.4	1.0	20.4	2.0	5.6	3.0	0.	0.	0.
200	W148	14	-8.0	0.	-7.0	1.6	-6.0	5.9	-5.0	16.5	-4.0	26.0	-3.0	26.0	-2.0	5.0	-1.0	3.1	0.	3.6	1.0	6.4
201	W148		2.0	4.4	3.0	1.2	4.0	0.4	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W150	12	-6.0	0.	-5.0	0.8	-4.0	4.2	-3.0	15.0	-2.0	5.0	-1.0	5.5	0.	5.6	1.0	18.3	2.0	33.0	3.0	9.1
201	W150		4.0	3.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W152	10	-6.0	0.	-5.0	2.8	-4.0	11.2	-3.0	26.0	-2.0	10.0	-1.0	16.0	0.	17.0	1.0	12.6	2.0	4.4	3.0	0.
200	W154	8	0.	0.	0.5	5.0	1.0	45.0	1.5	20.5	2.0	16.5	2.5	8.5	3.0	4.5	3.5	0.	0.	0.	0.	0.
200	W157	14	-7.0	0.	-6.0	2.0	-5.0	10.0	-4.0	26.0	-3.0	34.0	-2.0	9.0	-1.0	3.7	0.	1.9	1.0	2.3	2.0	5.7
201	W157		3.0	2.1	4.0	2.4	5.0	0.6	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W159	7	-2.0	0.	-1.0	1.0	0.	5.0	1.0	32.5	2.0	48.5	3.0	13.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	W161	7	-2.0	0.	-1.0	1.0	0.	7.0	1.0	24.0	2.0	58.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	W163	6	-1.0	0.	0.	6.0	1.0	5.0	2.0	45.0	3.0	44.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W165	12	-6.0	0.	-5.0	1.6	-4.0	7.9	-3.0	21.5	-2.0	12.0	-1.0	6.7	0.	3.5	1.0	10.4	2.0	20.7	3.0	13.8
201	W165		4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W167	6	-1.0	0.	0.	0.5	1.0	20.5	2.0	60.5	3.0	19.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W169	9	-0.5	0.	0.	5.0	0.5	8.0	1.0	28.0	1.5	28.0	2.0	23.5	2.5	6.5	3.0	1.0	3.5	0.	0.	0.
200	W170	7	1.5	0.	2.0	38.0	2.5	42.0	3.0	17.0	3.5	2.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	W172	7	2.0	0.	2.5	10.0	3.0	34.0	3.5	40.0	4.0	9.0	4.5	7.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W174	8	1.0	0.	1.5	3.0	2.0	25.0	2.5	16.0	3.0	44.0	3.5	11.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	W176	7	0.5	0.	1.0	1.0	1.5	13.0	2.0	47.0	2.5	35.5	3.0	3.5	3.5	0.	0.	0.	0.	0.	0.	0.
200	W178	7	0.	0.	1.0	2.0	2.0	45.0	3.0	36.0	4.0	13.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W180	10	0.5	0.	0.	5.0	0.5	7.5	1.0	14.5	1.5	30.0	2.0	28.0	2.5	10.0	3.0	4.0	3.5	1.0	4.0	0.
200	W181	9	3.0	0.	2.0	2.5	1.0	12.1	0.	20.6	1.0	39.2	2.0	20.2	3.0	4.0	4.0	1.0	5.0	0.	0.	0.
200	W182	10	0.	0.	0.5	1.0	1.0	2.5	1.5	7.0	2.0	45.5	2.5	26.0	3.0	12.0	3.5	5.0	4.0	1.0	4.5	0.
200	W184	8	0.5	0.	1.0	2.0	1.5	6.0	2.0	27.0	2.5	35.0	3.0	5.0	3.5	25.0	4.0	0.	0.	0.	0.	0.
200	W186	7	0.	0.	0.5	2.0	1.0	8.0	1.5	53.0	2.0	33.0	2.5	4.0	3.0	0.	0.	0.	0.	0.	0.	0.
200	W188	7	-1.0	0.	0.	2.5	1.0	11.5	2.0	66.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W190	7	-1.0	0.	0.	7.0	1.0	63.0	2.0	20.0	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	W191	11	-5.0	0.	-4.0	2.0	-3.0	4.5	-2.0	9.5	-1.0	7.4	0.	6.5	1.0	16.5	2.0	32.2	3.0	16.1	4.0	5.3
201	W191		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W195	14	-8.0	0.	-7.0	1.4	-6.0	3.6	-5.0	10.5	-4.0	18.5	-3.0	24.0	-2.0	6.0	-1.0	5.8	0.	2.3	1.0	11.9
201	W195		2.0	12.3	3.0	3.4	4.0	0.3	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W197	12	-6.0	0.	-5.0	2.6	-4.0	5.9	-3.0	13.5	-2.0	20.0	-1.0	3.0	0.	3.8	1.0	13.7	2.0	23.6	3.0	11.0
201	W197		4.0	2.7	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W200	12	-6.0	0.	-5.0	1.3	-4.0	5.7	-3.0	14.0	-2.0	7.0	-1.0	6.9	0.	6.5	1.0	11.1	2.0	35.8	3.0	11.1
201	W200		4.0	0.7	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W204	12	-6.0	0.	-5.0	1.8	-4.0	6.2	-3.0	16.0	-2.0	8.0	-1.0	12.5	0.	13.0	1.0	23.0	2.0	13.6	3.0	5.3
201	W204		4.0	0.6	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W205	12	-6.0	0.	-5.0	2.0	-4.0	7.5	-3.0	18.5	-2.0	6.0	-1.0	8.1	0.	8.3	1.0	11.2	2.0	25.7	3.0	10.1
201	W205		4.0	2.7	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W207	12	-6.0	0.	-5.0	0.6	-4.0	4.4	-3.0	15.0	-2.0	6.0	-1.0	2.2	0.	2.2	1.0	4.1	2.0	37.0	3.0	24.0
201	W207		4.0	4.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W209	7	0.	0.	1.0	1.0	2.0	6.0	3.0	39.0	4.0	52.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W211	13	-6.0	0.	-5.0	1.4	-4.0	4.6	-3.0	12.5	-2.0	8.5	-1.0	3.6	0.	14.6	1.0	8.0	2.0	13.2	3.0	8.0
201	W211		4.0	20.8	5.0	4.9	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W213	12	-5.0	0.	-4.0	1.4	-3.0	1.9	-2.0	4.7	-1.0	5.8	0.	7.5	1.0	14.5	2.0	15.4	3.0	14.0	4.0	21.8
201	W213		5.0	13.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W215	7	0.	0.	1.0	9.0	2.0	16.0	3.0	19.5	4.0	46.5	5.0	9.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	W224	10	-3.0	0.	-2.0	3.5	-1.0	11.9	0.	11.4	1.0	17.3	2.0	25.4	3.0	22.4	4.0	4.1	5.0	4.1	6.0	0.
200	W225	13	-6.0	0.	-5.0	3.5	-4.0	4.0	-3.0	10.5	-2.0	5.0	-1.0	3.3	0.	9.0	1.0	14.9	2.0	28.4	3.0	14.9
201	W225		4.0	5.2	5.0	1.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W227	12	-7.0	0.	-6.0	3.3	-5.0	6.2	-4.0	11.5	-3.0	18.0	-2.0	21.0	-1.0	18.5	0.	10.8	1.0	6.4	2.0	3.4
201	W227		3.0	0.9	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	W229	11	-6.0	0.	-5.0	1.8	-4.0	11.2	-3.0	32.0	-2.0	9.0	-1.0	5.6	0.	8.1	1.0	21.8	2.0	8.9	3.0	1.6
201	W229		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1000	13	4.0	0.	5.0	1.6	6.0	2.5	7.0	4.7	8.0	15.7	9.0	17.3	10.0	13.4	11.0	18.5	12.0	12.0	13.0	7.6		
201	1000		14.0	4.0	15.0	2.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1001	18	-5.0	0.	-4.0	29.1	-3.0	8.3	-2.0	2.8	-1.0	2.1	0.	0.	1.0	1.0	2.0	10.4	3.0	30.8	4.0	9.3		
201	1001		5.0	1.6	6.0	0.4	7.0	0.7	8.0	1.0	9.0	0.5	10.0	0.6	11.0	1.4	12.0	0.	0.	0.	0.	0.		
200	1002	12	1.0	0.	2.0	4.5	3.0	36.2	4.0	45.2	5.0	8.6	6.0	0.3	7.0	0.9	8.0	0.5	9.0	0.7	10.0	1.3		
201	1002		11.0	1.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1003	7	-1.0	0.	0.	5.0	1.0	40.0	2.0	29.0	3.0	21.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.		
200	1004	16	1.0	0.0	2.0	3.7	3.0	27.1	4.0	24.6	5.0	10.7	6.0	4.6	7.0	6.4	8.0	4.6	9.0	4.6	10.0	3.2		
201	1004		11.0	3.0	12.0	2.3	13.0	1.7	14.0	1.1	15.0	2.4	16.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.		
200	1005	15	1.0	0.	2.0	1.4	3.0	21.7	4.0	19.5	5.0	33.3	6.0	4.4	7.0	4.7	8.0	3.6	9.0	2.9	10.0	2.7		
201	1005		11.0	2.1	12.0	1.4	13.0	0.9	14.0	1.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1006	17	0.	0.	1.0	3.8	2.0	15.0	3.0	7.5	4.0	5.3	5.0	15.8	6.0	4.1	7.0	13.5	8.0	8.3	9.0	0.8		
201	1006		10.0	9.7	11.0	5.8	12.0	3.6	13.0	2.5	14.0	1.7	15.0	2.3	16.0	0.0	0.	0.	0.	0.	0.	0.		
200	1007	23	-7.0	0.	-6.0	5.0	-5.0	18.3	-4.0	11.2	-3.0	6.3	-2.0	3.2	-1.0	2.5	0.	0.9	1.0	3.9	2.0	15.8		
201	1007		3.0	16.3	4.0	4.7	5.0	2.5	6.0	1.3	7.0	1.5	8.0	1.4	9.0	1.8	10.0	0.4	11.0	0.8	12.0	0.6		
202	1007		13.0	0.5	14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1008	11	1.0	0.	2.0	48.5	3.0	31.6	4.0	13.1	5.0	0.0	6.0	1.3	7.0	0.7	8.0	0.7	9.0	1.2	10.0	0.3		
201	1008		11.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1009	9	-0.5	0.	0.	2.0	0.5	4.5	1.0	12.5	1.5	24.0	2.0	35.0	2.5	19.0	3.0	5.0	3.5	0.	0.	0.		
200	1011	18	-5.0	0.	-4.0	1.5	-3.0	5.0	-2.0	6.5	-1.0	6.6	0.	7.7	1.0	25.4	2.0	14.1	3.0	12.6	4.0	4.2		
201	1011		5.0	8.2	6.0	2.0	7.0	1.0	8.0	1.2	9.0	1.0	10.0	1.0	11.0	1.8	12.0	0.	0.	0.	0.	0.		
200	1012	9	0.5	0.	1.0	3.4	1.5	11.6	2.0	22.0	2.5	38.0	3.0	15.0	3.5	8.2	4.0	1.8	4.5	0.	0.	0.		
200	1013	11	1.5	0.	2.0	2.0	2.5	34.0	3.0	40.0	3.5	11.0	4.0	6.0	4.5	2.5	5.0	1.5	5.5	0.5	6.0	2.5		
201	1013		6.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1014	10	0.	0.	0.5	1.8	1.0	4.2	1.5	17.0	2.0	28.0	2.5	23.5	3.0	16.5	3.5	8.0	4.0	2.0	4.5	0.		
200	1015	14	3.0	0.	4.0	13.4	5.0	29.5	6.0	13.7	7.0	7.6	8.0	6.3	9.0	6.4	10.0	6.5	11.0	5.4	12.0	3.7		
200	1016	12	-6.0	0.	-5.0	0.3	-4.0	2.1	-3.0	2.6	-2.0	7.0	-1.0	13.9	0.	27.8	1.0	24.0	2.0	18.1	3.0	2.7		
201	1016		4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1018	15	3.0	0.	4.0	6.5	5.0	21.6	6.0	10.8	7.0	10.7	8.0	9.2	9.0	8.7	10.0	8.5	11.0	7.0	12.0	5.5		
201	1018		13.0	4.0	14.0	3.0	15.0	1.8	16.0	2.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1020	19	-6.0	0.	-5.0	15.6	-4.0	16.0	-3.0	1.2	-2.0	0.3	-1.0	0.4	0.	0.	1.0	2.0	2.0	16.6	3.0	25.3		
201	1020		4.0	16.0	5.0	0.3	6.0	0.9	7.0	0.6	8.0	0.8	9.0	.0.5	10.0	0.6	11.0	2.2	12.0	0.	0.	0.		
200	1021	15	0.0	0.0	1.0	1.7	2.0	26.0	3.0	31.1	4.0	19.9	5.0	11.7	6.0	1.3	7.0	1.6	8.0	1.3	9.0	1.1		
201	1021		10.0	1.1	11.0	0.5	12.0	0.6	13.0	2.1	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1023	7	1.0	0.	1.5	8.0	2.0	49.0	2.5	30.0	3.0	11.2	3.5	1.8	4.0	0.	0.	0.	0.	0.	0.	0.		
200	1024	14	3.0	0.	4.0	1.2	5.0	6.1	6.0	7.8	7.0	11.2	8.0	16.8	9.0	13.6	10.0	11.7	11.0	12.6	12.0	8.7		
201	1024		13.0	5.3	14.0	2.8	15.0	2.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1025	14	2.0	0.	3.0	6.6	4.0	33.3	5.0	27.5	6.0	7.5	7.0	2.9	8.0	4.4	9.0	4.4	10.0	4.1	11.0	3.3		
201	1025		12.0	2.2	13.0	1.4	14.0	2.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1026	19	-1.0	0.	0.	0.2	1.0	2.5	2.0	8.0	3.0	6.6	4.0	4.0	5.0	7.6	6.0	19.4	7.0	8.3	8.0	5.1		
201	1026		9.0	6.9	10.0	6.9	11.0	7.5	12.0	5.0	13.0	4.0	14.0	3.0	15.0	2.0	16.0	3.0	17.0	0.	0.	0.		
200	1027	12	3.0	0.	4.0	1.2	5.0	7.0	6.0	7.0	7.0	16.0	8.0	20.9	9.0	16.3	10.0	15.4	11.0	9.8	12.0	4.2		
201	1027		13.0	2.1	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1029	14	3.0	0.	4.0	3.4	5.0	10.3	6.0	8.7	7.0	11.4	8.0	14.4	9.0	11.9	10.0	12.1	11.0	10.3	12.0	7.0		
201	1029		13.0	3.8	14.0	2.9	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1031	16	2.0	0.	3.0	2.0	4.0	14.2	5.0	10.0	6.0	4.9	7.0	10.1	8.0	12.3	9.0	9.2	10.0	8.9	11.0	9.4		
201	1031		12.0	6.5	13.0	4.9	14.0	3.1	15.0	2.0	16.0	2.5	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1032	14	2.0	0.	3.0	8.5	4.0	56.5	5.0	8.4	6.0	2.6	7.0	4.0	8.0	3.1	9.0	3.7	10.0	3.7	11.0	2.2		
201	1032		12.0	1.8	13.0	1.5	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1033	17	0.	0.	1.0	4.0	2.0	21.0	3.0	14.0	4.0	14.0	5.0	6.2	6.0	4.3	7.0	6.0	8.0	1.5	9.0	9.0		
201	1033		10.0	4.4	11.0	3.4	12.0	2.6	13.0	2.1	14.0	1.6	15.0	3.7	16.0	0.	0.	0.	0.	0.	0.	0.		
200	1034	18	-1.0	0.	0.	1.9	1.0	3.1	2.0	5.2	3.0	10.2	4.0	21.5	5.0	12.6	6.0	5.8	7.0	7.0	8.0	6.4		
201	1034		9.0	5.0	10.0	4.5	11.0	4.3	12.0	3.3	13.0	2.6	14.0	2.0	15.0	4.6	16.0	0.	0.	0.	0.	0.		
200	1035 A	16	2.0	0.	3.0	4.5	4.0	24.5	5.0	12.7	6.0	4.5	7.0	11.1	8.0	7.0	9.0	5.9	10.0	6.4	11.0	6.8		
201	1035 A		12.0	4.6	13.0	3.5	14.0	2.8	15.0	2.0	16.0	3.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1036	24	-7.0	0.	-6.0	9.1	-5.0	10.8	-4.0	9.8	-3.0	6.0	-2.0	5.1	-1.0	3.1	0.	0.6	1.0	2.5	2.0	5.8		
201	1036		3.0	9.8	4.0	14.0	5.0	5.2	6.0	2.5	7.0	3.0	8.0	2.8	9.0	1.6	10.0	2.7	11.0	1.8	12.0	1.2		
202	1036		13.0	0.9	14.0	0.6	15.0	0.9	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1037	15	2.0	0.	3.0	4.5	4.0	30.6	5.0	24.2	6.0	7.5	7.0	7.5	8.0	5.3	9.0	3.5	10.0	6.7	11.0	2.2		
201	1037		12.0	2.3	13.0	1.9	14.0	1.2	15.0	2.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1038	18	0.	0.	1.0	0.5	2.0	5.5	3.0	7.0	4.0	7.0	5.0	11.5	6.0	5.5	7.0	9.1	8.0	9.9	9.0	8.6		
201	1038		10.0	6.2	11.0	7.2	12.0	7.0	13.0	4.5	14.0	3.5	15.0	2.5	16.0	4.5	17.0	0.	0.	0.	0.	0.		
200	1039	14	3.0	0.	4.0	1.1	5.0	3.7	6.0	7.8	7.0	11.2	8.0	15.9	9.0	10.1	10.0	19.8	11.0	10.4	12.0	9.0		
201	1039		13.0	5.5	14.0	3.1	15.0	2.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1040	15	2.0	0.	3.0	5.5	4.0	2.5	5.0	19.8	6.0	16.1	7.0	14.0	8.0	9.9	9.0	4.9	10.0	12.5	11.0	3.2		
201	1040		12.0	5.9	13.0	2.9	14.0	1.8	15.0	2.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1041	17	-4.0	0.	-3.0	2.5	-2.0	5.2	-1.0	6.7	0.	3.9	1.0	6.4	2.0	2.6	3.0	25.7	4.0	23.0	5.0	5.3		
201	1041		6.0	3.8	7.0	4.1	8.0	3.3	9.0	2.5	10.0	2.3	11.0	2.7	12.0	0.	0.	0.	0.	0.	0.	0.		
200	1042	13	3.0	0.	4.0	0.6	5.0	12.6	6.0	15.5	7.0	17.7	8.0	13.1	9.0	8.0	10.0	17.9	11.0	4.0	12.0	5.1		
201	1042		13.0	2.9	14.0	2.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1043	21	-4.0	0.	-3.0	2.5	-2.0	6.6	-1.0	7.6	0.	3.3	1.0	14.0	2.0	29.6	3.0	15.0	4.0	4.7	5.0	1.7		
201	1043		6.0	1.6	7.0	2.4	8.0	2.1	9.0	1.7	10.0	2.1	11.0	0.5	12.0	1.1	13.0	0.8	14.0	0.6	15.0	2.1		
202	1043		16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1044	17	2.0	0.	3.0	0.5	4.0	6.0	5.0	18.7	6.0	10.3	7.0	9.6	8.0	9.5	9.0	9.5	10.0	7.3	11.0	9.1		
201	1044		12.0	6.0	13.0	5.0	14.0	3.2	15.0	2.3	16.0	1.4	17.0	1.6	18.0	0.	0.	0.	0.	0.	0.	0.		
200	1045	19	-1.0	0.	0.	6.0	1.0	17.0	2.0	25.5	3.0	23.5	4.0	8.0	5.0	7.6	6.0	1.2	7.0	1.3	8.0	1.4		
201	1045		9.0	1.4	10.0	1.8	11.0	0.5	12.0	0.7	13.0	0.8	14.0	0.5	15.0	0.6	16.0	2.6	17.0	0.	0.	0.		
200	1046	20	-1.0	0.	0.	1.0	1.0	4.0	2.0	12.7	3.0	16.3	4.0	9.0	5.0	14.5	6.0	4.3	7.0	5.3	8.0	4.8		
201	1046		9.0	5.2	10.0	6.2	11.0	2.7	12.0	3.2	13.0	2.7	14.0	2.1	15.0	1.6	16.0	1.4	17.0	3.0	18.0	0.		
200	1047 A	25	-6.0	0.	-5.0	1.4	-4.0	1.9	-3.0	2.2	-2.0	2.2	-1.0	2.4	0.	1.8	1.0	4.5	2.0	7.2	3.0	9.4		
201	1047 A		4.0	15.3	5.0	15.9	6.0	3.4	7.0	3.4	8.0	4.6	9.0	3.6	10.0	5.9	11.0	3.1	12.0	2.7	13.0	2.2		
202	1047 A		14.0	1.9	15.0	1.3	16.0	1.1	17.0	2.5	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1048	19	-1.0	0.	0.	0.5	1.0	1.3	2.0	3.2	3.0	2.0	4.0	2.0	5.0	6.8	6.0	6.2	7.0	9.1	8.0	13.5		
201	1048		9.0	10.6	10.0	13.8	11.0	9.0	12.0	8.4	13.0	5.6	14.0	3.8	15.0	2.2	16.0	2.0	17.0	0.	0.	0.		
200	1049	14	3.0	0.	4.0	1.6	5.0	1.8	6.0	6.5	7.0	9.8	8.0	13.3	9.0	13.1	10.0	14.5	11.0	13.8	12.0	10.6		
201	1049		13.0	7.0	14.0	4.2	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
200	1050	27	-7.0	0.	-6.0	1.7	-5.0	0.6	-4.0	1.1	-3.0	1.4	-2.0	2.2	-1.0	4.1	0.	4.4	1.0	5.3	2.0	16.9		
201	1050		3.0	22.2	4.0	4.4	5.0	4.2	6.0	2.2	7.0	3.4	8.0	4.3	9.0	2.4	10.0	4.5	11.0	3.0	12.0	2.7		
202	1050		13.0	1.8	14.0	1.7	15.0	1.4	16.0	1.0	17.0	0.8	18.0	2.0	19.0	0.	0.	0.	0.	0.		
200	1051	15	-1.0	0.	0.	1.5	1.0	8.5	2.0	11.2	3.0	7.7	4.0	3.0	5.0	5.3	6.0	6.1	7.0	7.2	8.0	13.7		

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1051			9.0	10.3	10.0	19.6	11.0	4.9	12.0	0.9	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1052		15	-2.0	0.	-1.0	3.0	0.	16.0	1.0	36.0	2.0	25.0	3.0	9.0	4.0	0.	5.0	0.	6.0	0.6	7.0	1.1
201	1052			8.0	1.3	9.0	0.1	10.0	3.7	11.0	4.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1053		11	2.0	0.	3.0	17.0	4.0	69.5	5.0	8.5	6.0	0.5	7.0	0.9	8.0	0.7	9.0	0.5	10.0	1.6	11.0	0.8
201	1053			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1054		18	-1.0	0.	0.	1.0	1.0	10.0	2.0	12.5	3.0	3.5	4.0	3.5	5.0	22.0	6.0	14.8	7.0	8.1	8.0	4.8
201	1054			9.0	3.9	10.0	4.3	11.0	3.6	12.0	2.1	13.0	1.9	14.0	1.3	15.0	2.7	16.0	0.	0.	0.	0.	0.
200	1055		6	1.0	0.	2.0	1.0	3.0	44.0	4.0	51.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1056		7	-1.0	0.	0.	2.0	1.0	46.0	2.0	38.0	3.0	9.5	4.0	4.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1057		11	-1.0	0.	-0.5	9.0	0.	14.0	0.5	20.0	1.0	16.0	1.5	16.0	2.0	12.0	2.5	7.0	3.0	5.0	3.5	1.0
201	1057			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1058		7	-1.0	0.	0.	5.0	1.0	29.0	2.0	39.5	3.0	21.5	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1059		8	-1.0	0.	0.	1.0	1.0	2.0	2.0	12.0	3.0	40.0	4.0	40.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1060		7	-1.0	0.	0.	2.5	1.0	36.5	2.0	47.5	3.0	10.0	4.0	3.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1061	A	19	0.	0.	1.0	0.2	2.0	1.0	3.0	2.8	4.0	1.1	5.0	2.5	6.0	5.0	7.0	9.6	8.0	6.3	9.0	14.5
201	1061	A		10.0	10.0	11.0	2.0	12.0	10.3	13.0	8.7	14.0	6.0	15.0	4.5	16.0	2.6	17.0	2.9	18.0	0.	0.	0.
200	1062		7	0.	0.	1.0	5.0	2.0	32.0	3.0	29.0	4.0	23.0	5.0	11.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1063		6	1.0	0.	2.0	45.0	3.0	45.0	4.0	7.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1064		7	-1.0	0.	0.	2.0	1.0	14.5	2.0	52.5	3.0	24.0	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1066		13	0.	0.	1.0	5.0	2.0	38.0	3.0	24.0	4.0	10.0	5.0	9.2	6.0	3.1	7.0	1.8	8.0	1.8	9.0	1.4
201	1066			10.0	1.6	11.0	4.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1067		15	0.	0.	1.0	1.2	2.0	8.0	3.0	11.6	4.0	13.2	5.0	25.5	6.0	18.6	7.0	7.7	8.0	5.6	9.0	5.1
201	1067			10.0	3.9	11.0	2.4	12.0	1.4	13.0	1.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1068		16	0.	0.	1.0	0.9	2.0	3.6	3.0	13.2	4.0	8.3	5.0	22.6	6.0	12.8	7.0	8.7	8.0	6.9	9.0	6.3
201	1068			10.0	5.3	11.0	3.8	12.0	2.6	13.0	2.0	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1069		15	1.0	0.	2.0	15.0	3.0	44.0	4.0	14.0	5.0	7.3	6.0	4.5	7.0	3.2	8.0	2.4	9.0	2.2	10.0	2.1
201	1069			11.0	1.6	12.0	1.2	13.0	0.9	14.0	2.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1070		7	-1.0	0.	0.	8.0	1.0	46.5	2.0	39.5	3.0	3.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1071		12	1.0	0.	2.0	3.0	3.0	13.1	4.0	19.4	5.0	28.0	6.0	10.8	7.0	7.7	8.0	5.7	9.0	4.1	10.0	3.8
201	1071			11.0	4.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1072		13	1.0	0.	2.0	8.0	3.0	37.0	4.0	25.0	5.0	11.4	6.0	3.3	7.0	3.8	8.0	2.5	9.0	1.7	10.0	2.8
201	1072			11.0	4.0	12.0	0.5	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1073		13	1.0	0.	2.0	1.5	3.0	14.5	4.0	46.0	5.0	18.5	6.0	4.9	7.0	3.6	8.0	2.8	9.0	2.7	10.0	2.4
201	1073			11.0	2.8	12.0	0.3	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1074		13	1.0	0.	2.0	35.0	3.0	35.0	4.0	12.3	5.0	8.3	6.0	2.0	7.0	1.6	8.0	1.8	9.0	1.1	10.0	1.2
201	1074			11.0	1.4	12.0	0.3	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1075		14	-1.0	0.	0.	2.5	1.0	10.8	2.0	36.5	3.0	21.6	4.0	11.6	5.0	2.7	6.0	2.4	7.0	2.1	8.0	2.0
201	1075			9.0	1.6	10.0	1.8	11.0	4.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1076		18	-5.0	0.	-4.0	0.4	-3.0	3.1	-2.0	5.6	-1.0	4.2	0.	5.6	1.0	13.4	2.0	41.0	3.0	15.6	4.0	0.7
201	1076			5.0	1.5	6.0	1.1	7.0	1.5	8.0	1.2	9.0	1.1	10.0	1.1	11.0	2.8	12.0	0.	0.	0.	0.	0.
200	1077		13	0.	0.	1.0	4.0	2.0	27.6	3.0	31.6	4.0	15.8	5.0	3.9	6.0	4.2	7.0	4.0	8.0	3.3	9.0	2.2
201	1077			10.0	1.7	11.0	1.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1078	A	15	1.0	0.	2.0	2.3	3.0	14.5	4.0	12.9	5.0	5.9	6.0	18.0	7.0	3.5	8.0	15.9	9.0	8.2	10.0	7.5
201	1078	A		11.0	5.3	12.0	3.0	13.0	1.6	14.0	1.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1079		13	0.	0.	1.0	0.8	2.0	20.5	3.0	32.0	4.0	23.8	5.0	10.0	6.0	2.6	7.0	2.2	8.0	2.4	9.0	1.7
201	1079			10.0	1.5	11.0	2.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1080		13	0.	0.	1.0	1.7	2.0	42.2	3.0	36.0	4.0	7.0	5.0	2.9	6.0	2.6	7.0	3.0	8.0	2.1	9.0	1.1
201	1080			10.0	0.6	11.0	0.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1081		8	-1.0	0.	0.	1.0	1.0	14.0	2.0	51.0	3.0	23.0	4.0	2.0	5.0	9.0	6.0	0.	0.	0.	0.	0.
200	1082		8	-1.0	0.	0.	5.0	1.0	20.0	2.0	47.0	3.0	18.5	4.0	2.5	5.0	7.0	6.0	0.	0.	0.	0.	0.
200	1083		17	-1.0	0.	0.	1.4	1.0	5.0	2.0	27.0	3.0	32.0	4.0	5.7	5.0	7.8	6.0	4.5	7.0	3.5	8.0	2.8
201	1083			9.0	2.3	10.0	2.5	11.0	1.7	12.0	1.2	13.0	0.8	14.0	1.8	15.0	0.	0.	0.	0.	0.	0.	0.
200	1084		14	-1.0	0.	0.	2.4	1.0	9.5	2.0	37.8	3.0	23.3	4.0	5.9	5.0	4.5	6.0	4.0	7.0	2.5	8.0	1.9
201	1084			9.0	1.7	10.0	1.5	11.0	4.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1091		14	3.0	0.	4.0	3.0	5.0	13.4	6.0	18.7	7.0	15.8	8.0	12.8	9.0	9.9	10.0	7.5	11.0	7.9	12.0	4.3
201	1091			13.0	3.0	14.0	1.9	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1092		17	0.	0.	1.0	2.1	2.0	15.9	3.0	14.2	4.0	8.2	5.0	10.2	6.0	6.6	7.0	8.9	8.0	8.5	9.0	6.2
201	1092			10.0	5.7	11.0	5.0	12.0	3.0	13.0	2.2	14.0	1.4	15.0	1.9	16.0	0.	0.	0.	0.	0.	0.	0.
200	1093		14	-1.0	0.	0.	0.9	1.0	6.0	2.0	23.2	3.0	43.8	4.0	12.0	5.0	1.0	6.0	2.2	7.0	1.9	8.0	2.1
201	1093			9.0	1.4	10.0	1.5	11.0	3.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1094		15	3.0	0.	4.0	2.8	5.0	18.6	6.0	10.5	7.0	6.0	8.0	10.1	9.0	11.3	10.0	7.2	11.0	10.5	12.0	7.0
201	1094			13.0	5.5	14.0	4.5	15.0	2.5	16.0	3.5	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1095		20	-1.0	0.	0.	0.2	1.0	1.6	2.0	3.6	3.0	4.3	4.0	6.3	5.0	13.4	6.0	8.5	7.0	8.0	8.0	8.5
201	1095			9.0	9.4	10.0	7.3	11.0	8.9	12.0	5.5	13.0	4.5	14.0	3.7	15.0	2.3	16.0	1.6	17.0	2.4	18.0	0.
200	1096		20	-1.0	0.	0.	2.1	1.0	4.3	2.0	13.8	3.0	12.0	4.0	9.5	5.0	7.1	6.0	6.9	7.0	5.1	8.0	6.1
201	1096			9.0	6.4	10.0	6.0	11.0	4.3	12.0	4.0	13.0	3.2	14.0	8.5	15.0	1.9	16.0	1.4	17.0	3.0	18.0	0.
200	1097		15	3.0	0.	4.0	1.2	5.0	13.7	6.0	1.8	7.0	9.7	8.0	11.8	9.0	12.8	10.0	10.2	11.0	12.8	12.0	9.0
201	1097			13.0	6.5	14.0	5.5	15.0	3.0	16.0	3.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1098		15	3.0	0.	4.0	3.6	5.0	13.4	6.0	7.9	7.0	7.9	8.0	9.9	9.0	10.0	10.0	10.2	11.0	9.8	12.0	8.5
201	1098			13.0	6.0	14.0	5.0	15.0	3.2	16.0	4.8	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1099		16	3.0	0.	4.0	7.2	5.0	27.8	6.0	8.5	7.0	6.3	8.0	7.8	9.0	7.2	10.0	6.9	11.0	7.3	12.0	5.4
201	1099			13.0	4.6	14.0	3.1	15.0	2.4	16.0	1.8	17.0	2.7	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1100		7	-2.0	0.	-1.0	7.0	0.	23.0	1.0	50.0	2.0	17.0	3.0	3.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1101		11	-6.0	0.	-5.0	0.5	-4.0	0.6	-3.0	3.4	-2.0	4.5	-1.0	5.7	0.	22.2	1.0	41.8	2.0	13.3	3.0	8.0
201	1101			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1102		12	-6.0	0.	-5.0	5.8	-4.0	19.9	-3.0	12.4	-2.0	8.3	-1.0	6.9	0.	0.5	1.0	13.6	2.0	25.7	3.0	6.1
201	1102			4.0	0.9	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1103		12	-7.0	0.	-6.0	27.3	-5.0	21.2	-4.0	7.0	-3.0	11.4	-2.0	5.5	-1.0	0.9	0.	2.4	1.0	11.2	2.0	10.4
201	1103			3.0	2.7	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1104		6	-1.0	0.	0.	3.0	1.0	57.0	2.0	34.0	3.0	6.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1106		6	-1.0	0.	0.	8.0	1.0	56.0	2.0	30.0	3.0	6.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1107		7	1.5	0.	2.0	52.0	2.5	35.0	3.0	8.0	3.5	2.0	4.0	3.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1108		7	2.5	0.	3.0	20.0	3.5	50.0	4.0	19.0	4.5	2.0	5.0	9.0	5.5	0.	0.	0.	0.	0.	0.	0.
200	1109		6	1.0	0.	2.0	20.0	3.0	50.0	4.0	20.0	5.0	10.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1110		6	1.0	0.	2.0	36.0	3.0	44.0	4.0	12.0	5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1112		8	1.5	0.	2.0	5.0	2.5	15.5	3.0	18.0	3.5	36.5	4.0	18.0	4.5	7.0	5.0	0.	0.	0.	0.	0.
200	1113		7	0.	0.	1.0	2.0	2.0	14.0	3.0	16.0	4.0	60.0	5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1114		7	-1.0	0.	0.	4.0	1.0	37.0	2.0	49.5	3.0	8.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1115		8	1.5	0.	2.0	1.0	2.5	7.0	3.0	22.0	3.5	38.0	4.0	19.0	4.5	13.0	5.0	0.	0.	0.	0.	0.
200	1116		12	-5.0	0.	-4.0	2.0	-3.0	5.0	-2.0	6.6	-1.0	12.4	0.	5.7	1.0	12.1	2.0	26.4	3.0	14.7	4.0	7.6

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1116			5.0	7.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1117		7	-1.0	0.	0.	2.0	1.0	3.0	2.0	43.0	3.0	46.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1118		12	-1.0	0.	-0.5	3.0	0.	7.0	0.5	29.0	1.0	16.0	1.5	25.0	2.0	11.0	2.5	5.0	3.0	3.0	3.5	0.
201	1118			4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1119		10	-1.0	0.	-0.5	2.0	0.	5.0	0.5	6.0	1.0	16.0	1.5	30.0	2.0	25.0	2.5	12.0	3.0	4.0	3.5	0.
200	1120		12	-6.0	0.	-5.0	2.9	-4.0	10.0	-3.0	13.6	-2.0	10.0	-1.0	7.9	0.	0.	1.0	1.1	2.0	14.5	3.0	37.3
201	1120			4.0	2.8	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1121		6	1.5	0.	2.0	27.0	2.5	46.0	3.0	24.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1123		6	-1.0	0.	0.	0.5	1.0	12.5	2.0	68.5	3.0	18.5	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1124		7	-2.0	0.	-1.0	5.0	0.	10.0	1.0	41.0	2.0	37.0	3.0	7.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1125		6	0.	0.	1.0	6.5	2.0	56.5	3.0	36.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1126		6	-1.0	0.	0.	3.0	1.0	24.0	2.0	50.0	3.0	23.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1127		11	-5.0	0.	-4.0	8.1	-3.0	0.7	-2.0	2.5	-1.0	4.3	0.	3.4	1.0	16.0	2.0	32.9	3.0	29.5	4.0	2.5
201	1127			5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1128		8	-2.0	0.	-1.0	2.0	0.	13.0	1.0	20.0	2.0	42.0	3.0	21.0	4.0	2.0	5.0	0.	0.	0.	0.	0.
200	1129		11	-6.0	0.	-5.0	1.6	-4.0	7.0	-3.0	11.5	-2.0	11.5	-1.0	5.4	0.	7.6	1.0	13.9	2.0	25.8	3.0	15.7
201	1129			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1130		9	-2.0	0.	-1.0	2.0	0.	8.0	1.0	24.0	2.0	37.5	3.0	18.5	4.0	5.0	5.0	5.0	6.0	0.	0.	0.
200	1133		13	-6.0	0.	-5.0	8.2	-4.0	17.1	-3.0	4.9	-2.0	4.7	-1.0	8.6	0.	3.6	1.0	15.7	2.0	21.8	3.0	11.8
201	1133			4.0	1.4	5.0	1.4	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1134		13	-7.0	0.	-6.0	25.6	-5.0	18.9	-4.0	8.7	-3.0	3.1	-2.0	2.2	-1.0	1.6	0.	2.0	1.0	13.6	2.0	8.4
201	1134			3.0	12.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1135		7	-2.0	0.	-1.0	1.0	0.	6.5	1.0	24.5	2.0	51.0	3.0	17.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1136		12	-6.0	0.	-5.0	4.5	-4.0	4.4	-3.0	5.2	-2.0	7.0	-1.0	6.4	0.	2.9	1.0	15.2	2.0	33.4	3.0	16.7
201	1136			4.0	4.3	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1137		12	-6.0	0.	-5.0	57.0	-4.0	5.2	-3.0	6.7	-2.0	2.6	-1.0	1.6	0.	0.3	1.0	3.8	2.0	7.8	3.0	8.6
201	1137			4.0	6.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1138		12	-6.0	0.	-5.0	14.6	-4.0	2.5	-3.0	8.8	-2.0	9.7	-1.0	6.4	0.	3.6	1.0	4.2	2.0	17.3	3.0	23.9
201	1138			4.0	5.4	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1139		9	-7.0	0.	-6.0	75.0	-5.0	12.9	-4.0	3.1	-3.0	2.3	-2.0	1.9	-1.0	1.3	0.	3.6	1.0	0.	0.	0.
200	1140		13	-6.0	0.	-5.0	6.8	-4.0	0.4	-3.0	2.4	-2.0	5.9	-1.0	6.5	0.	0.	1.0	0.8	2.0	14.8	3.0	46.0
201	1140			4.0	14.8	5.0	1.6	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1141		13	-6.0	0.	-5.0	0.3	-4.0	0.5	-3.0	1.4	-2.0	6.6	-1.0	5.8	0.	4.3	1.0	21.4	2.0	27.4	3.0	14.1
201	1141			4.0	14.1	5.0	4.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1142		7	0.	0.	1.0	2.0	2.0	33.0	3.0	51.0	4.0	11.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1143		8	-2.0	0.	-1.0	1.0	0.	2.0	1.0	7.0	2.0	60.0	3.0	28.5	4.0	1.5	5.0	0.	0.	0.	0.	0.
200	1144		13	-6.0	0.	-5.0	15.2	-4.0	1.5	-3.0	9.9	-2.0	14.6	-1.0	13.1	0.	2.3	1.0	7.3	2.0	17.8	3.0	13.7
201	1144			4.0	3.8	5.0	0.9	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1146		8	-6.0	0.	-5.0	45.4	-4.0	38.5	-3.0	6.2	-2.0	3.1	-1.0	2.2	0.	4.7	1.0	0.	0.	0.	0.	0.
200	1147		14	-7.0	0.	-6.0	26.0	-5.0	32.7	-4.0	14.4	-3.0	6.1	-2.0	6.2	-1.0	6.6	0.	0.4	1.0	0.9	2.0	2.9
201	1147			3.0	2.6	4.0	0.6	5.0	0.6	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1148		8	-1.0	0.	0.	1.0	1.0	10.0	2.0	31.0	3.0	35.0	4.0	18.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1149		7	-1.0	0.	0.	2.0	1.0	6.0	2.0	26.0	3.0	57.0	4.0	9.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1150		12	-6.0	0.	-5.0	13.8	-4.0	46.4	-3.0	15.5	-2.0	7.0	-1.0	5.1	0.	0.2	1.0	1.0	2.0	6.3	3.0	3.4
201	1150			4.0	1.2	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1151		11	-5.0	0.	-4.0	8.1	-3.0	9.5	-2.0	4.9	-1.0	2.4	0.	12.0	1.0	27.1	2.0	24.0	3.0	9.0	4.0	3.0
201	1151			5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1152		13	-6.0	0.	-5.0	52.0	-4.0	17.5	-3.0	9.7	-2.0	6.3	-1.0	4.5	0.	0.5	1.0	0.7	2.0	1.6	3.0	2.7
201	1152			4.0	3.5	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1153		8	-1.0	0.	0.	1.5	1.0	3.5	2.0	2.0	3.0	45.0	4.0	41.0	5.0	7.0	6.0	0.	0.	0.	0.	0.
200	1154		11	-5.0	0.	-4.0	0.4	-3.0	8.5	-2.0	12.6	-1.0	7.3	0.	9.0	1.0	27.1	2.0	26.7	3.0	6.1	4.0	3.2
201	1154			5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1155		14	-7.0	0.	-6.0	5.2	-5.0	19.9	-4.0	7.2	-3.0	18.1	-2.0	11.4	-1.0	9.0	0.	1.2	1.0	4.7	2.0	7.4
201	1155			3.0	8.0	4.0	5.9	5.0	2.4	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1156		14	-7.0	0.	-6.0	18.6	-5.0	35.2	-4.0	12.0	-3.0	7.7	-2.0	7.7	-1.0	9.5	0.	1.2	1.0	4.1	2.0	2.1
201	1156			3.0	0.8	4.0	0.7	5.0	0.4	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1157		12	-5.0	0.	-4.0	0.6	-3.0	6.2	-2.0	3.7	-1.0	2.8	0.	0.9	1.0	2.6	2.0	20.8	3.0	47.7	4.0	10.4
201	1157			5.0	4.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1158		12	-5.0	0.	-4.0	1.5	-3.0	21.0	-2.0	11.5	-1.0	13.1	0.	13.8	1.0	10.6	2.0	8.5	3.0	8.5	4.0	8.5
201	1158			5.0	3.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1160		20	-7.0	0.	-6.0	21.8	-5.0	6.8	-4.0	6.4	-3.0	28.6	-2.0	20.8	-1.0	10.4	0.	0.2	1.0	0.9	2.0	0.9
201	1160			3.0	0.8	4.0	1.6	5.0	0.4	6.0	0.1	7.0	0.	8.0	0.	9.0	0.	10.0	0.	11.0	0.2	12.0	0.
200	1161		12	-5.0	0.	-4.0	0.6	-3.0	7.5	-2.0	3.4	-1.0	1.6	0.	5.2	1.0	6.9	2.0	6.9	3.0	22.6	4.0	33.0
201	1161			5.0	12.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1162		12	-5.0	0.	-4.0	1.0	-3.0	13.7	-2.0	10.4	-1.0	8.2	0.	7.4	1.0	4.0	2.0	2.7	3.0	18.7	4.0	27.4
201	1162			5.0	6.7	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1163		8	-1.0	0.	0.	10.0	1.0	36.0	2.0	21.0	3.0	13.0	4.0	14.0	5.0	6.0	6.0	0.	0.	0.	0.	0.
200	1164		6	1.0	0.	2.0	2.5	3.0	18.5	4.0	54.0	5.0	25.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1165		12	-5.0	0.	-4.0	0.3	-3.0	2.5	-2.0	5.0	-1.0	2.6	0.	10.8	1.0	23.2	2.0	28.6	3.0	21.5	4.0	2.7
201	1165			5.0	2.7	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1166	A	20	-6.0	0.	-5.0	6.3	-4.0	7.9	-3.0	6.5	-2.0	6.1	-1.0	7.4	0.	1.6	1.0	10.2	2.0	15.8	3.0	15.1
201	1166	A		4.0	8.7	5.0	3.9	6.0	1.6	7.0	1.5	8.0	1.3	9.0	1.3	10.0	0.8	11.0	1.2	12.0	3.0	13.0	0.
200	1166	B	19	-1.0	0.	0.	4.0	1.0	9.0	2.0	12.5	3.0	16.0	4.0	7.0	5.0	7.6	6.0	5.3	7.0	4.3	8.0	6.4
201	1166	B		9.0	5.4	10.0	3.7	11.0	3.8	12.0	3.5	13.0	2.8	14.0	2.2	15.0	1.7	16.0	4.8	17.0	0.	0.	0.
200	1167		23	-6.0	0.	-5.0	12.3	-4.0	21.1	-3.0	21.2	-2.0	10.5	-1.0	6.7	0.	1.1	1.0	4.8	2.0	6.5	3.0	3.4
201	1167			4.0	1.6	5.0	2.1	6.0	1.5	7.0	1.1	8.0	1.2	9.0	0.8	10.0	0.8	11.0	0.7	12.0	0.6	13.0	0.5
202	1167			14.0	0.4	15.0	1.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1168		13	-6.0	0.	-5.0	2.2	-4.0	5.7	-3.0	4.9	-2.0	3.6	-1.0	7.5	0.	3.8	1.0	1.1	2.0	2.7	3.0	48.7
201	1168			4.0	14.5	5.0	5.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1169		25	-7.0	0.	-6.0	4.3	-5.0	4.9	-4.0	4.4	-3.0	7.5	-2.0	6.3	-1.0	3.9	0.	0.	1.0	0.7	2.0	1.4
201	1169			3.0	30.9	4.0	13.7	5.0	2.5	6.0	2.3	7.0	2.0	8.0	2.4	9.0	2.0	10.0	1.7	11.0	1.6	12.0	1.6
202	1169			13.0	1.2	14.0	1.0	15.0	0.9	16.0	2.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1170		15	2.0	0.	3.0	11.0	4.0	9.0	5.0	10.6	6.0	9.1	7.0	10.1	8.0	12.8	9.0	7.7	10.0	6.4	11.0	8.3
201	1170			12.0	5.0	13.0	4.0	14.0	2.5	15.0	3.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1171		18	-1.0	0.	0.	0.5	1.0	0.2	2.0	1.3	3.0	2.0	4.0	0.9	5.0	7.0	6.0	7.0	7.0	8.5	8.0	10.7
201	1171			9.0	15.0	10.0	4.3	11.0	19.6	12.0	8.5	13.0	6.5	14.0	4.0	15.0	4.0	16.0	0.	0.	0.	0.	0.
200	1172	A	25	-6.0	0.	-5.0	5.3	-4.0	1.8	-3.0	2.1	-2.0	1.8	-1.0	1.5	0.	0.	1.0	0.4	2.0	5.0	3.0	17.5
201	1172	A		4.0	6.4	5.0	3.0	6.0	4.3	7.0	6.4	8.0	7.1	9.0	7.0	10.0	5.3	11.0	5.2	12.0	5.2	13.0	4.0
202	1172	A		14.0	3.1	15.0	2.4	16.0	1.7	17.0	3.5	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1173		15	2.0	0.	3.0	31.5	4.0	34.0	5.0	12.3	6.0	3.5	7.0	3.1	8.0	2.6	9.0	1.8	10.0	2.2	11.0	1.5

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1173			12.0	1.2	13.0	1.0	14.0	0.9	15.0	4.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1175		24	-6.0	0.	-5.0	3.1	-4.0	9.0	-3.0	6.5	-2.0	5.5	-1.0	8.1	0.	3.5	1.0	4.2	2.0	10.6	3.0	11.0	
201	1175			4.0	7.4	5.0	6.8	6.0	3.8	7.0	3.7	8.0	4.3	9.0	2.2	10.0	2.2	11.0	2.8	12.0	1.8	13.0	1.4	
202	1175			14.0	1.1	15.0	0.9	16.0	3.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1176		21	-7.0	0.	-6.0	11.8	-5.0	13.2	-4.0	6.7	-3.0	4.1	-2.0	2.1	-1.0	1.5	0.	1.8	1.0	7.9	2.0	7.2	
201	1176			3.0	13.9	4.0	11.5	5.0	3.8	6.0	1.6	7.0	2.4	8.0	2.2	9.0	2.5	10.0	2.1	11.0	1.4	12.0	2.2	
202	1176			13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1177		24	-7.0	0.	-6.0	4.7	-5.0	7.8	-4.0	2.0	-3.0	3.9	-2.0	3.2	-1.0	2.7	0.	3.4	1.0	10.2	2.0	14.0	
201	1177			3.0	11.3	4.0	4.5	5.0	4.2	6.0	4.5	7.0	3.6	8.0	3.2	9.0	2.2	10.0	2.2	11.0	2.1	12.0	1.7	
202	1177			13.0	1.4	14.0	1.2	15.0	3.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1178		19	-6.0	0.	-5.0	11.7	-4.0	11.2	-3.0	11.3	-2.0	11.7	-1.0	9.1	0.	3.6	1.0	8.1	2.0	14.4	3.0	8.6	
201	1178			4.0	3.2	5.0	2.7	6.0	1.3	7.0	0.9	8.0	0.9	9.0	0.5	10.0	0.3	11.0	0.7	12.0	0.	0.	0.	
200	1179		18	-1.0	0.	0.	1.0	1.0	3.8	2.0	9.4	3.0	16.9	4.0	17.9	5.0	15.0	6.0	7.0	7.0	5.9	8.0	3.9	
201	1179			9.0	3.0	10.0	2.9	11.0	2.8	12.0	2.3	13.0	1.7	14.0	1.7	15.0	4.8	16.0	0.	0.	0.	0.	0.	
200	1180		24	-7.0	0.	-6.0	2.5	-5.0	14.7	-4.0	15.3	-3.0	10.7	-2.0	9.0	-1.0	5.7	0.	1.0	1.0	3.1	2.0	5.6	
201	1180			3.0	4.8	4.0	2.7	5.0	5.1	6.0	3.9	7.0	3.3	8.0	2.1	9.0	1.8	10.0	1.1	11.0	1.6	12.0	1.2	
202	1180			13.0	0.9	14.0	0.7	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1181		15	2.0	0.	3.0	3.0	4.0	22.0	5.0	26.0	6.0	8.7	7.0	8.4	8.0	5.7	9.0	5.0	10.0	3.9	11.0	4.3	
201	1181			12.0	3.6	13.0	2.6	14.0	2.2	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1182		14	-1.0	0.	0.	5.0	1.0	16.0	2.0	12.0	3.0	19.0	4.0	12.0	5.0	5.7	6.0	4.9	7.0	7.7	8.0	6.4	
201	1182			9.0	6.3	10.0	2.7	11.0	2.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1184		13	-6.0	0.	-5.0	4.3	-4.0	12.6	-3.0	19.5	-2.0	17.6	-1.0	10.8	0.	3.6	1.0	3.5	2.0	12.3	3.0	10.6	
201	1184			4.0	4.1	5.0	1.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1186	A	19	-1.0	0.	0.	0.2	1.0	0.1	2.0	0.4	3.0	2.3	4.0	10.0	5.0	13.3	6.0	12.3	7.0	7.4	8.0	13.2	
201	1186	A		9.0	7.9	10.0	5.4	11.0	8.5	12.0	5.5	13.0	4.2	14.0	3.3	15.0	2.2	16.0	3.8	17.0	0.	0.	0.	
200	1188		14	3.0	0.	4.0	0.9	5.0	1.9	6.0	3.7	7.0	9.7	8.0	13.9	9.0	17.6	10.0	12.5	11.0	17.3	12.0	10.0	
201	1188			13.0	7.5	14.0	3.2	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1189		14	3.0	0.	4.0	0.1	5.0	1.1	6.0	1.8	7.0	4.9	8.0	14.7	9.0	16.6	10.0	14.3	11.0	16.5	12.0	14.0	
201	1189			13.0	8.4	14.0	2.5	15.0	3.1	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1191		14	3.0	0.	4.0	0.2	5.0	4.0	6.0	0.9	7.0	5.4	8.0	12.5	9.0	17.3	10.0	15.9	11.0	17.3	12.0	12.0	
201	1191			13.0	7.7	14.0	4.1	15.0	2.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1192	A	19	-1.0	0.	0.	2.0	1.0	8.0	2.0	14.0	3.0	9.0	4.0	9.0	5.0	7.4	6.0	2.6	7.0	3.9	8.0	5.2	
201	1192	A		9.0	8.1	10.0	6.3	11.0	4.3	12.0	5.2	13.0	4.0	14.0	3.0	15.0	2.2	16.0	3.8	17.0	0.	0.	0.	
200	1193	A	19	-1.0	0.	0.	0.8	1.0	1.6	2.0	3.8	3.0	2.8	4.0	3.0	5.0	6.9	6.0	4.4	7.0	6.0	8.0	9.2	
201	1193	A		9.0	12.7	10.0	10.6	11.0	10.6	12.0	8.4	13.0	7.2	14.0	4.8	15.0	3.2	16.0	3.8	17.0	0.	0.	0.	
200	1194		14	3.0	0.	4.0	0.2	5.0	3.1	6.0	3.1	7.0	5.6	8.0	11.1	9.0	17.1	10.0	14.1	11.0	16.7	12.0	13.0	
201	1194			13.0	8.7	14.0	4.5	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1195	A	16	2.0	0.	3.0	15.0	4.0	39.0	5.0	11.7	6.0	2.9	7.0	2.6	8.0	3.6	9.0	4.5	10.0	4.4	11.0	3.3	
201	1195	A		12.0	3.0	13.0	2.3	14.0	1.8	15.0	1.5	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1196		11	-6.0	0.	-5.0	0.3	-4.0	1.2	-3.0	2.8	-2.0	2.7	-1.0	3.9	0.	62.5	1.0	16.9	2.0	7.1	3.0	2.7	
201	1196			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1198		15	-8.0	0.	-7.0	20.6	-6.0	5.4	-5.0	44.0	-4.0	20.2	-3.0	2.4	-2.0	1.0	-1.0	1.4	0.	0.3	1.0	0.5	
201	1198			2.0	1.6	3.0	1.7	4.0	0.6	5.0	0.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1199		11	2.0	0.	3.0	1.0	4.0	32.0	5.0	33.2	6.0	7.2	7.0	4.5	8.0	4.5	9.0	4.5	10.0	4.3	11.0	8.8	
201	1199			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1200		12	-8.0	0.	-4.0	0.3	-3.0	2.3	-2.0	6.5	-1.0	4.3	0.	2.2	1.0	10.0	2.0	13.9	3.0	26.4	4.0	23.8	
201	1200			5.0	10.4	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1201		9	-7.0	0.	-6.0	7.1	-5.0	69.6	-4.0	17.1	-3.0	2.3	-2.0	1.0	-1.0	0.8	0.	2.0	1.0	0.	0.	0.	
200	1202		14	3.0	0.	4.0	4.7	5.0	11.9	6.0	13.3	7.0	12.5	8.0	11.6	9.0	11.6	10.0	9.0	11.0	8.4	12.0	6.0	
201	1202			13.0	4.5	14.0	2.9	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1203		11	2.0	0.	3.0	4.5	4.0	34.5	5.0	39.6	6.0	4.4	7.0	2.6	8.0	2.9	9.0	2.7	10.0	2.9	11.0	6.1	
201	1203			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1204		13	-6.0	0.	-5.0	16.1	-4.0	16.2	-3.0	17.6	-2.0	10.2	-1.0	9.3	0.	2.8	1.0	3.1	2.0	6.2	3.0	9.3	
201	1204			4.0	7.4	5.0	1.9	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1205		15	0.	0.	1.0	0.2	2.0	0.7	3.0	1.6	4.0	7.1	5.0	24.0	6.0	14.5	7.0	12.0	8.0	11.0	9.0	10.5	
201	1205			10.0	6.8	11.0	5.3	12.0	3.3	13.0	3.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1206		9	1.5	0.	2.0	1.0	2.5	4.5	3.0	16.5	3.5	38.5	4.0	22.0	4.5	5.5	5.0	12.0	5.5	0.	0.	0.	
200	1207		12	-6.0	0.	-5.0	6.0	-4.0	6.3	-3.0	9.6	-2.0	4.6	-1.0	2.0	0.	0.7	1.0	10.0	2.0	25.1	3.0	30.0	
201	1207			4.0	5.7	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1208		7	0.	0.	1.0	1.0	2.0	32.0	3.0	42.0	4.0	16.5	5.0	8.5	6.0	0.	0.	0.	0.	0.	0.	0.	
200	1209		11	-1.0	0.	-0.5	3.0	0.	18.0	0.5	30.0	1.0	13.0	1.5	12.0	2.0	13.0	2.5	9.0	3.0	1.0	3.5	1.0	
201	1209			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1210		8	-1.0	0.	0.	11.0	1.0	21.0	2.0	25.0	3.0	20.0	4.0	18.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	
200	1211		14	-7.0	0.	-6.0	4.5	-5.0	1.5	-4.0	2.4	-3.0	6.9	-2.0	6.1	-1.0	10.2	0.	19.1	1.0	32.1	2.0	8.9	
201	1211			3.0	5.5	4.0	2.0	5.0	0.7	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1212		14	2.0	0.	3.0	13.0	4.0	58.5	5.0	11.9	6.0	1.4	7.0	1.8	8.0	1.9	9.0	2.1	10.0	1.9	11.0	1.2	
201	1212			12.0	1.3	13.0	1.0	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1213		17	-1.0	0.	0.	1.0	1.0	5.0	2.0	2.0	3.0	12.5	4.0	27.5	5.0	22.1	6.0	4.5	7.0	3.5	8.0	8.9	
201	1213			9.0	4.4	10.0	2.8	11.0	2.8	12.0	2.6	13.0	1.8	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	
200	1214	A	19	-1.0	0.	0.	2.5	1.0	4.5	2.0	6.0	3.0	4.5	4.0	7.0	5.0	10.9	6.0	6.9	7.0	8.5	8.0	8.5	
201	1214	A		9.0	7.6	10.0	7.0	11.0	6.1	12.0	8.0	13.0	4.4	14.0	3.2	15.0	2.5	16.0	4.9	17.0	0.	0.	0.	
200	1214	B	19	-1.0	0.	0.	1.9	1.0	4.1	2.0	7.2	3.0	5.8	4.0	6.9	5.0	9.0	6.0	7.5	7.0	9.0	8.0	10.4	
201	1214	B		9.0	8.2	10.0	6.0	11.0	6.0	12.0	5.5	13.0	4.0	14.0	3.0	15.0	2.2	16.0	3.3	17.0	0.	0.	0.	
200	1216		10	-5.0	0.	-4.0	0.6	-3.0	1.1	-2.0	4.4	-1.0	10.3	0.	9.2	1.0	26.0	2.0	32.6	3.0	15.8	4.0	0.	
200	1217		7	1.0	0.	1.5	0.5	2.0	35.5	2.5	40.5	3.0	20.5	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	
200	1219		12	-6.0	0.	-5.0	3.0	-4.0	3.0	-3.0	7.6	-2.0	5.2	-1.0	2.8	0.	0.8	1.0	3.1	2.0	40.0	3.0	32.8	
201	1219			4.0	2.3	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1220		11	-1.0	0.	-0.5	4.0	0.	7.0	0.5	27.0	1.0	16.0	1.5	15.0	2.0	15.0	2.5	11.0	3.0	4.0	3.5	1.0	
201	1220			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1221		9	0.	0.	0.5	2.0	1.0	3.0	1.5	15.0	2.0	38.0	2.5	34.0	3.0	7.0	3.5	1.0	4.0	0.	0.	0.	
200	1222		9	-4.0	0.	-3.0	0.7	-2.0	7.3	-1.0	25.3	0.	18.7	1.0	26.6	2.0	16.0	3.0	5.3	4.0	0.	0.	0.	
200	1224		23	-7.0	0.	-6.0	0.4	-5.0	6.9	-4.0	11.1	-3.0	4.9	-2.0	3.1	-1.0	3.7	0.	2.6	1.0	2.6	2.0	9.1	
201	1224			3.0	13.6	4.0	17.1	5.0	8.3	6.0	2.8	7.0	2.3	8.0	1.7	9.0	1.8	10.0	1.7	11.0	1.1	12.0	1.0	
202	1224			13.0	0.8	14.0	2.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1226		16	-2.0	0.	-1.0	1.0	0.	4.5	1.0	4.5	2.0	7.5	3.0	16.5	4.0	41.0	5.0	15.7	6.0	1.5	7.0	1.2	
201	1226			8.0	0.3	9.0	0.5	10.0	0.8	11.0	0.6	12.0	4.4	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1227		24	-6.0	0.	-5.0	2.1	-4.0	8.3	-3.0	3.2	-2.0	3.0	-1.0	4.7	0.	2.3	1.0	4.2	2.0	6.0	3.0	7.2	
201	1227			4.0	10.2	5.0	13.2	6.0	4.6	7.0	4.2	8.0	4.9	9.0	4.0	10.0	3.8	11.0	3.1	12.0	2.8	13.0	2.2	
202	1227			14.0	1.6	15.0	1.2	16.0	3.1	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
200	1228		13	-6.0	0.	-5.0	3.8	-4.0	11.0	-3.0	6.0	-2.0	4.8	-1.0	4.4	0.	3.5	1.0	14.0	2.0	28.7	3.0	11.9	

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1228			4.0	8.8	5.0	3.2	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1229		16	-2.0	0.	-1.0	1.0	0.	2.0	1.0	0.	2.0	2.5	3.0	31.5	4.0	28.0	5.0	10.9	6.0	3.9	7.0	4.0
201	1229			8.0	2.8	9.0	3.8	10.0	3.6	11.0	2.4	12.0	3.6	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1230		14	-7.0	0.	-6.0	2.4	-5.0	6.0	-4.0	10.5	-3.0	4.4	-2.0	3.5	-1.0	5.0	0.	3.4	1.0	8.9	2.0	15.3
201	1230			3.0	17.0	4.0	15.7	5.0	7.9	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1231		11	2.0	0.	3.0	30.0	4.0	46.0	5.0	13.5	6.0	2.0	7.0	1.2	8.0	1.0	9.0	1.1	10.0	0.7	11.0	4.5
201	1231			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1232		13	2.0	0.	3.0	10.0	4.0	44.0	5.0	30.2	6.0	2.9	7.0	1.9	8.0	1.3	9.0	1.3	10.0	1.9	11.0	1.2
201	1232			12.0	1.3	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1233		14	-7.0	0.	-6.0	17.1	-5.0	23.8	-4.0	8.8	-3.0	8.6	-2.0	6.2	-1.0	4.4	0.	1.6	1.0	5.3	2.0	8.7
201	1233			3.0	4.7	4.0	4.4	5.0	6.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1234		14	2.0	0.	3.0	1.0	4.0	9.5	5.0	42.9	6.0	11.0	7.0	6.3	8.0	4.9	9.0	5.8	10.0	6.1	11.0	3.5
201	1234			12.0	3.0	13.0	2.0	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1235		23	-8.0	0.	-7.0	72.7	-6.0	1.7	-5.0	6.4	-4.0	3.6	-3.0	0.7	-2.0	0.4	-1.0	0.4	0.	0.	1.0	0.6
201	1235			2.0	1.6	3.0	1.2	4.0	2.4	5.0	4.9	6.0	0.7	7.0	0.5	8.0	0.3	9.0	0.4	10.0	0.4	11.0	0.3
202	1235			12.0	0.2	13.0	0.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1236		13	0.	0.	1.0	7.0	2.0	23.0	3.0	14.0	4.0	38.0	5.0	11.4	6.0	1.4	7.0	0.7	8.0	0.9	9.0	0.6
201	1236			10.0	0.5	11.0	2.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1237		7	0.	0.	1.0	4.0	2.0	16.0	3.0	24.0	4.0	46.0	5.0	10.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1238		12	-5.0	0.	-4.0	6.5	-3.0	47.1	-2.0	12.4	-1.0	4.8	0.	3.5	1.0	8.2	2.0	9.2	3.0	5.1	4.0	2.6
201	1238			5.0	0.6	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1239	A	13	-6.0	0.	-5.0	2.3	-4.0	10.7	-3.0	20.2	-2.0	10.4	-1.0	6.9	0.	1.0	1.0	1.5	2.0	4.0	3.0	20.6
201	1239	A		4.0	17.4	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1239	B	12	1.0	0.	2.0	6.0	3.0	44.0	4.0	29.0	5.0	14.0	6.0	1.6	7.0	0.8	8.0	0.	9.0	0.4	10.0	0.4
201	1239	B		11.0	3.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1240		21	-6.0	0.	-5.0	0.8	-4.0	1.3	-3.0	3.1	-2.0	4.3	-1.0	3.4	0.	0.9	1.0	7.8	2.0	10.5	3.0	9.6
201	1240			4.0	10.5	5.0	10.3	6.0	12.1	7.0	12.7	8.0	4.5	9.0	1.8	10.0	1.4	11.0	1.3	12.0	1.0	13.0	2.8
202	1240			14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1241		6	2.0	0.	2.5	35.0	3.0	46.0	3.5	16.0	4.0	3.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1242		16	1.0	0.	2.0	5.5	3.0	22.5	4.0	26.0	5.0	23.4	6.0	1.7	7.0	5.7	8.0	2.3	9.0	2.2	10.0	1.3
201	1242			11.0	1.9	12.0	1.2	13.0	1.3	14.0	1.0	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1243		13	3.0	0.	4.0	7.3	5.0	37.2	6.0	13.3	7.0	7.8	8.0	5.6	9.0	6.2	10.0	6.3	11.0	4.8	12.0	3.7
201	1243			13.0	2.9	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1245		11	-5.0	0.	-4.0	12.7	-3.0	2.2	-2.0	0.2	-1.0	0.	0.	0.	1.0	0.	2.0	10.2	3.0	59.4	4.0	15.3
201	1245			5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1246		15	-8.0	0.	-7.0	69.3	-6.0	2.7	-5.0	8.4	-4.0	5.0	-3.0	0.7	-2.0	0.2	-1.0	0.3	0.	0.5	1.0	1.1
201	1246			2.0	5.1	3.0	4.8	4.0	1.3	5.0	0.5	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1248		14	2.0	0.	3.0	2.0	4.0	38.0	5.0	38.4	6.0	4.6	7.0	2.4	8.0	1.7	9.0	2.1	10.0	1.8	11.0	1.5
201	1248			12.0	1.3	13.0	1.3	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1249		13	2.0	0.	3.0	1.0	4.0	8.0	5.0	23.9	6.0	11.1	7.0	9.9	8.0	10.6	9.0	11.5	10.0	9.2	11.0	6.4
201	1249			12.0	4.1	13.0	4.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1250		15	1.0	0.	2.0	1.5	3.0	4.0	4.0	7.0	5.0	13.1	6.0	8.2	7.0	9.1	8.0	11.6	9.0	13.7	10.0	10.7
201	1250			11.0	7.1	12.0	5.6	13.0	3.8	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1251		13	2.0	0.	3.0	1.0	4.0	22.2	5.0	34.0	6.0	7.8	7.0	5.9	8.0	5.4	9.0	6.3	10.0	6.6	11.0	3.5
201	1251			12.0	3.0	13.0	4.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1252		12	3.0	0.	4.0	10.8	5.0	34.2	6.0	11.3	7.0	8.2	8.0	9.2	9.0	9.0	10.0	7.0	11.0	4.3	12.0	2.7
201	1252			13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1253	A	17	-1.0	0.	0.	1.0	1.0	5.0	2.0	26.0	3.0	20.0	4.0	10.0	5.0	9.7	6.0	3.6	7.0	3.8	8.0	3.9
201	1253	A		9.0	4.2	10.0	3.9	11.0	2.7	12.0	2.2	13.0	1.4	14.0	2.6	15.0	0.	0.	0.	0.	0.	0.	0.
200	1253	B	16	-1.0	0.	0.	1.0	1.0	3.0	2.0	17.0	3.0	12.0	4.0	10.0	5.0	6.9	6.0	8.4	7.0	12.1	8.0	10.3
201	1253	B		9.0	6.5	10.0	4.7	11.0	3.6	12.0	2.2	13.0	2.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1255	A	11	3.0	0.	4.0	4.0	5.0	16.0	6.0	16.1	7.0	23.2	8.0	15.4	9.0	9.6	10.0	6.0	11.0	5.0	12.0	4.7
201	1255	A		13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1255	B	16	-2.0	0.	-1.0	1.5	0.	0.1	1.0	0.	2.0	0.1	3.0	0.4	4.0	1.2	5.0	11.2	6.0	17.8	7.0	23.7
201	1255	B		8.0	15.9	9.0	10.1	10.0	7.1	11.0	6.2	12.0	4.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1256		7	1.5	0.	2.0	24.0	2.5	36.0	3.0	24.0	3.5	12.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1257		9	0.	0.	0.5	2.0	1.0	4.0	1.5	36.0	2.0	28.0	2.5	14.0	3.0	12.0	3.5	4.0	4.0	0.	0.	0.
200	1258		6	2.0	0.	2.5	20.0	3.0	58.0	3.5	18.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1259		7	1.5	0.	2.0	20.0	2.5	24.0	3.0	27.0	3.5	21.0	4.0	8.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1261		13	0.	0.	1.0	1.0	2.0	32.0	3.0	29.5	4.0	12.5	5.0	7.5	6.0	4.3	7.0	3.6	8.0	3.1	9.0	2.3
201	1261			10.0	1.5	11.0	2.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1262		11	2.0	0.	3.0	13.0	4.0	33.0	5.0	24.1	6.0	9.0	7.0	5.1	8.0	4.6	9.0	3.8	10.0	3.1	11.0	4.3
201	1262			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1263		13	1.0	0.	2.0	2.0	3.0	4.1	4.0	6.9	5.0	32.1	6.0	15.6	7.0	8.0	8.0	5.5	9.0	6.0	10.0	14.5
201	1263			11.0	1.3	12.0	4.0	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1264		12	1.0	0.	2.0	14.0	3.0	22.0	4.0	28.0	5.0	19.6	6.0	4.4	7.0	2.8	8.0	2.4	9.0	2.0	10.0	1.5
201	1264			11.0	3.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1265		14	1.0	0.	2.0	2.0	3.0	7.0	4.0	16.0	5.0	38.1	6.0	10.8	7.0	5.0	8.0	4.2	9.0	4.5	10.0	4.0
201	1265			11.0	2.7	12.0	2.0	13.0	3.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1268		11	2.0	0.	3.0	8.0	4.0	31.0	5.0	37.2	6.0	7.7	7.0	3.7	8.0	3.7	9.0	2.9	10.0	2.2	11.0	3.6
201	1268			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1269		14	1.0	0.	2.0	1.3	3.0	6.5	4.0	19.2	5.0	34.1	6.0	9.1	7.0	6.1	8.0	5.6	9.0	4.9	10.0	4.6
201	1269			11.0	2.8	12.0	2.2	13.0	3.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1270	A	12	1.0	0.	2.0	8.5	3.0	13.0	4.0	48.5	5.0	19.4	6.0	2.9	7.0	1.6	8.0	1.8	9.0	1.0	10.0	0.1
201	1270	A		11.0	3.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1270	B	20	-1.0	0.	0.	0.2	1.0	0.6	2.0	1.5	3.0	2.7	4.0	2.0	5.0	8.0	6.0	9.7	7.0	10.6	8.0	11.8
201	1270	B		9.0	9.4	10.0	8.4	11.0	9.3	12.0	8.1	13.0	6.1	14.0	4.1	15.0	3.0	16.0	2.0	17.0	2.5	18.0	0.
200	1271		11	2.0	0.	3.0	6.5	4.0	39.5	5.0	36.0	6.0	4.8	7.0	1.9	8.0	2.4	9.0	2.6	10.0	1.5	11.0	4.8
201	1271			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1272		14	-1.0	0.	0.	1.0	1.0	1.0	2.0	3.0	3.0	13.0	4.0	45.0	5.0	18.2	6.0	3.7	7.0	2.9	8.0	3.1
201	1272			9.0	2.7	10.0	2.2	11.0	4.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1273		9	-1.0	0.	0.	4.0	1.0	8.0	2.0	15.0	3.0	31.0	4.0	27.0	5.0	12.0	6.0	3.0	7.0	0.	0.	0.
200	1275		12	-6.0	0.	-5.0	0.2	-4.0	0.9	-3.0	4.0	-2.0	18.2	-1.0	6.2	0.	5.6	1.0	34.6	2.0	24.6	3.0	4.2
201	1275			4.0	1.4	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1276		9	-1.0	0.	0.	2.0	1.0	13.0	2.0	48.0	3.0	30.0	4.0	6.0	5.0	2.2	6.0	1.8	7.0	0.	0.	0.
200	1277		7	1.0	0.	1.5	1.0	2.0	7.0	2.5	30.0	3.0	42.0	3.5	20.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1278		8	1.0	0.	1.5	4.0	2.0	34.0	2.5	12.0	3.0	32.0	3.5	12.0	4.0	6.0	4.5	0.	0.	0.	0.	0.
200	1279		10	-0.5	0.	0.	3.0	0.5	11.5	1.0	21.5	1.5	26.0	2.0	23.0	2.5	10.0	3.0	4.0	3.5	1.0	4.0	0.
200	1280		8	0.	0.	1.0	7.0	2.0	31.0	3.0	50.0	4.0	7.0	5.0	3.4	6.0	1.6	7.0	0.	0.	0.	0.	0.
200	1281	A	8	-1.0	0.	0.	2.0	1.0	10.0	2.0	54.0	3.0	26.0	4.0	2.0	5.0	6.0	6.0	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1281 B	9	-2.0	0.	-1.0	8.0	0.	10.0	1.0	32.0	2.0	32.0	3.0	13.0	4.0	2.5	5.0	2.5	6.0	0.	0.	0.
200	1282	8	-2.0	0.	-1.0	5.0	0.	20.0	1.0	22.0	2.0	40.0	3.0	10.0	4.0	3.0	5.0	0.	0.	0.	0.	0.
200	1283	9	-4.0	0.	-3.0	3.3	-2.0	9.6	-1.0	9.3	0.	3.3	1.0	14.7	2.0	45.8	3.0	13.9	4.0	0.	0.	0.
200	1284	9	-0.5	0.	0.	4.0	0.5	10.0	1.0	20.0	1.5	31.0	2.0	23.0	2.5	9.0	3.0	3.0	3.5	0.	0.	0.
200	1285	7	-1.0	0.	0.	6.0	1.0	11.0	2.0	50.0	3.0	28.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1286	9	0.	0.	0.5	1.4	1.0	6.6	1.5	29.0	2.0	30.0	2.5	19.0	3.0	10.0	3.5	4.0	4.0	0.	0.	0.
200	1287	9	0.5	0.	1.0	2.0	1.5	23.0	2.0	42.0	2.5	20.0	3.0	9.0	3.5	2.9	4.0	1.1	4.5	0.	0.	0.
200	1288 A	10	0.5	0.	1.0	2.0	1.5	8.0	2.0	25.0	2.5	21.0	3.0	26.0	3.5	12.0	4.0	4.0	4.5	2.0	5.0	0.
200	1289	7	1.5	0.	2.0	6.0	2.5	23.0	3.0	30.0	3.5	37.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1290	7	-1.0	0.	0.	2.0	1.0	20.0	2.0	60.0	3.0	16.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1291	9	-0.5	0.	0.	2.0	0.5	6.0	1.0	20.0	1.5	42.0	2.0	20.0	2.5	6.0	3.0	4.0	3.5	0.	0.	0.
200	1292	10	-1.0	0.	-0.5	3.0	0.	3.0	0.5	7.0	1.0	29.0	1.5	25.0	2.0	23.0	2.5	8.0	3.0	2.0	3.5	0.
200	1293	10	-4.0	0.	-3.0	0.6	-2.0	7.7	-1.0	10.5	0.	4.1	1.0	20.7	2.0	37.2	3.0	19.0	4.0	1.7	5.0	0.
200	1294	7	-1.0	0.	0.	8.0	1.0	9.0	2.0	33.0	3.0	42.0	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1295	8	0.	0.	0.5	2.0	1.0	28.0	1.5	32.0	2.0	28.0	2.5	8.0	3.0	2.0	3.5	0.	0.	0.	0.	0.
200	1296	7	0.	0.	1.0	1.0	2.0	59.0	3.0	32.0	4.0	5.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1297	6	-1.0	0.	0.	7.0	1.0	57.0	2.0	28.0	3.0	7.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1298	10	-1.0	0.	-0.5	3.6	0.	6.6	0.5	12.2	1.0	16.3	1.5	25.5	2.0	21.4	2.5	12.2	3.0	2.0	3.5	0.
200	1299	7	-1.0	0.	0.	4.0	1.0	26.0	2.0	28.0	3.0	29.0	4.0	13.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1300	12	-7.0	0.	-6.0	2.5	-5.0	27.1	-4.0	9.1	-3.0	4.1	-2.0	1.8	-1.0	0.8	0.	3.3	1.0	25.6	2.0	21.8
201	1300		3.0	3.8	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1301	7	-1.0	0.	0.	2.0	1.0	8.0	2.0	43.0	3.0	38.0	4.0	9.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1302	11	-5.0	0.	-4.0	5.5	-3.0	18.1	-2.0	6.8	-1.0	5.6	0.	2.6	1.0	4.5	2.0	30.1	3.0	25.0	4.0	2.6
201	1302		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1303	9	-0.5	0.	0.	4.0	0.5	11.0	1.0	22.0	1.5	28.0	2.0	24.0	2.5	8.0	3.0	2.0	3.5	0.	0.	0.
200	1304	11	-6.0	0.	-5.0	1.8	-4.0	5.7	-3.0	14.5	-2.0	13.4	-1.0	8.6	0.	2.1	1.0	29.2	2.0	21.7	3.0	3.0
201	1304		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1305	17	-1.0	0.	0.	1.0	1.0	14.0	2.0	33.0	3.0	28.0	4.0	10.0	5.0	1.7	6.0	1.9	7.0	1.4	8.0	1.1
201	1305		9.0	1.0	10.0	1.1	11.0	1.0	12.0	0.8	13.0	0.7	14.0	3.5	15.0	0.	0.	0.	0.	0.	0.	0.
200	1306	9	-0.5	0.	0.	2.0	0.5	8.5	1.0	19.5	1.5	28.0	2.0	27.0	2.5	12.0	3.0	3.0	3.5	0.	0.	0.
200	1307	10	-0.5	0.	0.	1.7	0.5	8.3	1.0	24.0	1.5	30.0	2.0	22.0	2.5	10.0	3.0	2.0	3.5	2.0	4.0	0.
200	1308	10	0.	0.	0.5	0.9	1.0	4.1	1.5	12.0	2.0	29.0	2.5	27.0	3.0	17.0	3.5	7.0	4.0	3.0	4.5	0.
200	1309	10	-1.0	0.	0.	7.1	1.0	10.3	2.0	29.0	3.0	38.1	4.0	8.2	5.0	3.1	6.0	2.1	7.0	2.1	8.0	0.
200	1310	8	0.	0.	0.5	5.0	1.0	18.0	1.5	33.0	2.0	30.0	2.5	11.0	3.0	3.0	3.5	0.	0.	0.	0.	0.
200	1311	10	-1.0	0.	-0.5	3.3	0.	8.7	0.5	18.0	1.0	26.0	1.5	20.0	2.0	16.0	2.5	6.0	3.0	2.0	3.5	0.
200	1312 A	13	-7.0	0.	-6.0	7.4	-5.0	13.7	-4.0	13.2	-3.0	29.0	-2.0	11.3	-1.0	13.5	0.	5.8	1.0	3.7	2.0	1.7
201	1312 A		3.0	0.6	4.0	0.2	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1312 B	20	-1.0	0.	0.	5.0	1.0	25.0	2.0	26.0	3.0	9.0	4.0	1.0	5.0	3.5	6.0	4.1	7.0	3.9	8.0	3.5
201	1312 B		9.0	2.9	10.0	2.9	11.0	2.2	12.0	2.0	13.0	2.0	14.0	1.4	15.0	1.2	16.0	1.1	17.0	3.3	18.0	0.
200	1313	9	-4.0	0.	-3.0	2.0	-2.0	3.2	-1.0	2.0	0.	2.8	1.0	46.4	2.0	35.2	3.0	8.4	4.0	0.	0.	0.
200	1314	9	-4.0	0.	-3.0	0.8	-2.0	5.8	-1.0	24.2	0.	14.3	1.0	25.4	2.0	26.2	3.0	4.0	4.0	0.	0.	0.
200	1315	7	0.	0.	1.0	4.0	2.0	34.0	3.0	40.0	4.0	18.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1316	8	1.0	0.	1.5	1.8	2.0	10.2	2.5	28.0	3.0	36.0	3.5	20.0	4.0	4.0	4.5	0.	0.	0.	0.	0.
200	1317	9	0.	0.	0.5	4.5	1.0	17.5	1.5	20.0	2.0	34.0	2.5	18.0	3.0	5.2	3.5	0.8	4.0	0.	0.	0.
200	1318	6	-1.0	0.	0.	8.9	1.0	42.3	2.0	40.0	3.0	8.9	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1319	8	1.0	0.	1.5	2.7	2.0	17.3	2.5	25.0	3.0	39.0	3.5	12.0	4.0	4.0	4.5	0.	0.	0.	0.	0.
200	1320	8	0.5	0.	1.0	3.0	1.5	27.0	2.0	36.0	2.5	25.0	3.0	8.2	3.5	0.8	4.0	0.	0.	0.	0.	0.
200	1321	6	1.0	0.	1.5	4.0	2.0	42.0	2.5	39.0	3.0	12.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1322	9	0.	0.	0.5	5.0	1.0	6.0	1.5	10.0	2.0	19.0	2.5	22.0	3.0	30.0	3.5	7.0	4.0	0.	0.	0.
200	1323	13	0.	0.	1.0	3.0	2.0	22.0	3.0	26.0	4.0	17.0	5.0	8.2	6.0	5.3	7.0	4.0	8.0	3.9	9.0	3.8
201	1323		10.0	2.4	11.0	4.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1324 A	13	0.	0.	1.0	2.0	2.0	27.0	3.0	31.0	4.0	14.0	5.0	6.5	6.0	4.0	7.0	3.0	8.0	3.0	9.0	2.9
201	1324 A		10.0	2.1	11.0	4.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1325	12	1.0	0.	2.0	5.0	3.0	33.0	4.0	38.5	5.0	10.0	6.0	2.5	7.0	1.5	8.0	2.5	9.0	1.5	10.0	1.6
201	1325		11.0	3.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1326	12	2.0	0.	3.0	5.5	4.0	31.0	5.0	29.3	6.0	7.8	7.0	6.1	8.0	5.7	9.0	4.3	10.0	4.4	11.0	2.6
201	1326		12.0	3.3	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1327	13	3.0	0.	4.0	0.6	5.0	7.7	6.0	25.5	7.0	25.8	8.0	15.9	9.0	10.5	10.0	5.0	11.0	4.2	12.0	2.4
201	1327		13.0	1.4	14.0	1.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1328	13	3.0	0.	4.0	0.6	5.0	8.2	6.0	17.6	7.0	16.9	8.0	14.0	9.0	13.1	10.0	9.7	11.0	6.9	12.0	6.8
201	1328		13.0	3.2	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1329 A	18	0.	0.	1.0	0.3	2.0	1.6	3.0	5.5	4.0	6.6	5.0	11.4	6.0	9.9	7.0	10.6	8.0	10.3	9.0	11.0
201	1329 A		10.0	9.7	11.0	7.9	12.0	5.9	13.0	3.9	14.0	2.5	15.0	1.4	16.0	1.5	17.0	0.	0.	0.	0.	0.
200	1329 B	18	0.	0.	1.0	1.0	2.0	4.0	3.0	4.5	4.0	1.2	5.0	6.6	6.0	11.4	7.0	12.4	8.0	11.0	9.0	12.4
201	1329 B		10.0	11.0	11.0	8.5	12.0	6.5	13.0	4.5	14.0	2.4	15.0	1.2	16.0	1.4	17.0	0.	0.	0.	0.	0.
200	1330	14	3.0	0.	4.0	1.5	5.0	9.5	6.0	16.7	7.0	15.2	8.0	14.3	9.0	14.0	10.0	7.7	11.0	7.6	12.0	6.3
201	1330		13.0	3.5	14.0	1.9	15.0	1.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1332	14	2.0	0.	3.0	4.0	4.0	5.2	5.0	15.9	6.0	11.5	7.0	13.6	8.0	10.7	9.0	14.8	10.0	11.3	11.0	6.5
201	1332		12.0	3.6	13.0	1.7	14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1333	13	2.0	0.	3.0	0.1	4.0	4.9	5.0	10.3	6.0	13.8	7.0	13.1	8.0	15.5	9.0	15.2	10.0	10.2	11.0	8.4
201	1333		12.0	4.5	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1334	13	3.0	0.	4.0	5.0	5.0	19.2	6.0	19.0	7.0	14.2	8.0	11.0	9.0	10.6	10.0	9.0	11.0	5.7	12.0	3.5
201	1334		13.0	1.6	14.0	1.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1335	13	0.	0.	1.0	1.0	2.0	3.5	3.0	15.5	4.0	40.3	5.0	16.4	6.0	5.1	7.0	3.8	8.0	3.4	9.0	4.1
201	1335		10.0	3.2	11.0	3.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1336	6	0.	0.	1.0	10.0	2.0	75.0	3.0	13.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1337	10	-1.0	0.	-0.5	1.3	0.	2.8	0.5	6.1	1.0	13.3	1.5	31.6	2.0	32.7	2.5	9.2	3.0	3.1	3.5	0.
200	1338	8	-1.0	0.	-0.5	4.0	0.	16.0	0.5	33.0	1.0	33.0	1.5	12.0	2.0	2.0	2.5	0.	0.	0.	0.	0.
200	1339	7	1.0	0.	1.5	2.0	2.0	35.0	2.5	35.0	3.0	24.0	3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1340	9	-0.5	0.	0.	3.0	0.5	10.0	1.0	22.0	1.5	20.0	2.0	27.0	2.5	12.0	3.0	6.0	3.5	0.	0.	0.
200	1341	9	0.	0.	0.5	2.0	1.0	10.0	1.5	22.0	2.0	28.0	2.5	25.0	3.0	10.0	3.5	3.0	4.0	0.	0.	0.
200	1342	11	-1.0	0.	-0.5	3.0	0.	4.0	0.5	19.0	1.0	22.0	1.5	26.0	2.0	17.0	2.5	6.0	3.0	2.0	3.5	1.0
201	1342		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1343	7	1.0	0.	1.5	8.0	2.0	46.0	2.5	33.0	3.0	11.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1344	9	-0.5	0.	0.	3.0	0.5	7.0	1.0	16.0	1.5	28.0	2.0	28.0	2.5	14.0	3.0	4.0	3.5	0.	0.	0.
200	1345	9	0.	0.	0.5	2.5	1.0	11.5	1.5	20.0	2.0	28.0	2.5	23.0	3.0	11.0	3.5	4.0	4.0	0.	0.	0.
200	1346	6	1.0	0.	2.0	1.0	3.0	24.0	4.0	70.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1347	9	-5.0	0.	-4.0	1.6	-3.0	10.7	-2.0	17.9	-1.0	20.5	0.	33.3	1.0	12.4	2.0	3.5	3.0	0.	0.	0.
200	1348	7	1.5	0.	2.0	9.0	2.5	26.0	3.0	43.0	3.5	19.0	4.0	3.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1349	10	-4.0	0.	-3.0	0.4	-2.0	2.0	-1.0	8.1	0.	7.4	1.0	26.9	2.0	41.2	3.0	13.0	4.0	0.9	5.0	0.

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1350		7	1.5	0.	2.0	2.1	2.5	27.9	3.0	48.0	3.5	21.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1351		8	1.0	0.	1.5	4.5	2.0	16.5	2.5	32.0	3.0	35.0	3.5	9.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1352		9	-0.5	0.	0.	2.0	0.5	7.0	1.0	16.0	1.5	29.0	2.0	29.0	2.5	13.0	3.0	4.0	3.5	0.	0.	0.
200	1353		7	0.5	0.	1.0	4.0	1.5	26.0	2.0	40.0	2.5	26.0	3.0	4.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	1354		8	0.5	0.	1.0	7.0	1.5	38.0	2.0	27.0	2.5	21.0	3.0	6.0	3.5	1.0	4.0	0.	0.	0.	0.	0.
200	1355	A	8	-1.0	0.	0.	1.0	1.0	4.0	2.0	41.5	3.0	41.0	4.0	7.0	5.0	5.5	6.0	0.	0.	0.	0.	0.
200	1356		8	0.	0.	0.5	1.0	1.0	7.0	1.5	33.0	2.0	35.0	2.5	18.0	3.0	6.0	3.5	0.	0.	0.	0.	0.
200	1357		11	2.0	0.	3.0	5.0	4.0	33.5	5.0	27.4	6.0	9.0	7.0	5.6	8.0	5.0	9.0	5.7	10.0	4.3	11.0	4.7
201	1357			12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1358		13	0.	1.0	1.0	1.0	2.0	11.0	3.0	24.0	4.0	36.0	5.0	13.4	6.0	2.7	7.0	2.4	8.0	2.4	9.0	2.2
201	1358			10.0	1.8	11.0	3.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1359		6	0.	0.	1.0	1.0	2.0	19.0	3.0	75.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1360	A	14	-1.0	0.	0.	0.5	1.0	2.5	2.0	37.0	3.0	32.0	4.0	14.5	5.0	6.9	6.0	1.7	7.0	1.2	8.0	1.1
201	1360	A		9.0	1.1	10.0	0.8	11.0	0.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1361		10	-0.5	0.	0.	1.0	0.5	1.0	1.0	11.0	1.5	27.0	2.0	36.0	2.5	19.0	3.0	4.0	3.5	1.0	4.0	0.
200	1362		7	1.0	0.	1.5	3.0	2.0	15.0	2.5	39.0	3.0	34.0	3.5	9.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1363		9	0.	0.	0.5	3.5	1.0	13.5	1.5	23.0	2.0	32.0	2.5	20.0	3.0	7.0	3.5	1.0	4.0	0.	0.	0.
200	1364		7	0.5	0.	1.0	8.0	1.5	34.0	2.0	38.0	2.5	16.0	3.0	4.0	3.5	0.	0.	0.	0.	0.	0.	0.
200	1365		9	-0.5	0.	0.	1.0	0.5	2.0	1.0	16.0	1.5	32.0	2.0	29.0	2.5	17.0	3.0	3.0	3.5	0.	0.	0.
200	1366		11	-1.0	0.	-0.5	2.0	0.	2.0	0.5	6.0	1.0	24.0	1.5	32.0	2.0	24.0	2.5	7.0	3.0	2.0	3.5	1.0
201	1366			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1367		11	1.0	0.	2.0	20.0	3.0	23.0	4.0	36.0	5.0	11.8	6.0	3.2	7.0	2.1	8.0	1.6	9.0	1.9	10.0	0.4
201	1367			11.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1368	A	16	2.0	0.	3.0	0.8	4.0	4.5	5.0	11.7	6.0	9.9	7.0	10.6	8.0	10.5	9.0	9.7	10.0	9.6	11.0	8.7
201	1368	A		12.0	7.4	13.0	5.6	14.0	4.3	15.0	2.5	16.0	4.2	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1368	B	14	3.0	0.	4.0	2.0	5.0	1.6	6.0	3.0	7.0	7.7	8.0	10.8	9.0	12.2	10.0	13.7	11.0	15.5	12.0	13.5
201	1368	B		13.0	9.0	14.0	6.1	15.0	4.9	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1369	A	11	-2.0	0.	-1.0	8.0	0.	5.0	1.0	32.0	2.0	36.0	3.0	15.0	4.0	1.0	5.0	1.7	6.0	1.1	7.0	0.2
201	1369	A		8.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1371		10	1.0	0.	2.0	1.0	3.0	54.0	4.0	39.0	5.0	3.0	6.0	1.1	7.0	0.6	8.0	0.4	9.0	0.7	10.0	0.
200	1372		9	-2.0	0.	-1.0	1.0	0.	2.0	1.0	11.0	2.0	48.0	3.0	26.5	4.0	7.5	5.0	4.0	6.0	0.	0.	0.
200	1373		11	-1.0	0.	-0.5	1.0	0.	1.0	0.5	24.0	1.0	24.0	1.5	20.0	2.0	14.0	2.5	11.0	3.0	2.0	3.5	1.0
201	1373			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1374		6	0.	0.	1.0	2.0	2.0	67.0	3.0	30.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1375		7	-1.0	0.	0.	1.0	1.0	53.0	2.0	35.0	3.0	9.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1376		7	1.0	0.	1.5	21.0	2.0	27.0	2.5	36.0	3.0	14.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1377		9	-1.0	0.	-0.5	4.2	0.	5.3	0.5	20.0	1.0	26.4	1.5	19.1	2.0	17.0	2.5	8.4	3.0	0.	0.	0.
200	1378		10	-5.0	0.	-4.0	1.0	-3.0	4.3	-2.0	7.4	-1.0	7.3	0.	1.6	1.0	26.4	2.0	44.8	3.0	7.2	4.0	0.
200	1379		10	-0.5	0.	0.	0.8	0.5	4.2	1.0	10.0	1.5	21.0	2.0	37.0	2.5	19.0	3.0	5.0	3.5	3.0	4.0	0.
200	1380		10	-5.0	0.	-4.0	7.8	-3.0	9.5	-2.0	9.0	-1.0	5.1	0.	15.2	1.0	37.8	2.0	12.7	3.0	3.4	4.0	0.
200	1381		10	-0.5	0.	0.	1.1	0.5	3.9	1.0	10.0	1.5	23.0	2.0	30.0	2.5	16.0	3.0	13.0	3.5	3.0	4.0	0.
200	1382	A	11	-1.0	0.	-0.5	1.0	0.	2.0	0.5	35.0	1.0	13.0	1.5	19.0	2.0	15.0	2.5	9.0	3.0	4.0	3.5	2.0
201	1382	A		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1382	B	20	-2.0	0.	-1.0	1.0	0.	5.0	1.0	38.0	2.0	15.5	3.0	5.5	4.0	1.0	5.0	1.9	6.0	3.1	7.0	4.7
201	1382	B		8.0	4.1	9.0	4.7	10.0	3.2	11.0	2.5	12.0	2.2	13.0	1.8	14.0	1.4	15.0	1.1	16.0	3.3	17.0	0.
200	1383		13	2.0	0.	3.0	8.0	4.0	58.0	5.0	10.7	6.0	1.2	7.0	3.2	8.0	4.0	9.0	3.7	10.0	2.6	11.0	2.2
201	1383			12.0	1.8	13.0	4.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1384		8	2.0	0.	2.5	16.0	3.0	22.0	3.5	52.0	4.0	7.0	4.5	1.8	5.0	1.2	5.5	0.	0.	0.	0.	0.
200	1385		10	1.0	0.	1.5	6.0	2.0	12.0	2.5	8.0	3.0	26.0	3.5	40.0	4.0	3.0	4.5	2.8	5.0	2.2	5.5	0.
200	1386		10	1.0	0.	1.5	9.0	2.0	31.0	2.5	20.0	3.0	20.0	3.5	13.0	4.0	3.0	4.5	2.2	5.0	1.8	5.5	0.
200	1387		9	0.5	0.	1.0	1.4	1.5	7.2	2.0	26.4	2.5	30.0	3.0	26.0	3.5	8.0	4.0	1.0	4.5	0.	0.	0.
200	1388		11	-1.0	0.	-0.5	1.0	0.	4.0	0.5	10.0	1.0	15.0	1.5	28.0	2.0	22.0	2.5	11.0	3.0	7.0	3.5	2.0
201	1388			4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1389		9	0.5	0.	1.0	2.5	1.5	9.5	2.0	23.0	2.5	30.0	3.0	21.0	3.5	12.0	4.0	2.0	4.5	0.	0.	0.
200	1390		8	1.0	0.	1.5	1.4	2.0	11.6	2.5	25.0	3.0	37.0	3.5	22.0	4.0	3.0	4.5	0.	0.	0.	0.	0.
200	1391		10	-5.0	0.	-4.0	0.1	-3.0	1.0	-2.0	2.5	-1.0	6.4	0.	7.5	1.0	35.6	2.0	37.5	3.0	8.6	4.0	0.
200	1392		10	-0.5	0.	0.	1.4	0.5	3.6	1.0	15.0	1.5	26.0	2.0	29.0	2.5	15.0	3.0	7.0	3.5	3.0	4.0	0.
200	1393		7	1.5	0.	2.0	10.0	2.5	26.0	3.0	42.0	3.5	17.0	4.0	5.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1394		12	-6.0	0.	-5.0	0.7	-4.0	5.7	-3.0	16.5	-2.0	15.0	-1.0	7.5	0.	1.1	1.0	13.1	2.0	28.9	3.0	10.9
201	1394			4.0	0.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1395		10	-1.0	0.	-0.5	2.8	0.	7.2	0.5	13.0	1.0	18.0	1.5	23.0	2.0	19.0	2.5	8.0	3.0	6.0	3.5	0.
200	1396		8	1.0	0.	1.5	2.5	2.0	12.5	2.5	34.0	3.0	31.0	3.5	16.0	4.0	4.0	4.5	0.	0.	0.	0.	0.
200	1397		9	0.5	0.	1.0	6.0	1.5	28.0	2.0	32.0	2.5	21.0	3.0	8.0	3.5	2.7	4.0	2.3	4.5	0.	0.	0.
200	1398		9	0.	0.	0.5	2.8	1.0	7.2	1.5	30.0	2.0	30.0	2.5	17.0	3.0	10.0	3.5	3.0	4.0	0.	0.	0.
200	1399		7	-1.0	0.	0.	3.0	1.0	29.0	2.0	32.0	3.0	35.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1400		9	-1.0	0.	0.	4.1	1.0	19.6	2.0	24.7	3.0	31.0	4.0	12.4	5.0	6.2	6.0	2.1	7.0	0.	0.	0.
200	1407		12	-6.0	0.	-5.0	6.2	-4.0	0.7	-3.0	0.6	-2.0	2.7	-1.0	5.5	0.	11.8	1.0	27.8	2.0	24.4	3.0	18.5
201	1407			4.0	1.7	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1408		11	-0.5	0.	0.	1.0	0.5	3.0	1.0	24.0	1.5	18.0	2.0	25.0	2.5	16.0	3.0	9.0	3.5	2.0	4.0	2.0
201	1408			4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1409		7	2.0	0.	2.5	5.0	3.0	18.0	3.5	36.0	4.0	26.0	4.5	15.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1410		7	-1.0	0.	0.	4.0	1.0	20.0	2.0	38.0	3.0	35.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1411		9	-1.0	0.	-0.5	1.0	0.	1.0	0.5	36.0	1.0	34.0	1.5	21.0	2.0	5.0	2.5	2.0	3.0	0.	0.	0.
200	1412		10	-5.0	0.	-4.0	24.9	-3.0	25.6	-2.0	6.2	-1.0	2.5	0.	1.6	1.0	26.9	2.0	10.2	3.0	2.0	4.0	0.
200	1415		7	0.	0.	1.0	3.0	2.0	49.0	3.0	34.0	4.0	12.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1416		8	1.5	0.	2.0	5.0	2.5	38.0	3.0	48.0	3.5	7.5	4.0	0.5	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1417		8	-2.0	0.	-1.0	2.0	0.	22.0	1.0	40.0	2.0	29.0	3.0	6.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1418		8	1.5	0.	2.0	3.0	2.5	41.0	3.0	42.0	3.5	11.0	4.0	1.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1419		8	1.5	0.	2.0	5.0	2.5	17.0	3.0	45.0	3.5	30.0	4.0	1.5	4.5	1.5	5.0	0.	0.	0.	0.	0.
200	1420		7	0.	0.	1.0	2.0	2.0	17.0	3.0	53.0	4.0	26.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1421		6	-1.0	0.	0.	1.5	1.0	21.5	2.0	64.0	3.0	13.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1422		7	-1.0	0.	0.	2.0	1.0	38.5	2.0	47.0	3.0	11.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1423		7	0.	0.	1.0	1.0	2.0	32.0	3.0	47.0	4.0	19.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1424		7	2.0	0.	2.5	14.0	3.0	35.0	3.5	45.0	4.0	4.0	4.5	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1425		6	-1.0	0.	0.	2.5	1.0	34.0	2.0	50.5	3.0	13.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1426		8	0.5	0.	1.0	1.0	1.5	29.0	2.0	37.5	2.5	24.5	3.0	7.0	3.5	1.0	4.0	0.	0.	0.	0.	0.
200	1427		9	-0.5	0.	0.	0.5	0.5	3.5	1.0	16.0	1.5	32.0	2.0	32.0	2.5	12.0	3.0	4.0	3.5	0.	0.	0.
200	1428	A	9	0.	0.	0.5	0.5	1.0	11.5	1.5	35.0	2.0	31.0	2.5	16.0	3.0	5.0	3.5	1.0	4.0	0.	0.	0.
200	1429		7	1.5	0.	2.0	26.0	2.5	33.0	3.0	32.0	3.5	7.0	4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1430		7	0.	0.	1.0	1.0	2.0	21.0	3.0	64.0	4.0	13.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1431	8	1.5	0.	2.0	13.0	2.5	29.0	3.0	32.0	3.5	22.0	4.0	2.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1432	6	1.0	0.	2.0	2.0	3.0	54.0	4.0	43.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1433	7	0.	0.	1.0	1.0	2.0	1.0	3.0	46.0	4.0	49.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1434	7	2.0	0.	2.5	1.0	3.0	25.0	3.5	60.0	4.0	12.0	4.5	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1435	8	0.5	0.	1.0	18.0	1.5	30.0	2.0	27.0	2.5	18.0	3.0	6.0	3.5	1.0	4.0	0.	0.	0.	0.	0.
200	1436	8	1.0	0.	1.5	0.5	2.0	16.5	2.5	32.0	3.0	39.0	3.5	10.5	4.0	1.5	4.5	0.	0.	0.	0.	0.
200	1437	8	-2.0	0.	-1.0	1.0	0.	0.5	1.0	39.5	2.0	44.0	3.0	10.0	4.0	5.0	5.0	0.	0.	0.	0.	0.
200	1438	8	1.5	0.	2.0	7.0	2.5	22.0	3.0	46.0	3.5	22.0	4.0	2.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1439	7	0.	0.	1.0	3.0	2.0	59.0	3.0	32.5	4.0	4.5	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1440	8	-1.0	0.	0.	0.5	1.0	3.0	2.0	45.5	3.0	46.0	4.0	3.5	5.0	1.5	6.0	0.	0.	0.	0.	0.
200	1441 A	7	0.	0.	1.0	0.5	2.0	26.5	3.0	65.0	4.0	6.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1442	8	1.0	0.	1.5	1.0	2.0	26.5	2.5	29.5	3.0	32.0	3.5	9.0	4.0	2.0	4.5	0.	0.	0.	0.	0.
200	1443 A	7	0.	0.	1.0	1.0	2.0	11.0	3.0	51.0	4.0	33.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1444	7	-1.0	0.	0.	4.0	1.0	36.0	2.0	40.5	3.0	18.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1445	8	-1.0	0.	0.	2.0	1.0	28.0	2.0	33.0	3.0	30.5	4.0	4.5	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1446	7	-1.0	0.	0.	0.	1.0	31.5	2.0	42.0	3.0	25.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1447	9	1.0	0.	1.5	2.0	2.0	31.0	2.5	28.0	3.0	29.0	3.5	6.5	4.0	1.5	4.5	2.0	5.0	0.	0.	0.
200	1448	6	0.	0.	1.0	1.5	2.0	27.5	3.0	61.5	4.0	10.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1449	7	0.	0.	1.0	0.5	2.0	33.5	3.0	59.0	4.0	5.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1450	10	0.	0.	0.5	1.0	1.0	1.0	1.5	6.0	2.0	27.0	2.5	30.0	3.0	28.0	3.5	6.0	4.0	1.0	4.5	0.
200	1451	8	-2.0	0.	-1.0	1.0	0.	2.0	1.0	28.0	2.0	42.0	3.0	26.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1452	9	0.	0.	0.5	2.0	1.0	23.0	1.5	19.0	2.0	26.0	2.5	20.0	3.0	8.0	3.5	2.0	4.0	0.	0.	0.
200	1453	7	1.0	0.	1.5	2.5	2.0	23.0	2.5	26.7	3.0	39.0	3.5	9.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1454	6	0.	0.	1.0	16.0	2.0	34.0	3.0	45.5	4.0	4.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1455	9	-1.5	0.	-1.0	0.5	-0.5	5.5	0.	42.0	0.5	34.0	1.0	13.0	1.5	4.0	2.0	1.0	2.5	0.	0.	0.
200	1456	7	-2.0	0.	-1.0	1.5	0.	26.5	1.0	37.0	2.0	23.0	3.0	12.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1457	7	-1.0	0.	0.	1.0	1.0	6.0	2.0	53.0	3.0	38.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1458	8	-2.0	0.	-1.0	1.5	0.	43.5	1.0	33.0	2.0	16.0	3.0	5.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1459	8	-1.0	0.	-0.5	2.0	0.	3.0	0.5	55.0	1.0	26.0	1.5	10.0	2.0	4.0	2.5	0.	0.	0.	0.	0.
200	1460	6	0.	0.	1.0	0.5	2.0	18.5	3.0	75.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1461	6	0.	0.	1.0	0.5	2.0	35.0	3.0	57.5	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1462	6	0.	0.	1.0	1.0	2.0	41.0	3.0	48.0	4.0	10.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1463	7	0.	0.	1.0	1.5	2.0	9.0	3.0	47.5	4.0	40.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1464	9	1.0	0.	1.5	1.0	2.0	5.0	2.5	19.0	3.0	33.0	3.5	34.0	4.0	6.0	4.5	2.0	5.0	0.	0.	0.
200	1465 A	7	-2.0	0.	-1.0	4.0	0.	40.0	1.0	38.0	2.0	13.0	3.0	5.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1466	7	-1.0	0.	0.	7.0	1.0	31.0	2.0	37.0	3.0	22.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1467	6	0.	0.	1.0	1.0	2.0	34.5	3.0	55.5	4.0	9.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1468	7	-1.0	0.	0.	1.0	1.0	22.0	2.0	44.0	3.0	11.1	4.0	22.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1469	6	-1.0	0.	0.	6.0	1.0	47.0	2.0	37.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1470	8	1.5	0.	2.0	18.0	2.5	31.0	3.0	39.0	3.5	10.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1471	7	-1.0	0.	0.	4.0	1.0	36.0	2.0	41.0	3.0	17.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1472	6	0.	0.	1.0	10.0	2.0	45.0	3.0	41.5	4.0	3.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1473	6	0.	0.	1.0	5.0	2.0	45.0	3.0	47.5	4.0	2.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1474	6	0.	0.	1.0	1.0	2.0	37.0	3.0	59.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1475	7	-1.0	0.	0.	4.0	1.0	36.0	2.0	38.0	3.0	20.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1476	7	-1.0	0.	0.	1.0	1.0	32.0	2.0	51.0	3.0	15.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1477	6	0.	0.	1.0	3.0	2.0	29.0	3.0	62.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1478	7	-1.0	0.	0.	3.0	1.0	35.0	2.0	37.0	3.0	24.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1479	7	-1.0	0.	0.	1.0	1.0	9.0	2.0	50.0	3.0	38.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1480	8	1.0	0.	1.5	1.0	2.0	27.0	2.5	27.0	3.0	36.0	3.5	8.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1481	10	-0.5	0.	0.	1.0	0.5	2.0	1.0	21.0	1.5	22.0	2.0	27.0	2.5	17.0	3.0	9.0	3.5	1.0	4.0	0.
200	1482	9	0.	0.	0.5	1.0	1.0	9.0	1.5	20.0	2.0	28.0	2.5	26.0	3.0	15.0	3.5	1.0	4.0	0.	0.	0.
200	1483	7	1.0	0.	1.5	4.0	2.0	22.0	2.5	28.0	3.0	36.0	3.5	10.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1484	9	0.	0.	0.5	2.0	1.0	8.0	1.5	15.0	2.0	29.0	2.5	28.0	3.0	16.0	3.5	2.0	4.0	0.	0.	0.
200	1485	6	0.	0.	1.0	2.0	2.0	51.0	3.0	45.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1486 A	8	-1.0	0.	0.	1.0	1.0	7.0	2.0	33.0	3.0	49.0	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1487	7	-1.0	0.	0.	2.0	1.0	22.0	2.0	49.0	3.0	26.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1488 A	7	0.	0.	1.0	1.0	2.0	9.0	3.0	75.0	4.0	13.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1489	7	-1.0	0.	0.	1.0	1.0	9.0	2.0	46.0	3.0	40.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1490	9	0.	0.	0.5	4.0	1.0	12.0	1.5	25.0	2.0	23.0	2.5	24.0	3.0	6.0	3.5	6.0	4.0	0.	0.	0.
200	1491	10	0.	0.	0.5	2.5	1.0	18.5	1.5	24.0	2.0	25.0	2.5	15.0	3.0	12.0	3.5	2.0	4.0	1.0	4.5	0.
200	1492	6	-1.0	0.	0.	5.0	1.0	47.0	2.0	38.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1493	7	-1.0	0.	0.	1.0	1.0	12.0	2.0	44.0	3.0	40.5	4.0	2.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1494	7	-1.0	0.	0.	4.5	1.0	26.5	2.0	44.0	3.0	21.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1495	7	-1.0	0.	0.	2.0	1.0	48.0	2.0	35.0	3.0	11.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1496	7	1.5	0.	2.0	1.0	2.5	22.0	3.0	38.0	3.5	38.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1497	6	0.	0.	1.0	5.0	2.0	53.0	3.0	39.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1498	8	1.0	0.	1.5	2.0	2.0	25.0	2.5	29.0	3.0	33.0	3.5	10.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1499	8	1.5	0.	2.0	1.0	2.5	17.0	3.0	31.0	3.5	48.0	4.0	2.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1500	7	-1.0	0.	0.	1.0	1.0	24.0	2.0	47.0	3.0	25.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1501	7	0.	0.	1.0	1.0	2.0	37.0	3.0	54.0	4.0	7.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1502	6	0.	0.	1.0	5.5	2.0	46.5	3.0	44.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1503 A	13	0.	0.	1.0	29.0	2.0	41.0	3.0	18.0	4.0	6.6	5.0	0.5	6.0	0.4	7.0	0.3	8.0	0.5	9.0	0.5
201	1503 A		10.0	1.0	11.0	2.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1504	6	0.	0.	1.0	1.0	2.0	38.0	3.0	58.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1505	7	-1.0	0.	0.	1.0	1.0	51.0	2.0	32.0	3.0	14.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1506	8	-1.0	0.	0.	5.0	1.0	48.0	2.0	29.0	3.0	16.0	4.0	1.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1507	6	0.	0.	1.0	7.0	2.0	39.5	3.0	40.5	4.0	13.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1508 A	7	0.	0.	1.0	0.5	2.0	25.0	3.0	58.5	4.0	14.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1509 A	7	0.	0.	1.0	0.5	2.0	2.5	3.0	53.0	4.0	41.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1510	7	-1.0	0.	0.	0.5	1.0	45.5	2.0	29.0	3.0	22.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1511	7	-1.0	0.	0.	3.0	1.0	36.0	2.0	36.5	3.0	22.5	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1512	7	-1.0	0.	0.	0.5	1.0	26.5	2.0	44.0	3.0	27.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1513	7	0.	0.	1.0	1.0	2.0	41.0	3.0	53.0	4.0	4.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1514 A	8	-1.0	0.	0.	3.0	1.0	4.5	2.0	21.5	3.0	35.0	4.0	35.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1515	23	0.	0.	1.0	0.5	2.0	1.5	3.0	10.0	4.0	39.0	5.0	14.2	6.0	2.3	7.0	3.1	8.0	3.0	9.0	2.9
201	1515		10.0	3.4	11.0	2.0	12.0	2.1	13.0	2.1	14.0	1.9	15.0	1.6	16.0	1.4	17.0	1.4	18.0	1.1	19.0	1.0
202	1515		20.0	0.9	21.0	4.6	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1516	23	0.	0.	1.0	0.5	2.0	2.5	3.0	30.0	4.0	20.0	5.0	8.4	6.0	3.1	7.0	3.0	8.0	3.5	9.0	3.5
201	1516		10.0	4.4	11.0	1.6	12.0	2.5	13.0	2.3	14.0	2.2	15.0	1.7	16.0	1.7	17.0	1.3	18.0	1.4	19.0	1.1

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
202	1516			20.0	0.8	21.0	4.5	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1517		9	1.0	0.	1.5	1.0	2.0	4.0	2.5	12.5	3.0	39.5	3.5	37.0	4.0	5.0	4.5	1.0	5.0	0.	0.	0.
200	1518		24	0.	0.	1.0	1.0	2.0	10.5	3.0	30.5	4.0	12.0	5.0	5.1	6.0	2.5	7.0	3.1	8.0	3.4	9.0	3.5
201	1518			10.0	4.5	11.0	1.4	12.0	3.0	13.0	2.0	14.0	2.5	15.0	2.0	16.0	1.9	17.0	1.7	18.0	1.4	19.0	1.2
202	1518			20.0	1.1	21.0	1.0	22.0	4.7	23.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1519		22	1.0	0.	2.0	1.0	3.0	41.0	4.0	36.0	5.0	5.1	6.0	1.0	7.0	1.3	8.0	1.0	9.0	1.0	10.0	1.7
201	1519			11.0	0.4	12.0	0.7	13.0	0.9	14.0	0.7	15.0	0.7	16.0	0.5	17.0	0.6	18.0	0.5	19.0	0.7	20.0	0.4
202	1519			21.0	4.8	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1520		21	1.0	0.	2.0	1.0	3.0	27.0	4.0	41.0	5.0	3.2	6.0	1.6	7.0	2.3	8.0	2.1	9.0	2.5	10.0	3.0
201	1520			11.0	1.8	12.0	1.5	13.0	1.8	14.0	1.2	15.0	1.3	16.0	1.1	17.0	1.1	18.0	0.9	19.0	0.8	20.0	4.8
202	1520			21.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1521		7	0.	0.	1.0	19.0	2.0	33.0	3.0	29.0	4.0	17.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1522		7	-1.0	0.	0.	1.0	1.0	29.0	2.0	45.0	3.0	24.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1523		7	0.	0.	1.0	7.5	2.0	25.0	3.0	25.5	4.0	38.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1524		6	0.	0.	1.0	28.0	2.0	47.5	3.0	21.5	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1525		6	-1.0	0.	0.	1.0	1.0	45.5	2.0	42.5	3.0	11.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1526		7	0.	0.	1.0	1.5	2.0	16.5	3.0	48.0	4.0	32.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1527		6	0.	0.	1.0	35.0	2.0	43.0	3.0	20.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1528		7	0.	0.	1.0	25.0	2.0	56.0	3.0	17.0	4.0	1.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1529		7	0.	0.	1.0	2.0	2.0	49.0	3.0	33.0	4.0	14.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1530		9	0.	0.	0.5	2.0	1.0	26.0	1.5	26.0	2.0	27.0	2.5	11.0	3.0	6.0	3.5	2.0	4.0	0.	0.	0.
200	1531		10	0.	0.	0.5	2.0	1.0	30.0	1.5	30.0	2.0	24.0	2.5	9.0	3.0	2.0	3.5	2.0	4.0	1.0	4.5	0.
200	1532		7	0.	0.	1.0	12.0	2.0	62.0	3.0	24.0	4.0	1.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1533		8	-1.0	0.	0.	2.5	1.0	38.0	2.0	33.5	3.0	13.0	4.0	8.0	5.0	4.0	6.0	0.	0.	0.	0.	0.
200	1534		8	-1.0	0.	0.	1.0	1.0	17.0	2.0	39.0	3.0	31.0	4.0	10.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1535		8	-1.0	0.	0.	1.0	1.0	44.0	2.0	38.0	3.0	13.0	4.0	3.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1536		9	1.0	0.	1.5	4.0	2.0	32.0	2.5	21.5	3.0	14.5	3.5	13.0	4.0	8.0	4.5	7.0	5.0	0.	0.	0.
200	1537	A	9	1.0	0.	1.5	1.0	2.0	29.0	2.5	32.0	3.0	17.0	3.5	14.0	4.0	4.0	4.5	3.0	5.0	0.	0.	0.
200	1538	A	10	-1.0	0.	-0.5	0.5	0.	5.5	0.5	50.0	1.0	32.0	1.5	9.0	2.0	1.0	2.5	1.0	3.0	1.0	3.5	0.
200	1539		9	-0.5	0.	0.	3.0	0.5	35.0	1.0	32.0	1.5	17.0	2.0	10.0	2.5	1.0	3.0	2.0	3.5	0.	0.	0.
200	1540		8	-1.0	0.	0.	1.0	1.0	36.0	2.0	44.0	3.0	14.5	4.0	3.0	5.0	1.5	6.0	0.	0.	0.	0.	0.
200	1541		14	-1.0	0.	0.	1.0	1.0	4.0	2.0	20.0	3.0	20.0	4.0	35.0	5.0	12.2	6.0	1.3	7.0	0.7	8.0	0.5
201	1541			9.0	0.6	10.0	0.3	11.0	4.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1542		16	0.	0.	1.0	9.0	2.0	16.0	3.0	9.0	4.0	26.0	5.0	26.4	6.0	2.9	7.0	1.3	8.0	1.1	9.0	1.0
201	1542			10.0	0.9	11.0	0.9	12.0	0.8	13.0	0.7	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1543		10	-0.5	0.	0.	1.0	0.5	19.0	1.0	27.0	1.5	16.0	2.0	19.0	2.5	12.0	3.0	3.0	3.5	3.0	4.0	0.
200	1544		8	-2.0	0.	-1.0	1.0	0.	3.0	1.0	56.0	2.0	31.0	3.0	8.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1545	A	7	-1.0	0.	0.	2.5	1.0	39.5	2.0	50.5	3.0	6.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1546		6	0.	0.	1.0	34.0	2.0	49.0	3.0	16.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1547		8	1.0	0.	1.5	2.0	2.0	20.0	2.5	38.0	3.0	32.0	3.5	6.0	4.0	2.0	4.5	0.	0.	0.	0.	0.
200	1548		7	-1.0	0.	0.	3.0	1.0	67.0	2.0	24.0	3.0	5.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1549		7	-1.0	0.	0.	1.0	1.0	54.0	2.0	36.0	3.0	8.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1550		8	-1.0	0.	0.	0.5	1.0	21.5	2.0	10.0	3.0	10.0	4.0	52.0	5.0	6.0	6.0	0.	0.	0.	0.	0.
200	1551		7	0.	0.	1.0	3.5	2.0	19.0	3.0	62.5	4.0	14.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1552		8	1.5	0.	2.0	2.0	2.5	12.0	3.0	28.0	3.5	52.0	4.0	4.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1553		6	0.	0.	1.0	5.0	2.0	22.0	3.0	48.0	4.0	25.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1554		8	-2.0	0.	-1.0	1.0	0.	9.0	1.0	45.0	2.0	30.0	3.0	11.0	4.0	4.0	5.0	0.	0.	0.	0.	0.
200	1555		8	-1.0	0.	0.	4.0	1.0	26.0	2.0	27.0	3.0	26.0	4.0	15.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1556		8	-1.0	0.	0.	5.0	1.0	29.0	2.0	17.0	3.0	27.0	4.0	18.0	5.0	4.0	6.0	0.	0.	0.	0.	0.
200	1557		8	-1.0	0.	0.	3.0	1.0	19.5	2.0	29.5	3.0	23.0	4.0	15.5	5.0	9.5	6.0	0.	0.	0.	0.	0.
200	1558		8	-1.0	0.	0.	4.0	1.0	28.0	2.0	25.0	3.0	23.0	4.0	13.0	5.0	7.0	6.0	0.	0.	0.	0.	0.
200	1559		7	-1.0	0.	0.	1.0	1.0	34.0	2.0	52.0	3.0	12.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1560		7	0.	0.	1.0	1.0	2.0	11.0	3.0	45.0	4.0	35.0	5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1561		16	2.0	0.	3.0	3.0	4.0	20.0	5.0	28.0	6.0	10.3	7.0	5.1	8.0	3.3	9.0	3.7	10.0	7.0	11.0	4.6
201	1561			12.0	3.5	13.0	2.8	14.0	2.2	15.0	1.7	16.0	4.8	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1562		16	0.	0.	1.0	1.0	2.0	1.0	3.0	18.0	4.0	29.0	5.0	15.4	6.0	7.2	7.0	3.7	8.0	2.4	9.0	6.3
201	1562			10.0	6.9	11.0	2.1	12.0	2.2	13.0	1.5	14.0	3.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1563		8	1.5	0.	2.0	22.0	2.5	31.0	3.0	32.0	3.5	11.0	4.0	3.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1564		8	-1.0	0.	0.	2.0	1.0	32.0	2.0	40.0	3.0	23.0	4.0	2.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1565		7	-1.0	0.	0.	5.0	1.0	34.0	2.0	41.0	3.0	18.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1566		14	-1.0	0.	0.	0.5	1.0	5.5	2.0	27.0	3.0	36.0	4.0	15.0	5.0	6.4	6.0	2.3	7.0	1.3	8.0	0.5
201	1566			9.0	0.7	10.0	1.0	11.0	3.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1567		17	0.	0.	1.0	1.5	2.0	1.5	3.0	5.0	4.0	9.5	5.0	31.7	6.0	14.7	7.0	5.4	8.0	5.4	9.0	5.4
201	1567			10.0	6.5	11.0	3.2	12.0	2.7	13.0	2.4	14.0	1.6	15.0	3.5	16.0	0.	0.	0.	0.	0.	0.	0.
200	1568		17	-1.0	0.	0.	1.0	1.0	4.0	2.0	6.5	3.0	10.5	4.0	20.0	5.0	25.1	6.0	8.8	7.0	3.2	8.0	1.9
201	1568			9.0	2.3	10.0	9.0	11.0	0.3	12.0	2.1	13.0	1.5	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.
200	1569		19	-1.0	0.	0.	7.0	1.0	16.0	2.0	8.0	3.0	6.0	4.0	17.0	5.0	20.1	6.0	6.8	7.0	3.0	8.0	1.8
201	1569			9.0	0.4	10.0	2.8	11.0	1.4	12.0	1.7	13.0	1.2	14.0	1.2	15.0	1.0	16.0	4.6	17.0	0.	0.	0.
200	1570		16	-1.0	0.	0.	2.0	1.0	7.0	2.0	11.0	3.0	19.0	4.0	21.0	5.0	15.0	6.0	5.6	7.0	2.7	8.0	1.5
201	1570			9.0	1.3	10.0	7.8	11.0	0.3	12.0	1.6	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1571		19	-2.0	0.	-1.0	2.0	0.	2.0	1.0	15.0	2.0	13.0	3.0	14.0	4.0	17.0	5.0	13.3	6.0	5.3	7.0	2.5
201	1571			8.0	1.5	9.0	1.3	10.0	3.2	11.0	1.3	12.0	1.4	13.0	1.2	14.0	1.0	15.0	5.0	16.0	0.	0.	0.
200	1572		21	-2.0	0.	-1.0	1.0	0.	4.0	1.0	17.0	2.0	19.0	3.0	13.0	4.0	11.0	5.0	8.5	6.0	5.3	7.0	2.9
201	1572			8.0	1.7	9.0	1.5	10.0	2.2	11.0	2.1	12.0	1.8	13.0	1.2	14.0	1.3	15.0	1.1	16.0	0.9	17.0	4.5
202	1572			18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1573		17	-1.0	0.	0.	1.0	1.0	6.0	2.0	14.0	3.0	31.0	4.0	23.0	5.0	6.9	6.0	3.8	7.0	2.0	8.0	1.3
201	1573			9.0	1.1	10.0	1.9	11.0	1.0	12.0	1.1	13.0	1.0	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.
200	1574		18	-1.0	0.	0.	1.0	1.0	8.0	2.0	12.0	3.0	21.0	4.0	19.0	5.0	19.8	6.0	4.1	7.0	2.3	8.0	1.3
201	1574			9.0	1.2	10.0	2.2	11.0	0.8	12.0	1.1	13.0	1.0	14.0	0.8	15.0	4.4	16.0	0.	0.	0.	0.	0.
200	1575		17	-1.0	0.	0.	1.0	1.0	3.0	2.0	20.0	3.0	38.0	4.0	12.5	5.0	6.2	6.0	4.2	7.0	2.6	8.0	1.2
201	1575			9.0	1.3	10.0	2.2	11.0	0.8	12.0	1.2	13.0	0.9	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.
200	1576		21	-2.0	0.	-1.0	0.5	0.	0.5	1.0	3.0	2.0	21.0	3.0	20.0	4.0	14.0	5.0	13.0	6.0	5.6	7.0	3.2
201	1576			8.0	2.0	9.0	1.4	10.0	2.9	11.0	1.8	12.0	1.3	13.0	1.6	14.0	1.2	15.0	1.1	16.0	1.0	17.0	4.9
202	1576			18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1580	A	19	1.0	0.	2.0	2.0	3.0	15.0	4.0	19.0	5.0	19.7	6.0	9.4	7.0	5.1	8.0	2.9	9.0	2.9	10.0	5.1
201	1580	A		11.0	2.5	12.0	2.6	13.0	2.3	14.0	2.2	15.0	1.8	16.0	1.5	17.0	1.3	18.0	4.7	19.0	0.	0.	0.
200	1581		8	1.0	0.	1.5	1.5	2.0	23.5	2.5	38.5	3.0	28.5	3.5	6.0	4.0	2.0	4.5	0.	0.	0.	0.	0.
200	1583	A	8	-1.0	0.	0.	1.0	1.0	6.5	2.0	49.5	3.0	38.0	4.0	3.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1584		7	0.	0.	1.0	3.0	2.0	37.0	3.0	55.0	4.0	3.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1585		7	-1.0	0.	0.	1.0	1.0	14.0	2.0	59.0	3.0	24.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1586	A	18	1.0	0.	2.0	1.0	3.0	7.0	4.0	13.5	5.0	23.0	6.0	9.6	7.0	7.1	8.0	3.9	9.0	3.8	10.0	10.5
201	1586	A		11.0	1.9	12.0	3.9	13.0	3.3	14.0	2.8	15.0	2.0	16.0	2.0	17.0	4.7	18.0	0.	0.	0.	0.	0.
200	1587		7	-1.0	0.	0.	2.0	1.0	26.0	2.0	42.0	3.0	26.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1588		7	-1.0	0.	0.	1.0	1.0	17.0	2.0	63.5	3.0	16.5	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1589		16	-1.0	0.	0.	1.5	1.0	5.5	2.0	20.0	3.0	25.0	4.0	17.0	5.0	9.9	6.0	3.9	7.0	2.3	8.0	1.2
201	1589			9.0	1.5	10.0	5.7	11.0	0.8	12.0	1.5	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1590		9	1.0	0.	1.5	2.0	2.0	10.0	2.5	28.0	3.0	31.0	3.5	21.0	4.0	4.0	4.5	4.0	5.0	0.	0.	0.
200	1591		7	-1.0	0.	0.	4.0	1.0	4.0	2.0	42.0	3.0	46.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1592		14	2.0	0.	3.0	4.5	4.0	9.0	5.0	25.1	6.0	14.8	7.0	7.6	8.0	4.0	9.0	3.4	10.0	19.0	11.0	2.6
201	1592			12.0	3.5	13.0	2.7	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1593		9	1.0	0.	1.5	0.5	2.0	29.5	2.5	36.0	3.0	25.0	3.5	6.0	4.0	1.0	4.5	2.0	5.0	0.	0.	0.
200	1594		6	0.	0.	1.0	2.5	2.0	51.5	3.0	41.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1595		17	1.0	0.	2.0	2.5	3.0	18.5	4.0	31.0	5.0	16.9	6.0	5.1	7.0	4.0	8.0	2.2	9.0	2.2	10.0	3.7
201	1595			11.0	2.7	12.0	2.1	13.0	1.8	14.0	1.4	15.0	1.3	16.0	4.6	17.0	0.	0.	0.	0.	0.	0.	0.
200	1596		9	1.0	0.	1.5	3.0	2.0	23.0	2.5	30.0	3.0	29.0	3.5	13.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.
200	1597	A	18	2.0	0.	3.0	3.5	4.0	16.5	5.0	26.6	6.0	14.0	7.0	6.3	8.0	3.5	9.0	3.2	10.0	5.0	11.0	3.9
201	1597	A		12.0	3.4	13.0	2.7	14.0	2.5	15.0	2.1	16.0	1.6	17.0	1.4	18.0	3.8	19.0	0.	0.	0.	0.	0.
200	1598		8	1.5	0.	2.0	6.0	2.5	18.0	3.0	28.0	3.5	28.0	4.0	12.0	4.5	8.0	5.0	0.	0.	0.	0.	0.
200	1599		18	1.0	0.	2.0	1.0	3.0	4.0	4.0	15.0	5.0	29.0	6.0	13.2	7.0	6.2	8.0	3.3	9.0	3.5	10.0	5.3
201	1599			11.0	4.0	12.0	3.4	13.0	2.6	14.0	2.3	15.0	1.8	16.0	2.6	17.0	2.8	18.0	0.	0.	0.	0.	0.
200	1600		6	0.	0.	1.0	4.0	2.0	32.0	3.0	56.0	4.0	8.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1601	A	8	1.5	0.	2.0	8.0	2.5	42.0	3.0	30.0	3.5	9.0	4.0	1.0	4.5	10.0	5.0	0.	0.	0.	0.	0.
200	1602		19	1.0	0.	2.0	5.5	3.0	17.5	4.0	27.0	5.0	23.1	6.0	6.6	7.0	2.8	8.0	1.5	9.0	1.5	10.0	1.4
201	1602			11.0	1.6	12.0	1.4	13.0	1.2	14.0	1.1	15.0	1.1	16.0	0.9	17.0	0.8	18.0	5.0	19.0	0.	0.	0.
200	1603		17	1.0	0.	2.0	12.0	3.0	23.5	4.0	20.5	5.0	13.6	6.0	12.4	7.0	2.7	8.0	1.5	9.0	0.8	10.0	1.6
201	1603			11.0	1.9	12.0	1.5	13.0	1.2	14.0	1.0	15.0	0.9	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.
200	1604		9	1.0	0.	1.5	0.5	2.0	8.5	2.5	27.0	3.0	34.0	3.5	17.0	4.0	4.0	4.5	9.0	5.0	0.	0.	0.
200	1605		7	0.	0.	1.0	1.0	2.0	26.0	3.0	63.0	4.0	8.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1606		7	0.	0.	1.0	1.0	2.0	2.0	3.0	55.0	4.0	35.0	5.0	7.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1607		8	1.5	0.	2.0	20.0	2.5	44.0	3.0	27.0	3.5	6.0	4.0	1.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1608		18	1.0	0.	2.0	3.0	3.0	16.0	4.0	19.0	5.0	27.7	6.0	9.5	7.0	3.8	8.0	2.1	9.0	1.7	10.0	2.8
201	1608			11.0	2.3	12.0	1.9	13.0	1.7	14.0	1.5	15.0	1.4	16.0	1.0	17.0	4.6	18.0	0.	0.	0.	0.	0.
200	1609		8	1.5	0.	2.0	15.0	2.5	20.0	3.0	39.0	3.5	16.0	4.0	3.0	4.5	7.0	5.0	0.	0.	0.	0.	0.
200	1610		9	1.0	0.	1.5	1.0	2.0	35.0	2.5	24.0	3.0	18.0	3.5	12.0	4.0	3.0	4.5	7.0	5.0	0.	0.	0.
200	1611		8	-1.0	0.	0.	1.0	1.0	2.0	2.0	34.0	3.0	48.0	4.0	10.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1612		7	0.	0.	1.0	1.0	2.0	22.5	3.0	66.5	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1613		8	1.5	0.	2.0	1.0	2.5	13.0	3.0	30.0	3.5	36.0	4.0	10.0	4.5	10.0	5.0	0.	0.	0.	0.	0.
200	1614		15	2.0	0.	3.0	19.0	4.0	43.0	5.0	16.0	6.0	3.7	7.0	2.2	8.0	1.8	9.0	1.9	10.0	2.7	11.0	1.6
201	1614			12.0	1.5	13.0	1.1	14.0	1.0	15.0	3.9	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1615		16	2.0	0.	3.0	23.0	4.0	40.0	5.0	13.7	6.0	5.4	7.0	2.6	8.0	1.4	9.0	1.4	10.0	2.1	11.0	1.4
201	1615			12.0	1.1	13.0	1.1	14.0	1.0	15.0	0.9	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1616		8	1.5	0.	2.0	3.5	2.5	18.5	3.0	28.0	3.5	34.0	4.0	6.0	4.5	10.0	5.0	0.	0.	0.	0.	0.
200	1617	A	19	1.0	0.	2.0	0.5	3.0	7.0	4.0	12.5	5.0	29.4	6.0	14.0	7.0	5.8	8.0	2.9	9.0	2.6	10.0	4.4
201	1617	A		11.0	3.9	12.0	3.0	13.0	2.8	14.0	2.2	15.0	2.0	16.0	1.5	17.0	1.4	18.0	4.1	19.0	0.	0.	0.
200	1618		16	2.0	0.	3.0	8.0	4.0	47.0	5.0	19.1	6.0	4.8	7.0	2.7	8.0	2.0	9.0	2.3	10.0	2.4	11.0	1.8
201	1618			12.0	1.8	13.0	1.3	14.0	1.3	15.0	1.1	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1619		17	2.0	0.	3.0	2.0	4.0	23.0	5.0	31.9	6.0	9.8	7.0	4.7	8.0	3.9	9.0	2.8	10.0	4.6	11.0	2.7
201	1619			12.0	2.6	13.0	2.2	14.0	2.0	15.0	1.6	16.0	1.3	17.0	4.9	18.0	0.	0.	0.	0.	0.	0.	0.
200	1620		8	-1.0	0.	0.	1.0	1.0	15.0	2.0	24.0	3.0	28.0	4.0	23.0	5.0	9.0	6.0	0.	0.	0.	0.	0.
200	1621		7	-1.0	0.	0.	2.0	1.0	38.0	2.0	42.0	3.0	16.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1622		16	2.0	0.	3.0	2.5	4.0	16.5	5.0	35.7	6.0	10.2	7.0	5.2	8.0	3.2	9.0	3.6	10.0	6.5	11.0	3.5
201	1622			12.0	2.9	13.0	2.3	14.0	2.0	15.0	1.7	16.0	4.2	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1623		16	2.0	0.	3.0	1.0	4.0	14.0	5.0	39.2	6.0	11.3	7.0	5.6	8.0	3.8	9.0	4.0	10.0	4.9	11.0	2.2
201	1623			12.0	3.6	13.0	2.4	14.0	1.8	15.0	1.4	16.0	4.8	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1624	A	14	-1.0	0.	0.	3.0	1.0	4.0	2.0	2.0	3.0	17.0	4.0	54.0	5.0	13.5	6.0	1.2	7.0	0.7	8.0	0.6
201	1624	A		9.0	0.4	10.0	0.9	11.0	2.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1625		14	1.0	0.	2.0	3.0	3.0	8.0	4.0	52.0	5.0	25.3	6.0	1.9	7.0	1.1	8.0	0.8	9.0	1.1	10.0	0.7
201	1625			11.0	0.8	12.0	0.5	13.0	4.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1626		17	2.0	0.	3.0	1.0	4.0	19.0	5.0	44.4	6.0	9.4	7.0	3.9	8.0	2.4	9.0	2.1	10.0	3.1	11.0	2.7
201	1626			12.0	2.1	13.0	1.9	14.0	1.5	15.0	1.3	16.0	1.1	17.0	4.1	18.0	0.	0.	0.	0.	0.	0.	0.
200	1627		16	2.0	0.	3.0	1.0	4.0	13.0	5.0	49.5	6.0	10.4	7.0	4.6	8.0	2.2	9.0	2.2	10.0	3.1	11.0	2.6
201	1627			12.0	2.3	13.0	1.9	14.0	1.4	15.0	1.3	16.0	4.5	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1628		18	1.0	0.	2.0	1.0	3.0	4.0	4.0	15.0	5.0	31.6	6.0	13.7	7.0	5.5	8.0	2.7	9.0	2.7	10.0	4.5
201	1628			11.0	3.7	12.0	2.8	13.0	2.8	14.0	2.2	15.0	1.7	16.0	1.5	17.0	4.6	18.0	0.	0.	0.	0.	0.
200	1629		7	0.	0.	1.0	5.0	2.0	66.0	3.0	26.0	4.0	1.5	5.0	1.5	6.0	1.5	0.	0.	0.	0.	0.	0.
200	1630		23	-2.0	0.	-1.0	1.0	0.	0.	1.0	0.	2.0	4.0	3.0	22.0	4.0	32.0	5.0	15.9	6.0	3.8	7.0	2.3
201	1630			8.0	1.6	9.0	1.3	10.0	2.5	11.0	1.7	12.0	1.4	13.0	1.3	14.0	1.1	15.0	1.0	16.0	0.9	17.0	0.9
202	1630			18.0	0.6	19.0	4.7	20.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1631		17	2.0	0.	3.0	5.0	4.0	37.0	5.0	26.6	6.0	7.4	7.0	3.5	8.0	1.9	9.0	2.0	10.0	3.0	11.0	2.0
201	1631			12.0	1.7	13.0	1.7	14.0	1.4	15.0	1.2	16.0	1.0	17.0	4.6	18.0	0.	0.	0.	0.	0.	0.	0.
200	1632		18	2.0	0.	3.0	2.0	4.0	5.0	5.0	26.5	6.0	18.0	7.0	7.7	8.0	6.9	9.0	0.9	10.0	6.3	11.0	4.8
201	1632			12.0	4.3	13.0	3.7	14.0	3.2	15.0	2.6	16.0	2.0	17.0	1.7	18.0	4.4	19.0	0.	0.	0.	0.	0.
200	1633		16	3.0	0.	4.0	3.8	5.0	17.6	6.0	20.0	7.0	10.7	8.0	6.0	9.0	4.8	10.0	7.8	11.0	7.3	12.0	6.0
201	1633			13.0	4.5	14.0	3.7	15.0	2.7	16.0	1.9	17.0	3.2	18.0	0.1	0.	0.	0.	0.	0.	0.	0.	0.
200	1634		15	3.0	0.	4.0	3.2	5.0	21.5	6.0	17.3	7.0	11.8	8.0	6.4	9.0	5.9	10.0	7.1	11.0	6.8	12.0	5.8
201	1634			13.0	4.5	14.0	3.2	15.0	2.3	16.0	4.5	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1635		15	3.0	0.	4.0	2.7	5.0	17.0	6.0	19.3	7.0	11.6	8.0	6.6	9.0	6.4	10.0	8.9	11.0	7.9	12.0	6.1
201	1635			13.0	4.7	14.0	3.3	15.0	2.2	16.0	3.3	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1636		18	-1.0	0.	0.	0.5	1.0	12.0	2.0	10.5	3.0	12.0	4.0	26.0	5.0	18.2	6.0	4.6	7.0	2.3	8.0	1.7
201	1636			9.0	1.3	10.0	1.9	11.0	1.3	12.0	1.2	13.0	1.0	14.0	0.9	15.0	4.6	16.0	0.	0.	0.	0.	0.
200	1637		12	1.0	0.	2.0	1.0	3.0	6.0	4.0	44.0	5.0	39.9	6.0	2.1	7.0	1.0	8.0	0.9	9.0	0.8	10.0	0.9
201	1637			11.0	3.4	12.0	0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1638		17	3.0	0.	4.0	2.8	5.0	16.2	6.0	18.7	7.0	11.6	8.0	4.3	9.0	5.0	10.0	6.8	11.0	6.8	12.0	6.1
201	1638			13.0	5.1	14.0	4.1	15.0	3.5	16.0	2.5	17.0	2.0	18.0	4.5	19.0	0.	0.	0.	0.	0.	0.	0.
200	1639		17	3.0	0.	4.0	5.9	5.0	15.8	6.0	17.4	7.0	10.4	8.0	5.2	9.0	4.4	10.0	6.8	11.0	6.2	12.0	5.9
201	1639			13.0	5.2	14.0	4.3	15.0	3.5	16.0	2.6	17.0	2.0	18.0	4.4	19.0	0.	0.	0.	0.	0.	0.	0.
200	1641		18	0.	0.	1.0	6.0	2.0	27.0	3.0	20.0	4.0	22.0	5.0	9.1	6.0	2.6	7.0	1.3	8.0	1.0	9.0	1.5
201	1641			10.0	1.0	11.0	1.2	12.0	0.9	13.0	0.8	14.0	0.8	15.0	0.8	16.0	4.0	17.0	0.	0.	0.	0.	0.
200	1642		7	0.	0.	1.0	5.0	2.0	45.0	3.0	37.0	4.0	9.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1643		23	0.	0.	1.0	3.0	2.0	6.0	3.0	7.0	4.0	18.0	5.0	18.3	6.0	9.4	7.0	5.4	8.0	2.9	9.0	1.8

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1643		10.0	4.0	11.0	3.2	12.0	3.0	13.0	2.3	14.0	2.4	15.0	1.9	16.0	1.8	17.0	1.6	18.0	1.4	19.0	1.1
202	1643		20.0	1.1	21.0	4.4	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1644	22	0.	0.	1.0	1.0	2.0	3.0	3.0	7.0	4.0	12.0	5.0	22.2	6.0	12.0	7.0	6.6	8.0	3.3	9.0	2.7
201	1644		10.0	4.7	11.0	3.7	12.0	3.6	13.0	3.2	14.0	2.5	15.0	2.4	16.0	1.9	17.0	1.6	18.0	1.5	19.0	1.1
202	1644		20.0	4.0	21.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1645	23	0.	0.	1.0	4.0	2.0	4.0	3.0	9.0	4.0	15.0	5.0	19.3	6.0	9.7	7.0	5.4	8.0	2.8	9.0	2.5
201	1645		10.0	3.7	11.0	3.2	12.0	2.9	13.0	2.5	14.0	2.1	15.0	2.1	16.0	1.8	17.0	1.6	18.0	1.4	19.0	1.3
202	1645		20.0	1.0	21.0	4.7	22.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1647	19	0.	0.	1.0	1.0	2.0	0.	3.0	3.0	4.0	5.0	5.0	20.0	6.0	14.9	7.0	8.0	8.0	4.4	9.0	4.6
201	1647		10.0	14.8	11.0	2.3	12.0	5.5	13.0	4.5	14.0	3.4	15.0	2.6	16.0	2.1	17.0	3.9	18.0	0.	0.	0.
200	1648	19	2.0	0.	3.0	3.0	4.0	5.5	5.0	22.9	6.0	6.5	7.0	9.6	8.0	6.2	9.0	7.8	10.0	4.1	11.0	5.9
201	1648		12.0	5.0	13.0	4.5	14.0	4.0	15.0	3.3	16.0	2.7	17.0	2.3	18.0	1.8	19.0	4.9	20.0	0.	0.	0.
200	1649	19	1.0	0.	2.0	1.5	3.0	16.5	4.0	22.5	5.0	13.8	6.0	17.0	7.0	4.1	8.0	2.5	9.0	2.1	10.0	2.8
201	1649		11.0	2.7	12.0	2.3	13.0	2.2	14.0	1.6	15.0	1.7	16.0	1.2	17.0	1.1	18.0	4.4	19.0	0.	0.	0.
200	1650	7	0.	0.	1.0	2.0	2.0	18.0	3.0	60.0	4.0	16.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1653	16	0.	0.	1.0	2.5	2.0	7.5	3.0	12.0	4.0	12.0	5.0	15.2	6.0	5.6	7.0	5.7	8.0	4.4	9.0	8.8
201	1653		10.0	9.9	11.0	4.9	12.0	4.0	13.0	2.8	14.0	4.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1654	7	0.	0.	1.0	5.0	2.0	25.0	3.0	60.0	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1655	19	0.	0.	1.0	3.5	2.0	4.0	3.0	5.5	4.0	9.0	5.0	16.5	6.0	9.7	7.0	7.0	8.0	4.9	9.0	5.3
201	1655		10.0	10.4	11.0	4.2	12.0	5.0	13.0	4.0	14.0	3.0	15.0	2.4	16.0	1.9	17.0	3.7	18.0	0.	0.	0.
200	1656	7	0.	0.	1.0	1.0	2.0	11.0	3.0	70.0	4.0	15.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1657 A	8	-1.0	0.	0.	1.0	1.0	7.0	2.0	57.0	3.0	30.0	4.0	4.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1658	15	0.	0.	1.0	1.5	2.0	31.5	3.0	31.0	4.0	9.0	5.0	12.3	6.0	2.6	7.0	1.8	8.0	1.5	9.0	1.0
201	1658		10.0	1.7	11.0	1.0	12.0	0.9	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1659	7	-1.0	0.	0.	2.0	1.0	40.0	2.0	44.0	3.0	12.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1660	8	-2.0	0.	-1.0	1.0	0.	3.0	1.0	37.0	2.0	46.0	3.0	12.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1661	7	-1.0	0.	0.	0.5	1.0	28.5	2.0	51.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1662	7	-1.0	0.	0.	3.0	1.0	33.0	2.0	49.0	3.0	14.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1663	7	-1.0	0.	0.	0.5	1.0	23.5	2.0	56.0	3.0	18.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1664	7	-1.0	0.	0.	3.0	1.0	40.0	2.0	40.0	3.0	16.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1665	6	0.	0.	1.0	5.0	2.0	49.0	3.0	44.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1666	7	-1.0	0.	0.	1.5	1.0	38.5	2.0	40.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1667	6	-1.0	0.	0.	5.0	1.0	32.0	2.0	42.0	3.0	21.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1668	8	-2.0	0.	-1.0	1.5	0.	14.5	1.0	45.0	2.0	26.0	3.0	12.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1669	7	-1.0	0.	0.	4.0	1.0	38.5	2.0	41.5	3.0	15.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1670	7	-1.0	0.	0.	3.0	1.0	27.0	2.0	46.0	3.0	23.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1671	7	-1.0	0.	0.	4.0	1.0	31.0	2.0	49.0	3.0	14.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1672	7	-1.0	0.	0.	1.0	1.0	37.0	2.0	44.0	3.0	16.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1673	7	0.	0.	1.0	2.0	2.0	11.0	3.0	71.0	4.0	15.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1674	7	-1.0	0.	0.	2.0	1.0	33.0	2.0	22.0	3.0	36.0	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1675	7	1.0	0.	1.5	0.5	2.0	20.0	2.5	30.5	3.0	41.0	3.5	8.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1676	6	1.5	0.	2.0	20.0	2.5	38.0	3.0	37.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1677	6	0.	0.	1.0	15.0	2.0	54.0	3.0	30.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1678	6	-1.0	0.	0.	6.0	1.0	48.0	2.0	34.0	3.0	12.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1679	7	-1.0	0.	0.	2.0	1.0	25.0	2.0	49.0	3.0	22.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1680	6	0.	0.	1.0	2.0	2.0	29.0	3.0	54.0	4.0	15.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1681	7	-1.0	0.	0.	3.0	1.0	25.0	2.0	52.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1682	7	-1.0	0.	0.	1.0	1.0	21.0	2.0	57.0	3.0	20.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1683	7	-1.0	0.	0.	0.5	1.0	1.5	2.0	33.0	3.0	52.0	4.0	13.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1684	7	-1.0	0.	0.	1.0	1.0	20.0	2.0	46.0	3.0	31.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1685	7	-1.0	0.	0.	1.5	1.0	38.5	2.0	38.0	3.0	21.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1686	7	-1.0	0.	0.	4.0	1.0	38.0	2.0	37.0	3.0	19.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1687	6	0.	0.	1.0	15.0	2.0	53.0	3.0	31.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1688	6	0.	0.	1.0	28.0	2.0	38.0	3.0	31.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1689	8	1.0	0.	1.5	3.0	2.0	21.0	2.5	28.0	3.0	34.0	3.5	12.5	4.0	1.5	4.5	0.	0.	0.	0.	0.
200	1690	7	-1.0	0.	0.	3.0	1.0	49.5	2.0	38.5	3.0	8.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1691	6	0.	0.	1.0	11.5	2.0	63.5	3.0	23.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1692	6	-1.0	0.	0.	3.0	1.0	41.0	2.0	46.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1693	7	-1.0	0.	0.	3.0	1.0	47.0	2.0	37.0	3.0	12.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1694	7	-1.0	0.	0.	2.5	1.0	49.5	2.0	37.0	3.0	10.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1695	7	-1.0	0.	0.	12.0	1.0	58.0	2.0	25.5	3.0	3.0	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1696	8	-2.0	0.	-1.0	1.0	0.	14.0	1.0	45.0	2.0	26.0	3.0	10.0	4.0	4.0	5.0	0.	0.	0.	0.	0.
200	1697	7	-1.0	0.	0.	1.0	1.0	39.0	2.0	44.0	3.0	15.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1698	6	0.	0.	1.0	20.0	2.0	65.0	3.0	14.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1699	7	-1.0	0.	0.	3.0	1.0	29.0	2.0	51.0	3.0	15.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1700	7	-1.0	0.	0.	1.0	1.0	27.0	2.0	49.0	3.0	22.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1701	7	-1.0	0.	0.	3.0	1.0	35.0	2.0	40.0	3.0	21.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1702	7	-1.0	0.	0.	2.0	1.0	29.0	2.0	45.0	3.0	21.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1703	6	0.	0.	1.0	3.5	2.0	51.5	3.0	42.5	4.0	2.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1704	7	-1.0	0.	0.	2.0	1.0	35.0	2.0	45.5	3.0	16.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1705	7	-1.0	0.	0.	3.0	1.0	32.0	2.0	47.0	3.0	17.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1706	7	-1.0	0.	0.	1.0	1.0	24.0	2.0	49.0	3.0	25.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1707	7	-1.0	0.	0.	6.0	1.0	44.0	2.0	40.0	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1708	7	-1.0	0.	0.	3.0	1.0	40.0	2.0	42.5	3.0	13.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1709	6	0.	0.	1.0	5.0	2.0	48.0	3.0	45.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1710	9	0.	0.	0.5	2.0	1.0	9.0	1.5	23.0	2.0	33.0	2.5	25.0	3.0	7.0	3.5	1.0	4.0	0.	0.	0.
200	1711	10	-1.0	0.	-0.5	2.0	0.	7.0	0.5	29.0	1.0	23.0	1.5	11.0	2.0	20.0	2.5	5.0	3.0	3.0	3.5	0.
200	1712	9	-0.5	0.	0.	1.5	0.5	1.5	1.0	37.0	1.5	26.0	2.0	25.0	2.5	6.0	3.0	3.0	3.5	0.	0.	0.
200	1713	8	-1.0	0.	0.	0.5	1.0	11.5	2.0	50.0	3.0	35.0	4.0	2.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1714	7	-1.0	0.	0.	2.5	1.0	19.5	2.0	38.0	3.0	38.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1715	8	-1.0	0.	0.	5.0	1.0	39.0	2.0	31.5	3.0	18.5	4.0	4.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1716	9	-1.0	0.	0.	4.0	1.0	46.0	2.0	28.0	3.0	10.0	4.0	5.0	5.0	3.0	6.0	4.0	7.0	0.	0.	0.
200	1717	8	-1.0	0.	0.	1.5	1.0	32.5	2.0	34.0	3.0	17.0	4.0	10.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1718	8	1.5	0.	2.0	1.5	2.5	4.0	3.0	14.5	3.5	40.0	4.0	30.0	4.5	10.0	5.0	0.	0.	0.	0.	0.
200	1719	7	0.	0.	1.0	0.5	2.0	7.5	3.0	27.0	4.0	56.0	5.0	9.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1720	8	-1.0	0.	0.	2.0	1.0	20.5	2.0	37.5	3.0	30.0	4.0	5.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1721	17	1.0	0.	2.0	1.0	3.0	4.0	4.0	25.0	5.0	35.4	6.0	8.2	7.0	2.9	8.0	4.1	9.0	2.1	10.0	3.5
201	1721		11.0	2.3	12.0	2.1	13.0	1.8	14.0	1.6	15.0	1.2	16.0	4.8	17.0	0.	0.	0.	0.	0.	0.	0.
200	1722	16	3.0	0.	4.0	4.0	5.0	22.1	6.0	14.7	7.0	9.6	8.0	5.9	9.0	5.8	10.0	9.1	11.0	6.0	12.0	5.8
201	1722		13.0	4.5	14.0	3.7	15.0	2.8	16.0	2.1	17.0	3.9	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1723	16	3.0	0.	4.0	4.0	5.0	26.8	6.0	16.9	7.0	9.0	8.0	4.9	9.0	4.9	10.0	7.2	11.0	5.3	12.0	5.0
201	1723		13.0	4.0	14.0	3.2	15.0	2.6	16.0	1.8	17.0	4.4	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1724	19	0.	0.	1.0	0.5	2.0	1.5	3.0	8.0	4.0	25.0	5.0	31.4	6.0	6.7	7.0	3.8	8.0	2.7	9.0	2.1
201	1724		10.0	2.9	11.0	2.9	12.0	2.0	13.0	2.0	14.0	1.5	15.0	1.5	16.0	1.0	17.0	4.5	18.0	0.	0.	0.
200	1725	18	2.0	0.	3.0	0.5	4.0	6.5	5.0	32.4	6.0	13.4	7.0	7.3	8.0	4.3	9.0	4.2	10.0	6.2	11.0	4.7
201	1725		12.0	3.8	13.0	3.6	14.0	3.0	15.0	2.3	16.0	2.0	17.0	1.5	18.0	4.3	19.0	0.	0.	0.	0.	0.
200	1726	19	2.0	0.	3.0	5.0	4.0	13.0	5.0	29.5	6.0	11.3	7.0	5.8	8.0	2.4	9.0	4.1	10.0	5.1	11.0	4.0
201	1726		12.0	3.3	13.0	3.1	14.0	2.6	15.0	2.3	16.0	1.9	17.0	1.4	18.0	1.2	19.0	4.0	20.0	0.	0.	0.
200	1727	20	1.0	0.	2.0	0.5	3.0	7.5	4.0	19.0	5.0	23.3	6.0	11.1	7.0	5.4	8.0	3.1	9.0	2.6	10.0	3.8
201	1727		11.0	3.8	12.0	3.0	13.0	2.9	14.0	2.3	15.0	2.1	16.0	1.8	17.0	1.6	18.0	1.2	19.0	5.0	20.0	0.
200	1728	18	2.0	0.	3.0	10.0	4.0	23.0	5.0	25.6	6.0	8.8	7.0	4.5	8.0	2.8	9.0	2.2	10.0	3.2	11.0	3.9
201	1728		12.0	2.5	13.0	2.4	14.0	2.1	15.0	1.6	16.0	1.6	17.0	1.1	18.0	4.7	19.0	0.	0.	0.	0.	0.
200	1729	9	1.0	0.	1.5	1.0	2.0	1.0	2.5	32.0	3.0	34.0	3.5	16.0	4.0	6.0	4.5	10.0	5.0	0.	0.	0.
200	1730	17	1.0	0.	2.0	3.0	3.0	40.0	4.0	23.0	5.0	9.5	6.0	4.4	7.0	2.6	8.0	1.7	9.0	1.8	10.0	2.5
201	1730		11.0	1.9	12.0	1.6	13.0	1.2	14.0	1.2	15.0	1.0	16.0	4.6	17.0	0.	0.	0.	0.	0.	0.	0.
200	1731	21	-1.0	0.	0.	4.0	1.0	4.0	2.0	7.0	3.0	27.0	4.0	22.0	5.0	12.4	6.0	3.3	7.0	2.4	8.0	1.5
201	1731		9.0	1.5	10.0	2.1	11.0	1.3	12.0	1.5	13.0	1.2	14.0	1.1	15.0	1.1	16.0	0.8	17.0	0.9	18.0	4.9
202	1731		19.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1732	16	0.	0.	1.0	1.0	2.0	2.0	3.0	8.0	4.0	8.0	5.0	17.5	6.0	11.8	7.0	7.2	8.0	3.9	9.0	5.2
201	1732		10.0	21.8	11.0	2.6	12.0	4.4	13.0	2.9	14.0	3.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1733	19	1.0	0.	2.0	5.0	3.0	23.0	4.0	36.0	5.0	13.7	6.0	4.1	7.0	2.2	8.0	1.2	9.0	1.7	10.0	1.4
201	1733		11.0	1.2	12.0	1.0	13.0	1.0	14.0	0.8	15.0	0.8	16.0	0.7	17.0	0.7	18.0	4.7	19.0	0.	0.	0.
200	1734	15	0.	0.	1.0	0.5	2.0	1.5	3.0	12.0	4.0	20.0	5.0	16.0	6.0	10.2	7.0	5.7	8.0	4.7	9.0	14.7
201	1734		10.0	6.1	11.0	0.6	12.0	3.2	13.0	4.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1735	18	-2.0	0.	-1.0	12.0	0.	5.0	1.0	3.0	2.0	10.0	3.0	18.0	4.0	19.0	5.0	10.8	6.0	4.0	7.0	2.7
201	1735		8.0	2.2	9.0	2.1	10.0	2.0	11.0	1.5	12.0	1.6	13.0	1.2	14.0	4.9	15.0	0.	0.	0.	0.	0.
200	1736	17	1.0	0.	2.0	19.0	3.0	38.0	4.0	19.0	5.0	6.9	6.0	1.8	7.0	0.4	8.0	0.4	9.0	2.0	10.0	2.0
201	1736		11.0	1.5	12.0	1.1	13.0	1.0	14.0	1.1	15.0	0.8	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.
200	1737	12	-5.0	0.	-4.0	18.1	-3.0	4.7	-2.0	3.6	-1.0	8.4	0.	5.2	1.0	1.0	2.0	24.0	3.0	23.0	4.0	4.0
201	1737		5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1738	7	0.	0.	1.0	0.5	2.0	31.5	3.0	58.0	4.0	6.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1739	8	1.5	0.	2.0	20.0	2.5	44.0	3.0	22.0	3.5	5.0	4.0	1.0	4.5	8.0	5.0	0.	0.	0.	0.	0.
200	1741	7	0.	0.	1.0	1.0	2.0	47.0	3.0	41.0	4.0	8.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1742	9	1.0	0.	1.5	1.0	2.0	11.0	2.5	29.0	3.0	26.0	3.5	17.0	4.0	6.0	4.5	10.0	5.0	0.	0.	0.
200	1743	8	0.	0.	1.0	1.0	2.0	6.0	3.0	67.0	4.0	18.0	5.0	6.0	6.0	2.0	7.0	0.	0.	0.	0.	0.
200	1744	12	-4.0	0.	-3.0	1.8	-2.0	4.6	-1.0	2.4	0.	0.	1.0	0.	2.0	12.2	3.0	57.0	4.0	12.0	5.0	6.0
201	1744		6.0	4.0	7.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1745	10	-4.0	0.	-3.0	18.9	-2.0	0.9	-1.0	1.6	0.	0.6	1.0	4.0	2.0	31.0	3.0	31.0	4.0	12.0	5.0	0.
200	1746	8	-1.0	0.	0.	0.5	1.0	14.5	2.0	36.0	3.0	38.0	4.0	7.0	5.0	4.0	6.0	0.	0.	0.	0.	0.
200	1747	8	-1.0	0.	0.	1.0	1.0	3.0	2.0	39.0	3.0	42.5	4.0	9.5	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1748	7	0.	0.	1.0	16.5	2.0	38.5	3.0	31.0	4.0	9.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1750	14	0.	0.	1.0	6.0	2.0	24.0	3.0	27.0	4.0	19.0	5.0	12.2	6.0	2.4	7.0	1.3	8.0	0.9	9.0	1.0
201	1750		10.0	0.9	11.0	1.1	12.0	4.2	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1751	7	0.	0.	1.0	10.0	2.0	62.0	3.0	26.0	4.0	1.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1752	8	-1.0	0.	0.	1.0	1.0	24.0	2.0	51.0	3.0	18.0	4.0	3.5	5.0	2.5	6.0	0.	0.	0.	0.	0.
200	1753	13	2.0	0.	3.0	2.5	4.0	27.5	5.0	44.9	6.0	6.3	7.0	3.5	8.0	1.6	9.0	2.1	10.0	2.8	11.0	2.0
201	1753		12.0	1.8	13.0	5.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1754	7	-1.0	0.	0.	0.5	1.0	28.5	2.0	55.0	3.0	15.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1755	6	-1.0	0.	0.	12.0	1.0	50.0	2.0	30.0	3.0	8.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1756	6	1.0	0.	2.0	16.0	3.0	52.0	4.0	29.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1757	6	0.	0.	1.0	32.0	2.0	49.0	3.0	18.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1758	7	-1.0	0.	0.	4.0	1.0	32.0	2.0	45.0	3.0	18.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1759	6	-1.0	0.	0.	11.5	1.0	48.5	2.0	30.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1760	7	-1.0	0.	0.	2.0	1.0	13.0	2.0	44.0	3.0	36.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1761	7	-1.0	0.	0.	1.0	1.0	44.0	2.0	43.0	3.0	11.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1762	13	0.	0.	1.0	7.0	2.0	16.0	3.0	29.0	4.0	37.0	5.0	4.7	6.0	1.1	7.0	0.5	8.0	0.2	9.0	0.4
201	1762		10.0	0.8	11.0	3.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1763	14	2.0	0.	3.0	2.0	4.0	18.0	5.0	37.9	6.0	9.8	7.0	5.0	8.0	3.9	9.0	3.9	10.0	5.4	11.0	4.1
201	1763		12.0	3.0	13.0	2.3	14.0	4.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1764	17	0.	0.	1.0	5.0	2.0	12.0	3.0	30.0	4.0	21.0	5.0	12.4	6.0	3.4	7.0	2.2	8.0	0.4	9.0	0.8
201	1764		10.0	2.4	11.0	1.6	12.0	1.5	13.0	1.2	14.0	1.1	15.0	5.0	16.0	0.	0.	0.	0.	0.	0.	0.
200	1765	8	-1.0	0.	0.	1.0	1.0	11.0	2.0	38.0	3.0	40.0	4.0	5.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1766	8	-1.0	0.	0.	1.0	1.0	6.0	2.0	38.0	3.0	47.0	4.0	7.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1768	7	0.	0.	1.0	36.0	2.0	51.0	3.0	11.0	4.0	1.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1770	18	-1.0	0.	0.	1.0	1.0	7.0	2.0	13.0	3.0	28.0	4.0	21.0	5.0	10.9	6.0	3.4	7.0	1.9	8.0	0.5
201	1770		9.0	1.4	10.0	2.3	11.0	1.7	12.0	1.4	13.0	1.3	14.0	1.0	15.0	4.2	16.0	0.	0.	0.	0.	0.
200	1771	14	2.0	0.	3.0	5.0	4.0	37.0	5.0	31.0	6.0	6.4	7.0	3.3	8.0	1.9	9.0	2.5	10.0	3.0	11.0	2.0
201	1771		12.0	1.9	13.0	1.2	14.0	4.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1772	9	-2.0	0.	-1.0	1.0	0.	5.0	1.0	10.0	2.0	31.0	3.0	45.0	4.0	7.0	5.0	1.0	6.0	0.	0.	0.
200	1773	17	-1.0	0.	0.	0.5	1.0	1.5	2.0	11.0	3.0	25.0	4.0	15.0	5.0	14.1	6.0	7.1	7.0	4.4	8.0	3.4
201	1773		9.0	3.7	10.0	3.9	11.0	2.6	12.0	2.2	13.0	1.6	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.
200	1774	9	-2.0	0.	-1.0	2.0	0.	17.0	1.0	43.0	2.0	19.0	3.0	11.5	4.0	5.5	5.0	2.0	6.0	0.	0.	0.
200	1775	7	0.	0.	1.0	1.0	2.0	49.0	3.0	43.5	4.0	5.5	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1776	7	-1.0	0.	0.	10.0	1.0	38.0	2.0	35.0	3.0	16.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1777	8	1.0	0.	1.5	1.0	2.0	26.0	2.5	34.0	3.0	34.0	3.5	4.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1778	7	-1.0	0.	0.	1.0	1.0	21.0	2.0	48.0	3.0	26.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1779	7	-1.0	0.	0.	1.0	1.0	24.0	2.0	60.0	3.0	14.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1780	7	-1.0	0.	0.	2.0	1.0	23.0	2.0	55.5	3.0	18.5	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1781	6	0.	0.	1.0	1.0	2.0	44.0	3.0	51.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1782	8	-1.0	0.	0.	2.5	1.0	10.5	2.0	36.0	3.0	44.0	4.0	6.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1783	7	2.0	0.	2.5	5.0	3.0	22.0	3.5	46.0	4.0	18.0	4.5	9.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1784	8	1.5	0.	2.0	36.0	2.5	34.0	3.0	20.0	3.5	6.0	4.0	2.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1785	7	0.	0.	1.0	10.0	2.0	65.0	3.0	21.0	4.0	2.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1786	8	-1.0	0.	0.	6.0	1.0	37.0	2.0	32.5	3.0	16.5	4.0	6.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1787	7	-1.0	0.	0.	2.0	1.0	26.0	2.0	47.0	3.0	24.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1788	7	0.	0.	1.0	1.0	2.0	39.0	3.0	55.0	4.0	4.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1789	7	-2.0	0.	-1.0	1.0	0.	18.0	1.0	42.0	2.0	28.0	3.0	11.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1790	7	-1.0	0.	0.	0.5	1.0	1.5	2.0	35.0	3.0	58.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1791	7	0.	0.	1.0	1.0	2.0	29.0	3.0	60.0	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1792	7	-1.0	0.	0.	1.0	1.0	13.0	2.0	56.0	3.0	29.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1793	7	-1.0	0.	0.	1.0	1.0	25.0	2.0	55.0	3.0	17.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1794	7	-1.0	0.	0.	5.0	1.0	37.0	2.0	39.0	3.0	17.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1795	8	1.5	0.	2.0	26.0	2.5	24.5	3.0	20.5	3.5	19.0	4.0	8.0	4.5	2.0	5.0	0.	0.	0.	0.	0.
200	1796	9	-2.0	0.	-1.0	0.5	0.	4.5	1.0	10.0	2.0	45.5	3.0	28.5	4.0	7.0	5.0	4.0	6.0	0.	0.	0.
200	1798	8	-1.0	0.	0.	3.0	1.0	2.0	2.0	31.0	3.0	54.0	4.0	8.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1800	7	0.	0.	1.0	1.0	2.0	34.0	3.0	45.0	4.0	13.0	5.0	7.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1801	8	1.5	0.	2.0	0.5	2.5	7.5	3.0	15.0	3.5	49.0	4.0	22.0	4.5	6.0	5.0	0.	0.	0.	0.	0.
200	1802	7	0.	0.	1.0	2.0	2.0	33.0	3.0	59.0	4.0	4.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1803	9	0.	0.	0.5	4.0	1.0	12.0	1.5	26.0	2.0	32.0	2.5	16.0	3.0	9.0	3.5	1.0	4.0	0.	0.	0.
200	1804	6	0.	0.	1.0	0.5	2.0	34.5	3.0	62.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1805	7	-2.0	0.	-1.0	1.0	0.	9.0	1.0	70.0	2.0	17.0	3.0	3.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1806	8	-2.0	0.	-1.0	1.0	0.	8.0	1.0	40.0	2.0	36.0	3.0	14.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	1807	7	-1.0	0.	0.	1.0	1.0	8.0	2.0	37.0	3.0	48.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1808	5	-1.0	0.	0.	3.0	1.0	4.0	2.0	43.0	3.0	43.0	4.0	5.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1809	8	1.5	0.	2.0	10.0	2.5	30.0	3.0	35.0	3.5	17.0	4.0	4.0	4.5	4.0	5.0	0.	0.	0.	0.	0.
200	1810	7	0.	0.	1.0	2.0	2.0	35.0	3.0	56.0	4.0	5.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1811	16	0.	0.	1.0	1.0	2.0	3.0	3.0	26.0	4.0	32.0	5.0	19.7	6.0	3.5	7.0	2.4	8.0	1.2	9.0	1.5
201	1811		10.0	1.9	11.0	2.6	12.0	1.8	13.0	1.0	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1812	7	0.	0.	1.0	1.5	2.0	39.5	3.0	40.0	4.0	14.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1813	7	-1.0	0.	0.	0.5	1.0	19.5	2.0	56.0	3.0	22.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1814	7	0.	0.	1.0	1.0	2.0	32.0	3.0	61.5	4.0	4.5	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1815	7	0.	0.	1.0	1.0	2.0	41.0	3.0	50.0	4.0	7.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1816	7	0.	0.	1.0	1.0	2.0	39.0	3.0	52.0	4.0	7.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1817	7	-1.0	0.	0.	4.5	1.0	30.5	2.0	55.0	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1818	6	0.	0.	1.0	8.0	2.0	48.0	3.0	41.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1819	7	0.	0.	1.0	1.0	2.0	33.0	3.0	59.0	4.0	5.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1820	8	1.0	0.	1.5	1.0	2.0	21.0	2.5	32.0	3.0	36.0	3.5	9.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1821	7	-2.0	0.	-1.0	1.0	0.	16.0	1.0	39.0	2.0	34.0	3.0	10.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1822	7	-2.0	0.	-1.0	1.0	0.	13.0	1.0	44.0	2.0	33.0	3.0	9.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1823	7	1.5	0.	2.0	2.0	2.5	20.0	3.0	41.0	3.5	35.0	4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1824	7	1.5	0.	2.0	33.0	2.5	42.0	3.0	20.0	3.5	4.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1825	7	1.5	0.	2.0	6.0	2.5	46.0	3.0	36.0	3.5	9.0	4.0	3.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1826	6	1.0	0.	2.0	4.0	3.0	82.0	4.0	10.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1827 A	16	1.0	0.	2.0	2.0	3.0	30.0	4.0	26.0	5.0	14.4	6.0	5.3	7.0	3.4	8.0	3.5	9.0	2.5	10.0	3.8
201	1827 A		11.0	2.2	12.0	1.9	13.0	1.7	14.0	1.3	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1828	17	1.0	0.	2.0	0.8	3.0	10.7	4.0	16.0	5.0	23.9	6.0	9.9	7.0	6.1	8.0	4.7	9.0	4.4	10.0	5.9
201	1828		11.0	3.6	12.0	2.6	13.0	2.6	14.0	2.2	15.0	1.6	16.0	4.2	17.0	0.	0.	0.	0.	0.	0.	0.
200	1829	17	1.0	0.	2.0	1.3	3.0	4.2	4.0	6.5	5.0	17.1	6.0	14.2	7.0	8.5	8.0	5.9	9.0	4.6	10.0	18.3
201	1829		11.0	1.1	12.0	5.8	13.0	3.8	14.0	3.2	15.0	2.2	16.0	4.3	17.0	0.	0.	0.	0.	0.	0.	0.
200	1830 A	13	2.0	0.	3.0	1.0	4.0	2.3	5.0	15.0	6.0	19.4	7.0	14.3	8.0	11.8	9.0	10.0	10.0	13.9	11.0	4.7
201	1830 A		12.0	3.9	13.0	4.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1834	15	2.0	0.	3.0	1.0	4.0	6.0	5.0	24.4	6.0	15.6	7.0	9.1	8.0	7.1	9.0	7.0	10.0	8.4	11.0	5.9
201	1834		12.0	4.5	13.0	3.6	14.0	2.6	15.0	4.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1835	17	1.0	0.	2.0	1.0	3.0	11.6	4.0	20.4	5.0	21.3	6.0	8.5	7.0	6.0	8.0	3.9	9.0	5.0	10.0	5.1
201	1835		11.0	3.6	12.0	3.2	13.0	2.5	14.0	2.1	15.0	1.6	16.0	4.2	17.0	0.	0.	0.	0.	0.	0.	0.
200	1836	18	0.	0.	1.0	1.0	2.0	13.0	3.0	20.0	4.0	25.0	5.0	13.3	6.0	5.1	7.0	2.8	8.0	2.6	9.0	2.8
201	1836		10.0	3.2	11.0	1.5	12.0	1.9	13.0	1.6	14.0	1.2	15.0	1.1	16.0	3.9	17.0	0.	0.	0.	0.	0.
200	1837	7	1.5	0.	2.0	8.0	2.5	39.0	3.0	40.0	3.5	12.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1839	6	1.0	0.	2.0	21.0	3.0	71.0	4.0	6.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1840	6	1.0	0.	2.0	35.0	3.0	54.0	4.0	9.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1841	7	2.0	0.	2.5	17.0	3.0	46.0	3.5	29.0	4.0	3.0	4.5	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1842	7	-1.0	0.	0.	3.0	1.0	42.0	2.0	40.0	3.0	13.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1843	7	-1.0	0.	0.	1.0	1.0	22.0	2.0	52.0	3.0	23.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1844	8	-1.0	0.	0.	1.0	1.0	11.0	2.0	47.0	3.0	37.0	4.0	2.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1845	6	0.	0.	1.0	4.0	2.0	51.0	3.0	43.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1846	8	-2.0	0.	-1.0	1.0	0.	9.0	1.0	21.0	2.0	41.0	3.0	26.0	4.0	2.0	5.0	0.	0.	0.	0.	0.
200	1847	7	-1.0	0.	0.	2.0	1.0	58.0	2.0	30.0	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1848	7	-1.0	0.	0.	7.0	1.0	35.0	2.0	38.0	3.0	18.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1849	7	0.	0.	1.0	1.5	2.0	32.5	3.0	62.0	4.0	3.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1850	6	1.0	0.	2.0	15.0	3.0	62.0	4.0	20.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1851	6	1.0	0.	2.0	1.0	3.0	74.0	4.0	22.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1852	6	1.0	0.	2.0	7.0	3.0	57.0	4.0	32.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1853	17	2.0	0.	3.0	0.3	4.0	3.0	5.0	22.2	6.0	15.4	7.0	9.2	8.0	6.3	9.0	7.2	10.0	8.3	11.0	6.1
201	1853		12.0	5.0	13.0	4.3	14.0	3.7	15.0	2.7	16.0	2.0	17.0	4.3	18.0	0.	0.	0.	0.	0.	0.	0.
200	1854	16	1.0	0.	2.0	1.0	3.0	24.0	4.0	32.5	5.0	15.7	6.0	4.9	7.0	2.9	8.0	2.4	9.0	2.5	10.0	3.1
201	1854		11.0	2.0	12.0	1.6	13.0	1.5	14.0	1.3	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1855	6	1.0	0.	2.0	1.0	3.0	56.0	4.0	38.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1856	6	1.0	0.	2.0	2.5	3.0	65.5	4.0	27.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1857	6	0.	0.	1.0	24.0	2.0	56.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1858	8	1.5	0.	2.0	1.5	2.5	4.5	3.0	35.0	3.5	50.0	4.0	4.5	4.5	4.5	5.0	0.	0.	0.	0.	0.
200	1859	9	1.0	0.	1.5	1.0	2.0	31.0	2.5	34.0	3.0	26.0	3.5	6.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.
200	1860	8	-1.0	0.	0.	5.0	1.0	55.0	2.0	24.5	3.0	11.5	4.0	3.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1861	8	-1.0	0.	0.	2.0	1.0	45.0	2.0	33.0	3.0	17.0	4.0	2.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1862	14	2.0	0.	3.0	0.9	4.0	5.6	5.0	26.0	6.0	13.3	7.0	9.3	8.0	8.2	9.0	8.9	10.0	9.0	11.0	6.6
201	1862		12.0	4.5	13.0	3.1	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1863	7	0.	0.	1.0	2.0	2.0	44.0	3.0	47.0	4.0	4.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1865	7	0.	0.	1.0	1.0	2.0	17.0	3.0	64.0	4.0	16.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1866	8	-1.0	0.	0.	3.0	1.0	14.0	2.0	26.0	3.0	26.0	4.0	26.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	1867	15	2.0	0.	3.0	1.8	4.0	16.6	5.0	23.5	6.0	11.0	7.0	7.8	8.0	6.7	9.0	7.6	10.0	7.1	11.0	5.1
201	1867		12.0	3.9	13.0	3.0	14.0	2.2	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1868	15	1.0	0.	2.0	0.3	3.0	9.2	4.0	40.5	5.0	19.0	6.0	5.3	7.0	4.0	8.0	3.5	9.0	4.1	10.0	3.7
201	1868		11.0	2.4	12.0	2.0	13.0	1.5	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1869	11	2.0	0.	3.0	15.0	4.0	61.0	5.0	12.7	6.0	2.0	7.0	1.4	8.0	1.4	9.0	1.4	10.0	1.1	11.0	3.9
201	1869		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1870	7	0.	0.	1.0	0.5	2.0	3.5	3.0	56.0	4.0	38.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1871	8	-2.0	0.	-1.0	0.5	0.	1.5	1.0	32.0	2.0	52.5	3.0	11.0	4.0	2.5	5.0	0.	0.	0.	0.	0.
200	1872	9	0.	0.	1.0	8.0	2.0	50.0	3.0	31.0	4.0	3.0	5.0	2.7	6.0	1.6	7.0	3.7	8.0	0.	0.	0.
200	1873	7	1.5	0.	2.0	20.0	2.5	27.0	3.0	35.0	3.5	17.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1874	9	-2.0	-1.0	-1.0	1.5	0.	13.5	1.0	41.0	2.0	29.0	3.0	11.5	4.0	2.5	5.0	1.0	6.0	0.	0.	0.
200	1875	8	1.0	0.	1.5	1.0	2.0	13.0	2.5	30.0	3.0	33.0	3.5	21.0	4.0	2.0	4.5	0.	0.	0.	0.	0.

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1876	7	1.5	0.	2.0	21.0	2.5	27.0	3.0	42.0	3.5	9.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1877	8	1.0	0.	1.5	0.5	2.0	19.5	2.5	47.0	3.0	28.0	3.5	4.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	1878	7	-1.0	0.	0.	2.0	1.0	18.0	2.0	60.0	3.0	19.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1879	6	1.5	0.	2.0	41.0	2.5	45.0	3.0	12.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1880	7	-1.0	0.	0.	11.0	1.0	35.5	2.0	43.5	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1881	15	0.	0.	1.0	0.7	2.0	1.3	3.0	11.6	4.0	30.9	5.0	15.4	6.0	7.8	7.0	7.3	8.0	5.6	9.0	4.8
201	1881		10.0	4.6	11.0	3.3	12.0	2.3	13.0	4.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1882	8	1.5	0.	2.0	2.0	2.5	20.0	3.0	43.5	3.5	31.0	4.0	3.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	1883	7	-1.0	0.	0.	4.0	1.0	36.0	2.0	41.0	3.0	9.0	4.0	10.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1884	15	0.	0.	1.0	0.5	2.0	1.0	3.0	22.5	4.0	37.5	5.0	15.4	6.0	4.4	7.0	3.0	8.0	3.0	9.0	3.2
201	1884		10.0	2.9	11.0	1.6	12.0	1.5	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1885	13	1.0	0.	2.0	2.0	3.0	34.0	4.0	30.0	5.0	10.5	6.0	4.1	7.0	3.5	8.0	3.5	9.0	3.4	10.0	2.6
201	1885		11.0	1.8	12.0	4.6	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1886	7	-1.0	0.	0.	2.0	1.0	27.0	2.0	57.0	3.0	13.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1887	6	0.	0.	1.0	5.0	2.0	69.0	3.0	25.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1888	7	-1.0	0.	0.	0.5	1.0	2.0	2.0	43.5	3.0	50.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1889	7	-1.0	0.	0.	3.0	1.0	11.0	2.0	36.0	3.0	46.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1890	6	0.	0.	1.0	2.0	2.0	61.0	3.0	36.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1891	7	0.	0.	1.0	2.5	2.0	47.5	3.0	43.5	4.0	3.5	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1892 A	7	-1.0	0.	0.	1.0	1.0	39.0	2.0	48.0	3.0	10.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1893	20	-2.0	0.	-1.0	1.0	0.	2.0	1.0	1.0	2.0	9.0	3.0	13.0	4.0	17.0	5.0	9.0	6.0	10.2	7.0	6.1
201	1893		8.0	5.1	9.0	4.7	10.0	4.4	11.0	3.7	12.0	3.2	13.0	3.6	14.0	2.0	15.0	1.6	16.0	4.4	17.0	0.
200	1894	7	-1.0	0.	0.	1.5	1.0	17.5	2.0	56.0	3.0	23.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1895	14	-1.0	0.	0.	1.0	1.0	2.0	2.0	5.0	3.0	55.0	4.0	21.0	5.0	4.2	6.0	1.8	7.0	1.5	8.0	1.5
201	1895		9.0	1.3	10.0	1.5	11.0	4.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1896	7	1.0	0.	1.5	2.0	2.0	4.0	2.5	15.0	3.0	47.0	3.5	32.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1897	7	2.0	0.	2.5	10.0	3.0	35.0	3.5	38.0	4.0	12.0	4.5	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1898	16	1.0	0.	2.0	0.5	3.0	2.5	4.0	18.5	5.0	17.2	6.0	7.8	7.0	9.0	8.0	8.7	9.0	7.4	10.0	6.7
201	1898		11.0	6.0	12.0	4.7	13.0	3.5	14.0	2.8	15.0	4.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1899	13	-6.0	0.	-5.0	0.8	-4.0	8.3	-3.0	11.7	-2.0	4.0	-1.0	1.5	0.	0.7	1.0	5.8	2.0	33.6	3.0	16.1
201	1899		4.0	10.2	5.0	6.3	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1900	5	2.5	0.	3.0	26.5	3.5	67.5	4.0	6.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1901	7	-2.0	0.	-1.0	1.0	0.	25.0	1.0	52.0	2.0	21.0	3.0	1.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1902	15	3.0	0.	4.0	1.0	5.0	0.7	6.0	5.8	7.0	12.0	8.0	15.0	9.0	13.0	10.0	11.3	11.0	13.2	12.0	10.0
201	1902		13.0	7.0	14.0	5.0	15.0	3.0	16.0	3.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1903	17	3.0	0.	4.0	1.0	5.0	4.1	6.0	5.3	7.0	12.2	8.0	13.5	9.0	10.5	10.0	9.9	11.0	9.5	12.0	8.0
201	1903		13.0	7.0	14.0	5.5	15.0	4.5	16.0	3.3	17.0	2.0	18.0	3.7	19.0	0.	0.	0.	0.	0.	0.	0.
200	1904	25	-6.0	0.	-5.0	0.9	-4.0	8.4	-3.0	5.0	-2.0	2.5	-1.0	1.3	0.	0.8	1.0	2.9	2.0	9.4	3.0	13.5
201	1904		4.0	7.8	5.0	8.1	6.0	4.0	7.0	4.6	8.0	4.9	9.0	4.5	10.0	3.9	11.0	3.5	12.0	3.3	13.0	2.5
202	1904		14.0	2.0	15.0	1.6	16.0	1.5	17.0	3.0	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1905	15	3.0	0.	4.0	5.0	5.0	7.3	6.0	7.5	7.0	10.9	8.0	13.6	9.0	11.1	10.0	8.7	11.0	8.7	12.0	7.9
201	1905		13.0	6.0	14.0	4.7	15.0	3.7	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1906	16	3.0	0.	4.0	2.0	5.0	6.0	6.0	10.4	7.0	11.8	8.0	11.5	9.0	9.5	10.0	8.3	11.0	8.5	12.0	8.0
201	1906		13.0	7.0	14.0	5.5	15.0	4.0	16.0	2.8	17.0	4.7	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1907	15	3.0	0.	4.0	1.0	5.0	3.5	6.0	3.5	7.0	11.6	8.0	14.4	9.0	11.4	10.0	10.6	11.0	12.4	12.0	9.1
201	1907		13.0	7.5	14.0	6.0	15.0	4.1	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1908	21	-5.0	0.	-4.0	3.5	-3.0	7.3	-2.0	6.9	-1.0	6.3	0.	7.4	1.0	11.9	2.0	15.3	3.0	11.1	4.0	5.4
201	1908		5.0	6.2	6.0	1.5	7.0	3.1	8.0	2.5	9.0	2.2	10.0	1.4	11.0	1.8	12.0	1.5	13.0	1.2	14.0	3.5
202	1908		15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1909	18	2.0	0.	3.0	1.0	4.0	15.0	5.0	19.1	6.0	9.6	7.0	8.9	8.0	7.8	9.0	5.7	10.0	5.5	11.0	4.9
201	1909		12.0	4.5	13.0	4.0	14.0	3.2	15.0	2.8	16.0	2.3	17.0	1.5	18.0	4.2	19.0	0.	0.	0.	0.	0.
200	1910	16	3.0	0.	4.0	3.0	5.0	5.4	6.0	8.7	7.0	12.9	8.0	14.2	9.0	10.0	10.0	8.4	11.0	8.4	12.0	7.0
201	1910		13.0	6.4	14.0	4.6	15.0	3.7	16.0	2.6	17.0	4.7	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1911	17	3.0	0.	4.0	1.0	5.0	7.8	6.0	9.4	7.0	12.5	8.0	12.6	9.0	9.0	10.0	7.9	11.0	7.8	12.0	8.0
201	1911		13.0	6.5	14.0	5.2	15.0	3.6	16.0	3.0	17.0	2.2	18.0	3.5	19.0	0.	0.	0.	0.	0.	0.	0.
200	1912	15	3.0	0.	4.0	0.4	5.0	2.0	6.0	6.0	7.0	14.3	8.0	16.2	9.0	12.2	10.0	10.1	11.0	9.3	12.0	9.0
201	1912		13.0	7.2	14.0	5.3	15.0	3.7	16.0	4.8	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1913	17	2.0	0.	3.0	2.0	4.0	19.5	5.0	26.7	6.0	8.0	7.0	7.1	8.0	7.3	9.0	4.9	10.0	4.4	11.0	4.4
201	1913		12.0	3.7	13.0	2.7	14.0	2.3	15.0	1.8	16.0	1.5	17.0	3.7	18.0	0.	0.	0.	0.	0.	0.	0.
200	1914	19	-6.0	0.	-5.0	2.0	-4.0	6.0	-3.0	4.9	-2.0	1.1	-1.0	0.2	0.	1.6	1.0	8.0	2.0	15.1	3.0	18.7
201	1914		4.0	21.7	5.0	17.1	6.0	2.6	7.0	1.8	8.0	0.9	9.0	0.7	10.0	0.7	11.0	3.0	12.0	0.	0.	0.
200	1915	20	-1.0	0.	0.	2.0	1.0	3.5	2.0	26.5	3.0	14.0	4.0	5.0	5.0	7.8	6.0	6.5	7.0	6.0	8.0	3.9
201	1915		9.0	3.4	10.0	3.5	11.0	2.9	12.0	2.5	13.0	2.4	14.0	2.1	15.0	1.7	16.0	1.5	17.0	4.8	18.0	0.
200	1917	16	2.0	0.	3.0	3.0	4.0	5.0	5.0	9.8	6.0	9.0	7.0	11.2	8.0	11.8	9.0	9.6	10.0	7.9	11.0	8.2
201	1917		12.0	6.9	13.0	5.6	14.0	4.0	15.0	3.1	16.0	4.9	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1918	23	-6.0	0.	-5.0	3.1	-4.0	7.2	-3.0	7.8	-2.0	4.0	-1.0	2.7	0.	1.5	1.0	3.0	2.0	18.0	3.0	17.3
201	1918		4.0	11.3	5.0	6.8	6.0	2.3	7.0	2.0	8.0	1.9	9.0	1.5	10.0	1.7	11.0	1.4	12.0	1.1	13.0	0.9
202	1918		14.0	0.8	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1919	16	2.0	0.	3.0	2.2	4.0	3.8	5.0	6.2	6.0	9.3	7.0	7.5	8.0	14.5	9.0	10.0	10.0	8.5	11.0	10.0
201	1919		12.0	9.0	13.0	6.0	14.0	5.0	15.0	3.4	16.0	4.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1920	17	2.0	0.	3.0	2.5	4.0	14.5	5.0	12.9	6.0	6.9	7.0	8.7	8.0	8.4	9.0	7.3	10.0	6.2	11.0	7.1
201	1920		12.0	6.0	13.0	4.8	14.0	3.7	15.0	3.4	16.0	2.7	17.0	4.9	18.0	0.	0.	0.	0.	0.	0.	0.
200	1921	7	-1.0	0.	0.	2.0	1.0	45.0	2.0	40.0	3.0	11.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1922	9	-0.5	0.	0.	2.0	0.5	19.0	1.0	32.0	1.5	23.0	2.0	17.0	2.5	5.0	3.0	2.0	3.5	0.	0.	0.
200	1923	7	1.0	0.	1.5	46.0	2.0	45.0	2.5	7.0	3.0	1.0	3.5	1.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1924	15	1.0	0.	2.0	2.2	3.0	3.7	4.0	17.5	5.0	41.2	6.0	7.7	7.0	5.7	8.0	3.7	9.0	4.1	10.0	3.8
201	1924		11.0	3.6	12.0	2.2	13.0	1.6	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1925	18	1.0	0.	2.0	0.5	3.0	1.0	4.0	8.0	5.0	20.9	6.0	10.5	7.0	9.1	8.0	8.9	9.0	7.7	10.0	7.2
201	1925		11.0	6.0	12.0	5.2	13.0	4.0	14.0	3.0	15.0	2.5	16.0	1.9	17.0	3.6	18.0	0.	0.	0.	0.	0.
200	1926	16	2.0	0.	3.0	4.0	4.0	15.5	5.0	19.9	6.0	9.0	7.0	9.0	8.0	7.4	9.0	6.7	10.0	5.8	11.0	5.7
201	1926		12.0	4.4	13.0	3.6	14.0	2.7	15.0	2.0	16.0	4.3	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1927	6	2.5	0.	3.0	4.0	3.5	46.0	4.0	43.0	4.5	7.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1928	16	1.0	0.	2.0	4.3	3.0	4.3	4.0	4.5	5.0	27.5	6.0	16.4	7.0	9.2	8.0	5.4	9.0	6.6	10.0	6.0
201	1928		11.0	4.3	12.0	3.8	13.0	2.3	14.0	1.9	15.0	3.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1929	7	-1.0	0.	0.	2.0	1.0	34.0	2.0	47.0	3.0	12.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1930	7	2.0	0.	2.5	7.0	3.0	34.0	3.5	46.0	4.0	9.0	4.5	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1931	7	0.	0.	1.0	1.0	2.0	11.0	3.0	56.0	4.0	30.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1932	15	3.0	0.	4.0	4.0	5.0	10.3	6.0	16.4	7.0	16.7	8.0	13.8	9.0	7.9	10.0	6.2	11.0	6.7	12.0	5.3
201	1932		13.0	3.9	14.0	3.0	15.0	2.2	16.0	3.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1933	14	0.	0.	1.0	1.5	2.0	13.5	3.0	11.0	4.0	3.8	5.0	34.1	6.0	6.9	7.0	7.4	8.0	7.1	9.0	5.2

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	1933		10.0	3.4	11.0	1.3	12.0	4.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1934	17	-2.0	0.	-1.0	0.5	0.	1.0	1.0	1.0	2.0	3.5	3.0	7.0	4.0	23.5	5.0	31.2	6.0	7.8	7.0	6.2
201	1934		8.0	4.9	9.0	3.5	10.0	2.6	11.0	2.1	12.0	1.8	13.0	3.4	14.0	0.	0.	0.	0.	0.	0.	0.
200	1936	7	-1.0	0.	0.	1.0	1.0	1.0	2.0	45.5	3.0	42.5	4.0	10.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	1937	12	-5.0	0.	-4.0	7.5	-3.0	10.2	-2.0	7.7	-1.0	3.7	0.	3.6	1.0	10.7	2.0	27.2	3.0	24.3	4.0	3.6
201	1937		5.0	1.4	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1938	19	-6.0	0.	-5.0	15.9	-4.0	7.3	-3.0	4.9	-2.0	2.0	-1.0	0.9	0.	0.8	1.0	1.4	2.0	10.2	3.0	28.7
201	1938		4.0	13.0	5.0	6.3	6.0	2.3	7.0	1.3	8.0	0.7	9.0	0.5	10.0	0.5	11.0	3.3	12.0	0.	0.	0.
200	1939	14	1.0	0.	2.0	3.0	3.0	16.0	4.0	37.0	5.0	17.2	6.0	6.4	7.0	4.6	8.0	4.5	9.0	2.7	10.0	2.0
201	1939		11.0	1.6	12.0	1.2	13.0	3.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1940	15	-2.0	0.	-1.0	2.0	0.	0.5	1.0	1.0	2.0	19.0	3.0	23.5	4.0	23.0	5.0	11.8	6.0	5.9	7.0	4.4
201	1940		8.0	3.2	9.0	2.3	10.0	1.1	11.0	2.4	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1941	14	-1.0	0.	0.	0.9	1.0	14.5	2.0	46.1	3.0	15.4	4.0	3.6	5.0	13.4	6.0	2.1	7.0	1.6	8.0	0.1
201	1941		9.0	0.4	10.0	0.4	11.0	1.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1942	7	1.0	0.	1.5	1.0	2.0	59.0	2.5	32.0	3.0	6.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	1943	15	1.0	0.	2.0	0.5	3.0	2.5	4.0	18.0	5.0	24.8	6.0	11.6	7.0	10.0	8.0	7.2	9.0	6.1	10.0	5.4
201	1943		11.0	3.9	12.0	3.3	13.0	2.4	14.0	4.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1944	13	3.0	0.	4.0	33.5	5.0	34.5	6.0	7.2	7.0	5.7	8.0	2.8	9.0	3.2	10.0	2.8	11.0	2.9	12.0	1.8
201	1944		13.0	1.4	14.0	4.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1945	16	2.0	0.	3.0	1.1	4.0	6.7	5.0	16.4	6.0	13.5	7.0	12.6	8.0	10.3	9.0	7.1	10.0	5.7	11.0	8.6
201	1945		12.0	5.5	13.0	4.2	14.0	2.8	15.0	2.2	16.0	3.3	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1946	18	-1.0	0.	0.	3.5	1.0	8.7	2.0	9.8	3.0	12.0	4.0	4.0	5.0	7.1	6.0	9.4	7.0	8.8	8.0	7.9
201	1946		9.0	6.5	10.0	5.9	11.0	4.4	12.0	3.6	13.0	2.7	14.0	2.1	15.0	3.6	16.0	0.	0.	0.	0.	0.
200	1947	16	1.0	0.	2.0	0.5	3.0	4.0	4.0	5.7	5.0	16.9	6.0	12.5	7.0	11.6	8.0	9.8	9.0	8.8	10.0	7.0
201	1947		11.0	6.2	12.0	5.5	13.0	3.8	14.0	2.9	15.0	4.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1948	15	3.0	0.	4.0	3.0	5.0	9.5	6.0	12.1	7.0	10.7	8.0	14.9	9.0	11.0	10.0	8.6	11.0	7.7	12.0	6.8
201	1948		13.0	5.4	14.0	3.8	15.0	2.8	16.0	3.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1949	19	-1.0	0.	0.	0.3	1.0	1.7	2.0	11.1	3.0	8.1	4.0	4.7	5.0	6.1	6.0	7.2	7.0	9.4	8.0	9.9
201	1949		9.0	8.9	10.0	6.9	11.0	6.7	12.0	5.3	13.0	4.5	14.0	3.0	15.0	2.4	16.0	3.8	17.0	0.	0.	0.
200	1950	14	2.0	0.	3.0	3.5	4.0	3.5	5.0	3.9	6.0	6.5	7.0	21.4	8.0	2.8	9.0	1.2	10.0	19.2	11.0	18.0
201	1950		12.0	11.5	13.0	6.5	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1951 A	8	-1.0	0.	0.	5.0	1.0	35.0	2.0	23.0	3.0	20.0	4.0	6.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	1952	16	2.0	0.	3.0	3.0	4.0	13.5	5.0	24.6	6.0	6.8	7.0	9.4	8.0	9.2	9.0	7.0	10.0	5.6	11.0	4.9
201	1952		12.0	4.5	13.0	3.2	14.0	2.6	15.0	2.0	16.0	3.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1953	7	1.5	0.	2.0	4.0	2.5	26.0	3.0	32.0	3.5	34.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	1954	17	0.	0.	1.0	0.8	2.0	6.3	3.0	7.9	4.0	3.0	5.0	12.2	6.0	7.7	7.0	10.1	8.0	10.8	9.0	9.6
201	1954		10.0	8.9	11.0	7.7	12.0	5.4	13.0	3.6	14.0	2.7	15.0	3.3	16.0	0.	0.	0.	0.	0.	0.	0.
200	1955	16	1.0	0.	2.0	1.0	3.0	26.0	4.0	17.0	5.0	7.2	6.0	6.7	7.0	7.4	8.0	8.7	9.0	5.9	10.0	0.1
201	1955		11.0	8.4	12.0	3.6	13.0	2.5	14.0	1.9	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1956	7	-1.0	0.	0.	24.2	1.0	15.8	2.0	14.7	3.0	34.8	4.0	10.5	5.0	0.	0.	0.	0.	0.	0.	0.
200	1957	8	0.	0.	0.5	3.0	1.0	23.0	1.5	38.0	2.0	26.5	2.5	6.5	3.0	3.0	3.5	0.	0.	0.	0.	0.
200	1958	7	0.	0.	1.0	13.0	2.0	54.0	3.0	26.0	4.0	4.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1959	6	0.	0.	1.0	8.0	2.0	73.0	3.0	17.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1960	8	0.5	0.	1.0	1.0	1.5	38.0	2.0	40.0	2.5	15.0	3.0	5.0	3.5	1.0	4.0	0.	0.	0.	0.	0.
200	1961	7	-1.0	0.	0.	9.5	1.0	58.3	2.0	23.8	3.0	5.9	4.0	2.4	5.0	0.	0.	0.	0.	0.	0.	0.
200	1962	8	1.5	0.	2.0	3.0	2.5	11.0	3.0	26.0	3.5	44.0	4.0	11.0	4.5	5.0	5.0	0.	0.	0.	0.	0.
200	1963	9	1.0	0.	1.5	1.0	2.0	1.0	2.5	9.0	3.0	23.0	3.5	41.0	4.0	21.0	4.5	4.0	5.0	0.	0.	0.
200	1964	6	2.5	0.	3.0	9.0	3.5	50.0	4.0	32.0	4.5	9.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1965	8	1.5	0.	2.0	2.0	2.5	12.0	3.0	20.0	3.5	46.0	4.0	12.0	4.5	8.0	5.0	0.	0.	0.	0.	0.
200	1966	17	0.	0.	1.0	2.0	2.0	5.0	3.0	12.0	4.0	27.0	5.0	12.0	6.0	5.9	7.0	6.0	8.0	5.2	9.0	5.9
201	1966		10.0	5.0	11.0	3.2	12.0	3.0	13.0	2.3	14.0	1.6	15.0	3.9	16.0	0.	0.	0.	0.	0.	0.	0.
200	1967	9	-2.0	0.	-1.0	2.0	0.	6.0	1.0	56.0	2.0	20.0	3.0	11.0	4.0	3.0	5.0	2.0	6.0	0.	0.	0.
200	1968	7	0.	0.	1.0	1.0	2.0	26.0	3.0	48.0	4.0	21.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1969	15	2.0	0.	3.0	5.0	4.0	41.0	5.0	17.2	6.0	6.8	7.0	5.4	8.0	3.8	9.0	4.1	10.0	4.3	11.0	3.2
201	1969		12.0	2.4	13.0	1.9	14.0	1.5	15.0	3.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1970	13	2.0	0.	3.0	9.0	4.0	64.0	5.0	9.2	6.0	2.9	7.0	2.3	8.0	1.6	9.0	2.0	10.0	2.2	11.0	1.4
201	1970		12.0	1.2	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1971	8	-1.0	0.	0.	2.0	1.0	1.0	2.0	52.0	3.0	37.0	4.0	6.0	5.0	2.0	6.0	0.	0.	0.	0.	0.
200	1972	16	-1.0	0.	0.	1.0	1.0	25.0	2.0	11.0	3.0	12.0	4.0	18.0	5.0	10.2	6.0	4.6	7.0	3.2	8.0	1.9
201	1972		9.0	2.6	10.0	2.5	11.0	1.8	12.0	1.4	13.0	4.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1973 A	8	-1.0	0.	0.	3.0	1.0	17.0	2.0	51.0	3.0	19.0	4.0	3.0	5.0	7.0	6.0	0.	0.	0.	0.	0.
200	1974	6	-1.0	0.	0.	1.0	1.0	29.0	2.0	66.0	3.0	4.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1975	14	1.0	0.	2.0	2.0	3.0	3.0	4.0	3.0	5.0	12.8	6.0	24.3	7.0	18.3	8.0	10.6	9.0	7.0	10.0	6.2
201	1975		11.0	5.3	12.0	3.1	13.0	4.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1976	13	3.0	0.	4.0	3.0	5.0	19.5	6.0	15.0	7.0	14.1	8.0	12.1	9.0	9.8	10.0	8.1	11.0	7.9	12.0	4.5
201	1976		13.0	3.0	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1977	13	3.0	0.	4.0	1.5	5.0	6.8	6.0	10.9	7.0	14.4	8.0	15.6	9.0	13.5	10.0	11.2	11.0	11.1	12.0	7.0
201	1977		13.0	4.0	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1978	13	3.0	0.	4.0	3.3	5.0	2.3	6.0	5.8	7.0	8.6	8.0	14.5	9.0	17.2	10.0	15.2	11.0	15.0	12.0	9.1
201	1978		13.0	5.0	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1979	14	3.0	0.	4.0	1.8	5.0	2.5	6.0	4.9	7.0	7.0	8.0	12.5	9.0	16.6	10.0	15.1	11.0	14.8	12.0	11.0
201	1979		13.0	7.0	14.0	3.9	15.0	2.9	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1980	13	3.0	0.	4.0	0.2	5.0	3.1	6.0	7.6	7.0	10.3	8.0	15.1	9.0	16.0	10.0	14.5	11.0	14.2	12.0	9.0
201	1980		13.0	5.6	14.0	4.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1981	14	3.0	0.	4.0	1.0	5.0	8.0	6.0	11.2	7.0	10.8	8.0	13.4	9.0	12.6	10.0	11.2	11.0	11.8	12.0	8.0
201	1981		13.0	5.4	14.0	3.3	15.0	3.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1982	17	1.0	0.	2.0	1.0	3.0	25.5	4.0	8.5	5.0	4.1	6.0	7.0	7.0	8.0	8.0	9.6	9.0	9.1	10.0	7.7
201	1982		11.0	3.5	12.0	4.3	13.0	3.5	14.0	2.7	15.0	1.9	16.0	3.6	17.0	0.	0.	0.	0.	0.	0.	0.
200	1983	7	0.	0.	1.0	1.0	2.0	46.0	3.0	50.0	4.0	1.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1984	13	3.0	0.	4.0	1.4	5.0	7.6	6.0	9.9	7.0	11.9	8.0	14.0	9.0	14.5	10.0	11.9	11.0	11.5	12.0	7.5
201	1984		13.0	5.0	14.0	4.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1985	7	0.	0.	1.0	1.0	2.0	13.0	3.0	50.0	4.0	26.0	5.0	10.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	1986	14	3.0	0.	4.0	3.2	5.0	20.0	6.0	15.3	7.0	10.9	8.0	10.2	9.0	9.2	10.0	8.8	11.0	7.1	12.0	5.3
201	1986		13.0	3.9	14.0	2.5	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1987	15	2.0	0.	3.0	1.0	4.0	16.0	5.0	25.8	6.0	12.0	7.0	7.9	8.0	7.3	9.0	7.4	10.0	5.0	11.0	5.1
201	1987		12.0	3.9	13.0	2.8	14.0	2.1	15.0	3.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1988	14	-1.0	0.	0.	6.0	1.0	41.0	2.0	15.0	3.0	14.0	4.0	1.0	5.0	12.1	6.0	1.9	7.0	1.8	8.0	1.5
201	1988		9.0	1.4	10.0	1.3	11.0	3.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1989	14	1.0	0.	2.0	2.0	3.0	10.0	4.0	1.0	5.0	18.4	6.0	23.4	7.0	16.1	8.0	9.3	9.0	6.3	10.0	4.0
201	1989		11.0	3.7	12.0	2.2	13.0	3.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	1990	12	2.0	0.	3.0	4.0	4.0	30.0	5.0	37.1	6.0	7.6	7.0	5.3	8.0	4.2	9.0	3.3	10.0	2.3	11.0	2.2
201	1990		12.0	4.0	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1991	13	3.0	0.	4.0	28.0	5.0	34.8	6.0	9.5	7.0	6.0	8.0	4.7	9.0	3.7	10.0	3.3	11.0	2.5	12.0	1.9
201	1991		13.0	1.6	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1992	14	2.0	0.	3.0	1.0	4.0	8.0	5.0	19.2	6.0	18.3	7.0	12.7	8.0	11.4	9.0	8.0	10.0	6.2	11.0	6.1
201	1992		12.0	3.8	13.0	2.2	14.0	3.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1993	12	2.0	0.	3.0	6.0	4.0	27.0	5.0	41.8	6.0	7.2	7.0	4.6	8.0	3.8	9.0	2.6	10.0	1.9	11.0	1.6
201	1993		12.0	3.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1994	11	-4.0	0.	-3.0	9.2	-2.0	8.8	-1.0	5.9	0.	1.1	1.0	5.0	2.0	35.0	3.0	19.0	4.0	8.0	5.0	8.0
201	1994		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1995	6	1.0	0.	2.0	12.0	3.0	44.0	4.0	36.0	5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1996	9	-2.0	0.	-1.0	2.0	0.	8.0	1.0	56.0	2.0	18.0	3.0	7.0	4.0	7.0	5.0	2.0	6.0	0.	0.	0.
200	1997	6	1.0	0.	2.0	2.0	3.0	41.0	4.0	53.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	1998	8	1.0	0.	1.5	1.0	2.0	1.0	2.5	9.0	3.0	25.0	3.5	55.0	4.0	9.0	4.5	0.	0.	0.	0.	0.
200	1999	5	2.5	0.	3.0	23.0	3.5	57.0	4.0	20.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2000	7	0.	0.	1.0	4.0	2.0	66.0	3.0	24.0	4.0	4.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2001	13	3.0	0.	4.0	33.0	5.0	23.3	6.0	4.7	7.0	6.9	8.0	6.8	9.0	5.3	10.0	5.0	11.0	5.0	12.0	3.3
201	2001		13.0	2.6	14.0	4.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2002	7	0.	0.	1.0	1.0	2.0	42.0	3.0	50.0	4.0	5.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2003	7	0.	0.	1.0	3.0	2.0	47.0	3.0	45.0	4.0	3.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2004	7	0.	0.	1.0	50.0	2.0	38.0	3.0	4.0	4.0	3.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2005	12	0.	0.	0.5	1.0	1.0	1.0	1.5	2.0	2.0	16.0	2.5	24.0	3.0	21.0	3.5	18.0	4.0	11.0	4.5	5.0
201	2005		5.0	1.0	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2006	9	1.0	0.	1.5	1.0	2.0	27.0	2.5	27.0	3.0	26.0	3.5	12.0	4.0	4.0	4.5	3.0	5.0	0.	0.	0.
200	2007	9	0.5	0.	1.0	1.0	1.5	7.0	2.0	31.0	2.5	28.0	3.0	17.0	3.5	12.0	4.0	4.0	4.5	0.	0.	0.
200	2008	12	2.0	0.	3.0	10.0	4.0	43.0	5.0	18.0	6.0	5.2	7.0	5.2	8.0	5.4	9.0	4.4	10.0	3.0	11.0	2.1
201	2008		12.0	3.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2009	9	0.	0.	0.5	2.0	1.0	13.0	1.5	33.0	2.0	29.0	2.5	14.0	3.0	5.0	3.5	4.0	4.0	0.	0.	0.
200	2010	8	0.	0.	0.5	1.0	1.0	3.5	1.5	35.5	2.0	37.0	2.5	20.0	3.0	3.0	3.5	0.	0.	0.	0.	0.
200	2011	7	2.0	0.	2.5	10.0	3.0	46.0	3.5	36.0	4.0	5.0	4.5	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2025	6	-1.0	0.	0.	3.0	1.0	47.0	2.0	44.0	3.0	6.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2026	6	0.	0.	1.0	2.0	2.0	62.0	3.0	32.0	4.0	4.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2027 A	9	-2.0	0.	-1.0	3.0	0.	12.0	1.0	15.0	2.0	18.0	3.0	19.0	4.0	26.0	5.0	7.0	6.0	0.	0.	0.
200	2028	7	1.5	0.	2.0	1.0	2.5	20.0	3.0	34.0	3.5	40.0	4.0	5.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	2029	6	0.	0.	1.0	4.0	2.0	68.0	3.0	27.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2030	7	-1.0	0.	0.	3.0	1.0	17.0	2.0	65.0	3.0	13.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2031	8	-2.0	0.	-1.0	4.0	0.	12.0	1.0	46.0	2.0	28.0	3.0	6.0	4.0	4.0	5.0	0.	0.	0.	0.	0.
200	2032	8	-2.0	0.	-1.0	5.0	0.	36.0	1.0	43.0	2.0	12.0	3.0	3.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	2033	7	-1.0	0.	0.	3.0	1.0	31.0	2.0	57.0	3.0	8.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2034	8	-2.0	0.	-1.0	1.0	0.	6.0	1.0	40.0	2.0	47.0	3.0	5.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	2035	8	-2.0	0.	-1.0	1.0	0.	2.0	1.0	22.0	2.0	63.0	3.0	11.0	4.0	1.0	5.0	0.	0.	0.	0.	0.
200	2036	7	-1.0	0.	0.	3.0	1.0	25.0	2.0	62.0	3.0	9.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2038	6	2.0	0.	2.5	38.0	3.0	44.0	3.5	17.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2039	6	0.	0.	1.0	1.0	2.0	63.0	3.0	35.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2040 A	8	1.0	0.	1.5	2.0	2.0	25.0	2.5	36.0	3.0	28.0	3.5	8.0	4.0	1.0	4.5	0.	0.	0.	0.	0.
200	2041	7	1.5	0.	2.0	4.0	2.5	32.0	3.0	35.0	3.5	27.0	4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	2042	7	0.	0.	1.0	2.0	2.0	51.0	3.0	42.0	4.0	4.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2043	7	-1.0	0.	0.	2.0	1.0	23.0	2.0	60.0	3.0	13.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2044	8	1.5	0.	2.0	2.0	2.5	28.0	3.0	39.0	3.5	27.0	4.0	3.0	4.5	1.0	5.0	0.	0.	0.	0.	0.
200	2045	7	-1.0	0.	0.	1.0	1.0	1.0	2.0	10.0	3.0	58.0	4.0	30.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2046	7	-1.0	0.	0.	6.0	1.0	40.0	2.0	44.0	3.0	5.0	4.0	5.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2047	8	1.5	0.	2.0	4.0	2.5	41.0	3.0	39.0	3.5	12.0	4.0	1.0	4.5	3.0	5.0	0.	0.	0.	0.	0.
200	2048	7	2.0	0.	2.5	17.0	3.0	47.0	3.5	30.0	4.0	5.0	4.5	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2049 A	8	-1.0	0.	0.	1.0	1.0	7.0	2.0	9.0	3.0	31.0	4.0	45.0	5.0	7.0	6.0	0.	0.	0.	0.	0.
200	2050	7	0.	0.	1.0	2.0	2.0	6.0	3.0	30.0	4.0	58.0	5.0	4.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2051	7	2.0	0.	2.5	7.0	3.0	43.0	3.5	43.0	4.0	5.0	4.5	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2052	7	-1.0	0.	0.	2.0	1.0	38.0	2.0	51.0	3.0	8.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2053	6	0.	0.	1.0	2.0	2.0	63.0	3.0	34.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2054	7	-1.0	0.	0.	2.0	1.0	28.0	2.0	63.0	3.0	6.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2055	7	-1.0	0.	0.	5.0	1.0	45.0	2.0	40.0	3.0	8.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2056	7	0.	0.	1.0	3.0	2.0	12.0	3.0	34.0	4.0	48.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2057	9	-2.0	0.	-1.0	1.0	0.	8.0	1.0	26.0	2.0	25.0	3.0	13.0	4.0	23.0	5.0	4.0	6.0	0.	0.	0.
200	2058	6	0.	0.	1.0	7.0	2.0	68.0	3.0	24.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2059	7	0.	0.	1.0	1.0	2.0	27.0	3.0	37.0	4.0	30.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2060	7	0.	0.	1.0	1.0	2.0	29.0	3.0	59.0	4.0	10.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2061	7	2.0	0.	2.5	11.0	3.0	35.0	3.5	44.0	4.0	6.0	4.5	4.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2062	9	1.0	0.	1.5	2.0	2.0	6.0	2.5	37.0	3.0	33.0	3.5	14.0	4.0	4.0	4.5	4.0	5.0	0.	0.	0.
200	2063 A	8	-1.0	0.	0.	2.0	1.0	1.0	2.0	16.0	3.0	65.0	4.0	15.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	2064	6	0.	0.	1.0	5.0	2.0	63.0	3.0	30.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2065 A	8	-2.0	0.	-1.0	1.0	0.	2.0	1.0	34.0	2.0	46.0	3.0	14.0	4.0	3.0	5.0	0.	0.	0.	0.	0.
200	2069	13	2.0	0.	3.0	1.5	4.0	5.5	5.0	16.7	6.0	16.0	7.0	14.9	8.0	13.0	9.0	10.7	10.0	8.3	11.0	5.9
201	2069		12.0	3.5	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2070	14	2.0	0.	3.0	10.0	4.0	1.5	5.0	13.6	6.0	10.2	7.0	11.5	8.0	12.8	9.0	11.1	10.0	9.3	11.0	8.0
201	2070		12.0	5.1	13.0	3.4	14.0	3.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2071	14	2.0	0.	3.0	1.0	4.0	5.0	5.0	10.0	6.0	10.8	7.0	12.5	8.0	14.9	9.0	12.6	10.0	10.0	11.0	9.7
201	2071		12.0	6.1	13.0	3.7	14.0	3.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2072	13	2.0	0.	3.0	1.0	4.0	7.0	5.0	13.0	6.0	10.4	7.0	9.5	8.0	13.5	9.0	11.1	10.0	14.0	11.0	10.2
201	2072		12.0	5.5	13.0	4.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2073	15	2.0	0.	3.0	3.0	4.0	7.0	5.0	15.1	6.0	10.0	7.0	9.0	8.0	12.1	9.0	11.1	10.0	9.7	11.0	7.7
201	2073		12.0	5.5	13.0	4.0	14.0	2.6	15.0	3.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2074 A	14	2.0	0.	3.0	5.0	4.0	32.0	5.0	15.9	6.0	6.3	7.0	6.0	8.0	6.6	9.0	6.2	10.0	6.9	11.0	5.1
201	2074 A		12.0	3.7	13.0	2.4	14.0	3.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2075	15	2.0	0.	3.0	4.0	4.0	17.0	5.0	12.2	6.0	7.7	7.0	9.3	8.0	12.3	9.0	10.1	10.0	8.7	11.0	6.1
201	2075		12.0	4.3	13.0	3.1	14.0	2.1	15.0	3.1	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2076	14	2.0	0.	3.0	1.0	4.0	3.0	5.0	9.8	6.0	13.6	7.0	18.0	8.0	17.3	9.0	11.2	10.0	8.6	11.0	7.3
201	2076		12.0	4.2	13.0	2.8	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2077	13	2.0	0.	3.0	3.0	4.0	14.0	5.0	13.6	6.0	13.0	7.0	14.2	8.0	11.7	9.0	8.6	10.0	6.6	11.0	6.8
201	2077		12.0	3.5	13.0	5.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2078	14	2.0	0.	3.0	5.0	4.0	27.0	5.0	24.8	6.0	9.5	7.0	6.2	8.0	5.4	9.0	5.2	10.0	4.8	11.0	3.0
201	2078		12.0	2.8	13.0	1.9	14.0	4.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2079	13	3.0	0.	4.0	2.1	5.0	6.3	6.0	13.3	7.0	17.2	8.0	16.1	9.0	13.1	10.0	10.5	11.0	8.7	12.0	5.9
201	2079		13.0	3.6	14.0	3.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2080	7	0.	0.	1.0	2.0	2.0	53.0	3.0	35.0	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2081	8	-1.0	0.	0.	5.0	1.0	7.0	2.0	28.0	3.0	31.0	4.0	21.0	5.0	8.0	6.0	0.	0.	0.	0.	0.
200	2082	13	2.0	0.	3.0	6.0	4.0	23.0	5.0	20.0	6.0	12.0	7.0	8.2	8.0	7.3	9.0	6.7	10.0	5.3	11.0	3.9
201	2082		12.0	2.9	13.0	4.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2083	13	2.0	0.	3.0	4.0	4.0	22.0	5.0	20.4	6.0	13.6	7.0	10.0	8.0	8.3	9.0	6.0	10.0	4.7	11.0	4.4
201	2083		12.0	2.7	13.0	3.9	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2084	13	3.0	0.	4.0	2.6	5.0	5.2	6.0	12.4	7.0	17.6	8.0	17.8	9.0	12.3	10.0	11.1	11.0	7.2	12.0	5.6
201	2084		13.0	4.0	14.0	4.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2085	14	3.0	0.	4.0	4.7	5.0	9.5	6.0	9.4	7.0	11.9	8.0	13.6	9.0	12.2	10.0	10.7	11.0	11.5	12.0	6.2
201	2085		13.0	4.7	14.0	2.8	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2086	14	3.0	0.	4.0	5.6	5.0	6.9	6.0	11.7	7.0	11.1	8.0	14.4	9.0	12.2	10.0	10.8	11.0	9.6	12.0	6.8
201	2086		13.0	4.9	14.0	2.0	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2087	14	2.0	0.	3.0	1.0	4.0	6.0	5.0	12.5	6.0	10.4	7.0	11.8	8.0	13.2	9.0	12.0	10.0	10.1	11.0	8.8
201	2087		12.0	6.1	13.0	3.6	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2088	13	3.0	0.	4.0	8.0	5.0	7.1	6.0	10.0	7.0	11.2	8.0	13.6	9.0	12.9	10.0	10.7	11.0	10.6	12.0	6.9
201	2088		13.0	4.5	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2089	13	3.0	0.	4.0	1.6	5.0	5.7	6.0	13.7	7.0	16.3	8.0	16.9	9.0	14.3	10.0	9.9	11.0	9.4	12.0	5.8
201	2089		13.0	3.3	14.0	3.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2090	13	3.0	0.	4.0	5.6	5.0	13.0	6.0	13.8	7.0	13.3	8.0	14.0	9.0	11.5	10.0	8.7	11.0	7.6	12.0	5.2
201	2090		13.0	3.4	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2091	13	3.0	0.	4.0	7.9	5.0	12.0	6.0	14.8	7.0	14.9	8.0	15.4	9.0	10.7	10.0	8.3	11.0	6.1	12.0	4.5
201	2091		13.0	2.5	14.0	2.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2092	13	0.	0.	1.0	1.0	2.0	2.0	3.0	13.0	4.0	34.0	5.0	30.0	6.0	6.5	7.0	4.4	8.0	4.0	9.0	1.7
201	2092		10.0	1.5	11.0	1.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2093	13	3.0	0.	4.0	4.2	5.0	11.0	6.0	13.4	7.0	14.4	8.0	14.7	9.0	11.9	10.0	9.5	11.0	7.7	12.0	5.3
201	2093		13.0	3.8	14.0	4.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2094	13	3.0	0.	4.0	1.2	5.0	4.3	6.0	12.7	7.0	14.9	8.0	17.2	9.0	14.4	10.0	10.6	11.0	9.7	12.0	6.7
201	2094		13.0	4.1	14.0	4.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2095	13	3.0	0.	4.0	7.2	5.0	7.9	6.0	11.5	7.0	12.1	8.0	14.9	9.0	13.3	10.0	10.7	11.0	8.4	12.0	6.0
201	2095		13.0	3.9	14.0	4.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2096	13	3.0	0.	4.0	3.3	5.0	5.3	6.0	10.2	7.0	12.4	8.0	16.1	9.0	15.2	10.0	11.7	11.0	11.2	12.0	6.8
201	2096		13.0	4.3	14.0	3.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2097	13	3.0	0.	4.0	2.7	5.0	7.6	6.0	10.3	7.0	13.7	8.0	15.6	9.0	13.8	10.0	11.4	11.0	9.7	12.0	6.5
201	2097		13.0	4.6	14.0	4.1	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2098	13	3.0	0.	4.0	3.6	5.0	10.6	6.0	9.9	7.0	13.9	8.0	16.0	9.0	13.8	10.0	10.2	11.0	8.5	12.0	5.9
201	2098		13.0	3.8	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2099	13	3.0	0.	4.0	6.4	5.0	8.0	6.0	12.1	7.0	14.1	8.0	16.0	9.0	13.3	10.0	10.3	11.0	8.6	12.0	5.2
201	2099		13.0	3.2	14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2100	14	1.0	0.	2.0	5.0	3.0	16.0	4.0	25.0	5.0	16.6	6.0	6.5	7.0	5.8	8.0	5.3	9.0	5.0	10.0	4.2
201	2100		11.0	3.4	12.0	2.3	13.0	4.9	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2101	13	3.0	0.	4.0	4.8	5.0	18.2	6.0	12.6	7.0	16.7	8.0	12.8	9.0	10.8	10.0	7.6	11.0	6.5	12.0	4.8
201	2101		13.0	2.4	14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2102 A	14	1.0	0.	2.0	3.0	3.0	17.0	4.0	22.0	5.0	25.8	6.0	7.4	7.0	5.7	8.0	4.9	9.0	4.3	10.0	3.2
201	2102 A		11.0	1.6	12.0	1.5	13.0	3.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2103	12	1.0	0.	2.0	15.0	3.0	31.0	4.0	31.0	5.0	7.9	6.0	3.0	7.0	1.6	8.0	2.4	9.0	2.1	10.0	3.0
201	2103		11.0	3.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2104	6	0.	0.	1.0	20.0	2.0	65.0	3.0	14.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2105	7	-1.0	0.	0.	1.0	1.0	34.0	2.0	51.0	3.0	12.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2106	7	-1.0	0.	0.	2.0	1.0	5.0	2.0	51.0	3.0	35.0	4.0	7.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2107	13	2.0	0.	3.0	1.0	4.0	1.0	5.0	21.6	6.0	15.5	7.0	14.3	8.0	13.4	9.0	10.3	10.0	7.9	11.0	7.9
201	2107		12.0	3.8	13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2108	14	3.0	0.	4.0	1.9	5.0	5.7	6.0	12.6	7.0	13.9	8.0	15.9	9.0	12.9	10.0	11.8	11.0	9.3	12.0	6.8
201	2108		13.0	4.2	14.0	2.6	15.0	2.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2109 A	15	1.0	0.	2.0	1.0	3.0	4.0	4.0	7.0	5.0	9.5	6.0	10.3	7.0	11.5	8.0	13.3	9.0	12.1	10.0	10.2
201	2109 A		11.0	7.9	12.0	5.7	13.0	3.7	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2110	14	3.0	0.	4.0	7.2	5.0	7.9	6.0	8.5	7.0	11.0	8.0	13.7	9.0	12.8	10.0	10.8	11.0	8.6	12.0	7.2
201	2110		13.0	5.3	14.0	3.3	15.0	3.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2111	13	3.0	0.	4.0	5.3	5.0	9.3	6.0	11.5	7.0	12.1	8.0	14.9	9.0	13.5	10.0	11.8	11.0	10.0	12.0	5.9
201	2111		13.0	3.4	14.0	2.3	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2112	15	3.0	0.	4.0	4.0	5.0	7.5	6.0	9.8	7.0	10.9	8.0	12.2	9.0	10.9	10.0	9.6	11.0	9.6	12.0	8.1
201	2112		13.0	6.0	14.0	4.2	15.0	2.8	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2113	13	3.0	0.	4.0	6.7	5.0	8.1	6.0	10.6	7.0	12.0	8.0	12.8	9.0	13.4	10.0	11.4	11.0	9.0	12.0	7.0
201	2113		13.0	4.4	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2114	13	3.0	0.	4.0	2.9	5.0	10.6	6.0	16.0	7.0	16.2	8.0	14.2	9.0	11.3	10.0	8.9	11.0	8.1	12.0	5.1
201	2114		13.0	3.1	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2115	14	3.0	0.	4.0	8.0	5.0	9.5	6.0	10.6	7.0	11.1	8.0	12.4	9.0	12.0	10.0	10.7	11.0	9.5	12.0	6.8
201	2115		13.0	4.3	14.0	2.5	15.0	2.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2116	15	2.0	0.	3.0	3.0	4.0	9.0	5.0	13.2	6.0	8.2	7.0	8.2	8.0	11.3	9.0	9.8	10.0	9.6	11.0	8.7
201	2116		12.0	6.9	13.0	5.0	14.0	3.3	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2117	13	3.0	0.	4.0	7.1	5.0	4.3	6.0	5.8	7.0	7.7	8.0	15.4	9.0	14.4	10.0	14.2	11.0	12.6	12.0	8.5
201	2117		13.0	5.1	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2118	14	3.0	0.	4.0	6.3	5.0	3.4	6.0	5.8	7.0	7.8	8.0	14.1	9.0	14.1	10.0	13.8	11.0	12.7	12.0	9.9
201	2118		13.0	6.3	14.0	3.4	15.0	2.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2119	14	3.0	0.	4.0	8.5	5.0	4.7	6.0	5.7	7.0	8.5	8.0	15.3	9.0	14.2	10.0	12.2	11.0	12.4	12.0	7.5
201	2119		13.0	5.2	14.0	3.0	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2120	12	2.0	0.	3.0	2.5	4.0	2.8	5.0	12.7	6.0	10.3	7.0	16.7	8.0	20.4	9.0	13.6	10.0	11.3	11.0	5.7
201	2120		12.0	4.0	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2121	15	2.0	0.	3.0	2.0	4.0	3.8	5.0	9.3	6.0	8.6	7.0	9.8	8.0	11.0	9.0	11.3	10.0	10.5	11.0	10.4
201	2121		12.0	8.1	13.0	6.2	14.0	4.1	15.0	4.9	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2122	15	1.0	0.	2.0	1.4	3.0	1.7	4.0	11.9	5.0	31.5	6.0	13.4	7.0	8.0	8.0	6.3	9.0	6.6	10.0	6.5
201	2122		11.0	4.2	12.0	2.9	13.0	2.2	14.0	3.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2123	15	1.0	0.	2.0	1.6	3.0	2.9	4.0	18.2	5.0	36.6	6.0	9.7	7.0	5.8	8.0	4.2	9.0	4.5	10.0	4.9
201	2123		11.0	2.6	12.0	2.4	13.0	1.9	14.0	4.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2124	16	2.0	0.	3.0	2.7	4.0	7.1	5.0	12.7	6.0	11.0	7.0	11.4	8.0	10.2	9.0	7.9	10.0	7.6	11.0	7.4
201	2124		12.0	6.3	13.0	4.9	14.0	3.8	15.0	2.6	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2125	16	2.0	0.	3.0	1.6	4.0	6.1	5.0	13.5	6.0	6.8	7.0	10.8	8.0	9.7	9.0	9.8	10.0	9.5	11.0	9.3
201	2125		12.0	6.2	13.0	5.4	14.0	4.3	15.0	2.6	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2127	16	2.0	0.	3.0	2.0	4.0	4.2	5.0	6.1	6.0	20.2	7.0	10.3	8.0	9.4	9.0	8.5	10.0	9.2	11.0	7.6

CODE #	STATION #		NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	2127			12.0	6.8	13.0	5.4	14.0	4.0	15.0	2.6	16.0	4.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.
200	2128		15	3.0	0.	4.0	0.9	5.0	10.1	6.0	14.7	7.0	14.2	8.0	9.3	9.0	8.9	10.0	9.1	11.0	8.8	12.0	6.8
201	2128			13.0	5.7	14.0	4.0	15.0	3.1	16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2129		15	1.0	0.	2.0	0.8	3.0	3.8	4.0	10.2	5.0	38.9	6.0	14.7	7.0	7.5	8.0	4.2	9.0	3.9	10.0	5.2
201	2129			11.0	2.6	12.0	2.5	13.0	1.9	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2130		16	2.0	0.	3.0	2.4	4.0	4.9	5.0	10.0	6.0	15.8	7.0	11.1	8.0	9.2	9.0	9.1	10.0	9.9	11.0	6.6
201	2130			12.0	6.4	13.0	5.0	14.0	3.6	15.0	2.7	16.0	3.3	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2131		17	1.0	0.	2.0	0.9	3.0	2.1	4.0	5.5	5.0	32.7	6.0	18.1	7.0	9.7	8.0	5.3	9.0	4.3	10.0	5.1
201	2131			11.0	3.9	12.0	2.8	13.0	2.4	14.0	1.8	15.0	1.6	16.0	3.8	17.0	0.	0.	0.	0.	0.	0.	0.
200	2132	A	20	-2.0	0.	-1.0	3.9	0.	0.5	1.0	1.5	2.0	7.0	3.0	14.0	4.0	24.0	5.0	11.9	6.0	6.0	7.0	4.6
201	2132	A		8.0	3.7	9.0	3.6	10.0	4.1	11.0	2.7	12.0	2.5	13.0	2.0	14.0	1.8	15.0	1.2	16.0	5.0	17.0	0.
200	2132	B	16	1.0	0.	2.0	2.8	3.0	7.2	4.0	12.0	5.0	13.6	6.0	8.7	7.0	8.4	8.0	8.5	9.0	8.9	10.0	7.4
201	2132	B		11.0	6.5	12.0	5.3	13.0	3.7	14.0	2.7	15.0	4.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2133		14	3.0	0.	4.0	0.3	5.0	2.3	6.0	6.8	7.0	14.5	8.0	12.7	9.0	13.7	10.0	13.4	11.0	13.3	12.0	10.3
201	2133			13.0	6.2	14.0	3.7	15.0	2.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2134		11	3.0	0.	4.0	1.2	5.0	7.4	6.0	8.7	7.0	16.9	8.0	27.1	9.0	15.7	10.0	9.8	11.0	8.5	12.0	4.7
201	2134			13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2135		15	2.0	0.	3.0	2.2	4.0	5.2	5.0	4.3	6.0	7.4	7.0	10.8	8.0	11.1	9.0	12.0	10.0	11.9	11.0	12.9
201	2135			12.0	8.4	13.0	6.0	14.0	3.8	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2136		19	-1.0	0.	0.	0.3	1.0	1.0	2.0	3.7	3.0	3.8	4.0	3.4	5.0	7.7	6.0	6.2	7.0	9.8	8.0	9.6
201	2136			9.0	10.5	10.0	9.3	11.0	9.2	12.0	7.8	13.0	5.5	14.0	4.4	15.0	3.1	16.0	4.7	17.0	0.	0.	0.
200	2137		13	2.0	0.	3.0	2.2	4.0	6.5	5.0	18.8	6.0	15.4	7.0	14.7	8.0	11.3	9.0	10.4	10.0	7.5	11.0	6.0
201	2137			12.0	3.5	13.0	3.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2138		13	1.0	0.	2.0	2.8	3.0	8.2	4.0	24.5	5.0	32.8	6.0	7.0	7.0	4.9	8.0	4.1	9.0	4.4	10.0	3.6
201	2138			11.0	2.1	12.0	4.6	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2139		12	1.0	0.	2.0	10.5	3.0	28.5	4.0	31.0	5.0	20.5	6.0	2.1	7.0	1.5	8.0	1.3	9.0	1.3	10.0	0.8
201	2139			11.0	2.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2140		13	3.0	0.	4.0	3.9	5.0	18.5	6.0	13.1	7.0	11.3	8.0	11.4	9.0	11.9	10.0	10.0	11.0	7.4	12.0	5.5
201	2140			13.0	4.3	14.0	3.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2141		13	3.0	0.	4.0	5.5	5.0	18.6	6.0	12.5	7.0	11.8	8.0	11.3	9.0	12.5	10.0	10.1	11.0	7.0	12.0	4.8
201	2141			13.0	3.0	14.0	2.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2142		16	0.	0.	1.0	0.5	2.0	3.0	3.0	7.0	4.0	10.5	5.0	15.1	6.0	8.6	7.0	8.8	8.0	9.4	9.0	10.8
201	2142			10.0	8.9	11.0	6.4	12.0	4.5	13.0	2.8	14.0	3.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2143		14	3.0	0.	4.0	1.6	5.0	5.8	6.0	7.0	7.0	12.6	8.0	19.6	9.0	11.9	10.0	10.1	11.0	9.4	12.0	7.5
201	2143			13.0	6.0	14.0	3.9	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2144		12	3.0	0.0	4.0	0.6	5.0	3.8	6.0	8.6	7.0	17.5	8.0	21.9	9.0	17.4	10.0	11.1	11.0	11.1	12.0	5.3
201	2144			13.0	3.7	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2145		12	3.0	0.0	4.0	0.8	5.0	3.8	6.0	11.4	7.0	19.0	8.0	23.8	9.0	16.1	10.0	10.4	11.0	7.7	12.0	4.2
201	2145			13.0	2.8	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2146		13	3.0	0.0	4.0	1.8	5.0	6.6	6.0	9.9	7.0	14.6	8.0	11.6	9.0	13.2	10.0	15.1	11.0	10.9	12.0	7.7
201	2146			13.0	4.8	14.0	3.8	15.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2147		12	3.0	0.0	4.0	1.8	5.0	8.6	6.0	13.1	7.0	14.5	8.0	10.7	9.0	12.8	10.0	22.2	11.0	10.3	12.0	4.6
201	2147			13.0	1.4	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2148		13	2.0	0.	3.0	1.4	4.0	6.7	5.0	19.4	6.0	13.7	7.0	16.9	8.0	12.5	9.0	9.2	10.0	7.9	11.0	5.9
201	2148			12.0	3.2	13.0	3.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2149		7	0.	0.	1.0	4.0	2.0	31.0	3.0	39.0	4.0	24.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2150	A	13	0.	0.	1.0	0.3	2.0	9.7	3.0	13.0	4.0	17.0	5.0	10.6	6.0	6.4	7.0	5.6	8.0	6.4	9.0	7.0
201	2150	A		10.0	6.3	11.0	17.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2151		13	3.0	0.	4.0	1.3	5.0	8.1	6.0	12.1	7.0	14.9	8.0	14.3	9.0	11.5	10.0	15.6	11.0	9.5	12.0	6.2
201	2151			13.0	3.6	14.0	2.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2152		13	1.0	0.	2.0	0.9	3.0	9.1	4.0	33.0	5.0	16.9	6.0	5.9	7.0	8.0	8.0	7.6	9.0	6.2	10.0	5.0
201	2152			11.0	3.2	12.0	4.2	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2153		16	-1.0	0.	0.	0.8	1.0	2.7	2.0	4.5	3.0	6.5	4.0	11.0	5.0	15.6	6.0	8.8	7.0	9.3	8.0	11.7
201	2153			9.0	10.5	10.0	7.8	11.0	4.3	12.0	3.2	13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2154		14	2.0	0.	3.0	3.6	4.0	6.3	5.0	4.4	6.0	8.4	7.0	10.9	8.0	14.5	9.0	10.8	10.0	16.6	11.0	10.8
201	2154			12.0	6.6	13.0	4.0	14.0	3.4	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2155		13	3.0	0.0	4.0	1.6	5.0	3.1	6.0	8.7	7.0	11.2	8.0	18.6	9.0	17.0	10.0	11.5	11.0	11.3	12.0	7.8
201	2155			13.0	4.7	14.0	4.5	15.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2156		16	0.	0.	1.0	0.9	2.0	5.1	3.0	6.4	4.0	5.1	5.0	10.0	6.0	8.7	7.0	8.7	8.0	13.4	9.0	13.3
201	2156			10.0	10.0	11.0	7.4	12.0	5.0	13.0	3.2	14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2157		11	4.0	0.	5.0	11.1	6.0	13.1	7.0	14.7	8.0	16.3	9.0	15.1	10.0	9.8	11.0	8.5	12.0	5.1	13.0	4.3
201	2157			14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2158		12	4.0	0.	5.0	13.5	6.0	14.0	7.0	15.2	8.0	14.7	9.0	12.9	10.0	8.4	11.0	7.9	12.0	4.8	13.0	2.9
201	2158			14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2159		12	3.0	0.	4.0	3.4	5.0	17.2	6.0	15.9	7.0	15.3	8.0	12.6	9.0	11.8	10.0	9.4	11.0	7.4	12.0	3.7
201	2159			13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2160		15	-1.0	0.	0.	0.5	1.0	0.1	2.0	11.7	3.0	10.9	4.0	16.8	5.0	16.5	6.0	7.5	7.0	7.8	8.0	8.7
201	2160			9.0	7.0	10.0	4.7	11.0	3.4	12.0	4.4	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2161		12	3.0	0.	4.0	4.7	5.0	18.4	6.0	17.1	7.0	16.8	8.0	19.4	9.0	4.8	10.0	8.3	11.0	5.3	12.0	2.9
201	2161			13.0	2.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2162		12	3.0	0.0	4.0	8.0	5.0	11.7	6.0	12.6	7.0	15.6	8.0	16.9	9.0	15.7	10.0	9.1	11.0	7.6	12.0	4.6
201	2162			13.0	4.9	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2163		13	3.0	0.0	4.0	0.7	5.0	8.0	6.0	9.7	7.0	13.1	8.0	14.7	9.0	14.8	10.0	12.2	11.0	11.1	12.0	4.7
201	2163			13.0	4.7	14.0	3.7	15.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2164		13	3.0	0.0	4.0	0.2	5.0	2.8	6.0	7.6	7.0	16.0	8.0	16.5	9.0	17.5	10.0	12.8	11.0	11.1	12.0	7.7
201	2164			13.0	4.2	14.0	3.6	15.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2165		13	3.0	0.0	4.0	1.1	5.0	6.5	6.0	9.8	7.0	13.0	8.0	16.1	9.0	15.1	10.0	12.2	11.0	10.8	12.0	7.6
201	2165			13.0	4.1	14.0	3.6	15.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2166		19	-1.0	0.0	0.0	1.8	1.0	1.3	2.0	3.2	3.0	3.7	4.0	11.1	5.0	13.6	6.0	8.4	7.0	8.4	8.0	8.7
201	2166			9.0	8.1	10.0	7.3	11.0	6.9	12.0	5.3	13.0	4.0	14.0	2.9	15.0	2.0	16.0	3.3	17.0	0.0		
200	2167		17	-1.0	0.	0.	0.2	1.0	0.6	2.0	3.3	3.0	7.0	4.0	13.6	5.0	13.6	6.0	7.4	7.0	9.4	8.0	9.8
201	2167			9.0	9.5	10.0	7.5	11.0	6.0	12.0	4.4	13.0	3.2	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.
200	2168		13	4.0	0.	5.0	8.1	6.0	12.1	7.0	10.5	8.0	13.2	9.0	14.5	10.0	9.9	11.0	10.8	12.0	8.0	13.0	5.0
201	2168			14.0	3.0	15.0	3.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2169		13	2.0	0.	3.0	1.4	4.0	5.6	5.0	13.6	6.0	12.5	7.0	11.2	8.0	14.5	9.0	13.2	10.0	10.8	11.0	8.0
201	2169			12.0	5.0	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2170		12	3.0	0.0	4.0	2.5	5.0	11.6	6.0	10.8	7.0	14.0	8.0	16.3	9.0	15.0	10.0	11.1	11.0	9.0	12.0	5.4
201	2170			13.0	4.3	14.0	0.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2171		14	0.	0.	1.0	1.5	2.0	0.5	3.0	14.0	4.0	16.0	5.0	16.6	6.0	9.3	7.0	10.6	8.0	10.1	9.0	7.8
201	2171			10.0	5.8	11.0	3.6	12.0	4.2	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2172	16	-2.0	0.	-1.0	0.5	0.	0.5	1.0	2.2	2.0	10.8	3.0	10.0	4.0	20.5	5.0	21.3	6.0	7.1	7.0	6.1
201	2172		8.0	5.6	9.0	5.4	10.0	3.9	11.0	2.7	12.0	3.4	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2173	13	1.0	0.	2.0	4.0	3.0	20.0	4.0	15.0	5.0	17.0	6.0	11.1	7.0	8.5	8.0	7.9	9.0	6.9	10.0	3.9
201	2173		11.0	2.9	12.0	2.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2174	14	1.0	0.	2.0	0.6	3.0	3.3	4.0	10.0	5.0	25.2	6.0	13.1	7.0	11.0	8.0	10.5	9.0	8.9	10.0	7.0
201	2174		11.0	4.4	12.0	2.7	13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2175	13	0.	0.	1.0	6.0	2.0	51.0	3.0	26.0	4.0	9.0	5.0	4.3	6.0	1.2	7.0	0.8	8.0	0.6	9.0	0.3
201	2175		10.0	0.3	11.0	0.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2176	8	-1.0	0.	0.	0.5	1.0	3.5	2.0	27.5	3.0	35.5	4.0	28.0	5.0	5.0	6.0	0.	0.	0.	0.	0.
200	2177	11	2.0	0.	3.0	12.0	4.0	49.5	5.0	24.8	6.0	3.3	7.0	2.7	8.0	2.5	9.0	2.0	10.0	1.4	11.0	1.8
201	2177		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2178	12	3.0	0.	4.0	5.5	5.0	15.5	6.0	15.9	7.0	15.7	8.0	14.7	9.0	11.5	10.0	9.4	11.0	5.8	12.0	3.3
201	2178		13.0	2.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2179	12	3.0	0.	4.0	4.7	5.0	13.2	6.0	18.1	7.0	18.8	8.0	16.0	9.0	12.5	10.0	6.4	11.0	5.0	12.0	2.8
201	2179		13.0	2.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2180	13	2.0	0.	3.0	1.3	4.0	5.7	5.0	16.8	6.0	13.2	7.0	13.5	8.0	13.9	9.0	12.3	10.0	9.5	11.0	6.4
201	2180		12.0	3.8	13.0	3.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2181	12	1.0	0.	2.0	1.0	3.0	6.5	4.0	35.5	5.0	33.1	6.0	6.9	7.0	4.0	8.0	4.0	9.0	3.5	10.0	2.6
201	2181		11.0	3.7	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2182	11	2.0	0.	3.0	12.0	4.0	54.0	5.0	24.3	6.0	0.6	7.0	3.0	8.0	1.7	9.0	1.9	10.0	0.9	11.0	1.5
201	2182		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2183	12	1.0	0.	2.0	0.5	3.0	3.5	4.0	31.5	5.0	36.8	6.0	8.3	7.0	5.3	8.0	4.7	9.0	3.8	10.0	2.8
201	2183		11.0	2.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2185	12	1.0	0.	2.0	0.5	3.0	3.0	4.0	15.5	5.0	26.1	6.0	11.2	7.0	10.5	8.0	9.9	9.0	8.5	10.0	6.0
201	2185		11.0	8.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2186	15	0.	0.	1.0	0.1	2.0	3.9	3.0	7.9	4.0	18.1	5.0	27.2	6.0	7.9	7.0	7.6	8.0	7.5	9.0	6.4
201	2186		10.0	5.0	11.0	3.1	12.0	2.0	13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2188	14	2.0	0.	3.0	1.2	4.0	7.3	5.0	20.5	6.0	11.0	7.0	10.9	8.0	11.7	9.0	11.8	10.0	9.0	11.0	6.6
201	2188		12.0	4.4	13.0	2.6	14.0	3.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2189	13	2.0	0.	3.0	1.8	4.0	6.0	5.0	17.3	6.0	11.7	7.0	13.0	8.0	15.0	9.0	11.7	10.0	9.7	11.0	6.4
201	2189		12.0	4.0	13.0	3.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2190	12	1.0	0.	2.0	7.0	3.0	20.0	4.0	35.0	5.0	18.5	6.0	3.8	7.0	3.2	8.0	3.0	9.0	2.8	10.0	2.1
201	2190		11.0	4.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2191 A	14	-1.0	0.	0.	0.5	1.0	1.5	2.0	16.0	3.0	20.0	4.0	32.0	5.0	17.8	6.0	2.8	7.0	2.5	8.0	2.6
201	2191 A		9.0	1.9	10.0	1.3	11.0	1.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2192	14	2.0	0.	3.0	1.0	4.0	7.0	5.0	25.4	6.0	11.3	7.0	9.8	8.0	11.1	9.0	11.0	10.0	8.7	11.0	5.2
201	2192		12.0	4.0	13.0	2.7	14.0	2.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2193	13	0.	0.	1.0	0.2	2.0	5.8	3.0	22.0	4.0	43.0	5.0	16.5	6.0	3.2	7.0	2.6	8.0	2.4	9.0	1.8
201	2193		10.0	1.2	11.0	1.2	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2194	13	1.0	0.	2.0	1.8	3.0	7.2	4.0	31.5	5.0	16.6	6.0	7.2	7.0	9.0	8.0	8.1	9.0	7.0	10.0	5.0
201	2194		11.0	3.0	12.0	3.6	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2195	15	0.	0.	1.0	0.2	2.0	1.6	3.0	5.1	4.0	12.1	5.0	23.2	6.0	10.1	7.0	9.6	8.0	9.4	9.0	10.1
201	2195		10.0	6.8	11.0	4.5	12.0	3.1	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2196	11	2.0	0.	3.0	16.0	4.0	51.0	5.0	17.8	6.0	3.4	7.0	4.7	8.0	2.9	9.0	1.2	10.0	0.5	11.0	2.5
201	2196		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2197	13	4.0	0.	5.0	1.5	6.0	0.9	7.0	5.4	8.0	11.7	9.0	17.4	10.0	14.6	11.0	17.9	12.0	14.7	13.0	8.5
201	2197		14.0	4.7	15.0	3.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2200	14	2.0	0.	3.0	13.0	4.0	9.9	5.0	16.2	6.0	10.4	7.0	8.3	8.0	9.7	9.0	9.4	10.0	7.9	11.0	5.2
201	2200		12.0	3.9	13.0	2.5	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2201	17	-2.0	0.	-1.0	0.5	0.	1.1	1.0	0.6	2.0	4.8	3.0	7.0	4.0	19.0	5.0	15.9	6.0	7.5	7.0	8.8
201	2201		8.0	9.4	9.0	8.1	10.0	6.5	11.0	4.4	12.0	2.9	13.0	3.5	14.0	0.	0.	0.	0.	0.	0.	0.
200	2202	15	-2.0	0.	-1.0	1.0	0.	1.0	1.0	3.0	2.0	9.0	3.0	18.0	4.0	45.0	5.0	13.8	6.0	1.4	7.0	1.7
201	2202		8.0	2.5	9.0	1.4	10.0	0.5	11.0	1.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2203	13	1.0	0.	2.0	0.9	3.0	14.9	4.0	19.4	5.0	18.8	6.0	7.6	7.0	8.2	8.0	8.5	9.0	7.5	10.0	5.6
201	2203		11.0	3.8	12.0	4.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2204	21	-8.0	0.	-7.0	15.2	-6.0	2.5	-5.0	1.7	-4.0	2.7	-3.0	2.1	-2.0	1.5	-1.0	1.9	0.	2.4	1.0	3.6
201	2204		2.0	12.0	3.0	12.5	4.0	15.1	5.0	6.8	6.0	3.6	7.0	3.8	8.0	3.5	9.0	3.1	10.0	2.5	11.0	3.5
202	2204		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2205	13	0.	0.	1.0	1.1	2.0	10.3	3.0	24.6	4.0	37.5	5.0	13.8	6.0	2.4	7.0	2.3	8.0	2.2	9.0	2.1
201	2205		10.0	1.5	11.0	2.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2206	13	2.0	0.	3.0	3.5	4.0	23.5	5.0	30.3	6.0	7.4	7.0	6.5	8.0	7.0	9.0	7.1	10.0	5.7	11.0	3.7
201	2206		12.0	2.5	13.0	2.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2209	12	3.0	0.	4.0	1.1	5.0	14.6	6.0	11.8	7.0	18.3	8.0	16.7	9.0	12.8	10.0	9.5	11.0	7.2	12.0	4.2
201	2209		13.0	3.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2210	26	-7.0	0.	-6.0	1.8	-5.0	0.5	-4.0	3.6	-3.0	4.4	-2.0	4.0	-1.0	3.3	0.	1.9	1.0	0.8	2.0	0.8
201	2210		3.0	12.1	4.0	41.0	5.0	6.1	6.0	2.9	7.0	2.4	8.0	0.8	9.0	1.8	10.0	0.8	11.0	2.2	12.0	1.1
202	2210		13.0	1.1	14.0	1.0	15.0	1.0	16.0	0.7	17.0	3.8	18.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2211	12	3.0	0.	4.0	8.8	5.0	24.7	6.0	16.2	7.0	9.9	8.0	9.7	9.0	10.1	10.0	8.3	11.0	5.8	12.0	3.2
201	2211		13.0	3.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2212	13	2.0	0.	3.0	0.5	4.0	7.2	5.0	19.5	6.0	12.7	7.0	12.1	8.0	12.3	9.0	11.5	10.0	9.2	11.0	6.2
201	2212		12.0	4.3	13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2220	14	3.0	0.	4.0	2.5	5.0	10.5	6.0	12.4	7.0	11.9	8.0	11.3	9.0	10.7	10.0	9.7	11.0	11.0	12.0	7.2
201	2220		13.0	5.5	14.0	3.3	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2221	17	1.0	0.	2.0	5.0	3.0	9.0	4.0	1.0	5.0	15.7	6.0	6.6	7.0	6.6	8.0	6.9	9.0	6.9	10.0	6.8
201	2221		11.0	11.7	12.0	6.8	13.0	6.9	14.0	4.0	15.0	2.7	16.0	3.4	17.0	0.	0.	0.	0.	0.	0.	0.
200	2222	15	3.0	0.	4.0	0.4	5.0	0.9	6.0	3.5	7.0	4.7	8.0	6.9	9.0	9.6	10.0	9.8	11.0	19.5	12.0	14.7
201	2222		13.0	12.3	14.0	8.5	15.0	5.1	16.0	4.1	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2223	15	3.0	0.	4.0	0.6	5.0	0.8	6.0	4.8	7.0	6.4	8.0	10.3	9.0	12.2	10.0	11.8	11.0	15.4	12.0	13.1
201	2223		13.0	9.6	14.0	6.8	15.0	4.2	16.0	4.0	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2224	15	3.0	0.	4.0	0.2	5.0	0.6	6.0	2.8	7.0	6.6	8.0	13.3	9.0	13.8	10.0	11.8	11.0	17.3	12.0	12.6
201	2224		13.0	4.3	14.0	10.8	15.0	3.3	16.0	2.6	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2225	14	2.0	0.	3.0	6.5	4.0	16.0	5.0	32.4	6.0	9.4	7.0	8.4	8.0	5.6	9.0	4.3	10.0	3.9	11.0	3.8
201	2225		12.0	2.7	13.0	2.1	14.0	4.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2226	16	1.0	0.	2.0	1.0	3.0	1.5	4.0	5.5	5.0	18.5	6.0	8.2	7.0	7.8	8.0	8.3	9.0	10.5	10.0	10.1
201	2226		11.0	10.6	12.0	6.9	13.0	4.8	14.0	3.1	15.0	3.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2227 A	6	1.0	0.	2.0	3.0	3.0	21.0	4.0	68.0	5.0	8.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2228	16	2.0	0.	3.0	3.0	4.0	8.0	5.0	13.5	6.0	10.9	7.0	10.2	8.0	7.1	9.0	7.1	10.0	6.7	11.0	11.3
201	2228		12.0	7.1	13.0	5.3	14.0	3.8	15.0	2.8	16.0	3.2	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2229	6	1.0	0.	2.0	1.0	3.0	62.0	4.0	34.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2230	6	1.0	0.	2.0	3.0	3.0	31.0	4.0	56.0	5.0	10.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2231	6	1.0	0.	2.0	3.0	3.0	55.0	4.0	40.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2232	7	1.0	0.	2.0	37.0	3.0	33.0	4.0	22.0	5.0	5.0	6.0	3.0	7.0	0.	0.	0.	0.	0.	0.	0.
200	2233	5	1.0	0.	2.0	7.0	3.0	78.0	4.0	15.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2234	14	1.0	0.	2.0	1.0	3.0	11.0	4.0	1.0	5.0	42.1	6.0	15.0	7.0	6.8	8.0	5.2	9.0	3.9	10.0	3.2
201	2234		11.0	4.0	12.0	2.1	13.0	4.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2235	7	1.0	0.	2.0	15.0	3.0	59.0	4.0	16.0	5.0	7.3	6.0	2.7	7.0	0.	0.	0.	0.	0.	0.	0.
200	2236	17	-1.0	0.	0.	0.5	1.0	3.5	2.0	6.0	3.0	0.5	4.0	2.0	5.0	17.5	6.0	20.8	7.0	15.5	8.0	9.1
201	2236		9.0	6.2	10.0	4.2	11.0	6.2	12.0	2.0	13.0	2.2	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.
200	2237	16	1.0	0.	2.0	3.0	3.0	8.0	4.0	10.5	5.0	10.8	6.0	13.3	7.0	13.9	8.0	10.0	9.0	7.5	10.0	5.9
201	2237		11.0	4.5	12.0	3.8	13.0	3.0	14.0	2.1	15.0	3.7	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2238	15	0.	0.	1.0	0.5	2.0	38.5	3.0	18.0	4.0	1.0	5.0	10.3	6.0	5.3	7.0	6.7	8.0	3.4	9.0	3.8
201	2238		10.0	2.7	11.0	3.1	12.0	2.1	13.0	4.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2239	13	3.0	0.	4.0	0.9	5.0	4.0	6.0	14.2	7.0	17.9	8.0	14.5	9.0	11.2	10.0	9.2	11.0	12.6	12.0	6.5
201	2239		13.0	4.3	14.0	4.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2240	13	3.0	0.	4.0	1.3	5.0	4.1	6.0	12.6	7.0	14.0	8.0	14.8	9.0	10.5	10.0	10.8	11.0	14.9	12.0	8.2
201	2240		13.0	4.8	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2241	14	3.0	0.	4.0	2.0	5.0	8.0	6.0	16.3	7.0	14.9	8.0	11.4	9.0	9.6	10.0	8.2	11.0	11.2	12.0	7.1
201	2241		13.0	4.7	14.0	3.3	15.0	3.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2242	12	1.0	0.	2.0	6.0	3.0	27.5	4.0	27.5	5.0	16.2	6.0	6.8	7.0	4.4	8.0	3.0	9.0	2.1	10.0	1.6
201	2242		11.0	4.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2243	11	2.0	0.	3.0	3.5	4.0	45.5	5.0	30.1	6.0	6.8	7.0	3.9	8.0	2.5	9.0	1.9	10.0	1.4	11.0	4.4
201	2243		12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2244	14	3.0	0.	4.0	2.8	5.0	4.2	6.0	14.6	7.0	13.4	8.0	12.6	9.0	11.1	10.0	10.0	11.0	11.1	12.0	7.2
201	2244		13.0	5.5	14.0	3.5	15.0	4.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2245	14	3.0	0.	4.0	1.5	5.0	7.0	6.0	11.9	7.0	11.7	8.0	11.3	9.0	11.0	10.0	10.3	11.0	14.1	12.0	3.2
201	2245		13.0	10.7	14.0	3.5	15.0	3.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2246	14	3.0	0.	4.0	5.1	5.0	6.5	6.0	11.3	7.0	12.4	8.0	12.1	9.0	11.1	10.0	10.8	11.0	11.7	12.0	7.2
201	2246		13.0	6.1	14.0	2.5	15.0	3.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2247	15	-2.0	0.	-1.0	5.0	0.	8.0	1.0	20.0	2.0	19.0	3.0	21.0	4.0	11.7	5.0	4.4	6.0	2.5	7.0	1.3
201	2247		8.0	0.8	9.0	0.8	10.0	0.7	11.0	4.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2248	15	-2.0	0.	-1.0	7.0	0.	10.0	1.0	21.0	2.0	22.0	3.0	10.0	4.0	14.0	5.0	8.7	6.0	1.5	7.0	0.8
201	2248		8.0	0.2	9.0	0.6	10.0	0.4	11.0	3.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2249	12	1.0	0.	2.0	5.0	3.0	47.0	4.0	38.0	5.0	6.8	6.0	0.4	7.0	0.3	8.0	0.1	9.0	0.5	10.0	0.1
201	2249		11.0	1.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2250	8	-3.0	0.	-2.0	7.5	-1.0	5.5	0.	74.0	1.0	6.0	2.0	4.0	3.0	3.0	4.0	0.	0.	0.	0.	0.
200	2251	13	-5.0	0.	-4.0	0.6	-3.0	0.7	-2.0	0.8	-1.0	1.5	0.	2.4	1.0	29.0	2.0	36.0	3.0	17.0	4.0	5.0
201	2251		5.0	3.0	6.0	4.0	7.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2252	10	-3.0	0.	-2.0	1.0	-1.0	1.7	0.	0.3	1.0	2.0	2.0	32.0	3.0	48.0	4.0	12.0	5.0	3.0	6.0	0.
200	2253	10	-3.0	0.	-2.0	0.3	-1.0	2.3	0.	1.4	1.0	16.0	2.0	50.0	3.0	23.0	4.0	4.0	5.0	3.0	6.0	0.
200	2254	10	-3.0	0.	-2.0	0.9	-1.0	4.5	0.	0.6	1.0	11.0	2.0	53.0	3.0	20.0	4.0	7.0	5.0	3.0	6.0	0.
200	2255	21	-1.0	0.	0.	2.0	1.0	16.0	2.0	15.0	3.0	8.0	4.0	3.0	5.0	3.6	6.0	2.0	7.0	3.4	8.0	4.1
201	2255		9.0	5.7	10.0	6.9	11.0	7.8	12.0	2.8	13.0	4.5	14.0	3.8	15.0	2.7	16.0	2.5	17.0	1.9	18.0	4.3
202	2255		19.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2256	11	-4.0	0.	-3.0	0.7	-2.0	0.5	-1.0	0.6	0.	0.2	1.0	15.0	2.0	61.0	3.0	17.0	4.0	2.0	5.0	3.0
201	2256		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2257	10	-4.0	0.	-3.0	0.6	-2.0	0.7	-1.0	1.0	0.	3.7	1.0	44.0	2.0	40.0	3.0	7.0	4.0	3.0	5.0	0.
200	2258	8	-2.0	0.	-1.0	7.0	0.	8.0	1.0	55.0	2.0	22.0	3.0	6.0	4.0	2.0	5.0	0.	0.	0.	0.	0.
200	2259	7	0.	0.	1.0	1.0	2.0	33.0	3.0	47.0	4.0	16.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2260	7	0.	0.	1.0	2.0	2.0	46.0	3.0	43.0	4.0	7.0	5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2261	6	0.	0.	1.0	1.0	2.0	57.0	3.0	40.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2262	9	1.0	0.	1.5	1.0	2.0	29.0	2.5	26.0	3.0	33.0	3.5	9.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.
200	2263	7	0.	0.	1.0	8.0	2.0	57.0	3.0	30.0	4.0	4.0	5.0	1.0	6.0	0.	0.	0.	0.	0.	0.	0.
200	2264	7	-1.0	0.	0.	6.0	1.0	32.0	2.0	32.0	3.0	20.0	4.0	10.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2265	7	-1.0	0.	0.	10.0	1.0	73.0	2.0	12.0	3.0	2.0	4.0	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2266	8	-2.0	0.	-1.0	1.0	0.	5.0	1.0	32.0	2.0	42.0	3.0	16.0	4.0	4.0	5.0	0.	0.	0.	0.	0.
200	2267	8	-1.0	0.	0.	10.0	1.0	20.0	2.0	40.0	3.0	20.0	4.0	9.0	5.0	1.0	6.0	0.	0.	0.	0.	0.
200	2268	8	-2.0	0.	-1.0	3.0	0.	7.0	1.0	25.0	2.0	34.0	3.0	25.0	4.0	6.0	5.0	0.	0.	0.	0.	0.
200	2269	6	0.	0.	1.0	38.0	2.0	49.0	3.0	11.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2270	7	-1.0	0.	0.	9.0	1.0	67.0	2.0	20.0	3.0	2.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2271	9	-2.0	0.	-1.0	2.0	0.	4.0	1.0	16.0	2.0	33.0	3.0	28.0	4.0	13.0	5.0	4.0	6.0	0.	0.	0.
200	2272	9	-2.0	0.	-1.0	1.0	0.	14.0	1.0	63.0	2.0	14.0	3.0	4.0	4.0	3.0	5.0	1.0	6.0	0.	0.	0.
200	2273	7	-1.0	0.	0.	1.0	1.0	66.0	2.0	29.0	3.0	3.0	4.0	1.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2274	9	-2.0	0.	-1.0	1.0	0.	5.0	1.0	26.0	2.0	32.0	3.0	20.0	4.0	12.0	5.0	4.0	6.0	0.	0.	0.
200	2275	12	2.0	0.	3.0	46.0	4.0	42.9	5.0	1.5	6.0	0.6	7.0	0.7	8.0	0.8	9.0	0.9	10.0	1.5	11.0	0.7
201	2275		12.0	4.4	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2276	16	0.	0.	1.0	5.0	2.0	22.0	3.0	29.0	4.0	15.0	5.0	3.4	6.0	2.1	7.0	1.6	8.0	3.4	9.0	3.3
201	2276		10.0	4.1	11.0	3.0	12.0	2.2	13.0	1.9	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2277 A	6	0.	0.	1.0	5.0	2.0	83.0	3.0	10.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2278	8	0.	0.	0.5	3.0	1.0	12.0	1.5	27.0	2.0	38.0	2.5	13.0	3.0	7.0	3.5	0.	0.	0.	0.	0.
200	2279	13	-2.0	0.	-1.5	9.0	-1.0	0.	-0.5	0.	0.	3.0	0.5	0.	1.0	5.0	1.5	19.0	2.0	33.0	2.5	17.0
201	2279		3.0	9.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2280	9	1.5	0.	2.0	1.0	2.5	14.0	3.0	20.0	3.5	52.0	4.0	8.0	4.5	1.0	5.0	4.0	5.5	0.	0.	0.
200	2281	10	1.0	0.	1.5	5.0	2.0	11.0	2.5	15.0	3.0	24.0	3.5	35.0	4.0	3.0	4.5	1.0	5.0	6.0	5.5	0.
200	2282	8	2.0	0.	2.5	5.0	3.0	28.0	3.5	49.0	4.0	13.0	4.5	0.	5.0	5.0	5.5	0.	0.	0.	0.	0.
200	2283	15	-1.5	8.0	-1.0	0.	-0.5	0.	0.	0.	0.5	0.	1.0	0.	1.5	0.	2.0	0.	2.5	20.0	3.0	26.0
201	2283		3.5	34.0	4.0	10.0	4.5	0.	5.0	2.0	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2284	16	-2.0	0.	-1.5	3.0	-1.0	0.	-0.5	0.	0.	4.0	0.5	2.0	1.0	1.0	1.5	0.	2.0	2.0	2.5	25.0
201	2284		3.0	28.0	3.5	30.0	4.0	3.0	4.5	0.	5.0	2.0	5.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2285	6	2.0	0.	2.5	3.0	3.0	25.0	3.5	54.0	4.0	18.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2286	15	2.0	0.	3.0	22.0	4.0	16.0	5.0	6.1	6.0	3.9	7.0	5.4	8.0	5.7	9.0	6.5	10.0	7.7	11.0	8.5
201	2286		12.0	6.1	13.0	4.6	14.0	3.2	15.0	4.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2287	17	-1.0	0.	0.	5.0	1.0	8.0	2.0	10.0	3.0	33.0	4.0	17.0	5.0	3.2	6.0	1.4	7.0	2.8	8.0	2.7
201	2287		9.0	2.7	10.0	3.8	11.0	2.6	12.0	2.1	13.0	1.6	14.0	4.1	15.0	0.	0.	0.	0.	0.	0.	0.
200	2288	8	0.5	0.	1.0	5.0	1.5	20.0	2.0	45.0	2.5	16.0	3.0	12.0	3.5	2.0	4.0	0.	0.	0.	0.	0.
200	2289	7	2.0	0.	2.5	3.0	3.0	37.0	3.5	53.0	4.0	4.0	4.5	3.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2290	9	0.	0.	0.5	1.0	1.0	3.0	1.5	6.0	2.0	33.0	2.5	26.0	3.0	21.0	3.5	10.0	4.0	0.	0.	0.
200	2291	7	2.5	0.	3.0	18.0	3.5	52.0	4.0	22.0	4.5	6.2	5.0	1.8	5.5	0.	0.	0.	0.	0.	0.	0.
200	2292	8	0.5	0.	1.0	3.0	1.5	19.0	2.0	29.0	2.5	24.0	3.0	18.0	3.5	7.0	4.0	0.	0.	0.	0.	0.
200	2293	15	-0.5	0.	0.	2.0	0.5	3.0	1.0	3.0	1.5	2.0	2.0	7.0	2.5	11.0	3.0	22.0	3.5	37.0	4.0	7.0
201	2293		4.5	2.8	5.0	1.5	5.5	0.9	6.0	0.8	6.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2294	12	-1.5	26.0	-1.0	0.	-0.5	0.	0.	5.0	0.5	2.0	1.0	21.0	1.5	22.0	2.0	13.0	2.5	4.0	3.0	4.0
201	2294		3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2295	6	2.0	0.	2.5	20.0	3.0	44.0	3.5	31.0	4.0	5.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2296	15	-2.0	0.	-1.5	5.0	-1.0	0.	-0.5	0.	0.	0.	0.5	0.	1.0	0.	1.5	5.0	2.0	10.0	2.5	15.0
201	2296		3.0	32.0	3.5	23.0	4.0	5.0	4.5	5.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2297	5	1.0	0.	2.0	16.0	3.0	64.0	4.0	20.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2298	9	1.5	0.	2.0	12.0	2.5	28.0	3.0	27.0	3.5	27.0	4.0	3.0	4.5	2.0	5.0	1.0	5.5	0.	0.	0.
200	2300	16	1.0	0.	2.0	6.0	3.0	11.0	4.0	6.0	5.0	4.3	6.0	5.0	7.0	7.8	8.0	7.7	9.0	9.6	10.0	13.8
201	2300		11.0	8.9	12.0	7.0	13.0	5.1	14.0	3.4	15.0	4.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2301	16	2.0	0.	3.0	10.0	4.0	8.0	5.0	7.8	6.0	5.8	7.0	9.1	8.0	10.9	9.0	8.8	10.0	11.0	11.0	8.5
201	2301		12.0	6.2	13.0	5.3	14.0	3.4	15.0	2.4	16.0	2.8	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2302	7	-1.0	0.	0.	2.0	1.0	62.0	2.0	31.0	3.0	3.0	4.0	2.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2303	15	-2.0	0.	-1.0	2.5	0.	0.	1.0	5.5	2.0	60.0	3.0	15.0	4.0	8.0	5.0	0.8	6.0	1.1	7.0	1.0
201	2303		8.0	1.1	9.0	0.9	10.0	0.8	11.0	3.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2304A	8	-2.0	0.	-1.0	0.5	0.	2.5	1.0	33.0	2.0	46.0	3.0	16.5	4.0	1.5	5.0	0.	0.	0.	0.	0.
200	2304B	7	-2.0	0.	-1.0	2.0	0.	2.5	1.0	35.5	2.0	55.0	3.0	5.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	2304C	6	0.	0.	1.0	1.0	2.0	69.0	3.0	28.5	4.0	1.5	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2304D	7	-1.0	0.	0.	2.0	1.0	8.0	2.0	41.0	3.0	43.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.
200	2305	5	1.0	0.	2.0	74.0	3.0	20.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2306	8	-4.0	0.	-3.0	10.9	-2.0	16.3	-1.0	25.4	0.	8.4	1.0	28.0	2.0	11.0	3.0	0.	0.	0.	0.	0.
200	2307	6	1.0	0.	2.0	30.0	3.0	58.0	4.0	7.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2308	5	2.0	0.	3.0	70.0	4.0	27.0	5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2309	10	1.0	0.	1.5	6.0	2.0	34.0	2.5	18.0	3.0	22.0	3.5	12.0	4.0	2.0	4.5	3.0	5.0	3.0	5.5	0.
200	2310	8	0.5	0.	1.0	10.0	1.5	44.0	2.0	12.0	2.5	14.0	3.0	14.0	3.5	6.0	4.0	0.	0.	0.	0.	0.
200	2311	11	-1.0	0.	-0.5	2.0	0.	4.0	0.5	2.0	1.0	6.0	1.5	24.0	2.0	22.0	2.5	16.0	3.0	20.0	3.5	4.0
201	2311		4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2312	8	0.	0.	0.5	26.0	1.0	36.0	1.5	6.0	2.0	10.0	2.5	12.0	3.0	10.0	3.5	0.	0.	0.	0.	0.
200	2313	7	1.0	0.	1.5	22.0	2.0	12.0	2.5	22.0	3.0	32.0	3.5	12.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	2314	11	0.	0.	0.5	2.0	1.0	4.0	1.5	4.0	2.0	22.0	2.5	16.0	3.0	24.0	3.5	18.0	4.0	6.0	4.5	4.0
201	2314		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2315	9	1.0	0.	1.5	4.0	2.0	18.0	2.5	20.0	3.0	34.0	3.5	18.0	4.0	4.0	4.5	2.0	5.0	0.	0.	0.
200	2316	13	-1.5	0.	-1.0	3.0	-0.5	2.0	0.	3.0	0.5	30.0	1.0	29.0	1.5	13.0	2.0	10.0	2.5	4.0	3.0	2.0
201	2316		3.5	2.0	4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2317	10	-0.5	0.	0.	3.0	0.5	7.0	1.0	33.0	1.5	28.0	2.0	16.0	2.5	3.0	3.0	8.0	3.5	2.0	4.0	0.
200	2318	13	-2.0	0.	-1.5	3.0	-1.0	4.0	-0.5	3.0	0.	13.0	0.5	28.0	1.0	24.0	1.5	7.0	2.0	10.0	2.5	4.0
201	2318		3.0	2.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2319	13	-1.0	0.	-0.5	3.0	0.	2.0	0.5	6.0	1.0	19.0	1.5	13.0	2.0	22.0	2.5	7.0	3.0	17.0	3.5	8.0
201	2319		4.0	1.0	4.5	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2320	9	0.	0.	0.5	2.0	1.0	20.0	1.5	27.0	2.0	29.0	2.5	14.0	3.0	6.0	3.5	2.0	4.0	0.	0.	0.
200	2321	7	2.5	0.	3.0	2.0	3.5	40.0	4.0	42.0	4.5	14.0	5.0	2.0	5.5	0.	0.	0.	0.	0.	0.	0.
200	2322	8	2.0	0.	2.5	3.0	3.0	35.0	3.5	32.0	4.0	22.0	4.5	5.0	5.0	3.0	5.5	0.	0.	0.	0.	0.
200	2323	9	1.5	0.	2.0	3.0	2.5	4.0	3.0	24.0	3.5	39.0	4.0	20.0	4.5	6.0	5.0	4.0	5.5	0.	0.	0.
200	2324	9	1.5	0.	2.0	2.0	2.5	13.0	3.0	12.0	3.5	43.0	4.0	23.0	4.5	5.0	5.0	2.0	5.5	0.	0.	0.
200	2325	13	-1.5	0.	-1.0	4.0	-0.5	5.0	0.	21.0	0.5	25.0	1.0	19.0	1.5	11.0	2.0	8.0	2.5	4.0	3.0	1.0
201	2325		3.5	1.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2326	11	-1.5	0.	-1.0	9.0	-0.5	6.0	0.	6.0	0.5	7.0	1.0	39.0	1.5	21.0	2.0	9.0	2.5	2.0	3.0	1.0
201	2326		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2327	11	-1.5	0.	-1.0	6.0	-0.5	4.0	0.	13.0	0.5	36.0	1.0	21.0	1.5	12.0	2.0	4.0	2.5	3.0	3.0	1.0
201	2327		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2328	9	1.5	0.	2.0	4.0	2.5	14.0	3.0	16.0	3.5	30.0	4.0	26.0	4.5	7.0	5.0	3.0	5.5	0.	0.	0.
200	2329	12	-2.0	0.	-1.5	4.0	-1.0	1.0	-0.5	1.0	0.	1.0	0.5	5.0	1.0	44.0	1.5	19.0	2.0	15.0	2.5	4.0
201	2329		3.0	6.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2330	10	1.0	0.	1.5	2.0	2.0	16.0	2.5	8.0	3.0	30.0	3.5	32.0	4.0	6.0	4.5	3.0	5.0	3.0	5.5	0.
200	2331	9	0.	0.	0.5	8.0	1.0	23.0	1.5	27.0	2.0	26.0	2.5	6.0	3.0	8.0	3.5	2.0	4.0	0.	0.	0.
200	2332	10	1.0	0.	1.5	2.0	2.0	24.0	2.5	4.0	3.0	12.0	3.5	30.0	4.0	22.0	4.5	5.0	5.0	1.0	5.5	0.
200	2333	8	1.5	0.	2.0	2.0	2.5	8.0	3.0	36.0	3.5	22.0	4.0	28.0	4.5	4.0	5.0	0.	0.	0.	0.	0.
200	2334	11	1.0	0.	2.0	5.0	3.0	42.0	4.0	23.0	5.0	18.9	6.0	3.1	7.0	1.9	8.0	1.1	9.0	0.2	10.0	4.8
201	2334		11.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2335	5	1.0	0.	2.0	13.0	3.0	81.0	4.0	6.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2336	15	2.0	0.	3.0	8.0	4.0	12.0	5.0	19.9	6.0	15.1	7.0	8.3	8.0	5.5	9.0	4.5	10.0	7.3	11.0	5.4
201	2336		12.0	4.3	13.0	3.4	14.0	2.2	15.0	4.1	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2337	12	1.0	0.	2.0	10.0	3.0	53.0	4.0	14.0	5.0	3.8	6.0	5.6	7.0	3.4	8.0	2.5	9.0	1.2	10.0	1.5
201	2337		11.0	5.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2338 A	20	-3.0	0.	-2.0	4.1	-1.0	3.6	0.	0.	1.0	0.	2.0	1.0	3.0	16.3	4.0	21.0	5.0	15.3	6.0	7.2
201	2338 A		7.0	4.3	8.0	3.3	9.0	2.0	10.0	4.7	11.0	6.2	12.0	3.1	13.0	2.1	14.0	1.9	15.0	3.9	16.0	0.
200	2340	12	1.0	0.	2.0	18.0	3.0	27.0	4.0	10.0	5.0	12.9	6.0	4.5	7.0	4.8	8.0	11.3	9.0	5.3	10.0	2.3
201	2340		11.0	3.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2341	10	0.	0.	0.5	6.0	1.0	26.0	1.5	28.0	2.0	26.0	2.5	4.0	3.0	6.0	3.5	2.0	4.0	2.0	4.5	0.
200	2342	19	-5.0	0.	-4.0	12.8	-3.0	4.0	-2.0	2.9	-1.0	1.2	0.	0.	1.0	0.	2.0	11.1	3.0	51.0	4.0	3.0
201	2342		5.0	2.1	6.0	2.6	7.0	1.2	8.0	0.9	9.0	0.9	10.0	0.9	11.0	1.4	12.0	4.0	13.0	0.	0.	0.
200	2343	9	1.5	0.	2.0	12.0	2.5	54.0	3.0	20.0	3.5	6.0	4.0	2.0	4.5	2.1	5.0	3.9	5.5	0.	0.	0.
200	2344	18	-4.0	0.	-3.0	3.1	-2.0	2.0	-1.0	3.0	0.	0.	1.0	1.9	2.0	3.0	3.0	70.0	4.0	10.4	5.0	1.0
201	2344		6.0	1.0	7.0	0.5	8.0	0.2	9.0	0.2	10.0	0.2	11.0	2.5	12.0	1.0	13.0	0.	0.	0.	0.	0.
200	2345	10	1.5	0.	2.0	18.0	2.5	30.0	3.0	22.0	3.5	15.0	4.0	7.0	4.5	3.2	5.0	2.4	5.5	2.4	6.0	0.
200	2346	14	1.0	0.	2.0	23.0	3.0	24.0	4.0	16.0	5.0	12.2	6.0	3.8	7.0	2.3	8.0	4.3	9.0	1.4	10.0	3.9
201	2346		11.0	2.4	12.0	1.9	13.0	4.8	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2347	13	2.0	0.	3.0	10.0	4.0	12.0	5.0	40.4	6.0	12.1	7.0	6.6	8.0	3.4	9.0	2.9	10.0	4.2	11.0	2.3
201	2347		12.0	1.8	13.0	4.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2348	14	1.0	0.	2.0	5.0	3.0	11.0	4.0	12.0	5.0	27.1	6.0	11.9	7.0	8.1	8.0	3.9	9.0	3.8	10.0	7.0
201	2348		11.0	4.1	12.0	2.7	13.0	3.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2349	9	1.0	0.	1.5	4.0	2.0	42.0	2.5	10.0	3.0	28.0	3.5	6.0	4.0	6.0	4.5	4.0	5.0	0.	0.	0.
200	2350	13	1.0	0.	2.0	32.0	3.0	16.0	4.0	18.0	5.0	12.9	6.0	5.9	7.0	3.1	8.0	0.5	9.0	3.0	10.0	3.2
201	2350		11.0	1.7	12.0	3.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2351	14	1.0	0.	2.0	5.0	3.0	19.0	4.0	16.0	5.0	29.0	6.0	10.2	7.0	4.6	8.0	2.4	9.0	2.1	10.0	3.3
201	2351		11.0	2.4	12.0	1.8	13.0	4.2	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2352	14	1.0	0.	2.0	22.0	3.0	24.0	4.0	11.0	5.0	18.2	6.0	7.5	7.0	3.7	8.0	2.1	9.0	1.9	10.0	2.6
201	2352		11.0	1.8	12.0	1.2	13.0	4.0	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2353	12	-3.0	0.	-2.0	0.1	-1.0	0.4	0.	0.	1.0	0.	2.0	0.	3.0	35.5	4.0	44.0	5.0	11.8	6.0	5.2
201	2353		7.0	3.0	8.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2354	9	1.0	0.	1.5	6.0	2.0	54.0	2.5	12.0	3.0	10.0	3.5	13.0	4.0	2.0	4.5	3.0	5.0	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2356	12	1.0	0.	2.0	10.0	3.0	13.0	4.0	8.0	5.0	18.6	6.0	14.6	7.0	9.1	8.0	6.8	9.0	8.0	10.0	7.1
201	2356		11.0	4.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2357	12	2.0	0.	3.0	10.0	4.0	13.0	5.0	19.4	6.0	17.6	7.0	10.0	8.0	7.8	9.0	7.7	10.0	8.4	11.0	2.9
201	2357		12.0	3.2	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2358	12	1.0	0.	2.0	16.0	3.0	54.0	4.0	16.3	5.0	4.5	6.0	3.1	7.0	1.2	8.0	0.8	9.0	0.5	10.0	1.3
201	2358		11.0	2.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2359	11	-4.0	0.	-3.0	0.3	-2.0	3.2	-1.0	10.1	0.	0.	1.0	0.	2.0	16.4	3.0	49.0	4.0	11.0	5.0	10.0
201	2359		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2360	10	0.5	0.	1.0	2.0	1.5	4.0	2.0	44.0	2.5	24.0	3.0	12.0	3.5	11.0	4.0	1.0	4.5	2.0	5.0	0.
200	2361	16	1.0	0.	2.0	5.0	3.0	13.0	4.0	8.0	5.0	24.2	6.0	14.6	7.0	7.6	8.0	2.7	9.0	2.2	10.0	3.9
201	2361		11.0	5.5	12.0	3.6	13.0	2.9	14.0	2.2	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2362	16	1.0	0.	2.0	5.0	3.0	28.0	4.0	14.0	5.0	17.5	6.0	10.3	7.0	4.5	8.0	1.8	9.0	2.1	10.0	3.3
201	2362		11.0	3.3	12.0	2.2	13.0	2.0	14.0	1.4	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2363	15	1.0	0.	2.0	36.0	3.0	12.0	4.0	16.0	5.0	11.8	6.0	6.1	7.0	2.8	8.0	0.5	9.0	2.3	10.0	2.4
201	2363		11.0	2.8	12.0	2.1	13.0	1.3	14.0	3.9	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2364	16	1.0	0.	2.0	3.0	3.0	29.0	4.0	19.0	5.0	19.2	6.0	10.0	7.0	1.3	8.0	2.5	9.0	1.6	10.0	3.3
201	2364		11.0	1.9	12.0	1.5	13.0	1.6	14.0	1.3	15.0	4.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2365	17	1.0	0.	2.0	7.0	3.0	20.0	4.0	18.0	5.0	18.7	6.0	11.6	7.0	4.3	8.0	2.4	9.0	1.5	10.0	3.2
201	2365		11.0	2.2	12.0	1.9	13.0	1.8	14.0	1.5	15.0	1.2	16.0	4.7	17.0	0.	0.	0.	0.	0.	0.	0.
200	2366	7	1.5	0.	2.0	14.0	2.5	26.0	3.0	40.0	3.5	16.0	4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.
200	2367	16	1.0	0.	2.0	6.0	3.0	27.0	4.0	15.0	5.0	17.6	6.0	8.6	7.0	6.1	8.0	0.4	9.0	4.1	10.0	2.5
201	2367		11.0	3.0	12.0	2.3	13.0	1.4	14.0	1.8	15.0	4.2	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2368	16	1.0	0.	2.0	13.0	3.0	27.0	4.0	13.0	5.0	14.2	6.0	7.6	7.0	3.9	8.0	2.5	9.0	1.9	10.0	3.3
201	2368		11.0	3.3	12.0	2.3	13.0	2.0	14.0	1.5	15.0	4.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2369	18	1.0	0.	2.0	7.0	3.0	18.0	4.0	21.0	5.0	19.2	6.0	11.6	7.0	3.7	8.0	2.1	9.0	2.0	10.0	0.5
201	2369		11.0	3.7	12.0	1.3	13.0	1.7	14.0	1.2	15.0	1.2	16.0	1.0	17.0	4.8	18.0	0.	0.	0.	0.	0.
200	2370	17	0.	0.	1.0	3.0	2.0	37.0	3.0	18.0	4.0	10.0	5.0	11.3	6.0	4.7	7.0	2.5	8.0	1.4	9.0	1.0
201	2370		10.0	2.4	11.0	0.9	12.0	1.2	13.0	1.1	14.0	0.8	15.0	4.7	16.0	0.	0.	0.	0.	0.	0.	0.
200	2371	15	1.0	0.	2.0	7.0	3.0	29.0	4.0	21.0	5.0	13.4	6.0	8.1	7.0	3.3	8.0	2.0	9.0	1.3	10.0	3.7
201	2371		11.0	2.6	12.0	1.8	13.0	1.8	14.0	5.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2372	10	0.5	0.	1.0	18.0	1.5	36.0	2.0	28.0	2.5	10.0	3.0	4.0	3.5	1.0	4.0	1.0	4.5	2.0	5.0	0.
200	2373	11	0.	0.	0.5	2.0	1.0	1.0	1.5	39.0	2.0	16.0	2.5	12.0	3.0	10.0	3.5	7.0	4.0	7.0	4.5	6.0
201	2373		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2374	16	-1.5	0.	-1.0	4.0	-0.5	4.0	0.	2.0	0.5	3.0	1.0	21.0	1.5	6.0	2.0	18.0	2.5	17.0	3.0	10.0
201	2374		3.5	7.0	4.0	2.0	4.5	1.2	5.0	1.2	5.5	3.6	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2376	8	0.5	0.	1.0	4.0	1.5	6.0	2.0	40.0	2.5	32.0	3.0	10.0	3.5	8.0	4.0	0.	0.	0.	0.	0.
200	2377	8	1.5	0.	2.0	8.0	2.5	48.0	3.0	26.0	3.5	12.0	4.0	2.0	4.5	4.0	5.0	0.	0.	0.	0.	0.
200	2378	12	1.0	0.	2.0	28.0	3.0	32.0	4.0	18.0	5.0	10.5	6.0	1.7	7.0	1.2	8.0	2.2	9.0	1.5	10.0	1.3
201	2378		11.0	3.6	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2379	7	1.0	0.	1.5	6.0	2.0	34.0	2.5	34.0	3.0	20.0	3.5	6.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	2380	8	1.0	0.	1.5	6.0	2.0	38.0	2.5	36.0	3.0	14.0	3.5	4.0	4.0	2.0	4.5	0.	0.	0.	0.	0.
200	2381	10	0.	0.	0.5	4.0	1.0	16.0	1.5	26.0	2.0	30.0	2.5	12.0	3.0	8.0	3.5	2.0	4.0	2.0	4.5	0.
200	2382	11	-1.5	0.	-1.0	2.0	-0.5	4.0	0.	8.0	0.5	18.0	1.0	18.0	1.5	16.0	2.0	16.0	2.5	12.0	3.0	6.0
201	2382		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2383	10	-1.0	0.	-0.5	1.0	0.	1.0	0.5	4.0	1.0	12.0	1.5	6.0	2.0	52.0	2.5	14.0	3.0	10.0	3.5	0.
200	2384	11	-0.5	0.	0.	2.0	0.5	6.0	1.0	2.0	1.5	4.0	2.0	54.0	2.5	16.0	3.0	8.0	3.5	6.0	4.0	2.0
201	2384		4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2385	10	0.	0.	0.5	1.0	1.0	1.0	1.5	4.0	2.0	38.0	2.5	24.0	3.0	16.0	3.5	12.0	4.0	4.0	4.5	0.
200	2386	11	0.	1.0	0.5	1.0	1.0	3.0	1.5	9.0	2.0	52.0	2.5	8.0	3.0	12.0	3.5	7.0	4.0	7.0	4.5	1.0
201	2386		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2389	10	-1.0	0.	-0.5	1.0	0.	3.0	0.5	6.0	1.0	32.0	1.5	30.0	2.0	12.0	2.5	10.0	3.0	6.0	3.5	0.
200	2392	12	-1.5	0.	-1.0	1.0	-0.5	1.0	0.	6.0	0.5	6.0	1.0	30.0	1.5	24.0	2.0	18.0	2.5	8.0	3.0	4.0
201	2392		3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2393	13	-1.0	0.	-0.5	3.0	0.	5.0	0.5	15.0	1.0	23.0	1.5	24.0	2.0	17.0	2.5	6.0	3.0	3.0	3.5	1.0
201	2393		4.0	1.0	4.5	2.0	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2394	9	-0.5	0.	0.	3.0	0.5	11.0	1.0	42.0	1.5	24.0	2.0	12.0	2.5	7.0	3.0	1.0	3.5	0.	0.	0.
200	2395	13	-1.5	0.	-1.0	9.0	-0.5	6.0	0.	19.0	0.5	22.0	1.0	20.0	1.5	8.0	2.0	10.0	2.5	4.0	3.0	0.
201	2395		3.5	1.0	4.0	1.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2396	12	-1.5	0.	-1.0	2.0	-0.5	3.0	0.	2.0	0.5	12.0	1.0	23.0	1.5	32.0	2.0	6.0	2.5	12.0	3.0	4.0
201	2396		3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2397	10	-0.5	0.	0.	4.0	0.5	4.0	1.0	14.0	1.5	32.0	2.0	28.0	2.5	10.0	3.0	4.0	3.5	4.0	4.0	0.
200	2400	9	1.0	0.	1.5	1.0	2.0	15.0	2.5	24.0	3.0	38.0	3.5	20.0	4.0	1.0	4.5	1.0	5.0	0.	0.	0.
200	2401	8	0.5	0.	1.0	2.0	1.5	2.0	2.0	28.0	2.5	38.0	3.0	26.0	3.5	4.0	4.0	0.	0.	0.	0.	0.
200	2402	9	0.	0.	0.5	1.0	1.0	16.0	1.5	22.0	2.0	11.0	2.5	20.0	3.0	19.0	3.5	5.0	4.0	0.	0.	0.
200	2403	9	0.	0.	0.5	1.0	1.0	3.0	1.5	5.0	2.0	38.0	2.5	22.0	3.0	26.0	3.5	5.0	4.0	0.	0.	0.
200	2404	12	-1.5	0.	-1.0	1.0	-0.5	9.0	0.	24.0	0.5	36.0	1.0	4.0	1.5	3.0	2.0	10.0	2.5	9.0	3.0	3.0
201	2404		3.5	1.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2405	10	-0.5	0.	0.	1.0	0.5	1.0	1.0	2.0	1.5	2.0	2.0	28.0	2.5	17.0	3.0	38.0	3.5	10.0	4.0	0.
200	2406	7	1.0	0.	1.5	2.0	2.0	28.0	2.5	40.0	3.0	26.0	3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.
200	2407	8	0.5	0.	1.0	4.0	1.5	18.0	2.0	33.0	2.5	23.0	3.0	20.0	3.5	2.0	4.0	0.	0.	0.	0.	0.
200	2408	11	-1.5	0.	-1.0	1.0	-0.5	2.0	0.	3.0	0.5	32.0	1.0	38.0	1.5	9.0	2.0	9.0	2.5	3.0	3.0	3.0
201	2408		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2409	13	-2.0	0.	-1.5	7.0	-1.0	11.0	-0.5	12.0	0.	16.0	0.5	20.0	1.0	17.0	1.5	6.0	2.0	5.0	2.5	2.0
201	2409		3.0	2.0	3.5	1.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2410	11	-1.5	0.	-1.0	10.0	-0.5	7.0	0.	7.0	0.5	22.0	1.0	32.0	1.5	12.0	2.0	6.0	2.5	2.0	3.0	2.0
201	2410		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2411	12	-1.5	0.	-1.0	1.0	-0.5	3.0	0.	10.0	0.5	41.0	1.0	31.0	1.5	6.0	2.0	3.0	2.5	2.0	3.0	1.0
201	2411		3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2412	11	-1.5	0.	-1.0	5.0	-0.5	3.0	0.	4.0	0.5	6.0	1.0	26.0	1.5	28.0	2.0	15.0	2.5	7.0	3.0	5.0
201	2412		3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2413	11	-4.0	0.	-3.0	15.2	-2.0	12.5	-1.0	5.4	0.	0.	1.0	0.	2.0	2.9	3.0	42.0	4.0	17.0	5.0	5.0
201	2413		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2414	13	-4.0	0.	-3.0	8.6	-2.0	8.4	-1.0	8.0	0.	0.	1.0	3.0	2.0	12.0	3.0	43.0	4.0	8.0	5.0	3.8
201	2414		6.0	2.2	7.0	3.0	8.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2415	13	0.	0.	1.0	3.0	2.0	11.0	3.0	56.0	4.0	18.3	5.0	4.3	6.0	2.0	7.0	1.4	8.0	0.8	9.0	0.3
201	2415		10.0	0.6	11.0	2.3	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2416	10	-1.5	0.	-1.0	3.0	-0.5	3.0	0.	46.0	0.5	38.0	1.0	4.0	1.5	1.0	2.0	1.0	2.5	4.0	3.0	0.
200	2417	10	-1.5	0.	-1.0	2.0	-0.5	1.0	0.	1.0	0.5	28.0	1.0	38.0	1.5	14.0	2.0	11.0	2.5	5.0	3.0	0.
200	2418	12	-1.0	0.	-0.5	1.0	0.	0.	0.5	3.0	1.0	6.0	1.5	28.0	2.0	12.0	2.5	22.0	3.0	18.0	3.5	6.0
201	2418		4.0	4.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2419	12	-1.0	0.	-0.5	3.0	0.	2.0	0.5	15.0	1.0	50.0	1.5	18.0	2.0	4.0	2.5	3.0	3.0	2.0	3.5	1.0
201	2419		4.0	2.0	4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2420	9	-0.5	0.	0.	10.0	0.5	6.0	1.0	24.0	1.5	26.0	2.0	16.0	2.5	10.0	3.0	8.0	3.5	0.	0.	0.
200	2421	12	-1.5	0.	-1.0	2.0	-0.5	2.0	0.	5.0	0.5	29.0	1.0	28.0	1.5	8.0	2.0	9.0	2.5	10.0	3.0	5.0
201	2421		3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2422	8	0.5	0.	1.0	1.0	1.5	2.0	2.0	47.0	2.5	18.0	3.0	26.0	3.5	6.0	4.0	0.	0.	0.	0.	0.
200	2423	10	-0.5	0.	0.	1.0	0.5	1.0	1.0	2.0	1.5	7.0	2.0	44.0	2.5	22.0	3.0	17.0	3.5	6.0	4.0	0.
200	2424	9	0.	0.	0.5	1.0	1.0	1.0	1.5	2.0	2.0	46.0	2.5	22.0	3.0	18.0	3.5	10.0	4.0	0.	0.	0.
200	2425	10	0.	0.	0.5	3.0	1.0	2.0	1.5	4.0	2.0	16.0	2.5	21.0	3.0	24.0	3.5	27.0	4.0	3.0	4.5	0.
200	2426	13	-2.0	0.	-1.5	2.0	-1.0	3.0	-0.5	3.0	0.	8.0	0.5	29.0	1.0	23.0	1.5	1.0	2.0	3.0	2.5	8.0
201	2426		3.0	11.0	3.5	9.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2427	12	-1.5	0.	-1.0	11.0	-0.5	9.0	0.	8.0	0.5	22.0	1.0	32.0	1.5	1.0	2.0	3.0	2.5	7.0	3.0	4.0
201	2427		3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2428	9	0.	0.	0.5	1.0	1.0	12.0	1.5	39.0	2.0	11.0	2.5	20.0	3.0	12.0	3.5	5.0	4.0	0.	0.	0.
200	2429	11	-0.5	0.	0.	1.0	0.5	2.0	1.0	10.0	1.5	26.0	2.0	17.0	2.5	20.0	3.0	17.0	3.5	4.0	4.0	3.0
201	2429		4.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2430	13	2.0	0.	3.0	10.0	4.0	39.0	5.0	27.1	6.0	5.6	7.0	3.8	8.0	2.1	9.0	1.9	10.0	2.6	11.0	1.9
201	2430		12.0	1.7	13.0	4.3	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2431	14	0.	0.	1.0	1.0	2.0	4.0	3.0	26.0	4.0	41.0	5.0	13.0	6.0	3.4	7.0	2.0	8.0	1.6	9.0	1.2
201	2431		10.0	1.7	11.0	1.3	12.0	3.8	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2432	12	1.0	0.	2.0	3.0	3.0	27.0	4.0	47.0	5.0	9.2	6.0	4.5	7.0	2.7	8.0	1.9	9.0	0.9	10.0	0.8
201	2432		11.0	3.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2433	9	0.	0.	0.5	1.0	1.0	3.0	1.5	14.0	2.0	30.0	2.5	24.0	3.0	20.0	3.5	8.0	4.0	0.	0.	0.
200	2434	18	-2.0	0.	-1.0	5.6	0.	1.4	1.0	6.0	2.0	18.0	3.0	18.0	4.0	19.0	5.0	11.3	6.0	3.4	7.0	2.0
201	2434		8.0	1.7	9.0	1.4	10.0	1.3	11.0	3.0	12.0	1.6	13.0	1.3	14.0	5.0	15.0	0.	0.	0.	0.	0.
200	2435	13	0.	0.	1.0	3.0	2.0	41.0	3.0	30.0	4.0	11.0	5.0	7.5	6.0	2.4	7.0	1.4	8.0	0.8	9.0	0.6
201	2435		10.0	0.3	11.0	2.0	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2436	13	0.	0.	1.0	9.0	2.0	3.0	3.0	29.0	4.0	44.0	5.0	8.1	6.0	2.3	7.0	1.2	8.0	0.5	9.0	0.3
201	2436		10.0	0.1	11.0	2.5	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2437	12	1.0	0.	2.0	4.0	3.0	31.0	4.0	35.0	5.0	12.6	6.0	11.0	7.0	1.0	8.0	1.4	9.0	0.6	10.0	1.3
201	2437		11.0	2.1	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2438	11	-5.0	0.	-4.0	23.3	-3.0	17.5	-2.0	20.0	-1.0	32.2	0.	1.5	1.0	3.5	2.0	1.0	3.0	0.5	4.0	0.5
201	2438		5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2439	10	-2.0	0.	-1.0	17.7	0.	0.	1.0	0.	2.0	14.3	3.0	52.0	4.0	8.0	5.0	4.2	6.0	3.8	7.0	0.
200	2440	11	-4.0	0.	-3.0	4.5	-2.0	3.4	-1.0	5.4	0.	0.	1.0	3.7	2.0	39.0	3.0	37.0	4.0	2.0	5.0	5.0
201	2440		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2441	9	-1.0	0.	0.	3.0	1.0	5.0	2.0	45.0	3.0	30.0	4.0	11.0	5.0	4.0	6.0	2.0	7.0	0.	0.	0.
200	2442	14	-1.0	0.	0.	3.0	1.0	6.0	2.0	23.0	3.0	14.0	4.0	24.0	5.0	22.8	6.0	2.0	7.0	1.1	8.0	0.1
201	2442		9.0	0.7	10.0	0.4	11.0	2.9	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2443	17	-1.0	0.	0.	3.0	1.0	2.0	2.0	13.0	3.0	5.0	4.0	30.0	5.0	23.5	6.0	4.8	7.0	2.4	8.0	1.6
201	2443		9.0	1.6	10.0	1.5	11.0	3.8	12.0	2.1	13.0	1.7	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.
200	2444	16	1.0	0.	2.0	2.0	3.0	15.0	4.0	26.5	5.0	19.8	6.0	10.3	7.0	4.5	8.0	2.1	9.0	2.3	10.0	2.4
201	2444		11.0	4.8	12.0	3.2	13.0	0.9	14.0	1.4	15.0	4.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2445	13	1.0	0.	2.0	8.0	3.0	49.0	4.0	22.5	5.0	6.3	6.0	3.2	7.0	1.5	8.0	1.0	9.0	1.3	10.0	0.6
201	2445		11.0	1.6	12.0	5.0	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2446	18	0.	0.	1.0	1.0	2.0	4.0	3.0	13.0	4.0	19.0	5.0	21.1	6.0	9.2	7.0	5.0	8.0	2.4	9.0	2.1
201	2446		10.0	2.9	11.0	5.6	12.0	4.7	13.0	2.5	14.0	1.6	15.0	1.6	16.0	4.3	17.0	0.	0.	0.	0.	0.
200	2447	15	-2.0	0.	-1.0	5.0	0.	8.0	1.0	20.0	2.0	19.0	3.0	21.0	4.0	11.7	5.0	4.4	6.0	2.5	7.0	1.2
201	2447		8.0	0.8	9.0	0.8	10.0	0.7	11.0	4.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2448	15	-2.0	0.	-1.0	7.0	0.	10.0	1.0	21.0	2.0	22.0	3.0	10.0	4.0	14.0	5.0	8.7	6.0	1.5	7.0	0.8
201	2448		8.0	0.2	9.0	0.6	10.0	0.4	11.0	3.8	12.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2449	16	0.	0.	1.0	2.0	2.0	2.0	3.0	23.0	4.0	38.0	5.0	17.6	6.0	3.9	7.0	1.6	8.0	1.0	9.0	1.2
201	2449		10.0	0.9	11.0	2.5	12.0	1.1	13.0	0.9	14.0	4.2	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2450	14	2.0	0.	3.0	12.0	4.0	16.0	5.0	32.5	6.0	11.3	7.0	4.7	8.0	2.4	9.0	3.1	10.0	3.4	11.0	4.6
201	2450		12.0	3.0	13.0	2.0	14.0	5.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2451	16	2.0	0.	3.0	5.3	4.0	20.0	5.0	29.4	6.0	12.3	7.0	6.0	8.0	3.4	9.0	3.8	10.0	4.4	11.0	3.2
201	2451		12.0	3.0	13.0	2.2	14.0	1.9	15.0	1.4	16.0	3.7	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2452	12	-4.0	0.	-3.0	32.7	-2.0	16.6	-1.0	7.0	0.	0.	1.0	0.7	2.0	4.0	3.0	22.0	4.0	1.0	5.0	15.7
201	2452		6.0	0.3	7.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2453	9	-1.0	0.	0.	2.0	1.0	6.0	2.0	19.0	3.0	35.0	4.0	30.0	5.0	7.4	6.0	0.6	7.0	0.	0.	0.
200	2454	13	3.0	0.	4.0	22.0	5.0	33.9	6.0	14.0	7.0	6.1	8.0	4.1	9.0	3.1	10.0	3.4	11.0	4.4	12.0	3.0
201	2454		13.0	2.2	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2455	17	0.	0.	1.0	1.0	2.0	3.0	3.0	6.0	4.0	13.0	5.0	35.5	6.0	13.2	7.0	4.7	8.0	2.5	9.0	2.0
201	2455		10.0	2.8	11.0	4.5	12.0	3.0	13.0	2.4	14.0	1.8	15.0	4.6	16.0	0.	0.	0.	0.	0.	0.	0.
200	2456	15	1.0	0.	2.0	16.0	3.0	21.0	4.0	10.0	5.0	24.9	6.0	8.2	7.0	3.1	8.0	2.0	9.0	1.7	10.0	2.6
201	2456		11.0	2.9	12.0	2.0	13.0	1.8	14.0	3.8	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2457	17	1.0	0.	2.0	2.0	3.0	11.0	4.0	17.0	5.0	29.6	6.0	13.0	7.0	4.6	8.0	2.3	9.0	1.8	10.0	3.2
201	2457		11.0	3.1	12.0	2.4	13.0	2.3	14.0	1.7	15.0	1.4	16.0	4.6	17.0	0.	0.	0.	0.	0.	0.	0.
200	2458	15	1.0	0.	2.0	7.0	3.0	25.0	4.0	16.0	5.0	24.3	6.0	7.2	7.0	3.3	8.0	1.9	9.0	1.4	10.0	2.4
201	2458		11.0	3.3	12.0	2.0	13.0	1.5	14.0	4.7	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2459	11	-4.0	0.	-3.0	3.3	-2.0	7.1	-1.0	7.8	0.	2.8	1.0	21.0	2.0	16.0	3.0	15.0	4.0	11.0	5.0	16.0
201	2459		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2460	15	1.0	0.	2.0	3.0	3.0	22.0	4.0	18.0	5.0	33.2	6.0	5.5	7.0	2.4	8.0	1.4	9.0	1.4	10.0	1.7
201	2460		11.0	3.4	12.0	2.0	13.0	1.5	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2461	14	-5.0	0.	-4.0	2.0	-3.0	7.1	-2.0	12.2	-1.0	6.1	0.	0.6	1.0	4.0	2.0	20.0	3.0	20.0	4.0	14.0
201	2461		5.0	8.5	6.0	3.6	7.0	1.9	8.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2462	15	2.0	0.	3.0	1.6	4.0	3.2	5.0	21.8	6.0	19.9	7.0	11.8	8.0	5.2	9.0	6.4	10.0	7.2	11.0	6.2
201	2462		12.0	5.5	13.0	4.1	14.0	2.8	15.0	4.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2464	10	-2.0	0.	-1.0	8.3	0.	1.7	1.0	2.0	2.0	4.0	3.0	48.0	4.0	26.0	5.0	8.3	6.0	1.7	7.0	0.
200	2465	18	-5.0	0.	-4.0	11.9	-3.0	3.2	-2.0	3.2	-1.0	3.2	0.	0.5	1.0	0.	2.0	13.0	3.0	30.0	4.0	20.0
201	2465		5.0	4.4	6.0	1.8	7.0	1.3	8.0	0.7	9.0	1.1	10.0	1.4	11.0	4.3	12.0	0.	0.	0.	0.	0.
200	2466	11	-4.0	0.	-3.0	10.1	-2.0	15.4	-1.0	10.6	0.	1.9	1.0	11.0	2.0	21.0	3.0	15.0	4.0	13.0	5.0	2.0
201	2466		6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2467	13	-6.0	0.	-5.0	27.5	-4.0	18.0	-3.0	4.3	-2.0	4.8	-1.0	1.2	0.	0.	1.0	0.	2.0	15.2	3.0	21.0
201	2467		4.0	3.0	5.0	5.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2468	21	-4.0	0.	-3.0	6.9	-2.0	5.2	-1.0	2.3	0.	0.6	1.0	2.0	2.0	1.0	3.0	10.0	4.0	14.0	5.0	18.6
201	2468		6.0	8.5	7.0	4.0	8.0	2.1	9.0	2.5	10.0	4.1	11.0	5.5	12.0	3.5	13.0	2.7	14.0	2.2	15.0	4.3
202	2468		16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2469	16	0.	0.	1.0	2.0	2.0	9.0	3.0	21.0	4.0	25.0	5.0	15.1	6.0	6.9	7.0	3.3	8.0	2.2	9.0	1.8
201	2469		10.0	2.8	11.0	3.6	12.0	2.2	13.0	1.5	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.

CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
200	2470	12	-5.0	0.	-4.0	6.5	-3.0	12.7	-2.0	19.4	-1.0	12.9	0.	0.	1.0	5.5	2.0	28.0	3.0	10.0	4.0	3.0
201	2470		5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2471	22	-4.0	0.	-3.0	5.1	-2.0	2.5	-1.0	1.2	0.	0.2	1.0	0.3	2.0	1.4	3.0	4.8	4.0	4.7	5.0	13.3
201	2471		6.0	11.9	7.0	7.3	8.0	5.3	9.0	4.1	10.0	7.5	11.0	8.4	12.0	5.9	13.0	5.2	14.0	3.7	15.0	2.8
202	2471		16.0	4.4	17.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2472	14	-5.0	0.	-4.0	2.9	-3.0	6.0	-2.0	14.5	-1.0	7.8	0.	0.8	1.0	6.0	2.0	38.0	3.0	14.0	4.0	3.0
201	2472		5.0	2.2	6.0	1.6	7.0	3.2	8.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2473	10	-4.0	0.	-3.0	1.3	-2.0	5.4	-1.0	4.1	0.	1.2	1.0	3.0	2.0	70.0	3.0	12.0	4.0	3.0	5.0	0.
200	2474 A	21	-4.0	0.	-3.0	18.7	-2.0	18.6	-1.0	2.4	0.	0.	1.0	0.3	2.0	2.0	3.0	5.5	4.0	4.1	5.0	10.3
201	2474 A		6.0	5.1	7.0	4.9	8.0	3.1	9.0	2.7	10.0	4.9	11.0	5.2	12.0	3.5	13.0	2.9	14.0	2.2	15.0	3.6
202	2474 A		16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2475	10	-4.0	0.	-3.0	14.2	-2.0	43.4	-1.0	20.7	0.	2.7	1.0	12.5	2.0	2.3	3.0	1.2	4.0	3.0	5.0	0.
200	2476	12	-5.0	0.	-4.0	4.5	-3.0	0.9	-2.0	3.3	-1.0	6.3	0.	2.0	1.0	8.0	2.0	56.0	3.0	13.0	4.0	3.0
201	2476		5.0	3.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2478	12	-5.0	0.	-4.0	5.2	-3.0	4.5	-2.0	2.5	-1.0	3.9	0.	0.9	1.0	2.0	2.0	47.0	3.0	19.0	4.0	13.0
201	2478		5.0	2.0	6.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2479	10	-4.0	0.	-3.0	0.4	-2.0	7.5	-1.0	18.4	0.	4.7	1.0	21.0	2.0	40.0	3.0	6.0	4.0	2.0	5.0	0.
200	2507 A	16	-1.0	0.	0.	1.0	1.0	8.0	2.0	10.0	3.0	5.0	4.0	8.0	5.0	27.2	6.0	11.3	7.0	7.1	8.0	5.1
201	2507 A		9.0	4.0	10.0	3.6	11.0	3.0	12.0	2.1	13.0	4.6	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2507 B	16	-1.0	0.	0.	2.0	1.0	10.0	2.0	8.0	3.0	4.0	4.0	7.5	5.0	26.0	6.0	13.3	7.0	7.2	8.0	4.8
201	2507 B		9.0	4.1	10.0	3.9	11.0	2.6	12.0	2.1	13.0	4.5	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2507 C	16	-1.0	0.	0.	1.0	1.0	9.0	2.0	13.0	3.0	4.0	4.0	7.0	5.0	25.9	6.0	12.0	7.0	7.1	8.0	4.5
201	2507 C		9.0	3.6	10.0	3.4	11.0	2.7	12.0	2.1	13.0	4.7	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2507 D	17	-1.0	0.	0.	1.0	1.0	13.5	2.0	8.5	3.0	3.5	4.0	4.5	5.0	23.4	6.0	13.2	7.0	8.1	8.0	5.2
201	2507 D		9.0	4.1	10.0	3.9	11.0	2.8	12.0	2.4	13.0	1.9	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.
200	2507 E	16	0.	0.	1.0	9.0	2.0	12.0	3.0	5.5	4.0	8.5	5.0	29.6	6.0	9.6	7.0	6.3	8.0	3.3	9.0	2.9
201	2507 E		10.0	2.9	11.0	2.1	12.0	1.8	13.0	1.5	14.0	5.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2507 F	17	-1.0	0.	0.	1.0	1.0	4.0	2.0	6.0	3.0	6.0	4.0	9.0	5.0	32.2	6.0	13.3	7.0	7.5	8.0	4.0
201	2507 F		9.0	2.9	10.0	3.0	11.0	2.8	12.0	2.1	13.0	1.7	14.0	4.6	15.0	0.	0.	0.	0.	0.	0.	0.
200	2507 G	17	-1.0	0.	0.	1.0	1.0	8.0	2.0	11.0	3.0	7.0	4.0	6.5	5.0	25.1	6.0	12.4	7.0	7.0	8.0	4.0
201	2507 G		9.0	3.3	10.0	3.5	11.0	3.0	12.0	2.2	13.0	1.7	14.0	4.3	15.0	0.	0.	0.	0.	0.	0.	0.
200	2507 H	18	-1.0	0.	0.	1.0	1.0	7.0	2.0	9.0	3.0	5.5	4.0	7.5	5.0	27.1	6.0	12.4	7.0	7.2	8.0	4.1
201	2507 H		9.0	3.6	10.0	3.6	11.0	2.9	12.0	2.3	13.0	2.0	14.0	1.5	15.0	4.3	16.0	0.	0.	0.	0.	0.
200	2507 I	15	-1.0	0.	0.	7.0	1.0	25.0	2.0	13.0	3.0	5.0	4.0	6.0	5.0	17.3	6.0	5.5	7.0	6.7	8.0	2.7
201	2507 I		9.0	2.5	10.0	2.3	11.0	2.3	12.0	4.7	13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2507 J	17	-1.0	0.	0.	1.0	1.0	13.0	2.0	17.0	3.0	5.0	4.0	6.0	5.0	23.0	6.0	10.3	7.0	5.7	8.0	3.7
201	2507 J		9.0	3.1	10.0	3.0	11.0	2.3	12.0	1.8	13.0	1.5	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.
200	2543 A	6	1.5	0.	2.0	26.0	2.5	50.0	3.0	21.0	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 B	6	1.5	0.	2.0	9.0	2.5	55.0	3.0	32.0	3.5	4.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 C	6	1.5	0.	2.0	22.0	2.5	47.0	3.0	28.0	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 D	6	1.5	0.	2.0	13.0	2.5	55.0	3.0	31.0	3.5	1.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 E	5	1.5	0.	2.0	33.0	2.5	28.0	3.0	39.0	3.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 F	6	1.5	0.	2.0	16.0	2.5	29.0	3.0	50.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 G	6	1.5	0.	2.0	15.0	2.5	46.0	3.0	36.0	3.5	3.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 H	6	1.5	0.	2.0	27.0	2.5	41.0	3.0	30.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 I	6	1.5	0.	2.0	24.0	2.5	41.0	3.0	33.0	3.5	2.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2543 J	6	1.5	0.	2.0	17.0	2.5	43.0	3.0	35.0	3.5	5.0	4.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2551 A	20	-7.0	0.	-6.0	3.5	-5.0	0.3	-4.0	5.5	-3.0	4.9	-2.0	6.0	-1.0	5.6	0.	5.0	1.0	6.0	2.0	17.0
201	2551 A		3.0	15.0	4.0	10.0	5.0	7.1	6.0	2.2	7.0	2.0	8.0	1.9	9.0	1.9	10.0	1.8	11.0	4.3	12.0	0.
200	2551 B	23	-6.0	0.	-5.0	0.5	-4.0	6.5	-3.0	3.9	-2.0	3.9	-1.0	2.6	0.	1.1	1.0	4.0	2.0	7.0	3.0	8.0
201	2551 B		4.0	11.0	5.0	9.0	6.0	6.4	7.0	5.5	8.0	6.0	9.0	5.1	10.0	4.2	11.0	3.5	12.0	2.1	13.0	3.3
202	2551 B		14.0	1.9	15.0	4.5	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2551 C	22	-7.0	0.	-6.0	4.5	-5.0	1.1	-4.0	5.7	-3.0	2.3	-2.0	1.7	-1.0	1.2	0.	2.5	1.0	7.5	2.0	20.0
201	2551 C		3.0	14.0	4.0	11.0	5.0	8.9	6.0	1.9	7.0	2.7	8.0	2.4	9.0	2.6	10.0	1.9	11.0	1.5	12.0	1.3
202	2551 C		13.0	4.4	14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2551 D	21	-7.0	0.	-6.0	6.9	-5.0	0.	-4.0	7.5	-3.0	5.3	-2.0	5.0	-1.0	3.5	0.	3.0	1.0	4.0	2.0	16.0
201	2551 D		3.0	15.0	4.0	11.0	5.0	8.2	6.0	2.2	7.0	1.8	8.0	2.1	9.0	1.7	10.0	1.8	11.0	1.0	12.0	4.0
202	2551 D		13.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2551 E	19	-5.0	0.	-4.0	4.9	-3.0	2.1	-2.0	2.4	-1.0	2.5	0.	1.0	1.0	3.0	2.0	15.0	3.0	25.0	4.0	16.0
201	2551 E		5.0	10.3	6.0	2.7	7.0	2.2	8.0	2.4	9.0	2.2	10.0	2.2	11.0	1.4	12.0	4.6	13.0	0.	0.	0.
200	2551 F	20	-5.0	0.	-4.0	2.4	-3.0	4.6	-2.0	4.2	-1.0	4.1	0.	3.0	1.0	4.0	2.0	19.0	3.0	16.0	4.0	16.0
201	2551 F		5.0	11.9	6.0	1.9	7.0	2.0	8.0	2.2	9.0	1.8	10.0	1.8	11.0	1.3	12.0	1.0	13.0	3.8	14.0	0.
200	2551 G	19	-5.0	0.	-4.0	0.5	-3.0	2.0	-2.0	1.8	-1.0	2.1	0.	2.0	1.0	5.0	2.0	24.0	3.0	20.0	4.0	15.0
201	2551 G		5.0	9.2	6.0	2.7	7.0	2.3	8.0	2.6	9.0	2.6	10.0	2.4	11.0	1.3	12.0	4.6	13.0	0.	0.	0.
200	2551 H	20	-5.0	0.	-4.0	2.3	-3.0	3.4	-2.0	4.2	-1.0	4.7	0.	2.0	1.0	7.0	2.0	22.0	3.0	12.0	4.0	12.0
201	2551 H		5.0	8.7	6.0	3.5	7.0	2.7	8.0	2.7	9.0	2.5	10.0	2.3	11.0	1.7	12.0	1.4	13.0	4.9	14.0	0.
200	2551 I	20	-5.0	0.	-4.0	1.4	-3.0	3.6	-2.0	2.9	-1.0	2.0	0.	1.0	1.0	6.0	2.0	24.0	3.0	20.0	4.0	13.0
201	2551 I		5.0	8.0	6.0	2.7	7.0	2.3	8.0	2.4	9.0	2.0	10.0	1.8	11.0	1.4	12.0	1.2	13.0	4.3	14.0	0.
200	2551 J	21	-6.0	0.	-5.0	0.2	-4.0	0.8	-3.0	3.4	-2.0	3.2	-1.0	3.7	0.	1.0	1.0	4.0	2.0	13.0	3.0	24.0
201	2551 J		4.0	16.0	5.0	10.0	6.0	3.1	7.0	2.5	8.0	2.7	9.0	2.5	10.0	2.2	11.0	1.8	12.0	1.4	13.0	4.4
202	2551 J		14.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2560 A	14	3.0	0.	4.0	0.3	5.0	3.8	6.0	10.3	7.0	10.3	8.0	13.2	9.0	14.8	10.0	14.2	11.0	13.1	12.0	9.0
201	2560 A		13.0	5.5	14.0	3.1	15.0	2.4	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 A	13	3.0	0.	4.0	0.1	5.0	1.8	6.0	6.6	7.0	9.3	8.0	15.5	9.0	16.4	10.0	15.0	11.0	14.8	12.0	10.1
201	2562 A		13.0	5.9	14.0	4.5	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 B	14	3.0	0.	4.0	0.1	5.0	2.0	6.0	6.1	7.0	9.9	8.0	16.3	9.0	12.6	10.0	14.7	11.0	12.8	12.0	10.0
201	2562 B		13.0	6.9	14.0	4.3	15.0	4.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 C	14	3.0	0.	4.0	0.1	5.0	1.9	6.0	6.7	7.0	9.3	8.0	14.1	9.0	15.6	10.0	14.4	11.0	15.4	12.0	10.5
201	2562 C		13.0	6.3	14.0	3.4	15.0	3.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 D	14	3.0	0.	4.0	0.2	5.0	1.1	6.0	6.2	7.0	9.5	8.0	13.5	9.0	16.0	10.0	14.1	11.0	16.4	12.0	10.6
201	2562 D		13.0	6.7	14.0	2.4	15.0	3.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 E	13	3.0	0.	4.0	0.2	5.0	1.2	6.0	6.8	7.0	9.7	8.0	15.6	9.0	17.4	10.0	14.8	11.0	15.8	12.0	9.5
201	2562 E		13.0	5.4	14.0	3.6	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 F	13	3.0	0.	4.0	0.2	5.0	1.6	6.0	6.3	7.0	9.4	8.0	15.5	9.0	16.7	10.0	15.4	11.0	15.3	12.0	9.8
201	2562 F		13.0	5.8	14.0	4.0	15.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 G	14	3.0	0.	4.0	0.1	5.0	1.5	6.0	4.2	7.0	10.0	8.0	14.4	9.0	14.5	10.0	12.7	11.0	16.6	12.0	11.4
201	2562 G		13.0	7.5	14.0	4.1	15.0	3.0	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 H	14	3.0	0.	4.0	0.1	5.0	0.6	6.0	4.8	7.0	10.2	8.0	15.6	9.0	15.3	10.0	12.6	11.0	16.8	12.0	12.0
201	2562 H		13.0	5.7	14.0	3.7	15.0	2.6	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 I	14	3.0	0.	4.0	0.2	5.0	1.9	6.0	4.3	7.0	10.5	8.0	15.3	9.0	15.5	10.0	13.0	11.0	16.3	12.0	10.8

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CODE #	STATION #	NO. OF CLASSES	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %	PHI CLASS	WT. %
201	2562 I		13.0	6.7	14.0	3.5	15.0	2.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2562 J	14	3.0	0.	4.0	0.2	5.0	1.4	6.0	5.1	7.0	10.2	8.0	15.7	9.0	15.3	10.0	13.4	11.0	16.7	12.0	10.0
201	2562 J		13.0	6.4	14.0	3.3	15.0	2.3	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2564 A	10	-6.0	0.	-5.0	4.2	-4.0	12.1	-3.0	9.4	-2.0	5.1	-1.0	5.0	0.	8.0	1.0	50.0	2.0	6.2	3.0	0.
200	2567 A	13	-7.0	0.	-6.0	4.4	-5.0	0.9	-4.0	14.2	-3.0	9.7	-2.0	5.5	-1.0	2.2	0.	6.0	1.0	18.0	2.0	32.0
201	2567 A		3.0	6.0	4.0	1.1	5.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
200	2568 A	15	2.0	0.	3.0	3.0	4.0	5.5	5.0	9.2	6.0	7.4	7.0	7.8	8.0	11.1	9.0	12.6	10.0	12.4	11.0	9.8
201	2568 A		12.0	7.3	13.0	5.4	14.0	3.7	15.0	4.8	16.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Code Line 210 Gravel, sand, silt, and clay distribution

Code line 210 gives the weight percent of material in the gravel, sand, silt, and clay fractions of the samples. These values were calculated from the data of line 200 of the file (see introduction for line 200, p.). Four sets of values are given: (1) gravel, sand, silt, and clay using phi = 8 (4 micrometers) as the dividing line between the silt and clay fractions; (2) sand, silt, and clay (less than 4 micrometers) recalculated to 100 percent on a gravel-free basis. The purpose of these values is to provide information on the gravel-free fraction, that part of the sample to which most of the other analytical work of the program applies; (3) gravel, sand, silt, and clay using phi = 9 (2 micrometers) as the dividing line between silt and clay; (4) sand, silt, and clay (less than 2 micrometers) recalculated to 100 percent on a gravel free basis. The division between silt and clay at a particle diameter of 4 micrometers is used by most sedimentary petrologists, whereas the division at 2 micrometers is generally used by soil scientists and clay mineralogists.

Acknowledgements

The grain size analyses were made by John Schlee, assisted by J.R. Frothingham, Jr., and Carlyle R. Hayes.

Explanation of headings

CODE #	210 denotes gravel, sand, silt, and clay weight percents.
STATION #	As described under code line 100 above.
GVL	Gravel, particles greater than phi = -1 (> 2 mm) in diameter.
SAND	Sand, particles between phi = -1 and phi = 4 (2 mm to 0.0625 mm) in diameter.
SILT	Silt, particles between phi = 4 and phi = 8 (0.0625 mm to 0.0039 mm) for the first two sets of data, and between phi = 4 and phi = 9 (0.0625 mm to 0.00195 mm) for the second two sets of data.
CLAY <4MU	Clay, particles less than phi = 8 (0.0039 mm - approximately 4 micrometers) in diameter.
CLAY <2MU	Clay, particles less than phi = 9 (0.00195 mm = approximately 2 micrometers) in diameter.
*	An asterisk following the line of data indicates that the values may not agree with the data given in line 200 because insufficient amounts of gravel were available to make sieve analyses of sizes within the gravel fraction.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
210	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Gravel	21-25	F	5	24	1
	Sand	26-30	F	5	29	1
	Silt	31-35	F	5	34	1
	Clay <4 micrometers	36-40	F	5	39	1
	On gravel free basis:					
	Sand	46-50	F	5	49	1
	Silt	51-55	F	5	54	1
	Clay <4 micrometers	56-60	F	5	59	1
	Gravel	66-70	F	5	69	1
	Sand	71-75	F	5	74	1
	Silt	76-80	F	5	79	1
	Clay <2 micrometers	81-85	F	5	84	1
	On gravel free basis:					
	Sand	91-95	F	5	94	1
	Silt	96-100	F	5	99	1
	Clay <2 micrometers	101-105	F	5	104	1

CODE #	STATION #	PERCENT IN FRACTION				ON GRAVEL FREE BASIS						ON GRAVEL FREE BASIS		
		GVL	SAND	SILT	CLAY<4MU	SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	SAND	SILT	CLAY<2MU
210	A002	46.0	54.0	0.0	0.0	100.0	0.0	0.0	46.0	54.0	0.0	0.0	100.0	0.0	0.0
210	A003	6.0	93.6	0.0	0.0	100.0	0.0	0.0	6.0	93.6	0.4	0.0	100.0	0.0	0.0
210	A012	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A015	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A016	16.0	84.0	0.0	0.0	100.0	0.0	0.0	16.0	84.0	0.0	0.0	100.0	0.0	0.0
210	A020	4.0	58.1	25.8	12.7	60.1	26.7	13.1	4.0	58.1	31.2	6.7	60.5	32.5	7.0
210	A023	23.0	36.8	20.6	19.6	47.8	26.8	25.5	23.0	36.8	27.7	12.5	47.8	36.0	16.2
210	A026	65.0	35.1	0.0	0.0	100.0	0.0	0.0	65.0	35.1	0.0	0.0	100.0	0.0	0.0
210	A036	4.0	96.2	0.0	0.0	100.0	0.0	0.0	4.0	96.2	0.0	0.0	100.0	0.0	0.0
210	A037A	25.0	74.9	0.0	0.0	100.0	0.0	0.0	25.0	74.9	0.1	0.0	100.0	0.0	0.0
210	A040	28.0	31.8	24.0	16.2	44.2	33.3	22.5	28.0	31.8	27.9	12.3	44.2	38.7	17.1
210	A041	9.0	27.5	43.9	19.7	30.2	48.2	21.6	9.0	27.5	50.9	12.6	30.2	56.0	13.8
210	A042	0.0	3.0	67.3	29.7	3.0	67.3	29.7	0.0	3.0	78.6	18.4	3.0	78.6	18.4
210	A044	0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	A045	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A046	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0
210	A047	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A048	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A052	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	A055	16.0	84.0	0.0	0.0	100.0	0.0	0.0	16.0	84.0	0.0	0.0	100.0	0.0	0.0
210	B003	13.0	87.1	0.0	0.0	100.0	0.0	0.0	13.0	87.1	0.0	0.0	100.0	0.0	0.0
210	D007	27.0	73.0	0.0	0.0	100.0	0.0	0.0	27.0	73.0	0.0	0.0	100.0	0.0	0.0
210	E001	0.0	17.0	69.4	13.6	17.0	69.4	13.6	0.0	17.0	73.9	9.1	17.0	73.9	9.1
210	E002	0.0	65.5	29.0	5.2	65.5	29.0	5.2	0.0	65.5	31.3	3.2	65.5	31.3	3.2
210	E003	0.0	48.0	44.4	7.4	48.0	44.4	7.4	0.0	48.0	47.6	4.4	48.0	47.6	4.4
210	E004	0.0	3.0	69.6	27.4	3.0	69.6	27.4	0.0	3.0	80.8	16.2	3.0	80.8	16.2
210	E005	0.0	19.9	45.1	35.0	19.9	45.1	35.0	0.0	19.9	57.3	22.8	19.9	57.3	22.8
210	E006	0.0	1.0	45.0	54.0	1.0	45.0	54.0	0.0	1.0	59.9	39.1	1.0	59.9	39.1
210	E007	0.0	0.3	41.4	58.3	0.3	41.4	58.3	0.0	0.3	65.1	34.6	0.3	65.1	34.6
210	E008	0.0	1.3	55.7	43.0	1.3	55.7	43.0	0.0	1.3	71.8	26.9	1.3	71.8	26.9
210	E009	0.0	2.6	59.3	38.1	2.6	59.3	38.1	0.0	2.6	70.1	27.3	2.6	70.1	27.3
210	E010	0.0	0.9	59.7	39.4	0.9	59.7	39.4	0.0	0.9	72.2	26.9	0.9	72.2	26.9
210	E011	0.0	0.2	41.3	58.5	0.2	41.3	58.5	0.0	0.2	58.9	40.9	0.2	58.9	40.9
210	E012	0.0	1.7	21.5	76.8	1.7	21.5	76.8	0.0	1.7	36.2	62.1	1.7	36.2	62.1
210	E013	0.0	0.5	19.9	79.6	0.5	19.9	79.6	0.0	0.5	38.3	61.2	0.5	38.3	61.2
210	E014	0.0	86.0	10.9	3.4	86.0	10.9	3.4	0.0	86.0	11.5	2.5	86.0	11.5	2.5
210	E015	0.0	76.0	22.0	2.3	76.0	22.0	2.3	0.0	76.0	22.6	1.4	76.0	22.6	1.4
210	E016	0.0	59.0	35.3	5.4	59.0	35.3	5.4	0.0	59.0	37.9	3.1	59.0	37.9	3.1
210	E018	0.0	3.2	53.5	43.3	3.2	53.5	43.3	0.0	3.2	64.7	32.1	3.2	64.7	32.1
210	L090	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L091	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L092	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L093	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L094	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L095	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L096	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L097	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L098	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L099	0.0	100.2	0.0	0.0	100.2	0.0	0.0	0.0	100.2	0.0	0.0	100.2	0.0	0.0
210	L100	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L101	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L102	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L103	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L104	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L105	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L106	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L107	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L108	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L109	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L110	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L111	97.4	2.7	0.0	0.0	100.0	0.0	0.0	97.4	2.7	0.0	0.0	100.0	0.0	0.0
210	L112	75.0	24.8	0.0	0.0	100.0	0.0	0.0	75.0	24.8	0.2	0.0	100.0	0.0	0.0
210	L113	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L114	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L115	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L116	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L117	51.7	48.3	0.0	0.0	100.0	0.0	0.0	51.7	48.3	0.0	0.0	100.0	0.0	0.0
210	L118	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L119	6.0	94.0	0.0	0.0	100.0	0.0	0.0	6.0	94.0	0.0	0.0	100.0	0.0	0.0
210	L120	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L121	0.5	99.5	0.0	0.0	100.0	0.0	0.0	0.5	99.5	0.0	0.0	100.0	0.0	0.0
210	L122	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L123	5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0
210	L124	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L125	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L126	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L127	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L128	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L129	2.0	99.0	0.0	0.0	100.0	0.0	0.0	2.0	99.0	0.0	0.0	100.0	0.0	0.0
210	L130	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L131	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L132	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L133	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L134	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	L135	0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0
210	L136	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0
210	L137	23.0	77.0	0.0	0.0	100.0	0.0	0.0	23.0	77.0	0.0	0.0	100.0	0.0	0.0
210	L138	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0
210	L139	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0
210	L140	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0

PERCENT IN FRACTION

CODE #	STATION #	GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	L141	12.0	88.0	0.0	0.0	100.0	0.0	0.0	12.0	88.0	0.0	0.0	100.0	0.0	0.0	
210	L142	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L143	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L144	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	L145	2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	
210	L146	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L147	2.5	97.5	0.0	0.0	100.0	0.0	0.0	2.5	97.5	0.0	0.0	100.0	0.0	0.0	
210	L148	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L149	5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	
210	L150	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L151	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	L152	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	M001A	0.0	4.3	51.1	44.6	4.3	51.1	44.6	0.0	4.3	65.5	30.2	4.3	65.5	30.2	
210	M003A	0.0	6.7	33.2	60.1	6.7	33.2	60.1	0.0	6.7	51.5	41.8	6.7	51.5	41.8	
210	M005A	0.0	1.3	33.7	65.0	1.3	33.7	65.0	0.0	1.3	55.9	42.8	1.3	55.9	42.8	
210	M006A	13.5	41.6	20.9	24.2	48.0	24.1	27.9	13.5	41.6	28.8	16.1	48.1	33.3	18.6	
210	M007A	4.7	39.8	21.8	33.7	41.8	22.9	35.4	4.7	39.8	33.1	22.4	41.8	34.7	23.6	*
210	M008A	0.0	1.5	36.4	62.1	1.5	36.4	62.1	0.0	1.5	55.5	43.0	1.5	55.5	43.0	
210	M009A	48.5	31.6	9.3	10.6	61.4	18.1	20.6	48.5	31.6	12.5	7.4	61.4	24.3	14.4	
210	M010A	0.0	1.2	48.9	49.9	1.2	48.9	49.9	0.0	1.2	60.6	38.2	1.2	60.6	38.2	
210	M011A	34.8	33.4	17.7	13.8	51.5	27.3	21.3	34.8	33.4	21.6	10.2	51.2	33.1	15.6	*
210	M012A	0.0	15.3	49.3	35.4	15.3	49.3	35.4	0.0	15.3	59.4	25.3	15.3	59.4	25.3	
210	M013A	68.9	17.8	8.1	5.1	57.4	26.1	16.5	68.9	17.8	9.4	3.9	57.2	30.1	12.6	
210	M014B	18.7	38.1	26.0	17.1	46.9	32.0	21.1	18.7	38.1	30.3	12.9	46.9	37.2	15.9	
210	M016A	31.9	38.4	20.8	9.4	56.0	30.3	13.7	31.9	38.4	22.4	7.3	56.4	32.9	10.7	
210	M017A	0.0	72.5	22.4	5.1	72.5	22.4	5.1	0.0	72.5	22.4	5.1	72.5	22.4	5.1	
210	M019A	0.0	41.0	52.4	6.5	41.0	52.4	6.5	0.0	41.0	54.5	4.5	41.0	54.5	4.5	
210	M019B	2.0	58.0	29.9	10.1	59.2	30.5	10.3	2.0	58.0	32.2	7.8	59.2	32.9	8.0	
210	M020A	0.0	38.6	43.9	17.5	38.6	43.9	17.5	0.0	38.6	48.5	12.9	38.6	48.5	12.9	
210	M021B	28.4	46.4	15.5	9.6	64.9	21.7	13.4	28.4	46.4	18.5	6.7	64.8	25.8	9.4	
210	M022A	41.3	33.0	14.8	10.9	56.2	25.2	18.6	41.3	33.0	17.9	7.8	56.2	30.5	13.3	
210	M023A	0.0	32.4	37.6	30.0	32.4	37.6	30.0	0.0	32.4	44.2	23.4	32.4	44.2	23.4	
210	M024B	19.7	30.2	22.6	27.4	37.7	28.2	34.2	19.7	30.2	30.2	19.9	37.6	37.6	24.8	
210	M025A	17.4	26.8	21.7	34.1	32.4	26.3	41.3	17.4	26.8	31.0	24.8	32.4	37.5	30.0	
210	M026A	81.8	7.2	4.0	6.7	40.2	22.3	37.4	81.8	7.2	6.3	4.7	39.6	34.5	26.0	
210	M027A	13.0	28.1	24.0	34.7	32.4	27.6	40.0	13.0	28.1	33.6	25.3	32.3	38.6	29.1	
210	M028A	0.0	1.7	34.6	63.7	1.7	34.6	63.7	0.0	1.7	55.4	42.9	1.7	55.4	42.9	
210	M029A	46.5	16.5	15.7	21.5	30.7	29.2	40.0	46.5	16.5	24.0	13.0	30.8	44.8	24.4	
210	M030A	46.4	12.6	15.7	25.5	23.4	29.2	47.4	46.4	12.6	23.7	17.3	23.5	44.2	32.3	
210	M031B	0.0	36.8	32.6	30.6	36.8	32.6	30.6	0.0	36.8	42.1	21.1	36.8	42.1	21.1	
210	M032A	0.0	0.2	45.7	54.1	0.2	45.7	54.1	0.0	0.2	67.2	32.6	0.2	67.2	32.6	
210	M033A	0.0	0.5	54.3	45.2	0.5	54.3	45.2	0.0	0.5	69.6	29.9	0.5	69.6	29.9	
210	M034B	0.0	0.4	47.7	51.9	0.4	47.7	51.9	0.0	0.4	58.2	41.4	0.4	58.2	41.4	
210	M035A	0.0	2.9	41.5	55.7	2.9	41.5	55.7	0.0	2.9	61.8	35.3	2.9	61.8	35.3	
210	M036A	47.1	32.5	9.0	11.4	61.4	17.0	21.6	47.1	32.5	12.7	7.7	61.4	24.0	14.6	
210	M037A	0.0	1.4	32.6	66.0	1.4	32.6	66.0	0.0	1.4	56.2	42.4	1.4	56.2	42.4	
210	M038A	0.0	59.3	19.2	21.5	59.3	19.2	21.5	0.0	59.3	23.5	17.2	59.3	23.5	17.2	
210	M039A	0.0	0.0	55.9	44.1	0.0	55.9	44.1	0.0	0.0	71.3	28.7	0.0	71.3	28.7	
210	M040A	0.0	0.0	41.9	58.1	0.0	41.9	58.1	0.0	0.0	63.9	36.1	0.0	63.9	36.1	
210	M041A	40.3	38.1	14.8	6.7	63.9	24.8	11.2	40.3	38.1	17.6	4.0	63.8	29.4	6.7	
210	M042A	0.0	6.7	45.1	48.2	6.7	45.1	48.2	0.0	6.7	55.7	37.6	6.7	55.7	37.6	
210	M043A	40.5	39.2	12.4	8.2	65.6	20.7	13.7	40.5	39.2	14.3	6.0	65.9	24.0	10.1	
210	M044A	20.6	50.5	21.2	8.0	63.4	26.6	10.0	20.6	50.5	24.3	4.6	63.6	30.7	5.7	*
210	M045A	0.0	70.9	20.9	8.2	70.9	20.9	8.2	0.0	70.9	23.9	5.2	70.9	23.9	5.2	
210	M046A	0.0	82.0	18.0	0.0	82.0	18.0	0.0	0.0	82.0	18.0	0.0	82.0	18.0	0.0	
210	M049A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	M050A	0.0	79.7	15.5	5.8	79.7	15.5	5.8	0.0	79.7	15.4	4.9	79.7	15.4	4.9	
210	M051C	8.9	50.6	22.8	17.7	55.5	25.0	19.4	8.9	50.6	30.7	9.8	55.5	33.7	10.8	*
210	M052B	0.0	23.5	46.8	29.7	23.5	46.8	29.7	0.0	23.5	56.5	20.0	23.5	56.5	20.0	
210	M053A	34.7	29.6	20.4	15.3	45.3	31.2	23.4	34.7	29.6	24.0	11.7	48.3	36.8	17.9	
210	M054A	7.1	47.2	27.1	18.6	50.8	29.2	20.0	7.1	47.2	32.4	13.3	50.8	34.9	14.3	*
210	M055A	0.0	3.6	44.2	52.2	3.6	44.2	52.2	0.0	3.6	59.1	37.3	3.6	59.1	37.3	
210	M056A	0.0	0.1	37.1	62.8	0.1	37.1	62.8	0.0	0.1	55.1	44.8	0.1	55.1	44.8	
210	M057A	0.0	0.1	31.0	68.9	0.1	31.0	68.9	0.0	0.1	46.1	53.8	0.1	46.1	53.8	*
210	M058A	13.1	47.8	18.9	20.1	55.1	21.8	23.2	13.1	47.8	25.8	13.3	55.0	29.7	15.3	
210	M059A	0.0	13.1	35.1	51.8	13.1	35.1	51.8	0.0	13.1	47.3	39.6	13.1	47.3	39.6	
210	M060A	0.0	5.5	43.8	50.7	5.5	43.8	50.7	0.0	5.5	56.9	37.6	5.5	56.9	37.6	
210	M061A	11.6	25.5	20.8	41.8	28.9	23.6	47.4	11.6	25.5	35.0	27.9	28.8	39.6	31.6	
210	M062A	0.0	0.0	34.3	66.1	0.0	34.3	66.1	0.0	0.0	51.8	48.2	0.0	51.8	48.2	
210	M063A	0.0	0.0	56.7	43.7	0.0	56.7	43.7	0.0	0.0	71.4	28.6	0.0	71.4	28.6	
210	M064A	0.0	0.0	35.5	64.6	0.0	35.5	64.6	0.0	0.0	49.6	50.4	0.0	49.6	50.4	
210	M065A	0.0	23.7	33.1	43.2	23.7	33.1	43.2	0.0	23.7	47.6	28.7	23.7	47.6	28.7	
210	M066A	0.0	0.0	42.4	57.9	0.0	42.4	57.9	0.0	0.0	52.3	47.7	0.0	52.3	47.7	
210	M067A	0.0	1.0	41.5	57.5	1.0	41.5	57.5	0.0	1.0	56.2	42.8	1.0	56.2	42.8	
210	M068A	85.7	6.8	4.9	2.5	47.9	34.8	17.6	85.7	6.8	6.0	1.5	47.6	41.8	10.6	*
210	M069A	0.0	0.3	41.3	58.4	0.3	41.3	58.4	0.0	0.3	61.4	38.3	0.3	61.4	38.3	
210	M070A	9.3	36.5	28.0	26.2	40.2	30.9	28.9	9.3	36.5	42.2	12.0	40.2	46.5	13.2	*
210	M071A	3.0	12.8	30.8	53.4	13.2	31.8	55.1	3.0	12.8	50.8	33.4	13.2	52.4	34.4	*
210	M072A	3.0	37.0	27.1	32.9	38.1	27.9	33.9	3.0	37.0	37.0	23.0	38.1	38.1	23.7	
210	M073A	0.0	0.9	61.9	37.2	0.9	61.9	37.2	0.0	0.9	73.9	25.2	0.9	73.9	25.2	
210	M074A	0.0	13.4	59.2	26.4	13.4	59.2	26.4	0.0	13.4	71.0	15.6	13.4	71.0	15.6	
210	M075A	43.5	31.0	19.5	5.9	55.0	34.6	10.5	43.5	31.0	20.7	4.8	54.9	36.6	8.5	
210	M076A	98.4	1.6	0.0	0.0	100.0	0.0	0.0	98.4	1.6	0.0	0.0	100.0	0.0	0.0	
210	M077A	89.0	37.2	3.8	0.0	90.7	9.3	0.0	89.0	37.2	3.8	0.0	90.7	9.3	0.0	
210	M079A	90.7	9.3	0.0	0.0	100.0	0.0	0.0	90.7	9.3	0.0	0.0	100.0	0.0	0.0	
210	M080B	8.9	45.3	32.0	13.8	49.7	35.1	15.1	8.9	45.3	36.4	9.4	49.7	40.0	10.3	*
210	M081A	28.4	33.4	27.8	10.3	46.7	38.9	14.4	28.4	33.4	30.1	8.1	46.6	42.0	11.3	
210	M082A	0.0	1.0	60.3	38.7	1.0	60.3	38.7	0.0	1.0	67.1	31.9	1.0	67.1	31.9	
210	M083A	0.0	0.3	52.7	47.0	0.3	52.7	47.0	0.0	0.3	64.4	35.3	0.3	64.4	35.3	
210	M084A	0.0	2.5	47.9	50.2	2.5	47.9	50.2	0.0	2.5	62.5	35.0	2.5	62.5	35.0	

PERCENT IN FRACTION

CODE #	STATION #	GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	M085A	0.0	0.1	39.9	59.5	0.1	39.9	59.5	0.0	0.1	57.3	42.6	0.1	57.3	42.6	
210	M086A	0.0	0.0	46.8	53.2	0.0	46.8	53.2	0.0	0.0	63.5	36.5	0.0	63.5	36.5	
210	M087A	0.0	18.3	37.6	44.1	18.3	37.6	44.1	0.0	18.3	51.5	30.2	18.3	51.5	30.2	
210	M088A	0.0	0.7	39.8	59.5	0.7	39.8	59.5	0.0	0.7	54.6	44.7	0.7	54.6	44.7	
210	M089A	0.0	1.0	48.0	51.0	1.0	48.0	51.0	0.0	1.0	64.0	35.0	1.0	64.0	35.0	
210	M090A	0.0	10.4	41.8	48.8	10.4	41.8	48.8	0.0	10.4	56.7	32.9	10.4	56.7	32.9	
210	M091A	0.0	0.7	48.8	50.5	0.7	48.8	50.5	0.0	0.7	64.8	34.5	0.7	64.8	34.5	
210	M092A	0.0	2.7	64.3	33.0	2.7	64.3	33.0	0.0	2.7	77.3	20.0	2.7	77.3	20.0	
210	M093A	45.8	26.6	16.9	11.4	48.5	30.8	20.8	45.8	26.6	19.6	8.0	49.1	36.2	14.8	
210	M094A	0.0	23.5	43.4	33.1	23.5	42.0	31.9	0.0	23.5	49.4	27.1	23.5	49.4	27.1	*
210	M095A	40.0	35.8	16.0	7.9	60.0	26.8	13.2	40.0	35.8	18.3	5.9	59.7	30.5	9.8	
210	M096A	74.2	21.7	2.7	1.3	84.4	10.5	5.1	74.2	21.7	3.1	1.0	84.1	11.9	4.0	
210	M097A	98.6	1.4	0.0	0.0	100.0	0.0	0.0	98.6	1.4	0.0	0.0	100.0	0.0	0.0	
210	M099C	0.0	56.9	28.0	15.1	56.9	28.0	15.1	0.0	56.9	31.7	11.4	56.9	31.7	11.4	
210	M100B	0.0	40.0	35.0	25.0	40.0	35.0	25.0	0.0	40.0	40.6	19.4	40.0	40.6	19.4	
210	M101A	0.0	2.3	48.8	48.9	2.3	48.8	48.9	0.0	2.3	63.3	34.4	2.3	63.3	34.4	
210	M102A	19.7	34.8	23.6	21.8	43.4	29.4	27.2	19.7	34.8	30.7	14.8	43.3	38.2	18.5	
210	M103A	0.0	2.8	50.9	46.3	2.8	50.9	46.3	0.0	2.8	64.3	32.9	2.8	64.3	32.9	
210	M104A	0.0	13.8	43.0	43.2	13.8	43.0	43.2	0.0	13.8	52.4	33.8	13.8	52.4	33.8	
210	M105A	9.3	18.1	32.3	40.2	20.0	35.7	44.4	9.3	18.1	46.3	26.3	20.0	51.1	29.0	*
210	M106A	0.0	3.0	44.7	52.3	3.0	44.7	52.3	0.0	3.0	62.6	34.4	3.0	62.6	34.4	
210	M107A	5.5	24.8	30.0	39.7	26.2	31.7	42.0	5.5	24.8	43.9	25.8	26.2	46.4	27.3	*
210	M108A	0.0	0.3	40.5	59.2	0.3	40.5	59.2	0.0	0.3	58.8	40.9	0.3	58.8	40.9	
210	M109A	0.0	2.3	45.7	51.0	2.3	45.7	51.0	0.0	2.3	58.7	39.0	2.3	58.7	39.0	
210	M110A	0.0	11.0	38.5	50.5	11.0	38.5	50.5	0.0	11.0	51.1	37.9	11.0	51.1	37.9	
210	M111A	0.0	14.5	40.8	44.7	14.5	40.8	44.7	0.0	14.5	53.0	32.5	14.5	53.0	32.5	
210	M112A	0.0	52.0	19.4	28.6	52.0	19.4	28.6	0.0	52.0	27.7	20.3	52.0	27.7	20.3	
210	M113A	0.0	0.6	34.7	64.7	0.6	34.7	64.7	0.0	0.6	54.5	44.9	0.6	54.5	44.9	
210	M114A	0.0	68.0	13.5	18.5	68.0	13.5	18.5	0.0	68.0	17.9	14.1	68.0	17.9	14.1	
210	M115A	0.0	34.5	22.7	42.8	34.5	22.7	42.8	0.0	34.5	34.8	30.7	34.5	34.8	30.7	
210	M116A	79.5	13.2	4.1	2.5	66.7	20.7	12.6	79.5	13.2	5.4	1.9	64.4	26.4	9.2	
210	M117A	0.0	0.1	30.0	69.9	0.1	30.0	69.9	0.0	0.1	48.6	51.3	0.1	48.6	51.3	
210	M118A	0.0	12.7	26.3	61.0	12.7	26.3	61.0	0.0	12.7	44.2	43.1	12.7	44.2	43.1	
210	M119A	0.0	82.0	8.5	9.5	82.0	8.5	9.5	0.0	82.0	11.4	6.6	82.0	11.4	6.6	
210	M120A	0.0	0.2	28.8	71.0	0.2	28.8	71.0	0.0	0.2	52.2	47.6	0.2	52.2	47.6	
210	M121A	0.0	41.0	25.3	33.7	41.0	25.3	33.7	0.0	41.0	35.1	23.9	41.0	35.1	23.9	
210	N002A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N003A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N004A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N005A	0.0	81.0	12.7	6.3	81.0	12.7	6.3	0.0	81.0	13.8	5.2	81.0	13.8	5.2	
210	N006A	0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	9040	10.0	0.0	
210	N007A	0.0	84.5	10.2	5.3	84.5	10.2	5.3	0.0	84.5	10.8	4.7	84.5	10.8	4.7	
210	N008A	0.0	86.0	9.8	4.2	86.0	9.8	4.2	0.0	86.0	10.6	3.4	86.0	10.6	3.4	
210	N009A	0.0	85.0	10.7	4.2	85.0	10.7	4.2	0.0	85.0	12.0	3.0	85.0	12.0	3.0	
210	N010A	0.0	57.0	33.4	9.5	57.0	33.4	9.5	0.0	57.0	36.0	7.0	57.0	36.0	7.0	
210	N011A	0.0	69.0	23.6	7.5	69.0	23.6	7.5	0.0	69.0	25.1	5.9	69.0	25.1	5.9	
210	N012A	0.0	85.5	9.2	5.4	85.5	9.2	5.4	0.0	85.5	11.0	3.5	85.5	11.0	3.5	
210	N013A	0.0	95.0	1.9	3.2	95.0	1.9	3.2	0.0	95.0	3.0	2.0	95.0	3.0	2.0	
210	N014A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N015A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N016A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N017A	0.0	81.0	10.3	8.7	81.0	10.3	8.7	0.0	81.0	12.1	6.9	81.0	12.1	6.9	
210	N018A	0.0	67.0	25.3	7.7	67.0	25.3	7.7	0.0	67.0	28.1	4.9	67.0	28.1	4.9	
210	N019A	0.0	62.0	31.4	6.7	62.0	31.4	6.7	0.0	62.0	32.9	5.1	62.0	32.9	5.1	
210	N020A	0.0	45.0	44.8	10.2	45.0	44.8	10.2	0.0	45.0	47.4	7.6	45.0	47.4	7.6	
210	N021A	0.0	66.0	23.9	10.1	66.0	23.9	10.1	0.0	66.0	24.0	10.0	66.0	24.0	10.0	
210	N022A	0.0	66.8	23.6	9.6	66.8	23.6	9.6	0.0	66.8	26.8	6.4	66.8	26.8	6.4	
210	N023A	0.0	36.2	53.4	10.4	36.2	53.4	10.4	0.0	36.2	56.4	7.4	36.2	56.4	7.4	
210	N024A	0.0	47.0	38.9	14.1	47.0	38.9	14.1	0.0	47.0	42.8	10.2	47.0	42.8	10.2	
210	N025A	0.0	58.8	30.7	10.5	58.8	30.7	10.5	0.0	58.8	33.8	7.4	58.8	33.8	7.4	
210	N026A	0.0	85.9	10.2	3.8	85.9	10.2	3.8	0.0	85.9	11.2	2.9	85.9	11.2	2.9	
210	N027A	0.0	86.1	9.3	4.5	86.1	9.3	4.5	0.0	86.1	10.8	3.1	86.1	10.8	3.1	
210	N028A	0.0	90.7	4.2	4.7	90.7	4.2	4.7	0.0	90.7	6.2	3.1	90.7	6.2	3.1	
210	N029A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N030A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N031A	0.0	79.5	14.1	6.4	79.5	14.1	6.4	0.0	79.5	15.4	5.1	79.5	15.4	5.1	
210	N032A	0.0	67.5	24.1	8.5	67.5	24.1	8.5	0.0	67.5	28.6	3.9	67.5	28.6	3.9	
210	N033A	0.0	60.0	25.3	14.7	60.0	25.3	14.7	0.0	60.0	28.0	12.0	60.0	28.0	12.0	
210	N034A	0.0	33.2	49.0	17.8	33.2	49.0	17.8	0.0	33.2	53.7	13.1	33.2	53.7	13.1	
210	N035A	0.0	12.3	72.3	15.4	12.3	72.3	15.4	0.0	12.3	74.8	12.9	12.3	74.8	12.9	
210	N036A	0.0	82.8	10.2	7.0	82.8	10.2	7.0	0.0	82.8	11.5	5.7	82.8	11.5	5.7	
210	N037A	0.0	88.8	6.2	5.0	88.8	6.2	5.0	0.0	88.8	7.4	3.8	88.8	7.4	3.8	
210	N038A	0.0	53.6	31.8	14.6	53.6	31.8	14.6	0.0	53.6	34.1	12.3	53.6	34.1	12.3	
210	N039A	0.0	14.5	66.4	19.1	14.5	66.4	19.1	0.0	14.5	71.5	14.0	14.5	71.5	14.0	
210	N040A	0.0	14.0	61.6	24.5	14.0	61.6	24.5	0.0	14.0	65.3	20.7	14.0	65.3	20.7	
210	N041A	0.0	19.3	62.6	18.1	19.3	62.6	18.1	0.0	19.3	67.0	13.7	19.3	67.0	13.7	
210	N042A	0.0	55.8	29.7	14.5	55.8	29.7	14.5	0.0	55.8	31.5	12.7	55.8	31.5	12.7	
210	N043A	0.0	85.5	7.8	6.7	85.5	7.8	6.7	0.0	85.5	9.0	5.5	85.5	9.0	5.5	
210	N044A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N045A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N046A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N047A	0.0	85.1	6.8	8.1	85.1	6.8	8.1	0.0	85.1	8.5	6.4	85.1	8.5	6.4	
210	N048A	0.0	83.4	8.5	7.7	83.4	8.5	7.7	0.0	83.4	10.1	6.5	83.4	10.1	6.5	
210	N049A	0.0	16.4	61.0	22.6	16.4	61.0	22.6	0.0	16.4	67.8	15.8	16.4	67.8	15.8	
210	N050A	0.0	3.1	69.3	27.6	3.1	69.3	27.6	0.0	3.1	76.3	20.6	3.1	76.3	20.6	
210	N051A	0.0	31.2	49.0	19.8	31.2	49.0	19.8	0.0	31.2	54.4	14.4	31.2	54.4	14.4	
210	N052A	1.0	70.0	17.5	11.5	70.7	17.7	11.6	1.0	70.0	19.7	9.3	70.7	19.9	9.4	
210	N053A	0.0	24.1	54.1	21.8	24.1	54.1	21.8	0.0	24.1	56.4	19.5	24.1	56.4	19.5	
210	N054A	0.0	25.2	66.8	8.0	25.2	66.8	8.0	0.0	25.2	67.8	7.0	25.2	67.8	7.0	
210	N055A	0.0	42.7	36.3	21.0	42.7	36.3	21.0	0.0	42.7	40.5	16.8	42.7	40.5	16.8	

PERCENT IN FRACTION

MCC06995002

CODE #	STATION #	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	N056A	0.0	86.0	8.4	5.6	86.0	8.4	5.6	0.0	86.0	9.5	4.5	86.0	9.5	4.5	
210	N057A	0.0	66.0	23.6	10.4	66.0	23.6	10.4	0.0	66.0	26.4	7.6	66.0	26.4	7.6	
210	N058A	0.0	52.0	35.3	12.7	52.0	35.3	12.7	0.0	52.0	39.2	8.8	52.0	39.2	8.8	
210	N059A	0.0	69.5	19.5	11.0	69.5	19.5	11.0	0.0	69.5	21.8	8.7	69.5	21.8	8.7	
210	N060A	0.0	76.6	16.1	7.3	76.6	16.1	7.3	0.0	76.6	17.2	6.2	76.6	17.2	6.2	
210	N061	0.0	87.9	6.5	5.6	87.9	6.5	5.6	0.0	87.9	7.0	5.1	87.9	7.0	5.1	
210	N062	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N063	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N064A	0.0	89.4	6.1	4.5	89.4	6.1	4.5	0.0	89.4	7.7	2.9	89.4	7.7	2.9	
210	N065A	0.0	69.7	20.0	10.3	69.7	20.0	10.3	0.0	69.7	21.6	8.7	69.7	21.6	8.7	
210	N066A	26.0	74.1	0.0	0.0	100.0	0.0	0.0	26.0	74.1	0.0	0.0	100.0	0.0	0.0	
210	N067A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N103	16.0	83.9	0.0	0.0	100.0	0.0	0.0	16.0	83.9	0.1	0.0	100.0	0.0	0.0	
210	N106	0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	N110	0.0	3.1	45.9	51.0	3.1	45.9	51.0	0.0	3.1	57.2	39.7	3.1	57.2	39.7	
210	N128	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N130	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N133	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N140	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N145	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	N148	47.6	49.3	3.1	0.0	94.1	5.9	0.0	47.6	49.3	3.1	0.0	94.1	5.9	0.0	•
210	N151	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N153	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	N164	90.2	9.9	0.0	0.0	100.0	0.0	0.0	90.2	9.9	0.0	0.0	100.0	0.0	0.0	
210	P001	0.0	5.3	60.9	33.8	5.3	60.9	33.8	0.0	5.3	71.9	22.8	5.3	71.9	22.8	
210	P003	0.0	22.7	47.7	29.6	22.7	47.7	29.6	0.0	22.7	57.4	19.9	22.7	57.4	19.9	•
210	P005	0.0	84.0	12.5	4.2	84.0	12.5	4.2	0.0	84.0	12.8	3.2	84.0	12.8	3.2	
210	P006	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	P009	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	P012	0.0	56.5	32.4	11.1	56.5	32.4	11.1	0.0	56.5	34.7	8.8	56.5	34.7	8.8	
210	P014	0.0	13.0	47.9	39.1	13.0	47.9	39.1	0.0	13.0	56.4	30.6	13.0	56.4	30.6	
210	P016	0.0	3.7	54.4	41.9	3.7	54.4	41.9	0.0	3.7	66.7	29.6	3.7	66.7	29.6	
210	P018	0.0	0.7	50.5	48.7	0.7	50.5	48.7	0.0	0.7	65.7	33.6	0.7	65.7	33.6	
210	P020	0.0	8.9	42.0	49.1	8.9	42.0	49.1	0.0	8.9	53.0	38.1	8.9	53.0	38.1	
210	P021	0.0	2.6	41.8	55.6	2.6	41.8	55.6	0.0	2.6	52.7	44.7	2.6	52.7	44.7	
210	P022	0.0	4.8	41.2	54.0	4.8	41.2	54.0	0.0	4.8	50.2	45.0	4.8	50.2	45.0	
210	S002	0.0	83.4	7.2	9.4	83.4	7.2	9.4	0.0	83.4	9.9	6.7	83.4	9.9	6.7	
210	S003	0.0	0.6	39.3	61.1	0.6	39.3	61.1	0.0	0.6	56.1	43.3	0.6	56.1	43.3	
210	S005	0.0	11.8	29.2	59.0	11.8	29.2	59.0	0.0	11.8	43.9	44.3	11.8	43.9	44.3	
210	S007	0.0	3.6	37.1	59.3	3.6	37.1	59.3	0.0	3.6	67.1	29.3	3.6	67.1	29.3	
210	S009	0.0	87.5	6.0	6.5	87.5	6.0	6.5	0.0	87.5	7.8	4.7	87.5	7.8	4.7	
210	S012	0.0	68.5	15.2	16.3	68.5	15.2	16.3	0.0	68.5	19.0	12.5	68.5	19.0	12.5	
210	S014	0.0	8.5	44.3	47.2	8.5	44.3	47.2	0.0	8.5	56.1	35.4	8.5	56.1	35.4	
210	S017	0.0	30.2	35.1	34.7	30.2	35.1	34.7	0.0	30.2	43.9	25.9	30.2	43.9	25.9	
210	S021	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	S024	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	S026	0.0	77.5	13.6	8.7	77.5	13.6	8.7	0.0	77.5	15.7	6.8	77.5	15.7	6.8	
210	S028	27.2	54.2	9.7	8.9	74.5	13.3	12.2	27.2	54.2	11.1	7.5	74.5	15.2	10.3	
210	S030	29.0	41.4	13.7	15.3	58.3	19.5	21.7	29.0	41.4	17.8	11.8	58.3	25.0	16.7	
210	S032	2.0	32.0	37.6	28.4	32.7	38.4	29.0	2.0	32.0	42.8	23.2	32.7	43.7	23.7	
210	S034	0.0	12.2	52.0	35.8	12.2	52.0	35.8	0.0	12.2	59.3	28.5	12.2	59.3	28.5	
210	S036	0.0	40.8	45.9	13.3	40.8	45.9	13.3	0.0	40.8	50.0	9.2	40.8	50.0	9.2	
210	S041	56.7	43.2	0.0	0.0	100.0	0.0	0.0	56.7	43.2	0.1	0.0	100.0	0.0	0.0	
210	S057	83.0	17.1	0.0	0.0	100.0	0.0	0.0	83.0	17.1	0.0	0.0	100.0	0.0	0.0	
210	S059	53.6	46.3	0.0	0.0	100.0	0.0	0.0	53.6	46.3	0.1	0.0	100.0	0.0	0.0	
210	S061	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	S072	10.3	60.0	22.1	7.6	66.9	24.6	8.5	10.3	60.0	24.3	5.4	66.9	27.1	6.0	
210	S074	0.0	72.0	27.7	0.3	72.0	27.7	0.3	0.0	72.0	28.0	0.0	72.0	28.0	0.0	
210	S078	60.4	38.6	0.8	0.0	98.0	2.0	0.0	60.4	38.6	1.0	0.0	98.0	2.0	0.0	
210	S080	16.2	82.1	1.7	0.0	98.0	2.0	0.0	16.2	82.1	1.7	0.0	98.0	2.0	0.0	
210	S083	69.9	28.4	1.5	0.0	95.0	5.0	0.0	69.9	28.4	1.7	0.0	95.0	5.0	0.0	
210	S085	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	S088	98.7	1.1	0.0	0.0	100.0	0.0	0.0	98.7	1.1	0.2	0.0	100.0	0.0	0.0	
210	S094	14.4	85.6	0.0	0.0	100.0	0.0	0.0	14.4	85.6	0.0	0.0	100.0	0.0	0.0	
210	S096	0.0	80.0	11.0	9.0	80.0	11.0	9.0	0.0	80.0	11.7	8.3	80.0	11.7	8.3	
210	S100	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	S102	36.5	54.7	8.2	0.5	86.3	12.9	0.8	36.5	54.7	8.4	0.4	86.1	13.2	0.6	
210	S108	49.5	42.3	5.4	2.9	83.6	10.7	5.7	49.5	42.3	5.5	2.7	83.8	11.0	5.3	
210	S110	12.7	55.1	24.1	7.6	63.5	27.8	8.8	12.7	55.1	25.9	6.3	63.1	29.7	7.2	
210	S112	59.5	28.0	5.7	6.6	69.5	14.1	16.4	59.5	28.0	7.4	5.1	69.1	18.3	12.5	
210	S114	5.0	56.0	32.8	6.2	56.8	34.5	8.6	5.0	54.0	34.4	6.6	56.8	36.2	6.9	
210	S116	2.0	57.0	25.6	15.3	58.2	26.1	15.6	2.0	57.0	32.7	8.3	58.2	33.3	8.5	
210	S118	0.0	18.1	47.0	34.9	18.1	47.0	34.9	0.0	18.1	57.8	24.1	18.1	57.8	24.1	
210	S121	0.0	74.0	17.4	8.6	74.0	17.4	8.6	0.0	74.0	19.2	6.8	74.0	19.2	6.8	
210	S124	12.0	68.7	13.2	6.4	77.8	14.9	7.2	12.0	68.7	14.2	5.1	78.1	16.1	5.8	
210	S125	8.3	40.4	19.0	32.3	44.1	20.7	35.2	8.3	40.4	28.4	22.9	44.1	31.0	25.0	•
210	S128	0.0	0.2	40.4	59.4	0.2	40.4	59.4	0.0	0.2	61.5	38.3	0.2	61.5	38.3	
210	S130	0.0	8.0	40.8	51.2	8.0	40.8	51.2	0.0	8.0	59.1	32.9	8.0	59.1	32.9	
210	S136	48.2	38.0	9.3	10.5	65.7	16.1	18.2	48.2	35.0	18.2	7.6	65.7	21.1	13.2	•
210	S139	0.0	17.0	45.9	37.1	17.0	45.9	37.1	0.0	17.0	60.3	22.7	17.0	60.3	22.7	
210	S142	0.0	1.0	40.7	59.3	1.0	40.7	59.3	0.0	1.0	65.2	33.8	1.0	65.2	33.8	
210	S144	0.0	2.2	48.3	49.5	2.2	48.3	49.5	0.0	2.2	66.0	31.8	2.2	66.0	31.8	
210	S146	0.0	0.6	47.2	52.2	0.6	47.2	52.2	0.0	0.6	65.8	33.6	0.6	65.8	33.6	
210	S148	12.7	58.5	10.1	18.7	67.0	11.6	21.4	12.7	58.5	15.2	13.6	67.0	17.4	15.6	•
210	S150	18.3	58.0	11.2	12.5	71.0	13.7	15.3	18.3	58.0	15.2	8.5	71.0	18.6	10.4	
210	S151	0.0	5.0	41.0	54.0	5.0	41.0	54.0	0.0	5.0	50.3	44.7	5.0	50.3	44.7	
210	W001	6.3	93.7	0.0	0.0	100.0	0.0	0.0	6.3	93.7	0.0	0.0	100.0	0.0	0.0	•
210	W003	0.0	29.0	54.7	16.3	29.0	54.7	16.3	0.0	29.0	57.2	13.8	29.0	57.2	13.8	
210	W005	0.0	7.3	51.1	41.6	7.3	51.1	41.6	0.0	7.3	60.6	32.1	7.3	60.6	32.1	
210	W007	0.0	9.1	35.9	55.0	9.1	35.9	55.0	0.0	9.1	54.5	36.4	9.1	54.5	36.4	

CODE #	STATION #	PERCENT IN FRACTION				ON GRAVEL FREE BASIS								ON GRAVEL FREE BASIS			
		GVL	SAND	SILT	CLAY<4MU	SAND	SILT	CLAY<4MU		GVL	SAND	SILT	CLAY<2MU	SAND	SILT	CLAY<2MU	
210	W009	7.3	18.5	31.1	43.1	20.0	33.5	46.5		7.3	18.5	41.0	33.2	20.0	44.2	35.8	*
210	W011	0.0	12.3	42.9	44.8	12.3	42.9	44.8		0.0	12.3	53.3	34.4	12.3	53.3	34.4	
210	W013	5.0	73.0	15.5	6.4	76.9	16.3	6.7		5.0	73.0	15.9	6.1	76.8	16.7	6.4	*
210	W015	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W017	54.9	44.4	0.9	0.0	98.0	2.0	0.0		54.9	44.4	0.7	0.0	98.0	2.0	0.0	
210	W019	36.5	63.5	0.0	0.0	100.0	0.0	0.0		36.5	63.5	0.0	0.0	100.0	0.0	0.0	
210	W020	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W021	18.9	81.1	0.0	0.0	100.0	0.0	0.0		18.9	81.1	0.0	0.0	100.0	0.0	0.0	*
210	W023	82.5	17.5	0.0	0.0	100.0	0.0	0.0		82.5	17.5	0.0	0.0	100.0	0.0	0.0	
210	W025	24.2	75.9	0.0	0.0	100.0	0.0	0.0		24.2	75.9	0.0	0.0	100.0	0.0	0.0	
210	W027	0.0	95.0	5.0	0.0	95.0	5.0	0.0		0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	W028	0.0	95.0	5.0	0.0	95.0	5.0	0.0		0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	W029	0.0	92.0	8.0	0.0	92.0	8.0	0.0		0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	W031	0.0	88.0	12.0	0.0	88.0	12.0	0.0		0.0	88.0	12.0	0.0	88.0	12.0	0.0	
210	W033	0.0	94.0	6.0	0.0	94.0	6.0	0.0		0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	W034	0.0	94.0	6.0	0.0	94.0	6.0	0.0		0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	W036	0.0	96.5	3.5	0.0	96.5	3.5	0.0		0.0	96.5	3.5	0.0	96.5	3.5	0.0	
210	W038	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W039	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W043	10.7	89.2	0.0	0.0	100.0	0.0	0.0		10.7	89.2	0.1	0.0	100.0	0.0	0.0	
210	W044	86.9	13.1	0.0	0.0	100.0	0.0	0.0		86.9	13.1	0.0	0.0	100.0	0.0	0.0	
210	W046	39.2	61.1	0.0	0.0	100.0	0.0	0.0		39.2	61.1	0.0	0.0	100.0	0.0	0.0	
210	W048	10.2	87.1	2.7	0.0	97.0	3.0	0.0		10.2	87.1	2.7	0.0	97.0	3.0	0.0	
210	W049	0.0	95.0	5.0	0.0	95.0	5.0	0.0		0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	W051	0.0	76.0	12.8	11.2	76.0	12.8	11.2		0.0	76.0	16.7	7.3	76.0	16.7	7.3	
210	W053	9.8	55.0	14.1	21.0	61.0	15.6	23.3		9.8	55.0	16.7	18.5	61.0	18.5	20.5	*
210	W055	7.6	79.3	5.2	7.7	86.0	5.6	8.4		7.6	79.3	6.2	6.9	85.8	6.7	7.5	*
210	W060	0.0	82.0	10.0	7.9	82.0	10.0	7.9		0.0	82.0	12.0	6.0	82.0	12.0	6.0	
210	W062	18.6	81.3	0.0	0.0	100.0	0.0	0.0		18.6	81.3	0.1	0.0	100.0	0.0	0.0	
210	W064	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W066	1.0	99.0	0.0	0.0	100.0	0.0	0.0		1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	W068	0.0	96.0	4.0	0.0	96.0	4.0	0.0		0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	W070	0.0	98.0	2.0	0.0	98.0	2.0	0.0		0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	W072	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W075	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W076	4.0	96.0	0.0	0.0	100.0	0.0	0.0		4.0	96.0	0.0	0.0	100.0	0.0	0.0	*
210	W079	3.2	94.0	2.8	0.0	97.1	2.9	0.0		3.2	94.0	2.8	0.0	97.1	2.9	0.0	*
210	W081	0.0	95.0	5.0	0.0	95.0	5.0	0.0		0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	W083	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W084	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W086	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W088	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W090	4.4	95.6	0.0	0.0	100.0	0.0	0.0		4.4	95.6	0.0	0.0	100.0	0.0	0.0	*
210	W091	73.9	26.1	0.0	0.0	100.0	0.0	0.0		73.9	26.1	0.0	0.0	100.0	0.0	0.0	*
210	W093	74.8	25.2	0.0	0.0	100.0	0.0	0.0		74.8	25.2	0.0	0.0	100.0	0.0	0.0	
210	W095	67.3	32.8	0.0	0.0	100.0	0.0	0.0		67.3	32.8	0.0	0.0	100.0	0.0	0.0	
210	W097	0.0	95.0	5.0	0.0	95.0	5.0	0.0		0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	W099	1.0	91.0	8.0	0.0	91.9	8.1	0.0		1.0	91.0	8.0	0.0	91.9	8.1	0.0	
210	W100	64.9	32.9	2.2	0.0	94.0	6.0	0.0		64.9	32.9	2.2	0.0	94.0	6.0	0.0	*
210	W101	28.4	67.2	4.3	0.0	94.0	6.0	0.0		28.4	67.2	4.4	0.0	94.0	6.0	0.0	
210	W102	12.6	73.3	14.1	0.0	83.9	16.1	0.0		12.6	73.3	14.1	0.0	83.9	16.1	0.0	
210	W103	0.0	96.5	3.5	0.0	96.5	3.5	0.0		0.0	96.5	3.5	0.0	96.5	3.5	0.0	
210	W105	9.2	90.8	0.0	0.0	100.0	0.0	0.0		9.2	90.8	0.0	0.0	100.0	0.0	0.0	*
210	W107	0.0	96.0	4.0	0.0	96.0	4.0	0.0		0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	W110	5.1	94.9	0.0	0.0	100.0	0.0	0.0		5.1	94.9	0.0	0.0	100.0	0.0	0.0	*
210	W111	42.0	58.1	0.0	0.0	100.0	0.0	0.0		42.0	58.1	0.0	0.0	100.0	0.0	0.0	
210	W112	76.2	23.8	0.0	0.0	100.0	0.0	0.0		76.2	23.8	0.0	0.0	100.0	0.0	0.0	
210	W114	10.2	89.8	0.0	0.0	100.0	0.0	0.0		10.2	89.8	0.0	0.0	100.0	0.0	0.0	
210	W116	7.2	92.8	0.0	0.0	100.0	0.0	0.0		7.2	92.8	0.0	0.0	100.0	0.0	0.0	*
210	W118	38.4	61.7	0.0	0.0	100.0	0.0	0.0		38.4	61.7	0.0	0.0	100.0	0.0	0.0	
210	W120	84.5	15.4	0.0	0.0	100.0	0.0	0.0		84.5	15.4	0.1	0.0	100.0	0.0	0.0	
210	W122	21.7	78.2	0.0	0.0	100.0	0.0	0.0		21.7	78.2	0.1	0.0	100.0	0.0	0.0	
210	W124	76.9	23.0	0.0	0.0	100.0	0.0	0.0		76.9	23.0	0.1	0.0	100.0	0.0	0.0	
210	W127	19.7	80.3	0.0	0.0	100.0	0.0	0.0		19.7	80.3	0.0	0.0	100.0	0.0	0.0	
210	W129	1.5	98.5	0.0	0.0	100.0	0.0	0.0		1.5	98.5	0.0	0.0	100.0	0.0	0.0	
210	W131	18.0	81.8	0.0	0.0	100.0	0.0	0.0		18.0	81.8	0.2	0.0	100.0	0.0	0.0	
210	W133	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W135	41.8	58.2	0.0	0.0	100.0	0.0	0.0		41.8	58.2	0.0	0.0	100.0	0.0	0.0	
210	W136	19.1	81.6	0.0	0.0	100.0	0.0	0.0		19.1	81.6	0.0	0.0	100.0	0.0	0.0	
210	W138	19.6	80.5	0.0	0.0	100.0	0.0	0.0		19.6	80.5	0.0	0.0	100.0	0.0	0.0	
210	W140	28.6	71.3	0.0	0.0	100.0	0.0	0.0		28.6	71.3	0.1	0.0	100.0	0.0	0.0	
210	W144	99.0	0.9	0.0	0.0	100.0	0.0	0.0		99.0	0.9	0.1	0.0	100.0	0.0	0.0	
210	W146	53.7	46.4	0.0	0.0	100.0	0.0	0.0		53.7	46.4	0.0	0.0	100.0	0.0	0.0	
210	W148	84.1	16.0	0.0	0.0	100.0	0.0	0.0		84.1	16.0	0.0	0.0	100.0	0.0	0.0	
210	W150	30.5	69.5	0.0	0.0	100.0	0.0	0.0		30.5	69.5	0.0	0.0	100.0	0.0	0.0	
210	W152	66.0	34.0	0.0	0.0	100.0	0.0	0.0		66.0	34.0	0.0	0.0	100.0	0.0	0.0	
210	W154	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W157	84.7	15.3	0.6	0.0	96.2	3.8	0.0		84.7	15.3	0.0	0.0	96.2	3.8	0.0	*
210	W159	1.0	99.0	0.0	0.0	100.0	0.0	0.0		1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	W161	1.0	99.0	0.0	0.0	100.0	0.0	0.0		1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	W163	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W165	50.7	49.4	0.0	0.0	100.0	0.0	0.0		50.7	49.4	0.0	0.0	100.0	0.0	0.0	*
210	W167	0.0	100.5	0.0	0.0	100.5	0.0	0.0		0.0	100.5	0.0	0.0	100.5	0.0	0.0	
210	W169	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W170	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W172	0.0	93.0	7.0	0.0	93.0	7.0	0.0		0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	W174	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W176	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	W178	0.0	96.0	4.0	0.0	96.0	4.0	0.0		0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	W180	0.0	100.0	0.0	0.0	100.0	0.0	0.0		0.0	100.0	0.0	0.0	100.0	0.0	0.0	

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PERCENT IN FRACTION

CODE #	STATION #	GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU
210	W181	14.6	85.0	0.0	0.0	100.0	0.0	0.0	14.6	85.0	0.4	0.0	100.0	0.0	0.0
210	W182	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	W184	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	W186	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	W188	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	W190	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	W191	23.4	76.6	0.0	0.0	100.0	0.0	0.0	23.4	76.6	0.0	0.0	100.0	0.0	0.0
210	W195	69.8	30.2	0.0	0.0	100.0	0.0	0.0	69.8	30.2	0.0	0.0	100.0	0.0	0.0
210	W197	45.0	54.8	0.0	0.0	100.0	0.0	0.0	45.0	54.8	0.2	0.0	100.0	0.0	0.0
210	W200	34.9	65.2	0.0	0.0	100.0	0.0	0.0	34.9	65.2	0.0	0.0	100.0	0.0	0.0
210	W204	44.5	55.5	0.0	0.0	100.0	0.0	0.0	44.5	55.5	0.0	0.0	100.0	0.0	0.0
210	W205	42.1	58.0	0.0	0.0	100.0	0.0	0.0	42.1	58.0	0.0	0.0	100.0	0.0	0.0
210	W207	28.2	71.8	0.0	0.0	100.0	0.0	0.0	28.2	71.8	0.0	0.0	100.0	0.0	0.0
210	W209	2.0	96.0	2.0	0.0	98.0	2.0	0.0	2.0	96.0	2.0	0.0	98.0	2.0	0.0
210	W211	30.6	64.6	4.9	0.0	92.9	7.1	0.0	30.6	64.6	4.8	0.0	92.9	7.1	0.0
210	W213	13.8	72.9	13.2	0.0	84.7	15.3	0.0	13.8	72.9	13.3	0.0	84.7	15.3	0.0
210	W215	0.0	91.0	9.0	0.0	91.0	9.0	0.0	0.0	91.0	9.0	0.0	91.0	9.0	0.0
210	W224	15.4	80.6	4.1	0.0	95.2	4.8	0.0	15.4	80.6	4.0	0.0	95.2	4.8	0.0
210	W225	26.3	72.4	1.5	0.0	98.0	2.0	0.0	26.3	72.4	1.3	0.0	98.0	2.0	0.0
210	W227	78.5	21.5	0.0	0.0	100.0	0.0	0.0	78.5	21.5	0.0	0.0	100.0	0.0	0.0
210	W229	59.6	40.4	0.0	0.0	100.0	0.0	0.0	59.6	40.4	0.0	0.0	100.0	0.0	0.0

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1000		0.0	0.0	24.5	75.5	0.0	24.5	75.5	0.0	0.0	41.8	58.2	0.0	41.8	58.2	
210	1001		42.3	51.5	3.7	2.5	89.3	6.4	4.3	42.3	51.5	4.2	2.0	89.3	7.3	3.5	
210	1002		0.0	85.9	10.3	3.7	85.9	10.3	3.7	0.0	85.9	11.1	3.0	85.9	11.1	3.0	
210	1003		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1004		0.0	55.4	26.3	18.3	51.7	26.3	18.3	0.0	55.4	30.9	13.7	55.4	30.9	13.7	*
210	1005		0.0	42.6	46.0	11.4	42.6	46.0	11.4	0.0	42.6	49.6	7.8	42.6	49.6	7.8	*
210	1006		0.0	31.6	41.7	26.4	31.6	41.7	26.1	0.0	31.6	41.6	26.8	31.6	41.6	26.8	*
210	1007		46.5	41.6	8.7	5.3	77.6	12.5	9.9	46.5	41.6	8.4	3.5	77.8	15.8	6.5	
210	1008		0.0	93.2	2.8	4.0	93.2	2.8	4.0	0.0	93.2	6.3	0.5	93.2	6.3	0.5	*
210	1009		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1011		19.6	64.0	12.4	3.8	79.8	15.5	4.7	19.6	64.0	13.6	2.8	79.6	16.9	3.5	
210	1012		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1013		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1014		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1015		0.0	13.4	57.1	28.7	13.4	57.1	28.7	0.0	13.4	64.1	22.5	13.4	64.1	22.5	
210	1016		25.9	74.1	0.0	0.0	100.0	0.0	0.0	25.9	74.1	0.0	0.0	100.0	0.0	0.0	
210	1018		0.0	6.5	52.3	41.2	6.5	52.3	41.2	0.0	6.5	61.0	32.5	6.5	61.0	32.5	
210	1020		33.5	59.9	2.6	3.3	91.0	4.0	5.0	33.5	59.9	3.5	3.1	90.1	5.2	4.7	
210	1021		2.4	76.8	15.5	5.3	78.7	15.9	5.4	2.4	76.8	16.6	4.2	78.7	17.0	4.3	*
210	1023		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1024		0.0	1.2	41.9	56.9	1.2	41.9	56.9	0.0	1.2	55.5	43.3	1.2	55.5	43.3	
210	1025		0.0	39.9	42.3	17.8	39.9	42.3	17.8	0.0	39.9	46.7	13.4	39.9	46.7	13.4	
210	1026		7.1	19.7	37.5	35.7	21.2	40.4	38.4	7.1	19.7	44.0	29.2	21.2	47.4	31.4	*
210	1027		0.0	1.2	51.0	47.8	1.2	51.0	47.8	0.0	1.2	56.4	42.4	1.2	56.4	42.4	*
210	1029		0.0	3.4	44.8	50.8	3.4	44.8	50.8	0.0	3.4	57.3	39.3	3.4	57.3	39.3	
210	1031		0.0	16.2	37.3	46.5	16.2	37.3	46.5	0.0	16.2	46.5	37.3	16.2	46.5	37.3	
210	1032		0.0	65.0	18.1	16.9	65.0	18.1	16.9	0.0	65.0	21.8	13.2	65.0	21.8	13.2	
210	1033		1.7	54.0	17.7	26.5	55.0	18.0	27.0	1.7	54.0	26.7	17.6	54.9	27.2	17.9	*
210	1034		5.4	39.7	30.2	24.6	42.0	32.0	26.0	5.4	39.7	34.8	20.1	42.0	36.8	21.3	*
210	1035	A	0.0	29.0	35.3	35.7	29.0	35.3	35.7	0.0	29.0	41.2	29.8	29.0	41.2	29.8	
210	1036		43.9	32.7	13.5	9.7	58.5	24.2	17.4	43.9	32.7	15.2	8.2	58.3	27.1	14.6	
210	1037		0.0	35.1	44.5	20.2	35.1	44.5	20.2	0.0	35.1	48.1	16.8	35.1	48.1	16.8	
210	1038		5.0	19.0	34.2	41.8	20.0	36.0	44.0	5.0	19.0	42.4	33.6	20.0	44.6	35.4	*
210	1039		0.0	1.1	38.6	60.3	1.1	38.6	60.3	0.0	1.1	48.7	50.2	1.1	48.7	50.2	
210	1040		0.0	8.0	59.8	33.2	8.0	59.8	33.2	0.0	8.0	64.0	28.0	8.0	64.0	28.0	
210	1041		14.4	61.6	16.5	7.5	72.0	19.3	8.8	14.4	61.6	19.0	5.0	72.0	22.2	5.8	
210	1042		0.0	0.6	58.9	40.5	0.6	58.9	40.5	0.0	0.6	66.9	32.5	0.6	66.9	32.5	
210	1043		16.7	66.6	7.8	8.9	80.0	9.4	10.7	16.7	66.6	9.5	7.2	80.0	11.4	8.6	
210	1044		0.0	6.5	48.1	45.4	6.5	48.1	45.4	0.0	6.5	57.6	35.9	6.5	57.6	35.9	
210	1045		0.0	80.0	11.5	8.9	80.0	11.5	8.9	0.0	80.0	12.6	7.4	80.0	12.6	7.4	
210	1046		0.0	43.0	28.9	28.1	43.0	28.9	28.1	0.0	43.0	34.1	22.9	43.0	34.1	22.9	
210	1047	A	10.1	38.2	27.3	24.3	42.5	30.4	27.1	10.1	38.2	31.0	20.7	42.5	34.4	23.1	
210	1048		0.0	9.0	35.6	55.4	9.0	35.6	55.4	0.0	9.0	46.2	44.8	9.0	46.2	44.8	
210	1049		0.0	1.6	31.4	67.0	1.6	31.4	67.0	0.0	1.6	44.5	53.9	1.6	44.5	53.9	
210	1050		11.1	53.2	14.1	21.3	60.0	15.9	24.0	11.1	53.2	16.6	19.1	59.8	18.7	21.4	
210	1051		0.0	31.9	32.3	35.7	31.9	32.3	35.7	0.0	31.9	42.7	25.4	31.9	42.7	25.4	
210	1052		3.0	86.0	3.0	8.0	88.7	3.1	8.2	3.0	86.0	3.1	7.9	88.7	3.2	8.1	
210	1053		0.0	86.5	10.6	2.9	86.5	10.6	2.9	0.0	86.5	11.1	2.4	86.5	11.1	2.4	
210	1054		7.1	28.3	46.2	18.4	30.5	49.7	19.8	7.1	28.3	49.8	14.8	30.5	53.6	15.9	*
210	1055		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1056		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1057		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1058		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1059		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1060		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1061	A	0.0	5.1	23.4	71.5	5.1	23.4	71.5	0.0	5.1	42.4	52.5	5.1	42.4	52.5	*
210	1062		4.8	84.7	10.5	0.0	89.0	11.0	0.0	4.8	84.7	10.5	0.0	89.0	11.0	0.0	*
210	1063		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1064		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1066		0.0	77.0	15.9	7.3	77.0	15.9	7.3	0.0	77.0	17.2	5.8	77.0	17.2	5.8	
210	1067		0.0	34.0	51.4	14.6	34.0	51.4	14.6	0.0	34.0	56.5	9.5	34.0	56.5	9.5	
210	1068		0.0	26.0	51.0	23.0	26.0	51.0	23.0	0.0	26.0	57.3	16.7	26.0	57.3	16.7	
210	1069		0.0	73.0	17.4	10.6	73.0	17.4	10.6	0.0	73.0	18.9	8.1	73.0	18.9	8.1	
210	1070		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1071		0.0	35.5	52.2	12.3	35.5	52.2	12.3	0.0	35.5	56.3	8.2	35.5	56.3	8.2	
210	1072		0.0	70.0	21.0	9.0	70.0	21.0	9.0	0.0	70.0	22.7	7.3	70.0	22.7	7.3	
210	1073		0.0	62.0	29.8	8.2	62.0	29.8	8.2	0.0	62.0	32.5	5.5	62.0	32.5	5.5	
210	1074		0.0	82.3	13.7	4.0	82.3	13.7	4.0	0.0	82.3	14.8	2.9	82.3	14.8	2.9	
210	1075		0.0	83.0	9.2	7.8	83.0	9.2	7.8	0.0	83.0	10.8	6.2	83.0	10.8	6.2	
210	1076		13.3	76.3	5.3	5.0	88.1	6.1	5.8	13.3	76.3	6.5	3.9	88.0	7.5	4.5	
210	1077		2.0	77.5	15.1	5.5	79.0	15.4	5.6	2.0	77.5	17.2	3.3	79.1	17.5	3.4	*
210	1078	A	0.0	29.7	43.3	27.0	29.7	43.3	27.0	0.0	29.7	51.5	18.8	29.7	51.5	18.8	
210	1079		0.0	77.1	17.2	5.8	77.1	17.2	5.8	0.0	77.1	18.8	4.1	77.1	18.8	4.1	
210	1080		0.0	86.9	10.6	2.3	86.9	10.6	2.3	0.0	86.9	11.9	1.2	86.9	11.9	1.2	
210	1081		0.0	91.0	9.0	0.0	91.0	9.0	0.0	0.0	91.0	9.0	0.0	91.0	9.0	0.0	
210	1082		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1083		0.0	71.1	18.6	10.3	71.1	18.6	10.3	0.0	71.1	20.9	8.0	71.1	20.9	8.0	
210	1084		0.0	78.9	12.9	8.0	78.9	12.9	8.0	0.0	78.9	14.7	6.4	78.9	14.7	6.4	
210	1091		0.0	3.0	60.7	36.3	3.0	60.7	36.3	0.0	3.0	70.6	26.4	3.0	70.6	26.4	
210	1092		0.0	40.4	34.2	25.4	40.4	34.2	25.4	0.0	40.4	40.4	19.2	40.4	40.4	19.2	
210	1093		0.0	85.9	7.2	6.8	85.9	7.2	6.8	0.0	85.9	8.7	5.4	85.9	8.7	5.4	
210	1094		0.0	2.8	45.2	52.0	2.8	45.2	52.0	0.0	2.8	56.5	40.7	2.8	56.5	40.7	
210	1095		0.0	16.0	38.4	45.6	16.0	38.4	45.6	0.0	16.0	47.8	36.2	16.0	47.8	36.2	
210	1096		0.0	41.7	26.2	32.1	41.7	26.2	32.1	0.0	41.7	31.8	26.5	41.7	31.8	26.5	*
210	1097		0.0	1.2	37.0	62.8	1.2	37.0	62.8	0.0	1.2	49.3	49.5	1.2	49.3	49.5	
210	1098		0.0	3.6	39.1	57.5	3.6	39.1	57.5	0.0	3.6	49.0	47.4	3.6	49.0	47.4	
210	1099		0.0	7.2	50.4	42.4	7.2	50.4	42.4	0.0	7.2	58.2	34.6	7.2	58.2	34.6	
210	1100		7.0	93.0	0.0	0.0	100.0	0.0	0.0	7.0	93.0	0.0	0.0	100.0	0.0	0.0	
210	1101		14.7	85.3	0.0	0.0	100.0	0.0	0.0	14.7	85.3	0.0	0.0	100.0	0.0	0.0	
210	1102		53.3	46.8	0.0	0.0	100.0	0.0	0.0	53.3	46.8	0.0	0.0	100.0	0.0	0.0	

MC06 5002

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1103		73.3	26.7	0.0	0.0	100.0	0.0	0.0	73.3	26.7	0.0	0.0	100.0	0.0	0.0	
210	1104		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1106		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1107		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1108		0.0	91.0	9.0	0.0	91.0	9.0	0.0	0.0	91.0	9.0	0.0	91.0	9.0	0.0	*
210	1109		0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0	
210	1110		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1112		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1113		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1114		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1115		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1116		26.0	66.5	7.5	0.0	89.9	10.1	0.0	26.0	66.5	7.5	0.0	89.9	10.1	0.0	
210	1117		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1118		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1119		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1120		44.4	55.7	0.0	0.0	100.0	0.0	0.0	44.4	55.7	0.0	0.0	100.0	0.0	0.0	
210	1121		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1123		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1124		5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	
210	1125		2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	*
210	1126		7.5	92.5	0.0	0.0	100.0	0.0	0.0	7.5	92.5	0.0	0.0	100.0	0.0	0.0	*
210	1127		15.6	84.3	0.0	0.0	100.0	0.0	0.0	15.6	84.3	0.1	0.0	100.0	0.0	0.0	
210	1128		5.9	94.1	0.0	0.0	100.0	0.0	0.0	5.9	94.1	0.0	0.0	100.0	0.0	0.0	*
210	1129		37.0	63.0	0.0	0.0	100.0	0.0	0.0	37.0	63.0	0.0	0.0	100.0	0.0	0.0	
210	1130		58.8	39.2	2.1	0.0	94.9	5.1	0.0	58.8	39.2	2.0	0.0	94.9	5.1	0.0	*
210	1133		43.5	54.3	1.4	0.0	97.5	2.5	0.0	43.5	54.3	2.2	0.0	97.5	2.5	0.0	
210	1134		60.1	40.0	0.0	0.0	100.0	0.0	0.0	60.1	40.0	0.0	0.0	100.0	0.0	0.0	
210	1135		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1136		27.5	72.5	0.0	0.0	100.0	0.0	0.0	27.5	72.5	0.0	0.0	100.0	0.0	0.0	
210	1137		73.1	27.0	0.0	0.0	100.0	0.0	0.0	73.1	27.0	0.0	0.0	100.0	0.0	0.0	
210	1138		42.0	54.4	3.6	0.0	93.8	6.2	0.0	42.0	54.4	3.6	0.0	93.8	6.2	0.0	*
210	1139		96.5	3.6	0.0	0.0	100.0	0.0	0.0	96.5	3.6	0.0	0.0	100.0	0.0	0.0	
210	1140		22.0	76.4	1.6	0.0	97.9	2.1	0.0	22.0	76.4	1.6	0.0	97.9	2.1	0.0	
210	1141		14.6	81.3	4.3	0.0	95.0	5.0	0.0	14.6	81.3	4.1	0.0	95.0	5.0	0.0	
210	1142		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1143		1.4	98.6	0.0	0.0	100.0	0.0	0.0	1.4	98.6	0.0	0.0	100.0	0.0	0.0	*
210	1144		54.3	45.4	0.9	0.0	98.1	1.9	0.0	54.3	45.4	0.3	0.0	98.1	1.9	0.0	
210	1146		95.4	4.7	0.0	0.0	100.0	0.0	0.0	95.4	4.7	0.0	0.0	100.0	0.0	0.0	
210	1147		92.0	7.4	0.6	0.0	92.5	7.5	0.0	92.0	7.4	0.6	0.0	92.5	7.5	0.0	
210	1148		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1149		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1150		87.8	12.1	0.0	0.0	100.0	0.0	0.0	87.8	12.1	0.1	0.0	100.0	0.0	0.0	
210	1151		24.9	75.1	0.0	0.0	100.0	0.0	0.0	24.9	75.1	0.0	0.0	100.0	0.0	0.0	
210	1152		90.0	9.0	1.0	0.0	90.0	10.0	0.0	90.0	9.0	1.0	0.0	90.0	10.0	0.0	
210	1153		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1154		28.8	72.1	0.0	0.0	100.0	0.0	0.0	28.8	72.1	0.0	0.0	100.0	0.0	0.0	
210	1155		70.8	27.2	2.4	0.0	91.9	8.1	0.0	70.8	27.2	2.0	0.0	91.9	8.1	0.0	
210	1156		90.7	8.9	0.4	0.0	95.7	4.3	0.0	90.7	8.9	0.4	0.0	95.7	4.3	0.0	
210	1157		13.3	82.4	4.3	0.0	95.0	5.0	0.0	13.3	82.4	4.3	0.0	95.0	5.0	0.0	
210	1158		47.1	49.9	3.2	0.0	94.0	6.0	0.0	47.1	49.9	3.0	0.0	94.0	6.0	0.0	
210	1160		94.8	4.4	0.5	0.2	86.3	9.8	3.9	94.8	4.4	0.6	0.2	84.6	11.0	4.4	
210	1161		13.1	74.6	12.2	0.0	85.9	14.1	0.0	13.1	74.6	12.3	0.0	85.9	14.1	0.0	
210	1162		33.3	60.2	6.7	0.0	90.0	10.0	0.0	33.3	60.2	6.5	0.0	90.0	10.0	0.0	
210	1163		8.4	86.1	5.5	0.0	94.0	6.0	0.0	8.4	86.1	5.5	0.0	94.0	6.0	0.0	*
210	1164		0.0	75.0	25.0	0.0	75.0	25.0	0.0	0.0	75.0	25.0	0.0	75.0	25.0	0.0	
210	1165		10.4	86.8	2.7	0.0	97.0	3.0	0.0	10.4	86.8	2.8	0.0	97.0	3.0	0.0	
210	1166	A	34.2	51.4	8.3	6.3	77.9	12.6	9.5	34.2	51.4	9.5	4.9	78.1	14.4	7.5	
210	1166	B	0.0	48.5	23.6	27.9	48.5	23.6	27.9	0.0	48.5	29.0	22.5	48.5	29.0	22.5	
210	1167		71.8	17.4	5.9	5.0	61.5	20.8	17.7	71.8	17.4	6.6	4.2	61.7	23.5	14.8	
210	1168		23.9	70.8	5.3	0.0	93.0	7.0	0.0	23.9	70.8	5.3	0.0	93.0	7.0	0.0	
210	1169		31.3	46.7	9.2	12.7	68.1	13.4	18.5	31.3	46.7	11.3	10.7	68.0	16.4	15.6	
210	1170		0.0	20.0	42.6	37.4	20.0	42.6	37.4	0.0	20.0	50.3	29.7	20.0	50.3	29.7	
210	1171		7.0	4.6	30.9	57.5	4.9	33.2	61.9	7.0	4.6	44.8	43.6	4.9	48.2	46.9	*
210	1172	A	12.5	29.3	20.8	37.4	33.5	23.8	42.7	12.5	29.3	27.8	30.4	33.5	31.8	34.7	
210	1173		0.0	65.5	21.5	13.0	65.5	21.5	13.0	0.0	65.5	23.3	11.2	65.5	23.3	11.2	
210	1175		29.2	36.7	18.6	15.4	51.9	26.3	21.8	29.2	36.7	20.9	13.2	51.8	29.5	18.7	
210	1176		39.4	42.4	10.0	8.2	70.0	16.5	13.5	39.4	42.4	12.5	5.7	70.0	20.6	9.4	
210	1177		24.3	43.4	17.5	14.2	57.8	23.3	18.9	24.3	43.4	20.1	12.2	57.3	26.5	16.2	
210	1178		55.0	37.9	5.8	1.5	83.8	12.8	3.3	55.0	37.9	6.1	1.0	84.2	13.6	2.2	
210	1179		7.4	45.4	29.4	17.8	49.0	31.8	19.2	7.4	45.4	32.2	15.0	49.0	34.8	16.2	*
210	1180		58.7	17.2	14.4	9.1	42.3	35.4	22.4	58.7	17.2	16.6	7.5	41.6	40.2	18.1	*
210	1181		0.0	25.0	48.8	26.2	25.0	48.8	26.2	0.0	25.0	53.8	21.2	25.0	53.8	21.2	
210	1182		4.6	61.0	23.5	10.8	64.0	24.7	11.3	4.6	61.0	29.6	4.8	63.9	31.1	5.0	*
210	1184		64.8	34.0	1.2	0.0	96.6	3.4	0.0	64.8	34.0	1.2	0.0	96.6	3.4	0.0	
210	1186	A	0.0	13.0	46.2	40.8	13.0	46.2	40.8	0.0	13.0	54.1	32.9	13.0	54.1	32.9	
210	1188		0.0	0.9	29.2	70.9	0.9	29.2	70.9	0.0	0.9	46.3	52.8	0.9	46.3	52.8	
210	1189		0.0	0.1	22.5	77.4	0.1	22.5	77.4	0.0	0.1	39.9	60.0	0.1	39.9	60.0	*
210	1191		0.0	0.2	22.8	77.0	0.2	22.8	77.0	0.0	0.2	40.1	59.7	0.2	40.1	59.7	
210	1192	A	3.0	40.8	18.5	37.7	42.0	19.1	38.9	3.0	40.8	26.4	29.8	42.1	27.2	30.8	*
210	1193	A	0.0	12.0	26.5	61.5	12.0	26.5	61.5	0.0	12.0	39.2	48.8	12.0	39.2	48.8	
210	1194		0.0	0.2	22.9	77.9	0.2	22.9	77.9	0.0	0.2	39.6	60.2	0.2	39.6	60.2	
210	1195	A	0.0	54.0	20.8	25.2	54.0	20.8	25.2	0.0	54.0	25.3	20.7	54.0	25.3	20.7	
210	1196		10.9	89.2	0.0	0.0	100.0	0.0	0.0	10.9	89.2	0.0	0.0	100.0	0.0	0.0	
210	1198		95.0	4.7	0.2	0.0	95.9	4.1	0.0	95.0	4.7	0.3	0.0	95.9	4.1	0.0	
210	1199		0.0	33.0	49.4	17.6	33.0	49.4	17.6	0.0	33.0	53.9	13.1	33.0	53.9	13.1	
210	1200		13.4	76.3	10.4	0.0	88.0	12.0	0.0	13.4	76.3	10.3	0.0	88.0	12.0	0.0	
210	1201		97.9	2.0	0.0	0.0	100.0	0.0	0.0	97.9	2.0	0.1	0.0	100.0	0.0	0.0	
210	1202		0.0	4.7	49.3	46.0	4.7	49.3	46.0	0.0	4.7	60.9	34.4	4.7	60.9	34.4	
210	1203		0.0	39.0	49.5	11.7	39.0	49.5	11.7	0.0	39.0	52.0	9.0	39.0	52.0	9.0	
210	1204		69.4	28.8	1.9	0.0	93.8	6.2	0.0	69.4	28.8	1.8	0.0	93.8	6.2	0.0	

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1205		0.0	9.6	61.8	28.9	9.6	61.8	28.9	0.0	9.6	72.0	18.4	9.6	72.0	18.4	
210	1206		0.0	88.0	12.0	0.0	88.0	12.0	0.0	0.0	88.0	12.0	0.0	88.0	12.0	0.0	*
210	1207		28.8	71.8	0.0	0.0	100.0	0.0	0.0	28.8	71.8	0.0	0.0	100.0	0.0	0.0	
210	1208		0.0	91.8	8.8	0.0	91.8	8.8	0.0	0.0	91.8	8.8	0.0	91.8	8.8	0.0	
210	1209		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1210		0.0	98.0	8.0	0.0	98.0	8.0	0.0	0.0	98.0	8.0	0.0	98.0	8.0	0.0	
210	1211		31.6	67.6	0.7	0.0	99.0	1.0	0.0	31.6	67.6	0.8	0.0	99.0	1.0	0.0	
210	1212		0.0	71.8	17.0	11.8	71.8	17.0	11.8	0.0	71.8	19.1	9.4	71.8	19.1	9.4	
210	1213		0.0	48.0	33.0	19.0	48.0	33.0	19.0	0.0	48.0	37.4	14.6	48.0	37.4	14.6	
210	1214	A	3.5	21.0	34.8	40.7	21.8	36.1	42.2	3.5	21.0	42.4	33.1	21.8	43.9	34.3	
210	1214	B	0.0	25.9	35.9	38.2	25.9	35.9	38.2	0.0	25.9	44.1	30.0	25.9	44.1	30.0	
210	1216		16.4	83.6	0.0	0.0	100.0	0.0	0.0	16.4	83.6	0.0	0.0	100.0	0.0	0.0	
210	1217		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1219		21.6	78.4	0.0	0.0	100.0	0.0	0.0	21.6	78.4	0.0	0.0	100.0	0.0	0.0	
210	1220		4.3	95.7	0.0	0.0	100.0	0.0	0.0	4.3	95.7	0.0	0.0	100.0	0.0	0.0	*
210	1221		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1222		33.3	66.6	0.0	0.0	100.0	0.0	0.0	33.3	66.6	0.1	0.0	100.0	0.0	0.0	
210	1224		30.1	45.4	24.5	0.0	64.9	35.0	0.0	30.1	45.4	17.1	7.4	64.9	24.5	10.6	*
210	1226		0.0	75.0	18.7	6.3	75.0	18.7	6.3	0.0	75.0	19.2	5.8	75.0	19.2	5.8	*
210	1227		21.3	29.9	26.9	21.9	38.0	34.2	27.8	21.3	29.9	30.9	17.9	38.0	39.3	22.7	
210	1228		30.0	66.9	3.2	0.0	95.4	4.6	0.0	30.0	66.9	3.1	0.0	95.4	4.6	0.0	
210	1229		0.0	65.0	21.6	13.4	65.0	21.6	13.4	0.0	65.0	25.4	9.6	65.0	25.4	9.6	*
210	1230		31.8	60.3	7.9	0.0	88.4	11.6	0.0	31.8	60.3	7.9	0.0	88.4	11.6	0.0	
210	1231		0.0	76.0	17.7	6.3	76.0	17.7	6.3	0.0	76.0	18.8	5.2	76.0	18.8	5.2	
210	1232		0.0	54.0	36.3	9.7	54.0	36.3	9.7	0.0	54.0	37.6	8.4	54.0	37.6	8.4	
210	1233		68.9	24.7	6.5	0.0	79.2	20.8	0.0	68.9	24.7	6.4	0.0	79.2	20.8	0.0	
210	1234		0.0	10.5	65.1	24.4	10.5	65.1	24.4	0.0	10.5	70.9	18.6	10.5	70.9	18.6	
210	1235		85.9	5.8	6.4	1.9	41.1	45.4	13.5	85.9	5.8	6.8	1.5	41.1	48.2	10.6	
210	1236		0.0	82.0	14.4	3.7	82.0	14.4	3.7	0.0	82.0	14.9	3.1	82.0	14.9	3.1	
210	1237		7.3	83.4	9.3	0.0	90.0	10.0	0.0	7.3	83.4	9.3	0.0	90.0	10.0	0.0	*
210	1238		70.8	28.6	0.6	0.0	97.9	2.1	0.0	70.8	28.6	0.6	0.0	97.9	2.1	0.0	
210	1239	A	50.5	44.5	5.0	0.0	90.0	10.0	0.0	50.5	44.5	5.0	0.0	90.0	10.0	0.0	*
210	1239	B	0.0	79.0	16.4	4.6	79.0	16.4	4.6	0.0	79.0	16.8	4.2	79.0	16.8	4.2	
210	1240		12.9	39.3	39.6	8.3	45.1	45.4	9.5	12.9	39.3	41.3	6.5	45.1	47.4	7.4	
210	1241		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1242		5.3	51.1	31.3	12.2	54.0	33.1	12.9	5.3	51.1	33.5	10.1	54.0	35.3	10.7	*
210	1243		0.0	7.3	63.9	28.8	7.3	63.9	28.8	0.0	7.3	70.1	22.6	7.3	70.1	22.6	
210	1245		15.1	84.9	0.0	0.0	100.0	0.0	0.0	15.1	84.9	0.0	0.0	100.0	0.0	0.0	
210	1246		86.6	12.8	0.6	0.0	96.2	3.8	0.0	86.6	12.8	0.6	0.0	96.2	3.8	0.0	
210	1248		0.0	40.0	47.1	12.9	40.0	47.1	12.9	0.0	40.0	49.2	10.8	40.0	49.2	10.8	
210	1249		0.0	9.0	55.5	35.5	9.0	55.5	35.5	0.0	9.0	67.0	24.0	9.0	67.0	24.0	
210	1250		0.0	12.5	42.0	45.5	12.5	42.0	45.5	0.0	12.5	55.7	31.8	12.5	55.7	31.8	
210	1251		0.0	23.2	53.1	23.7	23.2	53.1	23.7	0.0	23.2	59.4	17.4	23.2	59.4	17.4	
210	1252		0.0	10.8	62.9	26.3	10.8	62.9	26.3	0.0	10.8	71.9	17.3	10.8	71.9	17.3	
210	1253	A	6.9	57.7	19.4	15.7	62.2	20.9	16.9	6.9	57.7	23.5	11.9	62.0	25.2	12.8	*
210	1253	B	0.0	43.0	37.7	19.3	43.0	37.7	19.3	0.0	43.0	44.2	12.8	43.0	44.2	12.8	
210	1255	A	0.0	4.0	70.7	25.3	4.0	70.7	25.3	0.0	4.0	80.3	15.7	4.0	80.3	15.7	
210	1255	B	0.0	3.3	68.6	28.1	3.3	68.6	28.1	0.0	3.3	78.7	18.0	3.3	78.7	18.0	*
210	1256		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1257		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1258		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1259		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1261		0.0	75.0	18.5	6.5	75.0	18.5	6.5	0.0	75.0	20.8	4.2	75.0	20.8	4.2	
210	1262		0.0	46.0	42.8	11.2	46.0	42.8	11.2	0.0	46.0	46.6	7.4	46.0	46.6	7.4	
210	1263		0.0	13.0	61.2	25.8	13.0	61.2	25.8	0.0	13.0	67.2	19.8	13.0	67.2	19.8	
210	1264		0.0	64.0	29.2	6.8	64.0	29.2	6.8	0.0	64.0	31.2	4.8	64.0	31.2	4.8	
210	1265		0.0	25.0	58.1	16.9	25.0	58.1	16.9	0.0	25.0	62.6	12.4	25.0	62.6	12.4	
210	1268		0.0	39.0	52.3	8.7	39.0	52.3	8.7	0.0	39.0	55.2	5.8	39.0	55.2	5.8	
210	1269		0.0	27.0	54.9	18.1	27.0	54.9	18.1	0.0	27.0	59.8	13.2	27.0	59.8	13.2	
210	1270	A	0.0	70.0	25.7	4.3	70.0	25.7	4.3	0.0	70.0	26.7	3.3	70.0	26.7	3.3	
210	1270	B	0.0	7.0	40.1	52.9	7.0	40.1	52.9	0.0	7.0	49.5	43.5	7.0	49.5	43.5	
210	1271		0.0	46.0	45.1	8.9	46.0	45.1	8.9	0.0	46.0	47.7	6.3	46.0	47.7	6.3	
210	1272		0.0	63.0	27.9	9.1	63.0	27.9	9.1	0.0	63.0	30.6	6.4	63.0	30.6	6.4	
210	1273		2.0	83.2	14.7	0.0	85.0	15.0	0.0	2.0	83.2	14.8	0.0	85.0	15.0	0.0	*
210	1275		29.5	70.4	0.0	0.0	100.0	0.0	0.0	29.5	70.4	0.1	0.0	100.0	0.0	0.0	
210	1276		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	*
210	1277		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1278		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1279		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1280		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1281	A	4.4	90.0	5.7	0.0	94.0	6.0	0.0	4.4	90.0	5.6	0.0	94.0	6.0	0.0	
210	1281	B	8.0	89.5	2.5	0.0	97.3	2.7	0.0	8.0	89.5	2.5	0.0	97.3	2.7	0.0	
210	1282		5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	
210	1283		22.2	77.7	0.0	0.0	100.0	0.0	0.0	22.2	77.7	0.1	0.0	100.0	0.0	0.0	
210	1284		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1285		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1286		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1287		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1288	A	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1289		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1290		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1291		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1292		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1293		17.2	82.7	0.0	0.0	100.0	0.0	0.0	17.2	82.7	0.0	0.0	100.0	0.0	0.0	*
210	1294		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1295		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1296		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1297		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1298		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1299		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	

MC206..5002

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1300		45.4	54.5	0.0	0.0	100.0	0.0	0.0	45.4	54.5	0.1	0.0	100.0	0.0	0.0	
210	1301		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1302		36.0	64.0	0.0	0.0	100.0	0.0	0.0	36.0	64.0	0.0	0.0	100.0	0.0	0.0	
210	1303		0.0	99.0	0.0	0.0	99.0	0.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1304		44.0	56.0	0.0	0.0	100.0	0.0	0.0	44.0	56.0	0.0	0.0	100.0	0.0	0.0	
210	1305		0.0	86.0	6.1	8.1	86.0	6.1	8.1	0.0	86.0	7.0	7.0	86.0	7.0	7.0	
210	1306		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1307		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1308		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1309		0.0	92.7	7.3	0.0	92.7	7.3	0.0	0.0	92.7	7.3	0.0	92.7	7.3	0.0	
210	1310		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1311		2.2	97.8	0.0	0.0	100.0	0.0	0.0	2.2	97.8	0.0	0.0	100.0	0.0	0.0	*
210	1312	A	88.1	12.0	0.0	0.0	100.0	0.0	0.0	88.1	12.0	0.0	0.0	100.0	0.0	0.0	
210	1312	B	0.0	66.0	15.0	19.0	66.0	15.0	19.0	0.0	66.0	17.9	16.1	66.0	17.9	16.1	
210	1313		7.2	92.8	0.0	0.0	100.0	0.0	0.0	7.2	92.8	0.0	0.0	100.0	0.0	0.0	
210	1314		30.1	69.9	0.0	0.0	100.0	0.0	0.0	30.1	69.9	0.0	0.0	100.0	0.0	0.0	
210	1315		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1316		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1317		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1318		0.0	100.1	0.0	0.0	100.1	0.0	0.0	0.0	100.1	0.0	0.0	100.1	0.0	0.0	
210	1319		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1320		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1321		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1322		0.0	99.0	0.0	0.0	99.0	0.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1323		0.0	68.0	21.4	10.6	68.0	21.4	10.6	0.0	68.0	25.2	6.8	68.0	25.2	6.8	
210	1324	A	0.0	74.0	16.5	9.5	74.0	16.5	9.5	0.0	74.0	19.4	6.6	74.0	19.4	6.6	
210	1325		0.0	76.5	16.5	7.0	76.5	16.5	7.0	0.0	76.5	18.0	5.5	76.5	18.0	5.5	
210	1326		0.0	36.5	48.9	14.6	36.5	48.9	14.6	0.0	36.5	53.2	10.3	36.5	53.2	10.3	
210	1327		0.0	0.6	74.9	24.5	0.6	74.9	24.5	0.0	0.6	85.4	14.0	0.6	85.4	14.0	
210	1328		0.0	0.6	56.7	42.7	0.6	56.7	42.7	0.0	0.6	69.8	29.6	0.6	69.8	29.6	
210	1329	A	0.0	14.0	42.2	43.8	14.0	42.2	43.8	0.0	14.0	53.2	32.8	14.0	53.2	32.8	
210	1329	B	0.0	10.7	41.4	47.9	10.7	41.4	47.9	0.0	10.7	53.8	35.5	10.7	53.8	35.5	
210	1330		0.0	1.5	55.7	42.8	1.5	55.7	42.8	0.0	1.5	69.7	28.8	1.5	69.7	28.8	
210	1332		0.0	9.2	51.7	39.1	9.2	51.7	39.1	0.0	9.2	66.5	24.3	9.2	66.5	24.3	
210	1333		0.0	5.0	52.7	42.3	5.0	52.7	42.3	0.0	5.0	67.9	27.1	5.0	67.9	27.1	
210	1334		0.0	5.0	63.4	31.6	5.0	63.4	31.6	0.0	5.0	74.0	21.0	5.0	74.0	21.0	
210	1335		0.0	60.3	28.7	11.2	60.3	28.7	11.2	0.0	60.3	32.6	7.1	60.3	32.6	7.1	
210	1336		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1337		2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	*
210	1338		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1339		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1340		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1341		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1342		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1343		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1344		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1345		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1346		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1347		50.7	49.2	0.0	0.0	100.0	0.0	0.0	50.7	49.2	0.1	0.0	100.0	0.0	0.0	
210	1348		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1349		10.5	89.4	0.0	0.0	100.0	0.0	0.0	10.5	89.4	0.1	0.0	100.0	0.0	0.0	
210	1350		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1351		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1352		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1353		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1354		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1355	A	0.0	94.5	5.5	0.0	94.5	5.5	0.0	0.0	94.5	5.5	0.0	94.5	5.5	0.0	
210	1356		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1357		0.0	38.5	47.0	14.7	38.5	47.0	14.7	0.0	38.5	52.5	9.0	38.5	52.5	9.0	
210	1358		0.0	73.0	20.9	7.1	73.0	20.9	7.1	0.0	73.0	22.3	4.7	73.0	22.3	4.7	
210	1359		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1360	A	0.0	86.5	10.9	2.7	86.5	10.9	2.7	0.0	86.5	11.9	1.6	86.5	11.9	1.6	
210	1361		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1362		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1363		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1364		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1365		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1366		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1367		0.0	79.0	18.7	2.3	79.0	18.7	2.3	0.0	79.0	20.6	0.4	79.0	20.6	0.4	
210	1368	A	0.0	5.3	42.7	52.0	5.3	42.7	52.0	0.0	5.3	52.4	42.3	5.3	52.4	42.3	
210	1368	B	0.0	2.0	23.1	74.9	2.0	23.1	74.9	0.0	2.0	35.3	62.7	2.0	35.3	62.7	
210	1369	A	8.0	89.0	3.0	0.0	96.7	3.3	0.0	8.0	89.0	3.0	0.0	96.7	3.3	0.0	
210	1371		0.0	94.0	4.7	1.3	94.0	4.7	1.3	0.0	94.0	6.0	0.0	94.0	6.0	0.0	*
210	1372		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	*
210	1373		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1374		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1375		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1376		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1377		4.0	96.0	0.0	0.0	100.0	0.0	0.0	4.0	96.0	0.0	0.0	100.0	0.0	0.0	*
210	1378		20.0	80.0	0.0	0.0	100.0	0.0	0.0	20.0	80.0	0.0	0.0	100.0	0.0	0.0	
210	1379		4.4	95.6	0.0	0.0	100.0	0.0	0.0	4.4	95.6	0.0	0.0	100.0	0.0	0.0	*
210	1380		31.4	68.6	0.0	0.0	100.0	0.0	0.0	31.4	68.6	0.0	0.0	100.0	0.0	0.0	*
210	1381		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1382	A	9.7	90.3	0.0	0.0	100.0	0.0	0.0	9.7	90.3	0.0	0.0	100.0	0.0	0.0	*
210	1382	B	9.7	59.3	12.6	18.4	65.7	14.0	20.4	9.7	59.3	16.9	14.1	65.7	18.7	15.7	*
210	1383		0.0	66.0	19.1	14.9	66.0	19.1	14.9	0.0	66.0	22.8	11.2	66.0	22.8	11.2	
210	1384		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1385		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1386		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1387		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1388		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1389		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1390		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1391		10.0	89.2	0.8	0.0	99.1	0.9	0.0	10.0	89.2	0.8	0.0	99.1	0.9	0.0	*
210	1392		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1393		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1394		45.4	54.5	0.1	0.0	100.0	0.0	0.0	45.4	54.5	0.1	0.0	100.0	0.0	0.0	
210	1395		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1396		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1397		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1398		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1399		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1400		3.0	89.0	8.0	0.0	91.8	8.2	0.0	3.0	89.0	8.0	0.0	91.8	8.2	0.0	*
210	1407		15.7	84.2	0.0	0.0	100.0	0.0	0.0	15.7	84.2	0.1	0.0	100.0	0.0	0.0	
210	1408		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1409		0.0	85.0	15.0	0.0	85.0	15.0	0.0	0.0	85.0	15.0	0.0	85.0	15.0	0.0	
210	1410		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1411		1.1	98.9	0.0	0.0	100.0	0.0	0.0	1.1	98.9	0.0	0.0	100.0	0.0	0.0	*
210	1412		59.2	40.7	0.0	0.0	100.0	0.0	0.0	59.2	40.7	0.1	0.0	100.0	0.0	0.0	
210	1415		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1416		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1417		2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	
210	1418		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1419		0.0	100.5	0.0	0.0	100.5	0.0	0.0	0.0	100.5	0.0	0.0	100.5	0.0	0.0	*
210	1420		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1421		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1422		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1423		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1424		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1425		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1426		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1427		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1428	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1429		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1430		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1431		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1432		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1433		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1434		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1435		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1436		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1437		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1438		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1439		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1440		0.0	98.5	1.5	0.0	98.5	1.5	0.0	0.0	98.5	1.5	0.0	98.5	1.5	0.0	
210	1441	A	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1442		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1443	A	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1444		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1445		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1446		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1447		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1448		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1449		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1450		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1451		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1452		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1453		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1454		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1455		6.0	94.0	0.0	0.0	100.0	0.0	0.0	6.0	94.0	0.0	0.0	100.0	0.0	0.0	*
210	1456		1.5	98.5	0.0	0.0	100.0	0.0	0.0	1.5	98.5	0.0	0.0	100.0	0.0	0.0	
210	1457		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1458		1.5	98.5	0.0	0.0	100.0	0.0	0.0	1.5	98.5	0.0	0.0	100.0	0.0	0.0	
210	1459		2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	*
210	1460		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1461		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1462		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1463		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1464		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1465	A	4.0	96.0	0.0	0.0	100.0	0.0	0.0	4.0	96.0	0.0	0.0	100.0	0.0	0.0	
210	1466		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1467		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1468		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1469		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1470		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1471		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1472		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1473		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1474		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1475		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1476		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1477		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1478		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1479		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1480		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1481		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1482		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1483		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1484		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1485		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	

M2106 - 5902

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1486	A	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1487		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1488	A	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1489		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1490		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1491		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1492		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1493		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1494		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1495		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1496		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1497		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1498		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1499		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1500		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1501		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1502		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1503	A	0.0	94.6	1.7	3.7	94.6	1.7	3.7	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1504		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	94.6	2.2	3.2	94.6	2.2	3.2	
210	1505		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1506		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1507		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1508	A	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1509	A	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1510		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1511		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1512		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1513		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1514	A	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1515		0.0	51.0	22.6	26.4	51.0	22.6	26.4	0.0	51.0	25.5	23.5	51.0	25.5	23.5	
210	1516		0.0	53.0	18.0	29.0	53.0	18.0	29.0	0.0	53.0	21.5	25.5	53.0	21.5	25.5	
210	1517		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1518		0.0	54.0	14.1	31.9	54.0	14.1	31.9	0.0	54.0	17.6	28.4	54.0	17.6	28.4	
210	1519		0.0	78.0	8.4	13.6	78.0	8.4	13.6	0.0	78.0	9.4	12.6	78.0	9.4	12.6	
210	1520		0.0	69.0	9.2	21.8	69.0	9.2	21.8	0.0	69.0	11.7	19.3	69.0	11.7	19.3	
210	1521		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1522		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1523		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1524		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1525		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1526		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1527		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1528		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1529		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1530		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1531		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1532		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1533		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	*
210	1534		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1535		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1536		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1537	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1538	A	0.5	99.5	0.0	0.0	100.0	0.0	0.0	0.5	99.5	0.0	0.0	100.0	0.0	0.0	*
210	1539		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1540		0.0	98.5	1.5	0.0	98.5	1.5	0.0	0.0	98.5	1.5	0.0	98.5	1.5	0.0	
210	1541		0.0	80.0	14.7	5.3	80.0	14.7	5.3	0.0	80.0	15.3	4.7	80.0	15.3	4.7	
210	1542		0.0	60.0	31.7	8.3	60.0	31.7	8.3	0.0	60.0	32.7	7.3	60.0	32.7	7.3	
210	1543		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1544		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1545	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1546		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1547		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1548		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1549		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1550		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	1551		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1552		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1553		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1554		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1555		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1556		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1557		0.0	90.5	9.5	0.0	90.5	9.5	0.0	0.0	90.5	9.5	0.0	90.5	9.5	0.0	
210	1558		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1559		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1560		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1561		0.0	23.0	46.7	30.3	23.0	46.7	30.3	0.0	23.0	50.4	26.6	23.0	50.4	26.6	
210	1562		0.0	49.0	28.7	22.3	49.0	28.7	22.3	0.0	49.0	35.0	16.0	49.0	35.0	16.0	
210	1563		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1564		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1565		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1566		0.0	84.0	10.8	5.4	84.0	10.8	5.4	0.0	84.0	11.3	4.7	84.0	11.3	4.7	
210	1567		0.0	17.8	57.2	25.3	17.8	57.2	25.3	0.0	17.8	68.6	13.9	17.8	62.6	19.9	
210	1568		0.0	42.0	39.0	19.0	42.0	39.0	19.0	0.0	42.0	41.3	16.7	42.0	41.3	16.7	
210	1569		0.0	54.0	31.7	14.3	54.0	31.7	14.3	0.0	54.0	32.1	13.9	54.0	32.1	13.9	
210	1570		0.0	60.0	24.8	15.2	60.0	24.8	15.2	0.0	60.0	26.1	13.9	60.0	26.1	13.9	
210	1571		2.0	61.0	22.6	14.4	62.2	23.1	14.7	2.0	61.0	23.9	13.1	62.2	24.4	13.4	
210	1572		1.0	64.0	18.4	16.6	64.6	18.6	16.8	1.0	64.0	19.9	15.1	64.6	20.1	15.3	
210	1573		0.0	75.0	14.0	11.0	75.0	14.0	11.0	0.0	75.0	15.1	9.9	75.0	15.1	9.9	
210	1574		0.0	61.0	27.5	11.5	61.0	27.5	11.5	0.0	61.0	28.7	10.3	61.0	28.7	10.3	
210	1575		0.0	74.5	14.2	11.3	74.5	14.2	11.3	0.0	74.5	15.5	10.0	74.5	15.5	10.0	

PERCENT IN FRACTION

[illegible]6.85602

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1576		0.5	58.5	23.8	17.2	58.8	23.9	17.3	0.5	58.5	25.2	15.8	58.8	25.3	15.9	
210	1580	A	0.0	36.0	37.1	26.9	36.0	37.1	26.9	0.0	36.0	40.0	24.0	36.0	40.0	24.0	
210	1581		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1583	A	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1584		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1585		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1586	A	0.0	21.5	43.6	34.9	21.5	43.6	34.9	0.0	21.5	47.4	31.1	21.5	47.4	31.1	
210	1587		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1588		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1589		0.0	69.0	17.3	13.7	69.0	17.3	13.7	0.0	69.0	18.8	12.2	69.0	18.8	12.2	
210	1590		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1591		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1592		0.0	13.5	51.5	35.0	13.5	51.5	35.0	0.0	13.5	54.9	31.6	13.5	54.9	31.6	
210	1593		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1594		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1595		0.0	52.0	28.2	19.8	52.0	28.2	19.8	0.0	52.0	30.4	17.6	52.0	30.4	17.6	
210	1596		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1597	A	0.0	20.0	50.4	29.6	20.0	50.4	29.6	0.0	20.0	53.6	26.4	20.0	53.6	26.4	
210	1598		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1599		0.0	20.0	51.7	28.3	20.0	51.7	28.3	0.0	20.0	55.2	24.8	20.0	55.2	24.8	
210	1600		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1601	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1602		0.0	50.0	34.0	16.0	50.0	34.0	16.0	0.0	50.0	35.5	14.5	50.0	35.5	14.5	
210	1603		0.0	56.0	30.2	13.8	56.0	30.2	13.8	0.0	56.0	31.0	13.0	56.0	31.0	13.0	
210	1604		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1605		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1606		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1607		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1608		0.0	38.0	43.1	18.9	38.0	43.1	18.9	0.0	38.0	44.8	17.2	38.0	44.8	17.2	
210	1609		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1610		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1611		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1612		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1613		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1614		0.0	62.0	24.3	13.7	62.0	24.3	13.7	0.0	62.0	26.0	12.0	62.0	26.0	12.0	*
210	1615		0.0	63.0	23.1	13.9	63.0	23.1	13.9	0.0	63.0	24.5	12.5	63.0	24.5	12.5	
210	1616		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1617	A	0.0	20.0	52.1	27.9	20.0	52.1	27.9	0.0	20.0	54.7	25.3	20.0	54.7	25.3	
210	1618		0.0	55.0	28.6	16.4	55.0	28.6	16.4	0.0	55.0	30.9	14.1	55.0	30.9	14.1	
210	1619		0.0	25.0	50.3	24.7	25.0	50.3	24.7	0.0	25.0	53.1	21.9	25.0	53.1	21.9	
210	1620		0.0	91.0	9.0	0.0	91.0	9.0	0.0	0.0	91.0	9.0	0.0	91.0	9.0	0.0	
210	1621		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1622		0.0	19.0	54.3	26.7	19.0	54.3	26.7	0.0	19.0	57.9	23.1	19.0	57.9	23.1	
210	1623		0.0	15.0	59.9	25.1	15.0	59.9	25.1	0.0	15.0	63.9	21.1	15.0	63.9	21.1	
210	1624	A	0.0	80.0	16.0	4.0	80.0	16.0	4.0	0.0	80.0	16.4	3.6	80.0	16.4	3.6	
210	1625		0.0	63.0	29.1	7.9	63.0	29.1	7.9	0.0	63.0	30.2	6.8	63.0	30.2	6.8	
210	1626		0.0	20.0	60.1	19.9	20.0	60.1	19.9	0.0	20.0	62.2	17.8	20.0	62.2	17.8	
210	1627		0.0	14.0	66.7	19.3	14.0	66.7	19.3	0.0	14.0	68.9	17.1	14.0	68.9	17.1	
210	1628		0.0	20.0	53.5	26.5	20.0	53.5	26.5	0.0	20.0	56.2	23.8	20.0	56.2	23.8	
210	1629		0.0	98.5	1.5	0.0	98.5	1.5	0.0	0.0	98.5	1.5	0.0	98.5	1.5	0.0	
210	1630		1.0	58.0	23.6	17.4	58.6	23.8	17.6	1.0	58.0	24.9	16.1	58.6	25.2	16.3	
210	1631		0.0	42.0	39.4	18.6	42.0	39.4	18.6	0.0	42.0	41.4	16.6	42.0	41.4	16.6	
210	1632		0.0	7.0	59.1	33.9	7.0	59.1	33.9	0.0	7.0	60.0	33.0	7.0	60.0	33.0	
210	1633		0.0	3.8	54.3	42.0	3.8	54.3	42.0	0.0	3.8	59.0	37.2	3.8	59.0	37.2	
210	1634		0.0	3.2	57.0	39.8	3.2	57.0	39.8	0.0	3.2	62.9	33.9	3.2	62.9	33.9	
210	1635		0.0	2.7	54.5	42.8	2.7	54.5	42.8	0.0	2.7	60.9	36.4	2.7	60.9	36.4	
210	1636		0.0	61.0	26.8	12.2	61.0	26.8	12.2	0.0	61.0	28.1	10.9	61.0	28.1	10.9	
210	1637		0.0	51.0	43.9	5.2	51.0	43.9	5.2	0.0	51.0	44.6	4.4	51.0	44.6	4.4	
210	1638		0.0	2.8	50.8	46.4	2.8	50.8	46.4	0.0	2.8	55.8	41.4	2.8	55.8	41.4	
210	1639		0.0	5.9	48.8	45.3	5.9	48.8	45.3	0.0	5.9	53.2	40.9	5.9	53.2	40.9	
210	1641		0.0	75.0	14.0	11.0	75.0	14.0	11.0	0.0	75.0	15.5	9.5	75.0	15.5	9.5	
210	1642		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1643		0.0	34.0	36.0	30.0	34.0	36.0	30.0	0.0	34.0	37.8	28.2	34.0	37.8	28.2	
210	1644		0.0	23.0	44.1	32.9	23.0	44.1	32.9	0.0	23.0	46.8	30.2	23.0	46.8	30.2	
210	1645		0.0	32.0	37.2	30.8	32.0	37.2	30.8	0.0	32.0	39.7	28.3	32.0	39.7	28.3	
210	1647		0.0	9.0	47.3	43.7	9.0	47.3	43.7	0.0	9.0	51.9	39.1	9.0	51.9	39.1	
210	1648		0.0	8.5	45.2	46.3	8.5	45.2	46.3	0.0	8.5	53.0	38.5	8.5	53.0	38.5	
210	1649		0.0	40.5	37.4	22.1	40.5	37.4	22.1	0.0	40.5	39.5	20.0	40.5	39.5	20.0	
210	1650		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1653		0.0	34.0	30.9	35.1	34.0	30.9	35.1	0.0	34.0	39.7	26.3	34.0	39.7	26.3	
210	1654		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1655		0.0	22.0	38.1	39.9	22.0	38.1	39.9	0.0	22.0	43.4	34.6	22.0	43.4	34.6	
210	1656		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1657	A	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1658		0.0	73.0	18.2	8.8	73.0	18.2	8.8	0.0	73.0	19.2	7.8	73.0	19.2	7.8	
210	1659		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1660		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1661		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1662		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1663		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1664		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1665		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1666		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1667		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1668		1.5	98.5	0.0	0.0	100.0	0.0	0.0	1.5	98.5	0.0	0.0	100.0	0.0	0.0	
210	1669		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1670		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1671		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1672		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1673		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	

[illegible]06[illegible]02

PERCENT IN FRACTION

CODE #	STATION #	GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1674	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1675	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1676	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1677	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1678	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1679	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1680	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1681	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1682	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1683	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1684	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1685	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1686	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1687	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1688	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1689	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1690	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1691	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1692	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1693	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1694	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1695	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1696	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1697	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1698	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1699	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1700	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1701	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1702	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1703	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1704	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1705	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1706	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1707	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1708	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1709	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1710	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1711	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1712	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1713	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1714	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1715	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1716	0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1717	0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1718	0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0	
210	1719	0.0	91.0	9.0	0.0	91.0	9.0	0.0	0.0	91.0	9.0	0.0	91.0	9.0	0.0	
210	1720	0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1721	0.0	30.0	50.6	19.4	30.0	50.6	19.4	0.0	30.0	52.7	17.3	30.0	52.7	17.3	
210	1722	0.0	4.0	52.3	43.7	4.0	52.3	43.7	0.0	4.0	58.1	37.9	4.0	58.1	37.9	
210	1723	0.0	4.0	57.6	38.4	4.0	57.6	38.4	0.0	4.0	62.5	33.5	4.0	62.5	33.5	
210	1724	0.0	35.0	44.6	20.4	35.0	44.6	20.4	0.0	35.0	46.7	18.3	35.0	46.7	18.3	
210	1725	0.0	7.0	57.4	35.6	7.0	57.4	35.6	0.0	7.0	61.6	31.4	7.0	61.6	31.4	
210	1726	0.0	18.0	49.0	33.0	18.0	49.0	33.0	0.0	18.0	53.1	28.9	18.0	53.1	28.9	
210	1727	0.0	27.0	42.9	30.1	27.0	42.9	30.1	0.0	27.0	45.5	27.5	27.0	45.5	27.5	
210	1728	0.0	33.0	41.7	25.3	33.0	41.7	25.3	0.0	33.0	43.9	23.1	33.0	43.9	23.1	
210	1729	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1730	0.0	66.0	18.2	15.8	66.0	18.2	15.8	0.0	66.0	20.0	14.0	66.0	20.0	14.0	
210	1731	0.0	64.0	19.6	16.4	64.0	19.6	16.4	0.0	64.0	21.1	14.9	64.0	21.1	14.9	
210	1732	0.0	19.0	40.4	40.6	19.0	40.4	40.6	0.0	19.0	45.6	35.4	19.0	45.6	35.4	
210	1733	0.0	64.0	21.5	14.5	64.0	21.5	14.5	0.0	64.0	23.4	12.6	64.0	23.4	12.6	*
210	1734	0.0	34.0	36.6	29.4	34.0	36.6	29.4	0.0	34.0	51.3	14.7	34.0	51.3	14.7	
210	1735	12.0	55.0	19.7	13.3	62.5	22.4	15.1	12.0	55.0	21.8	11.2	62.5	24.8	12.7	
210	1736	0.0	76.0	9.5	14.4	76.0	9.5	14.4	0.0	76.0	11.5	12.5	76.0	11.5	12.5	
210	1737	34.8	57.2	8.0	0.0	87.7	12.3	0.0	34.8	57.2	8.0	0.0	87.7	12.3	0.0	
210	1738	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1739	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1741	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1742	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1743	0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1744	8.8	81.2	10.0	0.0	89.0	11.0	0.0	8.8	81.2	10.0	0.0	89.0	11.0	0.0	
210	1745	21.4	78.6	0.0	0.0	100.0	0.0	0.0	21.4	78.6	0.0	0.0	100.0	0.0	0.0	
210	1746	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1747	0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1748	0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1750	0.0	76.0	16.8	7.2	76.0	16.8	7.2	0.0	76.0	17.8	6.2	76.0	17.8	6.2	
210	1751	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1752	0.0	97.5	2.5	0.0	97.5	2.5	0.0	0.0	97.5	2.5	0.0	97.5	2.5	0.0	
210	1753	0.0	30.0	56.3	13.7	30.0	56.3	13.7	0.0	30.0	58.4	11.6	30.0	58.4	11.6	
210	1754	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1755	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1756	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1757	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1758	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1759	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1760	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1761	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1762	0.0	89.0	6.5	4.4	89.0	6.5	4.4	0.0	89.0	7.0	4.0	89.0	7.0	4.0	
210	1763	0.0	20.0	56.6	23.4	20.0	56.6	23.4	0.0	20.0	60.5	19.5	20.0	60.5	19.5	
210	1764	0.0	68.0	18.4	13.6	68.0	18.4	13.6	0.0	68.0	19.2	12.8	68.0	19.2	12.8	
210	1765	0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	

PERCENT IN FRACTION

MCC06995002

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1766		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1768		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1770		0.0	70.0	16.7	13.3	70.0	16.7	13.3	0.0	70.0	18.1	11.9	70.0	18.1	11.9	
210	1771		0.0	42.0	42.6	15.4	42.0	42.6	15.4	0.0	42.0	45.1	12.9	42.0	45.1	12.9	
210	1772		1.0	98.0	1.0	0.0	99.0	1.0	0.0	1.0	98.0	1.0	0.0	99.0	1.0	0.0	
210	1773		0.0	53.0	29.0	18.0	53.0	29.0	18.0	0.0	53.0	32.7	14.3	53.0	32.7	14.3	
210	1774		2.0	96.0	2.0	0.0	98.0	2.0	0.0	2.0	96.0	2.0	0.0	98.0	2.0	0.0	
210	1775		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1776		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1777		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1778		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1779		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1780		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1781		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1782		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1783		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1784		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1785		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1786		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1787		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1788		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1789		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1790		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1791		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1792		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1793		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1794		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1795		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1796		0.5	95.5	4.0	0.0	96.0	4.0	0.0	0.5	95.5	4.0	0.0	96.0	4.0	0.0	
210	1798		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1800		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1801		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	1802		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1803		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1804		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1805		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1806		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1807		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1808		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1809		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1810		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1811		0.0	62.0	26.8	11.8	62.0	26.8	11.8	0.0	62.0	27.2	10.8	62.0	27.2	10.8	*
210	1812		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1813		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1814		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1815		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1816		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1817		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1818		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1819		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1820		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1821		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1822		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1823		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1824		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1825		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1826		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1827	A	0.0	56.0	26.6	17.4	56.0	26.6	17.4	0.0	56.0	29.1	14.9	56.0	29.1	14.9	*
210	1828		0.0	27.5	44.6	27.9	27.5	44.6	27.9	0.0	27.5	49.5	23.0	27.5	49.5	23.0	*
210	1829		0.0	12.0	45.7	42.3	12.0	45.7	42.3	0.0	12.0	49.7	38.3	12.0	49.7	38.3	*
210	1830	A	0.0	3.3	60.5	37.2	3.3	60.5	37.2	0.0	3.3	69.8	26.9	3.3	69.8	26.9	
210	1834		0.0	7.0	56.2	36.8	7.0	56.2	36.8	0.0	7.0	63.2	29.8	7.0	63.2	29.8	
210	1835		0.0	33.0	39.7	27.3	33.0	39.7	27.3	0.0	33.0	44.7	22.3	33.0	44.7	22.3	
210	1836		0.0	59.0	23.8	17.2	59.0	23.8	17.2	0.0	59.0	26.6	14.4	59.0	26.6	14.4	
210	1837		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1839		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1840		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1841		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1842		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1843		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1844		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1845		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1846		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1847		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1848		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1849		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1850		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1851		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1852		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1853		0.0	3.3	53.1	43.6	3.3	53.1	43.6	0.0	3.3	60.3	36.4	3.3	60.3	36.4	
210	1854		0.0	57.5	25.9	16.6	57.5	25.9	16.6	0.0	57.5	28.4	14.1	57.5	28.4	14.1	
210	1855		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1856		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1857		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1858		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1859		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1860		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1861		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	1862		0.0	6.5	56.8	36.7	6.5	56.8	36.7	0.0	6.5	65.7	27.8	6.5	65.7	27.8	
210	1863		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	

MCC06995002

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1865		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1866		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	1867		0.0	18.4	49.0	33.5	18.4	49.0	33.5	0.0	18.4	56.0	25.6	18.4	56.0	25.6	
210	1868		0.0	50.0	31.8	18.2	50.0	31.8	18.2	0.0	50.0	35.9	14.1	50.0	35.9	14.1	
210	1869		0.0	76.0	17.6	6.4	76.0	17.6	6.4	0.0	76.0	19.0	5.0	76.0	19.0	5.0	
210	1870		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1871		0.5	99.5	0.0	0.0	100.0	0.0	0.0	0.5	99.5	0.0	0.0	100.0	0.0	0.0	
210	1872		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1873		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1874		1.5	97.5	1.0	0.0	99.0	1.0	0.0	1.5	97.5	1.0	0.0	99.0	1.0	0.0	*
210	1875		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1876		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1877		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1878		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1879		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1880		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1881		0.0	44.5	36.1	19.4	44.5	36.1	19.4	0.0	44.5	40.9	14.6	44.5	40.9	14.6	
210	1882		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1883		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1884		0.0	61.5	25.3	13.2	61.5	25.3	13.2	0.0	61.5	28.6	9.9	61.5	28.6	9.9	
210	1885		0.0	66.0	21.6	12.4	66.0	21.6	12.4	0.0	66.0	25.0	9.0	66.0	25.0	9.0	
210	1886		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1887		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1888		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1889		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1890		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1891		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1892	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1893		1.0	42.0	30.4	26.6	42.0	30.4	26.6	1.0	42.0	34.5	22.5	42.4	34.8	22.7	*
210	1894		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1895		0.0	84.0	9.0	7.0	84.0	9.0	7.0	0.0	84.0	10.3	5.7	84.0	10.3	5.7	
210	1896		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1897		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1898		0.0	21.5	42.7	35.8	21.5	42.7	35.8	0.0	21.5	50.1	28.4	21.5	50.1	28.4	
210	1899		26.3	66.4	6.3	0.0	91.3	8.7	0.0	26.3	66.4	7.3	0.0	91.3	8.7	0.0	
210	1900		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1901		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	1902		0.0	1.0	33.5	65.5	1.0	33.5	65.5	0.0	1.0	46.5	52.5	1.0	46.5	52.5	
210	1903		0.0	1.0	35.1	63.9	1.0	35.1	63.9	0.0	1.0	45.6	53.4	1.0	45.6	53.4	
210	1904		18.1	34.4	21.6	25.8	42.1	26.4	31.5	18.1	34.4	26.2	21.3	42.0	31.9	26.1	
210	1905		0.0	5.0	39.3	55.7	5.0	39.3	55.7	0.0	5.0	50.4	44.6	5.0	50.4	44.6	
210	1906		0.0	2.0	39.7	58.3	2.0	39.7	58.3	0.0	2.0	49.2	48.8	2.0	49.2	48.8	
210	1907		0.0	1.0	33.0	66.0	1.0	33.0	66.0	0.0	1.0	44.5	54.5	1.0	44.5	54.5	*
210	1908		24.0	51.1	13.3	11.6	67.2	17.5	15.3	24.0	51.1	15.5	9.4	67.2	20.4	12.4	
210	1909		0.0	16.0	45.4	38.6	16.0	45.4	38.6	0.0	16.0	51.1	32.9	16.0	51.1	32.9	
210	1910		0.0	3.0	41.2	55.8	3.0	41.2	55.8	0.0	3.0	51.2	45.8	3.0	51.2	45.8	
210	1911		0.0	1.0	42.3	56.7	1.0	42.3	56.7	0.0	1.0	50.8	48.2	1.0	50.8	48.2	*
210	1912		0.0	0.4	38.5	61.6	0.4	38.5	61.6	0.0	0.4	50.4	49.2	0.4	50.4	49.2	
210	1913		0.0	21.5	49.1	29.4	21.5	49.1	29.4	0.0	21.5	54.0	24.5	21.5	54.0	24.5	
210	1914		14.2	59.1	22.4	4.4	68.8	26.1	5.1	14.2	59.1	23.0	3.7	68.9	26.8	4.3	
210	1915		0.0	51.0	24.2	24.8	51.0	24.2	24.8	0.0	51.0	27.6	21.4	51.0	27.6	21.4	
210	1917		0.0	8.0	41.8	50.2	8.0	41.8	50.2	0.0	8.0	51.4	40.6	8.0	51.4	40.6	
210	1918		24.8	51.1	13.0	11.0	68.0	17.3	14.6	24.8	51.1	14.6	9.5	68.0	19.4	12.7	
210	1919		0.0	6.0	37.5	56.5	6.0	37.5	56.5	0.0	6.0	47.5	46.5	6.0	47.5	46.5	
210	1920		0.0	17.0	36.9	46.1	17.0	36.9	46.1	0.0	17.0	44.2	38.8	17.0	44.2	38.8	
210	1921		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1922		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1923		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1924		0.0	23.4	58.3	18.3	23.4	58.3	18.3	0.0	23.4	62.4	14.2	23.4	62.4	14.2	
210	1925		0.0	9.5	49.4	41.1	9.5	49.4	41.1	0.0	9.5	57.1	33.4	9.5	57.1	33.4	
210	1926		0.0	19.5	45.3	35.2	19.5	45.3	35.2	0.0	19.5	52.0	28.5	19.5	52.0	28.5	
210	1927		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1928		0.0	13.1	58.5	28.4	13.1	58.5	28.4	0.0	13.1	65.1	21.8	13.1	65.1	21.8	
210	1929		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1930		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1931		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1932		0.0	4.0	57.2	38.8	4.0	57.2	38.8	0.0	4.0	65.1	30.9	4.0	65.1	30.9	
210	1933		0.0	29.8	55.5	14.7	29.8	55.5	14.7	0.0	29.8	60.7	9.5	29.8	60.7	9.5	
210	1934		0.5	36.0	50.1	13.4	36.2	50.4	13.5	0.5	36.0	53.6	9.9	36.2	53.9	9.9	
210	1936		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1937		29.1	69.4	1.4	0.0	98.0	2.0	0.0	29.1	69.4	1.5	0.0	98.0	2.0	0.0	
210	1938		31.0	54.1	10.6	4.3	78.4	15.4	6.2	31.0	54.1	11.1	3.8	78.4	16.1	5.5	
210	1939		0.0	56.0	32.7	11.3	56.0	32.7	11.3	0.0	56.0	35.4	8.6	56.0	35.4	8.6	
210	1940		2.0	67.0	25.3	5.8	68.3	25.8	5.9	2.0	67.0	27.5	3.5	68.4	28.1	3.6	
210	1941		0.0	80.5	17.2	2.3	80.5	17.2	2.3	0.0	80.5	17.6	1.9	80.5	17.6	1.9	
210	1942		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1943		0.0	21.0	53.6	25.4	21.0	53.6	25.4	0.0	21.0	59.7	19.3	21.0	59.7	19.3	
210	1944		0.0	33.5	50.2	16.3	33.5	50.2	16.3	0.0	33.5	53.4	13.1	33.5	53.4	13.1	
210	1945		0.0	7.8	52.8	39.4	7.8	52.8	39.4	0.0	7.8	59.9	32.3	7.8	59.9	32.3	
210	1946		0.0	38.0	33.2	28.8	38.0	33.2	28.8	0.0	38.0	39.7	22.3	38.0	39.7	22.3	
210	1947		0.0	10.2	50.8	39.0	10.2	50.8	39.0	0.0	10.2	59.6	30.2	10.2	59.6	30.2	
210	1948		0.0	3.0	47.2	49.8	3.0	47.2	49.8	0.0	3.0	58.2	38.8	3.0	58.2	38.8	
210	1949		0.0	25.9	32.6	41.5	25.9	32.6	41.5	0.0	25.9	41.5	32.6	25.9	41.5	32.6	
210	1950		0.0	7.0	34.6	59.4	7.0	34.6	59.4	0.0	7.0	35.4	57.6	7.0	35.4	57.6	
210	1951	A	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	*
210	1952		0.0	16.5	50.0	33.5	16.5	50.0	33.5	0.0	16.5	57.0	26.5	16.5	57.0	26.5	
210	1953		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1954		0.0	18.0	40.8	41.2	18.0	40.8	41.2	0.0	18.0	50.4	31.6	18.0	50.4	31.6	
210	1955		0.0	44.0	30.0	26.0	44.0	30.0	26.0	0.0	44.0	35.9	20.1	44.0	35.9	20.1	
210	1956		5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	*

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	1957		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1958		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	1959		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1960		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1961		16.0	84.0	0.0	0.0	100.0	0.0	0.0	16.0	84.0	0.0	0.0	100.0	0.0	0.0	*
210	1962		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1963		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1964		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1965		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1966		0.0	46.0	29.1	24.9	46.0	29.1	24.9	0.0	46.0	35.0	19.0	46.0	35.0	19.0	
210	1967		2.0	96.0	2.0	0.0	98.0	2.0	0.0	2.0	96.0	2.0	0.0	98.0	2.0	0.0	
210	1968		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1969		0.0	46.0	33.2	20.9	46.0	33.2	20.9	0.0	46.0	37.2	16.8	46.0	37.2	16.8	
210	1970		0.0	73.0	16.0	11.0	73.0	16.0	11.0	0.0	73.0	18.0	9.0	73.0	18.0	9.0	
210	1971		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1972		0.0	67.0	19.9	13.1	67.0	19.9	13.1	0.0	67.0	22.5	10.5	67.0	22.5	10.5	
210	1973	A	0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	1974		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1975		0.0	8.0	66.0	26.0	8.0	66.0	26.0	0.0	8.0	73.0	19.0	8.0	73.0	19.0	
210	1976		0.0	3.0	60.7	36.3	3.0	60.7	36.3	0.0	3.0	70.5	26.5	3.0	70.5	26.5	
210	1977		0.0	1.5	47.7	50.8	1.5	47.7	50.8	0.0	1.5	61.2	37.3	1.5	61.2	37.3	
210	1978		0.0	3.3	31.2	65.5	3.3	31.2	65.5	0.0	3.3	48.4	48.3	3.3	48.4	48.3	
210	1979		0.0	1.8	26.9	71.3	1.8	26.9	71.3	0.0	1.8	43.5	54.7	1.8	43.5	54.7	
210	1980		0.0	0.2	36.1	63.7	0.2	36.1	63.7	0.0	0.2	52.1	47.7	0.2	52.1	47.7	
210	1981		0.0	1.0	43.4	55.6	1.0	43.4	55.6	0.0	1.0	56.0	43.0	1.0	56.0	43.0	
210	1982		0.0	35.0	28.7	36.3	35.0	28.7	36.3	0.0	35.0	37.8	27.2	35.0	37.8	27.2	
210	1983		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	1984		0.0	1.4	43.4	55.2	1.4	43.4	55.2	0.0	1.4	57.9	40.7	1.4	57.9	40.7	
210	1985		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	1986		0.0	3.2	56.4	40.4	3.2	56.4	40.4	0.0	3.2	65.6	31.2	3.2	65.6	31.2	
210	1987		0.0	17.0	53.0	30.0	17.0	53.0	30.0	0.0	17.0	60.4	22.6	17.0	60.4	22.6	
210	1988		1.0	80.0	13.4	6.6	80.8	13.5	6.7	1.0	80.0	15.4	3.6	80.8	15.6	3.6	*
210	1989		0.0	13.0	67.2	19.8	13.0	67.2	19.8	0.0	13.0	73.5	13.5	13.0	73.5	13.5	
210	1990		0.0	34.0	54.2	11.8	34.0	54.2	11.8	0.0	34.0	57.5	8.5	34.0	57.5	8.5	
210	1991		0.0	28.0	55.0	17.0	28.0	55.0	17.0	0.0	28.0	58.7	13.3	28.0	58.7	13.3	
210	1992		0.0	9.0	61.6	29.4	9.0	61.6	29.4	0.0	9.0	69.6	21.4	9.0	69.6	21.4	
210	1993		0.0	33.0	57.1	9.9	33.0	57.1	9.9	0.0	33.0	59.7	7.3	33.0	59.7	7.3	
210	1994		23.9	68.1	8.0	0.0	89.5	10.5	0.0	23.9	68.1	8.0	0.0	89.5	10.5	0.0	
210	1995		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	1996		2.0	96.0	2.0	0.0	98.0	2.0	0.0	2.0	96.0	2.0	0.0	98.0	2.0	0.0	
210	1997		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	1998		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	1999		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2000		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2001		0.0	33.0	41.7	25.3	33.0	41.7	25.3	0.0	33.0	47.0	20.0	33.0	47.0	20.0	
210	2002		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2003		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2004		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	2005		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	*
210	2006		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2007		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2008		0.0	53.0	33.8	13.2	53.0	33.8	13.2	0.0	53.0	38.2	8.8	53.0	38.2	8.8	
210	2009		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2010		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2011		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2025		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2026		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2027	A	3.0	90.0	7.0	0.0	92.8	7.2	0.0	3.0	90.0	7.0	0.0	92.8	7.2	0.0	
210	2028		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2029		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2030		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2031		4.0	96.0	0.0	0.0	100.0	0.0	0.0	4.0	96.0	0.0	0.0	100.0	0.0	0.0	
210	2032		5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	
210	2033		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2034		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2035		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2036		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2038		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2039		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2040	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2041		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2042		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	2043		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2044		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2045		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2046		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2047		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2048		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2049	A	0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0	
210	2050		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	2051		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2052		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2053		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2054		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2055		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2056		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	2057		1.0	95.0	4.0	0.0	96.0	4.0	0.0	1.0	95.0	4.0	0.0	96.0	4.0	0.0	
210	2058		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2059		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0	
210	2060		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	

MTG06 … 5902

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	2061		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2062		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2063	A	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	2064		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2065	A	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2069		0.0	7.0	60.6	32.4	7.0	60.6	32.4	0.0	7.0	71.3	21.7	7.0	71.3	21.7	
210	2070		0.0	11.5	48.1	40.4	11.5	48.1	40.4	0.0	11.5	59.2	29.3	11.5	59.2	29.3	
210	2071		0.0	6.0	48.2	45.8	6.0	48.2	45.8	0.0	6.0	60.8	33.2	6.0	60.8	33.2	
210	2072		0.0	8.0	46.4	45.6	8.0	46.4	45.6	0.0	8.0	57.5	34.5	8.0	57.5	34.5	
210	2073		0.0	10.0	46.2	43.8	10.0	46.2	43.8	0.0	10.0	57.3	32.7	10.0	57.3	32.7	
210	2074	A	0.0	37.0	34.8	28.2	37.0	34.8	28.2	0.0	37.0	41.0	22.0	37.0	41.0	22.0	
210	2075		0.0	21.0	41.5	37.5	21.0	41.5	37.5	0.0	21.0	51.6	27.4	21.0	51.6	27.4	
210	2076		0.0	4.0	58.7	37.3	4.0	58.7	37.3	0.0	4.0	69.9	26.1	4.0	69.9	26.1	
210	2077		0.0	17.0	52.5	30.5	17.0	52.5	30.5	0.0	17.0	61.1	21.9	17.0	61.1	21.9	
210	2078		0.0	32.0	45.9	22.1	32.0	45.9	22.1	0.0	32.0	51.1	16.9	32.0	51.1	16.9	
210	2079		0.0	2.1	52.9	45.0	2.1	52.9	45.0	0.0	2.1	66.0	31.9	2.1	66.0	31.9	
210	2080		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	2081		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	2082		0.0	29.0	47.5	23.5	29.0	47.5	23.5	0.0	29.0	54.2	16.8	29.0	54.2	16.8	
210	2083		0.0	26.0	52.3	21.7	26.0	52.3	21.7	0.0	26.0	58.3	15.7	26.0	58.3	15.7	
210	2084		0.0	2.6	53.0	44.4	2.6	53.0	44.4	0.0	2.6	65.3	32.1	2.6	65.3	32.1	
210	2085		0.0	4.7	44.4	50.9	4.7	44.4	50.9	0.0	4.7	56.6	38.7	4.7	56.6	38.7	
210	2086		0.0	5.6	44.1	50.3	5.6	44.1	50.3	0.0	5.6	56.3	38.1	5.6	56.3	38.1	
210	2087		0.0	7.0	47.9	45.1	7.0	47.9	45.1	0.0	7.0	59.9	33.1	7.0	59.9	33.1	
210	2088		0.0	8.0	41.9	50.1	8.0	41.9	50.1	0.0	8.0	54.8	37.2	8.0	54.8	37.2	
210	2089		0.0	1.6	52.6	45.8	1.6	52.6	45.8	0.0	1.6	66.9	31.5	1.6	66.9	31.5	
210	2090		0.0	5.6	54.1	40.3	5.6	54.1	40.3	0.0	5.6	65.6	28.8	5.6	65.6	28.8	
210	2091		0.0	7.9	57.1	35.0	7.9	57.1	35.0	0.0	7.9	67.8	24.3	7.9	67.8	24.3	
210	2092		0.0	50.0	44.9	5.1	50.0	44.9	5.1	0.0	50.0	46.6	3.4	50.0	46.6	3.4	
210	2093		0.0	4.2	53.5	42.3	4.2	53.5	42.3	0.0	4.2	65.4	30.4	4.2	65.4	30.4	
210	2094		0.0	1.2	49.1	49.7	1.2	49.1	49.7	0.0	1.2	63.5	35.3	1.2	63.5	35.3	
210	2095		0.0	7.2	46.4	46.4	7.2	46.4	46.4	0.0	7.2	59.7	33.1	7.2	59.7	33.1	
210	2096		0.0	3.3	44.0	52.7	3.3	44.0	52.7	0.0	3.3	59.2	37.5	3.3	59.2	37.5	
210	2097		0.0	2.7	47.2	50.1	2.7	47.2	50.1	0.0	2.7	61.0	36.3	2.7	61.0	36.3	
210	2098		0.0	3.6	50.4	46.0	3.6	50.4	46.0	0.0	3.6	64.2	32.2	3.6	64.2	32.2	
210	2099		0.0	6.4	50.2	43.4	6.4	50.2	43.4	0.0	6.4	63.5	30.1	6.4	63.5	30.1	
210	2100		0.0	46.0	34.2	19.8	46.0	34.2	19.8	0.0	46.0	39.2	14.8	46.0	39.2	14.8	
210	2101		0.0	4.8	60.3	34.9	4.8	60.3	34.9	0.0	4.8	71.1	24.1	4.8	71.1	24.1	
210	2102	A	0.0	42.0	43.8	14.2	42.0	43.8	14.2	0.0	42.0	48.1	9.9	42.0	48.1	9.9	
210	2103		0.0	77.0	14.9	8.1	77.0	14.9	8.1	0.0	77.0	17.0	6.0	77.0	17.0	6.0	
210	2104		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2105		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2106		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2107		0.0	2.0	64.8	33.2	2.0	64.8	33.2	0.0	2.0	75.1	22.9	2.0	75.1	22.9	
210	2108		0.0	1.9	48.1	50.0	1.9	48.1	50.0	0.0	1.9	61.0	37.1	1.9	61.0	37.1	
210	2109	A	0.0	12.0	44.6	43.4	12.0	44.6	43.4	0.0	12.0	56.7	31.3	12.0	56.7	31.3	
210	2110		0.0	7.2	41.1	51.7	7.2	41.1	51.7	0.0	7.2	53.9	38.9	7.2	53.9	38.9	
210	2111		0.0	5.3	47.8	46.9	5.3	47.8	46.9	0.0	5.3	61.3	33.4	5.3	61.3	33.4	
210	2112		0.0	4.0	40.4	55.6	4.0	40.4	55.6	0.0	4.0	51.3	44.7	4.0	51.3	44.7	
210	2113		0.0	6.7	43.5	49.8	6.7	43.5	49.8	0.0	6.7	56.9	36.4	6.7	56.9	36.4	
210	2114		0.0	2.9	57.0	40.1	2.9	57.0	40.1	0.0	2.9	68.3	28.8	2.9	68.3	28.8	
210	2115		0.0	8.0	43.6	48.4	8.0	43.6	48.4	0.0	8.0	55.6	36.4	8.0	55.6	36.4	
210	2116		0.0	12.0	40.9	47.1	12.0	40.9	47.1	0.0	12.0	50.7	37.3	12.0	50.7	37.3	
210	2117		0.0	7.1	33.2	59.7	7.1	33.2	59.7	0.0	7.1	47.6	45.3	7.1	47.6	45.3	
210	2118		0.0	6.3	31.1	62.6	6.3	31.1	62.6	0.0	6.3	45.2	48.5	6.3	45.2	48.5	
210	2119		0.0	8.5	34.2	57.3	8.5	34.2	57.3	0.0	8.5	48.4	43.1	8.5	48.4	43.1	
210	2120		0.0	5.3	60.1	34.6	5.3	60.1	34.6	0.0	5.3	73.7	21.0	5.3	73.7	21.0	
210	2121		0.0	5.8	38.7	55.5	5.8	38.7	55.5	0.0	5.8	50.0	44.2	5.8	50.0	44.2	
210	2122		0.0	15.0	59.2	25.8	15.0	59.2	25.8	0.0	15.0	65.8	19.2	15.0	65.8	19.2	
210	2123		0.0	22.7	56.3	21.0	22.7	56.3	21.0	0.0	22.7	60.8	16.5	22.7	60.8	16.5	
210	2124		0.0	9.8	45.3	44.9	9.8	45.3	44.9	0.0	9.8	53.2	37.0	9.8	53.2	37.0	
210	2125		0.0	7.7	40.8	51.5	7.7	40.8	51.5	0.0	7.7	50.6	41.7	7.7	50.6	41.7	
210	2127		0.0	6.2	46.0	47.8	6.2	46.0	47.8	0.0	6.2	54.5	39.3	6.2	54.5	39.3	
210	2128		0.0	0.9	48.3	50.8	0.9	48.3	50.8	0.0	0.9	57.2	41.9	0.9	57.2	41.9	
210	2129		0.0	14.0	65.3	20.7	14.0	65.3	20.7	0.0	14.0	69.2	16.8	14.0	69.2	16.8	
210	2130		0.0	7.3	46.1	46.6	7.3	46.1	46.6	0.0	7.3	55.2	37.5	7.3	55.2	37.5	
210	2131		0.0	8.5	65.8	25.7	8.5	65.8	25.7	0.0	8.5	70.1	21.4	8.5	70.1	21.4	
210	2132	A	0.0	50.9	26.2	22.9	50.9	26.2	22.9	0.0	50.9	29.8	19.3	50.9	29.8	19.3	*
210	2132	B	0.0	22.0	39.2	38.8	22.0	39.2	38.8	0.0	22.0	48.1	29.9	22.0	48.1	29.9	
210	2133		0.0	0.3	36.3	63.4	0.3	36.3	63.4	0.0	0.3	50.0	49.7	0.3	50.0	49.7	
210	2134		0.0	1.2	60.1	38.7	1.2	60.1	38.7	0.0	1.2	75.8	23.0	1.2	75.8	23.0	
210	2135		0.0	7.4	33.6	59.0	7.4	33.6	59.0	0.0	7.4	45.6	47.0	7.4	45.6	47.0	
210	2136		0.0	12.2	33.3	54.5	12.2	33.3	54.5	0.0	12.2	43.8	44.0	12.2	43.8	44.0	
210	2137		0.0	8.7	60.2	31.1	8.7	60.2	31.1	0.0	8.7	70.6	20.7	8.7	70.6	20.7	
210	2138		0.0	36.5	48.8	14.7	36.5	48.8	14.7	0.0	36.5	53.2	10.3	36.5	53.2	10.3	*
210	2139		0.0	70.0	25.4	4.6	70.0	25.4	4.6	0.0	70.0	26.7	3.3	70.0	26.7	3.3	
210	2140		0.0	3.9	54.3	42.8	3.9	54.3	42.8	0.0	3.9	65.5	30.6	3.9	65.5	30.6	
210	2141		0.0	5.5	54.2	40.3	5.5	54.2	40.3	0.0	5.5	66.7	27.8	5.5	66.7	27.8	
210	2142		0.0	21.0	41.9	37.1	21.0	41.9	37.1	0.0	21.0	52.7	26.3	21.0	52.7	26.3	
210	2143		0.0	1.6	45.0	53.4	1.6	45.0	53.4	0.0	1.6	56.9	41.5	1.6	56.9	41.5	
210	2144		0.0	0.6	51.8	48.6	0.6	51.8	48.6	0.0	0.6	68.5	30.9	0.6	68.5	30.9	*
210	2145		0.0	0.8	58.0	41.2	0.8	58.0	41.2	0.0	0.8	74.1	25.1	0.8	74.1	25.1	*
210	2146		0.0	1.8	42.7	55.5	1.8	42.7	55.5	0.0	1.8	55.9	42.3	1.8	55.9	42.3	*
210	2147		0.0	1.8	46.9	51.3	1.8	46.9	51.3	0.0	1.8	59.7	38.5	1.8	59.7	38.5	*
210	2148		0.0	8.1	62.5	29.4	8.1	62.5	29.4	0.0	8.1	71.7	20.2	8.1	71.7	20.2	
210	2149		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2150	A	0.0	40.0	29.0	31.1	40.0	29.0	31.1	0.0	40.0	35.9	24.1	40.0	35.9	24.1	
210	2151		0.0	1.3	49.4	49.3	1.3	49.4	49.3	0.0	1.3	60.9	37.8	1.3	60.9	37.8	
210	2152		0.0	43.0	38.4	18.6	43.0	38.4	18.6	0.0	43.0	44.6	12.4	43.0	44.6	12.4	
210	2153		0.0	25.5	45.4	29.1	25.5	45.4	29.1	0.0	25.5	55.9	18.6	25.5	55.9	18.6	

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU	
210	2154		0.0	9.9	38.2	51.9	9.9	38.2	51.9	0.0	9.9	48.7	41.4	9.9	48.7	41.4	
210	2155		0.0	1.6	41.6	56.8	1.6	41.6	56.8	0.0	1.6	58.6	39.8	1.6	58.6	39.8	*
210	2156		0.0	17.5	40.8	41.7	17.5	40.8	41.7	0.0	17.5	54.1	28.4	17.5	54.1	28.4	
210	2157		0.0	2.0	55.2	42.8	2.0	55.2	42.8	0.0	2.0	70.3	27.7	2.0	70.3	27.7	*
210	2158		0.0	2.9	57.4	39.7	2.9	57.4	39.7	0.0	2.9	70.3	26.8	2.9	70.3	26.8	*
210	2159		0.0	3.4	61.0	35.6	3.4	61.0	35.6	0.0	3.4	72.8	23.8	3.4	72.8	23.8	
210	2160		6.3	37.1	37.5	18.1	40.0	40.5	19.5	6.3	37.1	44.8	11.8	39.6	47.8	12.6	*
210	2161		0.0	4.7	71.7	23.6	4.7	71.7	23.6	0.0	4.7	76.5	18.8	4.7	76.5	18.8	
210	2162		0.0	2.0	56.8	41.9	2.0	56.8	41.9	0.0	2.0	72.0	26.0	2.0	72.0	26.0	*
210	2163		0.0	0.7	45.5	53.8	0.7	45.5	53.8	0.0	0.7	60.2	39.1	0.7	60.2	39.1	*
210	2164		0.0	0.2	42.9	56.9	0.2	42.9	56.9	0.0	0.2	60.4	39.4	0.2	60.4	39.4	*
210	2165		0.0	1.1	45.4	53.5	1.1	45.4	53.5	0.0	1.1	60.6	38.3	1.1	60.6	38.3	*
210	2166		0.0	21.1	39.1	39.8	21.1	39.1	39.8	0.0	21.1	47.2	31.7	21.1	47.2	31.7	*
210	2167		0.0	24.7	40.2	35.1	24.7	40.2	35.1	0.0	24.7	49.7	25.6	24.7	49.7	25.6	
210	2168		0.0	1.9	43.9	54.2	1.9	43.9	54.2	0.0	1.9	58.4	39.7	1.9	58.4	39.7	*
210	2169		0.0	7.0	51.8	41.2	7.0	51.8	41.2	0.0	7.0	65.0	28.0	7.0	65.0	28.0	
210	2170		0.0	2.5	52.7	44.8	2.5	52.7	44.8	0.0	2.5	67.7	29.8	2.5	67.7	29.8	*
210	2171		0.0	32.0	46.6	21.4	32.0	46.6	21.4	0.0	32.0	54.4	13.6	32.0	54.4	13.6	
210	2172		9.6	34.9	40.1	15.4	38.6	44.4	17.0	9.6	34.9	45.5	10.0	38.6	50.3	11.1	*
210	2173		0.0	39.0	44.5	16.5	39.0	44.5	16.5	0.0	39.0	51.4	9.6	39.0	51.4	9.6	
210	2174		0.0	13.9	59.8	26.3	13.9	59.8	26.3	0.0	13.9	68.7	17.4	13.9	68.7	17.4	
210	2175		4.0	88.0	6.9	1.2	91.6	7.2	1.2	4.0	88.0	7.1	0.9	91.7	7.4	0.9	*
210	2176		2.9	92.1	5.0	0.0	94.9	5.1	0.0	2.9	92.1	5.0	0.0	94.9	5.1	0.0	*
210	2177		0.0	61.5	33.3	5.2	61.5	33.3	5.2	0.0	61.5	35.3	3.2	61.5	35.3	3.2	
210	2178		0.0	5.5	61.8	32.7	5.5	61.8	32.7	0.0	5.5	73.3	21.2	5.5	73.3	21.2	
210	2179		0.0	4.7	66.1	29.2	4.7	66.1	29.2	0.0	4.7	78.6	16.7	4.7	78.6	16.7	
210	2180		0.0	7.0	57.4	35.6	7.0	57.4	35.6	0.0	7.0	69.7	23.3	7.0	69.7	23.3	
210	2181		0.0	43.0	48.0	9.8	43.0	48.0	9.8	0.0	43.0	50.8	6.2	43.0	50.8	6.2	
210	2182		0.0	66.0	29.6	4.3	66.0	29.6	4.3	0.0	66.0	31.6	2.4	66.0	31.6	2.4	
210	2183		0.0	35.5	55.1	9.4	35.5	55.1	9.4	0.0	35.5	58.9	5.6	35.5	58.9	5.6	
210	2185		0.0	19.0	57.7	23.3	19.0	57.7	23.3	0.0	19.0	66.2	14.8	19.0	66.2	14.8	
210	2186		0.0	30.0	50.2	19.8	30.0	50.2	19.8	0.0	30.0	56.6	13.4	30.0	56.6	13.4	
210	2188		0.0	8.5	54.1	37.4	8.5	54.1	37.4	0.0	8.5	65.9	25.6	8.5	65.9	25.6	
210	2189		0.0	7.8	57.0	35.2	7.8	57.0	35.2	0.0	7.8	68.7	23.5	7.8	68.7	23.5	
210	2190		0.0	62.0	28.5	9.5	62.0	28.5	9.5	0.0	62.0	31.3	6.7	62.0	31.3	6.7	
210	2191	A	12.2	57.8	25.7	4.3	65.8	29.3	4.9	12.2	57.8	27.6	2.4	65.8	31.4	2.7	
210	2192		0.0	8.0	57.6	34.4	8.0	57.6	34.4	0.0	8.0	68.6	23.4	8.0	68.6	23.4	
210	2193		0.0	71.0	24.7	4.2	71.0	24.7	4.2	0.0	71.0	26.6	2.4	71.0	26.6	2.4	
210	2194		0.0	40.5	40.9	18.6	40.5	40.9	18.6	0.0	40.5	47.9	11.6	40.5	47.9	11.6	
210	2195		0.0	19.0	52.3	28.7	19.0	52.3	28.7	0.0	19.0	62.4	18.6	19.0	62.4	18.6	
210	2196		0.0	67.0	28.8	4.2	67.0	28.8	4.2	0.0	67.0	30.0	3.0	67.0	30.0	3.0	
210	2197		0.0	0.1	19.5	81.4	0.1	19.5	81.4	0.0	0.1	36.5	63.4	0.1	36.5	63.4	*
210	2200		0.0	22.9	44.6	32.5	22.9	44.6	32.5	0.0	22.9	54.0	23.1	22.9	54.0	23.1	
210	2201		0.0	33.4	41.6	25.4	33.4	41.6	25.4	0.0	33.4	49.4	17.2	33.4	49.4	17.2	*
210	2202		1.0	76.0	19.4	3.7	76.7	19.6	3.7	1.0	76.0	20.7	2.3	76.8	20.9	2.3	
210	2203		0.0	35.2	43.1	21.7	35.2	43.1	21.7	0.0	35.2	50.6	14.2	35.2	50.6	14.2	
210	2204		27.6	45.6	17.7	9.1	63.0	24.4	12.6	27.6	45.6	20.8	6.0	63.0	28.7	8.3	
210	2205		0.0	73.5	20.7	5.6	73.5	20.7	5.6	0.0	73.5	23.0	3.5	73.5	23.0	3.5	
210	2206		0.0	27.0	51.2	21.8	27.0	51.2	21.8	0.0	27.0	58.3	14.7	27.0	58.3	14.7	
210	2209		0.0	1.1	61.4	37.5	1.1	61.4	37.5	0.0	1.1	74.2	24.7	1.1	74.2	24.7	
210	2210		17.6	56.6	12.2	13.5	68.8	14.8	16.4	17.6	56.6	14.1	11.7	68.7	17.1	14.3	
210	2211		0.0	8.8	60.5	30.7	8.8	60.5	30.7	0.0	8.8	70.6	20.6	8.8	70.6	20.6	
210	2212		0.0	7.7	56.6	35.7	7.7	56.6	35.7	0.0	7.7	68.1	24.2	7.7	68.1	24.2	
210	2220		0.0	2.5	46.1	51.4	2.5	46.1	51.4	0.0	2.5	56.8	40.7	2.5	56.8	40.7	
210	2221		0.0	15.0	35.8	49.2	15.0	35.8	49.2	0.0	15.0	42.7	42.3	15.0	42.7	42.3	
210	2222		0.0	0.4	16.0	83.6	0.4	16.0	83.6	0.0	0.4	25.6	74.0	0.4	25.6	74.0	
210	2223		0.0	0.6	22.3	77.1	0.6	22.3	77.1	0.0	0.6	34.5	64.9	0.6	34.5	64.9	
210	2224		0.0	0.2	23.3	76.5	0.2	23.3	76.5	0.0	0.2	37.1	62.7	0.2	37.1	62.7	
210	2225		0.0	22.5	55.8	21.7	22.5	55.8	21.7	0.0	22.5	60.1	17.4	22.5	60.1	17.4	
210	2226		0.0	8.0	42.8	49.2	8.0	42.8	49.2	0.0	8.0	53.3	38.7	8.0	53.3	38.7	
210	2227	A	0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	2228		0.0	11.0	41.7	47.3	11.0	41.7	47.3	0.0	11.0	48.8	40.2	11.0	48.8	40.2	
210	2229		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	2230		0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0	
210	2231		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2232		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0	
210	2233		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2234		0.0	13.0	69.1	17.9	13.0	69.1	17.9	0.0	13.0	73.0	14.0	13.0	73.0	14.0	
210	2235		0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0	
210	2236		0.0	12.5	62.9	24.6	12.5	62.9	24.6	0.0	12.5	69.1	18.4	12.5	69.1	18.4	
210	2237		0.0	21.5	48.0	30.5	21.5	48.0	30.5	0.0	21.5	55.5	23.0	21.5	55.5	23.0	
210	2238		0.0	58.0	25.7	16.3	58.0	25.7	16.3	0.0	58.0	29.5	12.5	58.0	29.5	12.5	
210	2239		0.0	0.9	50.6	48.5	0.9	50.6	48.5	0.0	0.9	61.8	37.3	0.9	61.8	37.3	
210	2240		0.0	1.3	45.5	53.2	1.3	45.5	53.2	0.0	1.3	56.0	42.7	1.3	56.0	42.7	
210	2241		0.0	2.0	50.6	47.4	2.0	50.6	47.4	0.0	2.0	60.2	37.8	2.0	60.2	37.8	
210	2242		0.0	61.0	30.4	8.6	61.0	30.4	8.6	0.0	61.0	32.5	6.5	61.0	32.5	6.5	
210	2243		0.0	49.0	43.3	7.7	49.0	43.3	7.7	0.0	49.0	45.2	5.8	49.0	45.2	5.8	
210	2244		0.0	2.8	44.8	52.4	2.8	44.8	52.4	0.0	2.8	55.9	41.3	2.8	55.9	41.3	
210	2245		0.0	1.5	41.9	56.6	1.5	41.9	56.6	0.0	1.5	52.9	45.6	1.5	52.9	45.6	
210	2246		0.0	5.1	42.3	52.6	5.1	42.3	52.6	0.0	5.1	53.4	41.5	5.1	53.4	41.5	
210	2247		5.0	79.7	9.0	6.3	83.9	9.5	6.6	5.0	79.7	9.8	5.5	83.9	10.3	5.8	
210	2248		7.0	77.0	11.2	4.8	82.8	12.0	5.2	7.0	77.0	11.8	4.2	82.8	12.7	4.5	
210	2249		0.0	90.0	7.6	2.4	90.0	7.6	2.4	0.0	90.0	8.1	1.9	90.0	8.1	1.9	
210	2250		13.0	87.0	0.0	0.0	100.0	0.0	0.0	13.0	87.0	0.0	0.0	100.0	0.0	0.0	
210	2251		3.6	89.4	7.0	0.0	92.7	7.3	0.0	3.6	89.4	7.0	0.0	92.7	7.3	0.0	
210	2252		2.7	94.3	3.0	0.0	96.9	3.1	0.0	2.7	94.3	3.0	0.0	96.9	3.1	0.0	
210	2253		2.6	94.4	3.0	0.0	96.9	3.1	0.0	2.6	94.4	3.0	0.0	96.9	3.1	0.0	
210	2254		5.4	91.6	3.0	0.0	96.8	3.2	0.0	5.4	91.6	3.0	0.0	96.8	3.2	0.0	
210	2255		0.0	44.0	13.1	42.9	44.0	13.1	42.9	0.0	44.0	18.8	37.2	44.0	18.8	37.2	
210	2256		1.8	95.2	3.0	0.0	96.9	3.1	0.0	1.8	95.2	3.0	0.0	96.9	3.1	0.0	

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU
210	2257		2.3	97.7	0.0	0.0	100.0	0.0	0.0	2.3	97.7	0.0	0.0	100.0	0.0	0.0
210	2258		7.0	93.0	0.0	0.0	100.0	0.0	0.0	7.0	93.0	0.0	0.0	100.0	0.0	0.0
210	2259		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0
210	2260		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0
210	2261		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2262		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2263		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0
210	2264		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2265		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2266		1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0
210	2267		0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0
210	2268		3.0	97.0	0.0	0.0	100.0	0.0	0.0	3.0	97.0	0.0	0.0	100.0	0.0	0.0
210	2269		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2270		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2271		2.0	94.0	4.0	0.0	95.9	4.1	0.0	2.0	94.0	4.0	0.0	95.9	4.1	0.0
210	2272		1.0	98.0	1.0	0.0	99.0	1.0	0.0	1.0	98.0	1.0	0.0	99.0	1.0	0.0
210	2273		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2274		1.0	95.0	4.0	0.0	96.0	4.0	0.0	1.0	95.0	4.0	0.0	96.0	4.0	0.0
210	2275		0.0	88.9	3.6	7.5	88.9	3.6	7.5	0.0	88.9	4.5	6.6	88.9	4.5	6.6
210	2276		0.0	71.0	10.5	18.5	71.0	10.5	18.5	0.0	71.0	13.8	15.2	71.0	13.8	15.2
210	2277	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2278		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2279		9.0	91.0	0.0	0.0	100.0	0.0	0.0	9.0	91.0	0.0	0.0	100.0	0.0	0.0
210	2280		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0
210	2281		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0
210	2282		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0
210	2283		8.0	90.0	2.0	0.0	97.8	2.2	0.0	8.0	90.0	2.0	0.0	97.8	2.2	0.0
210	2284		3.0	95.0	2.0	0.0	97.9	2.1	0.0	3.0	95.0	2.0	0.0	97.9	2.1	0.0
210	2285		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2286		0.0	38.0	21.1	40.9	38.0	21.1	40.9	0.0	38.0	27.6	34.4	38.0	27.6	34.4
210	2287		0.0	73.0	10.1	16.9	73.0	10.1	16.9	0.0	73.0	18.8	14.2	73.0	12.8	14.2
210	2288		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2289		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0
210	2290		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2291		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0
210	2292		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2293		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	2294		26.0	74.0	0.0	0.0	100.0	0.0	0.0	26.0	74.0	0.0	0.0	100.0	0.0	0.0
210	2295		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2296		5.0	90.0	5.0	0.0	94.7	5.3	0.0	5.0	90.0	5.0	0.0	94.7	5.3	0.0
210	2297		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2298		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0
210	2300		0.0	23.0	24.8	52.2	23.0	24.8	52.2	0.0	23.0	34.4	42.6	23.0	34.4	42.6
210	2301		0.0	18.0	33.6	48.4	18.0	33.6	48.4	0.0	18.0	48.4	39.6	18.0	42.4	39.6
210	2302		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2303		2.5	88.5	4.0	5.0	90.8	4.1	5.1	2.5	88.5	4.9	4.1	90.8	5.0	4.2
210	2304A		0.5	99.5	0.0	0.0	100.0	0.0	0.0	0.5	99.5	0.0	0.0	100.0	0.0	0.0
210	2304B		2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0
210	2304C		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2304D		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2305		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2306		52.6	47.4	0.0	0.0	100.0	0.0	0.0	52.6	47.4	0.0	0.0	100.0	0.0	0.0
210	2307		0.0	95.0	5.0	0.0	95.0	5.0	0.0	0.0	95.0	5.0	0.0	95.0	5.0	0.0
210	2308		0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0
210	2309		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	2310		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2311		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2312		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2313		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2314		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0
210	2315		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0
210	2316		3.0	97.0	0.0	0.0	100.0	0.0	0.0	3.0	97.0	0.0	0.0	100.0	0.0	0.0
210	2317		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2318		7.0	93.0	0.0	0.0	100.0	0.0	0.0	7.0	93.0	0.0	0.0	100.0	0.0	0.0
210	2319		0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0
210	2320		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2321		0.0	84.0	16.0	0.0	84.0	16.0	0.0	0.0	84.0	16.0	0.0	84.0	16.0	0.0
210	2322		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0
210	2323		0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0
210	2324		0.0	93.0	7.0	0.0	93.0	7.0	0.0	0.0	93.0	7.0	0.0	93.0	7.0	0.0
210	2325		4.0	96.0	0.0	0.0	100.0	0.0	0.0	4.0	96.0	0.0	0.0	100.0	0.0	0.0
210	2326		9.0	91.0	0.0	0.0	100.0	0.0	0.0	9.0	91.0	0.0	0.0	100.0	0.0	0.0
210	2327		6.0	94.0	0.0	0.0	100.0	0.0	0.0	6.0	94.0	0.0	0.0	100.0	0.0	0.0
210	2328		0.0	90.0	10.0	0.0	90.0	10.0	0.0	0.0	90.0	10.0	0.0	90.0	10.0	0.0
210	2329		5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0
210	2330		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	2331		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2332		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	2333		0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0
210	2334		0.0	70.0	25.0	5.0	70.0	25.0	5.0	0.0	70.0	25.2	4.8	70.0	25.2	4.8
210	2335		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2336		0.0	80.0	48.8	31.2	20.0	48.8	31.2	0.0	20.0	53.3	26.7	20.0	53.3	26.7
210	2337		0.0	77.0	15.3	7.7	77.0	15.3	7.7	0.0	77.0	16.5	6.5	77.0	16.5	6.5
210	2338	A	7.7	38.3	30.1	23.9	41.5	32.6	25.9	7.7	38.3	32.1	21.9	41.5	34.8	23.7
210	2340		0.0	55.0	33.5	11.5	55.0	33.5	11.5	0.0	55.0	38.8	6.2	55.0	38.8	6.2
210	2341		0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2342		20.9	65.1	6.8	7.2	82.3	8.6	9.1	20.9	65.1	7.7	6.3	82.3	9.7	8.0
210	2343		0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0
210	2344		8.1	85.3	2.7	3.9	92.8	2.9	4.2	8.1	85.3	2.9	3.7	92.8	3.2	4.0
210	2345		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0

PERCENT IN FRACTION

CODE #	STATION #	GVL	SAND	SILT	CLAY<.004MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<.004MU	GVL	SAND	SILT	CLAY<.002MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<.002MU	
210	2346	0.0	63.0	22.6	14.4	63.0	22.6	14.4	0.0	63.0	24.0	13.0	63.0	24.0	13.0	
210	2347 A	0.0	22.0	62.5	15.5	22.0	62.5	15.5	0.0	22.0	65.4	12.6	22.0	65.4	12.6	
210	2348	0.0	28.0	51.0	21.0	28.0	51.0	21.0	0.0	28.0	54.8	17.2	28.0	54.8	17.2	
210	2349	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	2350	0.0	66.0	22.4	11.6	66.0	22.4	11.6	0.0	66.0	25.4	8.6	66.0	25.4	8.6	
210	2351	0.0	40.0	46.2	13.8	40.0	46.2	13.8	0.0	40.0	48.3	11.7	40.0	48.3	11.7	
210	2352	0.0	57.0	31.5	11.5	57.0	31.5	11.5	0.0	57.0	33.4	9.6	57.0	33.4	9.6	
210	2353	0.5	79.5	20.0	0.0	79.9	20.1	0.0	0.5	79.5	20.0	0.0	79.9	20.1	0.0	
210	2354	0.0	97.0	3.0	0.0	97.0	3.0	0.0	0.0	97.0	3.0	0.0	97.0	3.0	0.0	
210	2356	0.0	31.0	49.1	19.9	31.0	49.1	19.9	0.0	31.0	57.1	11.9	31.0	57.1	11.9	
210	2357	0.0	23.0	54.8	22.2	23.0	54.8	22.2	0.0	23.0	62.5	14.5	23.0	62.5	14.5	
210	2358	0.0	86.3	9.6	4.1	86.3	9.6	4.1	0.0	86.3	10.1	3.6	86.3	10.1	3.6	
210	2359	13.6	76.4	10.0	0.0	88.4	11.6	0.0	13.6	76.4	10.0	0.0	88.4	11.6	0.0	
210	2360	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2361	0.0	26.0	49.1	24.9	26.0	49.1	24.9	0.0	26.0	51.3	22.7	26.0	51.3	22.7	
210	2362	0.0	47.0	34.1	18.9	47.0	34.1	18.9	0.0	47.0	36.2	16.8	47.0	36.2	16.8	
210	2363	0.0	64.0	21.2	14.8	64.0	21.2	14.8	0.0	64.0	23.5	12.5	64.0	23.5	12.5	
210	2364	0.0	51.0	33.0	16.0	51.0	33.0	16.0	0.0	51.0	34.6	14.4	51.0	34.6	14.4	
210	2365	0.0	45.0	37.0	18.0	45.0	37.0	18.0	0.0	45.0	38.5	16.5	45.0	38.5	16.5	
210	2366	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2367	0.0	48.0	32.7	19.3	48.0	32.7	19.3	0.0	48.0	36.8	15.2	48.0	36.8	15.2	
210	2368	0.0	53.0	28.2	18.8	53.0	28.2	18.8	0.0	53.0	30.1	16.9	53.0	30.1	16.9	
210	2369	0.0	46.0	36.6	17.4	46.0	36.6	17.4	0.0	46.0	38.6	15.4	46.0	38.6	15.4	
210	2370	0.0	68.0	19.9	12.1	68.0	19.9	12.1	0.0	68.0	20.9	11.1	68.0	20.9	11.1	
210	2371	0.0	57.0	26.8	16.2	57.0	26.8	16.2	0.0	57.0	28.1	14.9	57.0	28.1	14.9	
210	2372	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2373	0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	2374	4.0	90.0	6.0	0.0	93.8	6.2	0.0	4.0	90.0	6.0	0.0	93.8	6.2	0.0	
210	2376	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2377	0.0	96.0	4.0	0.0	96.0	4.0	0.0	0.0	96.0	4.0	0.0	96.0	4.0	0.0	
210	2378	0.0	78.0	15.6	6.4	78.0	15.6	6.4	0.0	78.0	17.1	4.9	78.0	17.1	4.9	
210	2379	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2380	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2381	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2382	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2383	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2384	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2385	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2386	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	*
210	2389	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2392	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2393	0.0	98.0	2.0	0.0	98.0	2.0	0.0	0.0	98.0	2.0	0.0	98.0	2.0	0.0	
210	2394	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2395	9.0	91.0	0.0	0.0	100.0	0.0	0.0	9.0	91.0	0.0	0.0	100.0	0.0	0.0	
210	2396	2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	
210	2397	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2400	0.0	99.0	1.0	0.0	99.0	1.0	0.0	0.0	99.0	1.0	0.0	99.0	1.0	0.0	
210	2401	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2402	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2403	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2404	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2405	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	*
210	2406	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2407	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2408	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2409	11.0	89.0	0.0	0.0	100.0	0.0	0.0	11.0	89.0	0.0	0.0	100.0	0.0	0.0	*
210	2410	10.0	90.0	0.0	0.0	100.0	0.0	0.0	10.0	90.0	0.0	0.0	100.0	0.0	0.0	
210	2411	1.0	99.0	0.0	0.0	100.0	0.0	0.0	1.0	99.0	0.0	0.0	100.0	0.0	0.0	
210	2412	5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	*
210	2413	33.1	61.9	5.0	0.0	92.5	7.5	0.0	33.1	61.9	5.0	0.0	92.5	7.5	0.0	
210	2414	25.0	66.0	9.0	0.0	88.0	12.0	0.0	25.0	66.0	9.0	0.0	88.0	12.0	0.0	
210	2415	0.0	88.3	8.5	3.2	88.3	8.5	3.2	0.0	88.3	8.8	2.9	88.3	8.8	2.9	
210	2416	3.0	97.0	0.0	0.0	100.0	0.0	0.0	3.0	97.0	0.0	0.0	100.0	0.0	0.0	
210	2417	2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	
210	2418	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2419	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2420	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2421	2.0	98.0	0.0	0.0	100.0	0.0	0.0	2.0	98.0	0.0	0.0	100.0	0.0	0.0	
210	2422	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2423	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2424	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2425	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2426	5.0	95.0	0.0	0.0	100.0	0.0	0.0	5.0	95.0	0.0	0.0	100.0	0.0	0.0	
210	2427	11.0	89.0	0.0	0.0	100.0	0.0	0.0	11.0	89.0	0.0	0.0	100.0	0.0	0.0	
210	2428	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2429	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2430	0.0	49.0	38.6	12.4	49.0	38.6	12.4	0.0	49.0	40.5	10.5	49.0	40.5	10.5	
210	2431	0.0	72.0	20.0	8.0	72.0	20.0	8.0	0.0	72.0	21.2	6.8	72.0	21.2	6.8	
210	2432	0.0	77.0	18.3	4.7	77.0	18.3	4.7	0.0	77.0	19.2	3.8	77.0	19.2	3.8	
210	2433	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0	
210	2434	5.6	62.4	18.4	13.6	66.1	19.5	14.4	5.6	62.4	19.8	12.2	66.1	21.0	12.9	
210	2435	0.0	85.0	12.1	2.9	85.0	12.1	2.9	0.0	85.0	12.7	2.3	85.0	12.7	2.3	
210	2436	0.0	85.0	12.1	2.9	85.0	12.1	2.9	0.0	85.0	12.4	2.6	85.0	12.4	2.6	
210	2437	0.0	70.0	26.0	4.0	70.0	26.0	4.0	0.0	70.0	26.6	3.4	70.0	26.6	3.4	
210	2438	93.0	7.0	0.0	0.0	100.0	0.0	0.0	93.0	7.0	0.0	0.0	100.0	0.0	0.0	
210	2439	17.7	74.3	8.0	0.0	90.3	9.7	0.0	17.7	74.3	8.0	0.0	90.3	9.7	0.0	
210	2440	13.3	81.7	5.0	0.0	94.2	5.8	0.0	13.3	81.7	5.0	0.0	94.2	5.8	0.0	
210	2441	0.0	94.0	6.0	0.0	94.0	6.0	0.0	0.0	94.0	6.0	0.0	94.0	6.0	0.0	
210	2442	0.0	70.0	26.0	4.0	70.0	26.0	4.0	0.0	70.0	26.7	3.3	70.0	26.7	3.3	
210	2443	0.0	53.0	32.3	14.7	53.0	32.3	14.7	0.0	53.0	33.9	13.1	53.0	33.9	13.1	

MP206

PERCENT IN FRACTION

CODE #	STATION #		GVL	SAND	SILT	CLAY<4MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<4MU	GVL	SAND	SILT	CLAY<2MU	ON GRAVEL FREE BASIS SAND	SILT	CLAY<2MU
210	2444		0.0	43.8	36.7	19.8	43.8	36.7	19.8	0.0	48.8	39.0	17.8	43.8	39.0	17.8
210	2445		0.0	79.8	12.0	8.8	79.8	12.0	8.8	0.0	79.8	13.3	7.2	79.8	13.3	7.2
210	2446		0.0	37.0	37.7	25.3	37.0	37.7	25.3	0.0	37.0	39.8	23.2	37.0	39.8	23.2
210	2447		8.0	79.7	9.0	6.2	83.9	9.8	6.4	8.0	79.7	9.8	8.8	83.9	10.3	5.8
210	2448		7.0	77.0	11.2	4.8	82.8	12.0	5.2	7.0	77.0	11.8	4.2	82.8	12.7	4.5
210	2449		0.0	65.0	24.1	10.9	65.0	24.1	10.9	0.0	65.0	25.4	9.6	65.0	25.4	9.6
210	2450		0.0	38.0	60.9	21.1	38.0	60.9	21.1	0.0	28.0	54.0	18.0	28.0	54.0	18.0
210	2451		0.0	25.3	51.1	23.6	25.3	51.1	23.6	0.0	25.3	54.9	19.8	25.3	54.9	19.8
210	2452		56.3	27.7	16.0	0.0	63.4	36.6	0.0	56.3	27.7	16.0	0.0	63.4	36.6	0.0
210	2453		0.0	92.0	8.0	0.0	92.0	8.0	0.0	0.0	92.0	8.0	0.0	92.0	8.0	0.0
210	2454		0.0	22.0	58.1	19.9	22.0	58.1	19.9	0.0	22.0	61.2	16.8	22.0	61.2	16.8
210	2455		0.0	23.0	55.9	21.1	23.0	55.9	21.1	0.0	23.0	57.9	19.1	23.0	57.9	19.1
210	2456		0.0	47.0	38.2	14.8	47.0	38.2	14.8	0.0	47.0	39.9	13.1	47.0	39.9	13.1
210	2457		0.0	30.0	49.5	20.5	30.0	49.5	20.5	0.0	30.0	51.3	18.7	30.0	51.3	18.7
210	2458		0.0	48.0	36.7	15.3	48.0	36.7	15.3	0.0	48.0	38.1	13.9	48.0	38.1	13.9
210	2459		18.2	65.8	16.0	0.0	80.4	19.6	0.0	18.2	65.8	16.0	0.0	80.4	19.6	0.0
210	2460		0.0	43.0	42.5	14.5	43.0	42.5	14.5	0.0	43.0	43.9	13.1	43.0	43.9	13.1
210	2461		27.4	58.6	14.0	0.0	80.7	19.3	0.0	27.4	58.6	14.0	0.0	80.7	19.3	0.0
210	2462		0.0	4.8	58.7	36.5	4.8	58.7	36.5	0.0	4.8	65.1	30.1	4.8	65.1	30.1
210	2464		8.3	81.7	10.0	0.0	89.1	10.9	0.0	8.3	81.7	10.0	0.0	89.1	10.9	0.0
210	2465		21.5	63.5	8.2	6.8	80.9	10.4	8.7	21.5	63.5	9.3	5.7	80.9	11.8	7.3
210	2466		36.1	61.9	2.0	0.0	96.9	3.1	0.0	36.1	61.9	2.0	0.0	96.9	3.1	0.0
210	2467		55.8	39.2	5.0	0.0	88.7	11.3	0.0	55.8	39.2	5.0	0.0	88.7	11.3	0.0
210	2468		14.4	27.6	33.2	24.8	32.2	38.8	29.0	14.4	27.6	35.7	22.3	32.2	41.7	26.1
210	2469		0.0	57.0	27.5	15.5	57.0	27.5	15.5	0.0	57.0	29.3	13.7	57.0	29.3	13.7
210	2470		51.5	46.5	2.0	0.0	95.9	4.1	0.0	51.5	46.5	2.0	0.0	95.9	4.1	0.0
210	2471		8.8	11.4	37.8	42.0	12.5	41.4	46.1	8.8	11.4	41.9	37.9	12.5	45.9	41.6
210	2472		31.2	61.8	7.0	0.0	89.8	10.2	0.0	31.2	61.8	7.0	0.0	89.8	10.2	0.0
210	2473		10.8	89.2	0.0	0.0	100.0	0.0	0.0	10.8	89.2	0.0	0.0	100.0	0.0	0.0
210	2474	A	39.7	11.9	23.4	25.0	19.7	38.8	41.5	39.7	11.9	26.1	22.3	19.7	43.3	37.0
210	2475		78.3	21.7	0.0	0.0	100.0	0.0	0.0	78.3	21.7	0.0	0.0	100.0	0.0	0.0
210	2476		15.0	82.0	3.0	0.0	96.5	3.5	0.0	15.0	82.0	3.0	0.0	96.5	3.5	0.0
210	2478		16.1	81.9	2.0	0.0	97.6	2.4	0.0	16.1	81.9	2.0	0.0	97.6	2.4	0.0
210	2479		26.3	73.7	0.0	0.0	100.0	0.0	0.0	26.3	73.7	0.0	0.0	100.0	0.0	0.0
210	2507	A	0.0	32.0	50.7	17.3	32.0	50.7	17.3	0.0	32.0	54.7	13.3	32.0	54.7	13.3
210	2507	B	0.0	31.5	51.3	17.2	31.5	51.3	17.2	0.0	31.5	55.4	13.1	31.5	55.4	13.1
210	2507	C	0.0	34.0	49.5	16.5	34.0	49.5	16.5	0.0	34.0	53.1	12.9	34.0	53.1	12.9
210	2507	D	0.0	31.0	49.9	19.1	31.0	49.9	19.1	0.0	31.0	54.0	15.0	31.0	54.0	15.0
210	2507	E	0.0	35.0	48.8	16.2	35.0	48.8	16.2	0.0	35.0	51.7	13.3	35.0	51.7	13.3
210	2507	F	0.0	26.0	57.0	17.1	26.0	57.0	17.1	0.0	26.0	59.8	14.2	26.0	59.8	14.2
210	2507	G	0.0	33.5	48.5	18.0	33.5	48.5	18.0	0.0	33.5	51.8	14.7	33.5	51.8	14.7
210	2507	H	0.0	30.0	50.8	20.2	30.0	50.8	20.2	0.0	30.0	53.6	16.4	30.0	53.6	16.4
210	2507	I	0.0	56.0	32.2	11.8	56.0	32.2	11.8	0.0	56.0	34.7	9.3	56.0	34.7	9.3
210	2507	J	0.0	42.0	42.7	15.3	42.0	42.7	15.3	0.0	42.0	45.8	12.2	42.0	45.8	12.2
210	2543	A	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	B	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	C	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	D	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	E	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	F	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	G	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	H	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	I	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2543	J	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
210	2551	A	25.8	53.0	13.2	8.0	71.4	17.8	10.8	25.8	53.0	15.1	6.1	71.4	20.4	8.2
210	2551	B	17.4	31.1	26.9	24.6	37.7	32.6	29.8	17.4	31.1	32.0	19.5	37.7	38.7	23.6
210	2551	C	16.5	55.0	15.9	11.7	66.6	19.2	14.2	16.5	55.0	19.1	9.4	65.9	22.9	11.3
210	2551	D	28.2	49.0	14.3	8.5	68.2	19.9	11.8	28.2	49.0	16.0	6.8	68.2	22.3	9.5
210	2551	E	11.9	60.0	17.6	10.4	68.2	20.0	11.8	11.9	60.0	19.9	8.2	68.1	22.6	9.3
210	2551	F	15.3	57.0	18.0	9.7	67.3	21.3	11.5	15.3	57.0	19.8	7.9	67.3	23.4	9.3
210	2551	G	6.4	66.0	16.8	10.9	70.4	17.9	11.6	6.4	66.0	19.3	8.3	70.5	20.7	8.8
210	2551	H	14.6	55.0	17.6	12.8	64.4	20.6	15.0	14.6	55.0	20.1	10.3	64.4	23.5	12.1
210	2551	I	9.9	64.0	15.4	10.7	71.0	17.1	11.9	9.9	64.0	17.4	8.7	71.0	19.3	9.7
210	2551	J	11.3	58.0	18.2	12.3	65.5	20.7	13.9	11.3	58.0	20.9	9.8	65.4	23.5	11.1
210	2560	A	0.0	0.3	37.6	62.1	0.3	37.6	62.1	0.0	0.3	52.4	47.3	0.3	52.4	47.3
210	2562	A	0.0	0.1	33.2	66.7	0.1	33.2	66.7	0.0	0.1	49.6	50.3	0.1	49.6	50.3
210	2562	B	0.0	0.1	34.3	65.6	0.1	34.3	65.6	0.0	0.1	46.9	53.0	0.1	46.9	53.0
210	2562	C	0.0	0.1	32.0	68.9	0.1	32.0	68.9	0.0	0.1	47.1	52.8	0.1	47.1	52.8
210	2562	D	0.0	0.2	30.3	69.5	0.2	30.3	69.5	0.0	0.2	46.3	53.5	0.2	46.3	53.5
210	2562	E	0.0	0.2	33.3	66.5	0.2	33.3	66.5	0.0	0.2	50.7	49.1	0.2	50.7	49.1
210	2562	F	0.0	0.2	32.8	67.0	0.2	32.8	67.0	0.0	0.2	49.5	50.3	0.2	49.5	50.3
210	2562	G	0.0	0.1	30.1	69.8	0.1	30.1	69.8	0.0	0.1	44.6	55.3	0.1	44.6	55.3
210	2562	H	0.0	0.1	31.2	68.7	0.1	31.2	68.7	0.0	0.1	46.5	53.4	0.1	46.5	53.4
210	2562	I	0.0	0.2	32.0	67.8	0.2	32.0	67.8	0.0	0.2	47.5	52.3	0.2	47.5	52.3
210	2562	J	0.0	0.2	32.4	67.4	0.2	32.4	67.4	0.0	0.2	47.7	52.1	0.2	47.7	52.1
210	2564	A	35.8	64.2	0.0	0.0	100.0	0.0	0.0	35.8	64.2	0.0	0.0	100.0	0.0	0.0
210	2567	A	36.9	63.1	0.0	0.0	100.0	0.0	0.0	36.9	63.1	0.0	0.0	100.0	0.0	0.0
210	2568	A	0.0	8.5	35.5	56.0	8.5	35.5	56.0	0.0	8.5	48.1	43.4	8.5	48.1	43.4

Code Line 250 Sediment grain-size parameters

Code line 250 gives the sediment grain-size parameters of the samples. These parameters were calculated from the data of line 200 by a computer program designed by Schlee and Webster (1967).

Acknowledgements

These analyses were made by John Schlee, J.R. Frothingham, Jr., and Carlyle R. Hayes.

Explanations of headings

CODE #	250 denotes sediment grain-size parameters
STATION #	As described under code line 100 above
MODE 1	Strongest mode in phi units[1/]
MODE S	Mode strength of strongest mode[1/]
MODE 2	Second strongest mode in phi units[1/]
MODE S	Mode strength of 2nd mode[1/]
MODE 3	Third strongest mode in phi units[1/]
MODE S	Mode strength of 3rd mode[1/]
NO OF MODES	Number of modes
MEDIAN	Median grain diameter in phi units[1/]
MEAN	Mean grain diameter in phi units[1/]
STANDARD DEV.	Standard deviation of grain-size distribution in phi units (sorting)[1/]
SKEWNESS	Skewness of grain-size distribution[1/]
KURTOSIS	Kurtosis of grain-size distribution[1/]
SEDIMENT NAME	Name describing the sediment[2/]
CURVE TYPE	Code for shape of curve[3/]

[1/] See Schlee and Webster (1967) and references therein

[2/] See Shepard (1954)

[3/] See Schlee (in preparation)

M 306 . . . 02

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
250	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Mode 1	20-25	F	6	23	2
	Mode strength	27-30	F	4	28	2
	Mode 2	33-38	F	6	36	2
	Mode strength	40-43	F	4	41	2
	Mode 3	46-51	F	6	49	2
	Mode strength	53-56	F	4	54	2
	No. of modes	59	I	1		
	Median	62-67	F	6	65	2
	Mean	70-75	F	6	73	2
	Std. Deviation	81-85	F	5	83	2
	Skewness	88-92	F	5	90	2
	Kurtosis	95-100	F	6	98	2
	Sediment name	103-114	A	12		
	Curve type	117-119	A	3		

M2306 - 5502

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	A002	1.40	2.37	-8.80	8.10	0.	0.	2	-.89	-.84	2.11	-.08	-1.27		
250	A003	0.50	5.63	0.	0.	0.	0.	1	.48	.37	.83	-.81	.91		
250	A012	1.75	4.10	0.	0.	0.	0.	1	1.78	1.78	.82	.1	-.3	SAND	
250	A015	1.60	5.95	0.	0.	0.	0.	1	1.7	1.73	.7	-.17	.71	SAND	
250	A016	1.30	4.04	-2.40	0.90	0.	0.	2	.97	.61	1.49	-.55	.59		
250	A020	1.60	1.83	3.40	1.68	7.80	0.63	3	3.87	3.78	2.06	.18	-.25		
250	A023	0.60	1.34	8.50	0.71	-1.40	0.65	4	1.68	2.76	4.86	.07	-.88		
250	A026	-2.10	2.12	0.	0.	0.	0.	1	-1.74	-1.74	1.77	-.05	-.58		
250	A036	1.20	4.20	0.	0.	0.	0.	1	1.17	1.13	1.08	-.56	3.58		
250	A037	-0.50	6.88	0.	0.	0.	0.	1	-.66	-.69	.62	.07	1.15		
250	A040	3.50	1.23	-2.60	0.65	0.	0.	2	3.19	2.87	5.06	.09	-.63		
250	A041	4.50	1.62	7.50	0.96	1.50	0.84	3	4.75	4.6	3.75	-.12	-.58		
250	A042	4.60	2.80	7.50	1.35	0.	0.	2	6.36	6.71	2.1	.19	-1.09	CLAYEY SILT	
250	A044	2.60	5.44	0.	0.	0.	0.	1	2.74	2.76	.87	-.25	1.74	SAND	
250	A045	1.20	4.95	0.	0.	0.	0.	1	1.07	1.06	.72	0.0	-.43	SAND	
250	A046	2.30	5.85	0.	0.	0.	0.	1	2.14	2.17	.72	.36	1.87	SAND	
250	A047	1.70	5.36	0.	0.	0.	0.	1	1.8	1.83	.7	0.0	-.41	SAND	
250	A048	1.60	5.79	0.	0.	0.	0.	1	1.77	1.8	.72	-.23	1.23	SAND	
250	A052	1.40	5.52	0.	0.	0.	0.	1	1.22	1.21	.7	0.0	-.37	SAND	
250	A055	0.60	4.28	0.	0.	0.	0.	1	.64	.44	1.35	-.42	1.37		
250	B003	1.10	3.30	0.	0.	0.	0.	1	.93	.72	1.46	-.45	.77		
250	D007	1.20	3.04	0.	0.	0.	0.	1	.32	-.11	1.73	-.43	.02		
250	E001	4.50	3.74	0.	0.	0.	0.	1	4.91	5.56	1.99	.49	.37	SANDY SILT	S
250	E002	3.50	5.25	0.	0.	0.	0.	1	3.71	4.08	1.62	1.15	5.78	SILTY SAND	S
250	E003	4.00	3.58	0.	0.	0.	0.	1	4.05	4.43	1.88	.75	2.32	SILTY SAND	S
250	E004	4.60	2.29	7.20	1.63	0.	0.	2	6.57	6.81	2.09	.25	-.6	CLAYEY SILT	S
250	E005	4.50	1.48	8.30	1.23	0.	0.	2	6.66	6.67	2.94	.07	-1.76	CLAYEY SILT	N2
250	E006	9.20	1.53	7.70	1.52	0.	0.	2	8.27	8.32	2.36	.08	-.59	SILTY CLAY	N2
250	E007	8.40	2.37	0.	0.	0.	0.	1	8.34	8.33	1.91	-.01	-.32	SILTY CLAY	N2
250	E008	7.60	1.84	5.60	1.37	0.	0.	2	7.62	7.67	2.13	.11	-.6	CLAYEY SILT	N2
250	E009	5.40	1.88	0.	0.	0.	0.	1	6.97	7.48	2.59	.3	-.47	CLAYEY SILT	N2
250	E010	6.60	2.03	0.	0.	0.	0.	1	7.39	7.75	2.17	.24	-.5	CLAYEY SILT	N2
250	E011	8.40	1.77	0.	0.	0.	0.	1	8.47	8.62	2.21	.1	-.57	SILTY CLAY	N2
250	E012	8.60	1.48	0.	0.	0.	0.	1	9.92	9.89	2.68	-.03	-.34	CLAY	N2
250	E013	8.70	1.88	0.	0.	0.	0.	1	9.65	9.69	2.81	-.03	-.18	CLAY	N2
250	E014	2.60	5.40	0.	0.	0.	0.	1	2.79	3.19	1.62	1.38	8.86	SAND	S
250	E015	3.50	4.50	0.	0.	0.	0.	1	3.42	3.5	1.51	.72	4.48	SAND	S
250	E016	3.60	4.21	0.	0.	0.	0.	1	3.8	4.16	1.76	.79	2.98	SILTY SAND	S
250	E018	7.30	1.63	0.	0.	0.	0.	1	7.57	7.86	2.53	.18	-.58	CLAYEY SILT	N2
250	L090	2.75	4.50	0.	0.	0.	0.	1	2.74	2.76	.41	-.01	-.73	SAND	N1
250	L091	1.05	4.02	0.	0.	0.	0.	1	1.16	1.21	.46	.26	.09	SAND	N1
250	L092	2.75	4.90	0.	0.	0.	0.	1	2.66	2.67	.39	.04	-.5	SAND	N1
250	L093	1.75	3.30	0.	0.	0.	0.	1	1.78	1.79	.63	.11	-.39	SAND	N1
250	L094	2.15	3.73	0.	0.	0.	0.	1	2.08	2.08	.55	.07	-.35	SAND	N1
250	L095	1.55	4.14	0.	0.	0.	0.	1	1.57	1.59	.45	.09	-.29	SAND	N1
250	L096	1.45	4.70	0.	0.	0.	0.	1	1.55	1.59	.39	.14	-.5	SAND	N1
250	L097	0.85	4.72	0.	0.	0.	0.	1	1.0	1.09	.47	.29	-.25	SAND	N1
250	L098	0.35	3.69	0.	0.	0.	0.	1	.7	.79	.54	.24	-.55	SAND	N1
250	L099	0.05	3.65	0.	0.	0.	0.	1	.19	.27	.55	.35	.22	SAND	N1
250	L100	1.75	4.40	0.	0.	0.	0.	1	1.73	1.77	.48	.17	-.31	SAND	N1
250	L101	1.75	5.40	0.	0.	0.	0.	1	1.85	1.9	.4	.18	-.01	SAND	N1
250	L102	1.85	4.50	0.	0.	0.	0.	1	2.06	2.11	.42	.15	-.68	SAND	N1
250	L103	1.75	4.85	0.	0.	0.	0.	1	1.67	1.7	.41	.17	-.14	SAND	N1
250	L104	1.65	4.43	0.	0.	0.	0.	1	1.61	1.63	.43	.18	-.04	SAND	N1
250	L105	1.65	4.94	0.	0.	0.	0.	1	1.6	1.63	.39	.2	.02	SAND	N1
250	L106	1.25	3.90	0.	0.	0.	0.	1	1.31	1.34	.47	.1	-.56	SAND	N1
250	L107	0.85	3.62	0.	0.	0.	0.	1	1.16	1.23	.59	.17	.29	SAND	N1
250	L108	1.35	4.78	0.	0.	0.	0.	1	1.49	1.53	.41	.27	.27	SAND	N1
250	L109	0.85	3.68	0.	0.	0.	0.	1	1.13	1.2	.54	.14	-.64	SAND	N1
250	L110	0.75	4.90	0.	0.	0.	0.	1	.9	.97	.47	.25	0.0	SAND	N1
250	L111	-2.50	4.66	0.	0.	0.	0.	1	-2.65	-2.68	.93	-.06	-.11		N1
250	L112	-3.40	3.88	0.80	0.77	0.	0.	2	-2.6	-1.95	1.84	.49	-.08		N2
250	L113	2.55	4.20	0.	0.	0.	0.	1	2.55	2.56	.44	.01	-.44	SAND	N1
250	L114	1.95	3.54	0.	0.	0.	0.	1	2.24	2.28	.49	.18	-.75	SAND	N1
250	L115	1.35	3.61	0.	0.	0.	0.	1	1.39	1.41	.81	.13	-.31	SAND	N1
250	L116	0.35	5.62	0.	0.	0.	0.	1	.43	.52	.42	.5	1.11	SAND	N1
250	L117	-0.60	2.15	-2.30	1.91	0.	0.	2	-1.14	-1.05	1.86	.17	-.69		N2
250	L118	0.25	5.20	0.	0.	0.	0.	1	.46	.61	.54	.48	.54	SAND	N1
250	L119	-0.75	5.90	0.	0.	0.	0.	1	-.62	-.86	.39	.42	.94	SAND	N1
250	L120	0.25	4.10	0.	0.	0.	0.	1	.59	.8	.72	.42	-.13	SAND	N1
250	L121	0.25	6.70	0.	0.	0.	0.	1	.34	.39	.38	.35	3.78	SAND	N1
250	L122	1.35	6.22	0.	0.	0.	0.	1	1.39	1.43	.32	.18	-.29	SAND	N1
250	L123	0.50	6.20	0.	0.	0.	0.	1	.59	.57	.79	-.26	1.18	SAND	N1
250	L124	0.85	5.30	0.	0.	0.	0.	1	.95	1.05	.46	.52	1.3	SAND	N1
250	L125	1.80	3.90	0.	0.	0.	0.	1	1.7	1.69	.9	-.03	-.63	SAND	N1
250	L126	0.25	6.00	0.	0.	0.	0.	1	.38	.43	.38	.49	1.71	SAND	N1
250	L127	0.25	5.20	0.	0.	0.	0.	1	.43	.55	.84	.75	3.04	SAND	N1
250	L128	1.05	4.38	0.	0.	0.	0.	1	1.1	1.14	.42	.16	-.43	SAND	N1
250	L129	0.70	5.73	0.	0.	0.	0.	1	.84	.89	.72	-.23	1.86	SAND	N1
250	L130	1.65	4.23	0.	0.	0.	0.	1	1.56	1.65	.46	.05	-.13	SAND	N1
250	L131	1.85	3.24	0.	0.	0.	0.	1	2.26	2.29	0.56	0.05	-0.40	SAND	
250	L132	3.15	5.21	0.	0.	0.	0.	1	3.08	3.04	0.35	-0.17	0.55	SAND	
250	L133	2.25	4.60	0.	0.	0.	0.	1	2.25	2.26	0.47	0.01	0.41	SAND	
250	L134	0.95	4.22	0.	0.	0.	0.	1	1.08	1.13	0.48	0.20	0.20	SAND	
250	L135	3.15	4.83	0.	0.	0.	0.	1	3.15	3.17	0.53	0.08	2.43	SAND	
250	L136	2.35	3.74	0.	0.	0.	0.	1	2.39	2.42	0.53	0.23	0.53	SAND	
250	L137	-0.75	2.70	2.65	1.12	0.	0.	2	-0.48	0.19	1.58	0.38	-0.92	GVL + 10 %	
250	L138	1.75	4.00	0.	0.	0.	0.	1	1.84	1.99	0.74	0.39	0.74	SAND	
250	L139	1.85	4.41	0.	0.	0.	0.	1	2.08	2.17	0.52	0.62	2.47	SAND	
250	L140	0.85	5.16	0.	0.	0.	0.	1	0.96	1.02	0.52	0.42	3.83	SAND	

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	L141	0.25	3.00	2.75	1.00	1.75	0.80	3	0.88	0.81	1.33	0.21	-0.45	GVL + 10 %	
250	L142	1.75	4.50	0.	0.	0.	0.	1	1.89	1.49	0.60	-0.44	1.15	SAND	
250	L143	1.85	2.82	2.68	2.81	0.	0.	2	2.21	2.17	0.69	-0.36	0.95	SAND	
250	L144	1.25	4.10	0.	0.	0.	0.	1	1.22	1.22	0.58	-0.46	3.59	SAND	
250	L145	1.05	2.25	0.	0.	0.	0.	1	1.29	1.31	0.81	-0.18	1.44	SAND	
250	L146	1.25	4.50	0.	0.	0.	0.	1	1.56	1.69	0.82	0.84	-0.68	SAND	
250	L147	0.65	4.27	0.	0.	0.	0.	1	0.49	0.44	0.56	-0.25	1.87	SAND	
250	L148	1.45	2.48	0.	0.	0.	0.	1	1.39	1.44	0.75	0.10	-0.29	SAND	
250	L149	0.35	3.65	0.	0.	0.	0.	1	0.81	0.67	0.99	0.83	0.96	SAND	
250	L150	1.65	4.52	0.	0.	0.	0.	1	1.60	1.56	0.54	-0.37	1.90	SAND	
250	L151	2.10	2.63	0.	0.	0.	0.	1	2.02	2.02	0.69	-0.15	0.60	SAND	
250	L152	0.85	4.95	0.	0.	0.	0.	1	0.97	1.04	0.48	0.27	1.45	SAND	
250	M001A	5.60	1.70	7.90	1.51	0.	0.	2	7.64	7.8	2.51	.15	-.47	CLAYEY SILT	
250	M003A	8.50	1.83	4.50	0.79	0.	0.	2	8.55	8.44	2.76	-.1	-.17	SILTY CLAY	
250	M005A	8.40	2.23	5.50	0.84	0.	0.	2	8.67	8.79	2.15	.04	-.01	SILTY CLAY	
250	M006A	3.00	1.51	8.50	0.80	0.	0.	2	3.62	4.14	4.39	-.07	-.37		
250	M007A	3.50	2.81	8.50	1.02	0.	0.	2	4.71	6.17	3.3	.29	-.83	SAN SIL CLY	
250	M008A	8.00	1.99	0.	0.	0.	0.	1	8.62	8.76	2.12	-.01	-.28	SILTY CLAY	
250	M009A	2.50	0.91	0.60	0.72	0.	0.	2	-.62	.01	5.36	.17	-.42		
250	M010A	9.40	1.50	4.70	1.42	7.80	1.36	3	7.99	8.1	2.62	.18	-.65	SILTY CLAY	
250	M011A	2.50	1.26	0.	0.	0.	0.	1	2.34	1.45	5.73	-.02	-.69		
250	M012A	4.50	2.42	8.40	1.01	0.	0.	2	6.22	6.9	3.03	.32	.48	CLAYEY SILT	
250	M013A	2.60	0.71	0.	0.	0.	0.	1	-2.76	-1.96	5.21	.35	-.11		
250	M014B	2.40	1.31	4.40	1.26	6.50	0.55	3	3.31	3.35	4.75	-.01	-.18		
250	M016A	4.40	1.35	2.50	1.26	0.	0.	2	2.21	1.53	5.05	.02	-.04		
250	M017A	3.50	5.56	0.	0.	0.	0.	1	3.58	4.11	2.27	1.7	12.12	SAND	
250	M019A	4.30	4.75	0.	0.	0.	0.	1	4.16	4.48	1.87	1.32	7.8	SANDY SILT	
250	M019B	3.60	3.21	0.	0.	0.	0.	1	3.69	4.1	2.48	.51	1.59	SILTY SAND	
250	M020A	3.70	3.56	7.60	0.57	9.40	0.54	3	4.36	5.38	2.6	.7	1.16	SANDY SILT	
250	M021B	2.30	1.52	0.	0.	0.	0.	1	2.0	1.64	4.44	.08	-.16		
250	M022A	3.40	1.53	0.	0.	0.	0.	1	2.14	.98	5.36	.07	-.55		
250	M023A	3.70	3.15	9.50	0.86	0.	0.	2	4.76	6.19	3.0	.39	-.63	SAN SIL CLY	
250	M024A	8.50	1.29	4.60	0.91	0.	0.	2	9.12	9.19	3.03	.07	-.69	SILTY CLAY	
250	M024B	2.50	1.00	4.30	0.84	8.10	0.76	3	3.97	4.04	5.24	-.11	-.7		
250	M025A	7.70	1.22	2.50	0.90	0.	0.	2	5.32	4.77	5.31	-.2	-.74		
250	M026A	0.	0.	0.	0.	0.	0.	0	-6.23	-4.42	5.66	.65	1.11	GRAVEL	
250	M027A	3.60	0.99	8.30	0.95	0.	0.	2	5.08	5.26	4.94	-.16	-.55		
250	M028A	8.00	2.13	0.	0.	0.	0.	1	8.65	8.78	2.03	0.0	.13	SILTY CLAY	
250	M029A	8.10	0.86	0.	0.	0.	0.	1	1.17	1.2	6.43	-.02	-1.22		
250	M030A	8.30	0.81	0.	0.	0.	0.	1	1.42	1.2	7.16	-.06	-1.24		
250	M031B	3.60	3.49	8.60	0.95	0.	0.	2	4.78	6.15	2.99	.38	-.62	SAN SIL CLY	
250	M032A	7.80	2.30	0.	0.	0.	0.	1	8.18	8.27	1.77	.05	-.3	SILTY CLAY	
250	M033A	7.60	1.81	4.70	1.26	0.	0.	2	7.72	7.83	2.27	.14	-.51	CLAYEY SILT	
250	M034B	7.80	3.02	9.70	1.99	0.	0.	2	8.2	8.47	1.75	.05	-.42	SILTY CLAY	
250	M035A	8.10	2.10	4.70	0.63	0.	0.	2	8.26	8.22	2.12	-.09	-.3	SILTY CLAY	
250	M036A	2.40	1.06	0.	0.	0.	0.	1	.13	-.14	5.68	.06	-.65		
250	M037A	8.80	2.36	0.	0.	0.	0.	1	8.68	8.51	1.76	-.34	-.08	SILTY CLAY	
250	M038A	2.40	2.12	7.50	0.98	0.	0.	2	3.14	4.88	4.09	.44	-.27	CLAYEY SAND	
250	M039A	7.80	3.04	0.	0.	0.	0.	1	7.81	8.11	1.69	.21	.02	CLAYEY SILT	
250	M040A	7.80	2.44	0.	0.	0.	0.	1	8.35	8.54	1.72	.15	-.4	SILTY CLAY	
250	M041A	2.40	1.28	0.	0.	0.	0.	1	.96	.63	4.73	.06	-.44		
250	M042A	7.50	1.89	9.50	1.37	5.60	0.98	3	7.91	8.05	2.6	.06	-.52	SILTY CLAY	
250	M043A	1.70	1.27	0.	0.	0.	0.	1	1.07	.69	4.86	.09	-.4		
250	M044A	2.60	2.96	7.40	0.52	0.	0.	2	2.78	2.87	3.78	-.14	-.18		
250	M045A	1.60	3.31	0.	0.	0.	0.	1	2.63	3.3	2.46	.62	1.17	SILTY SAND	
250	M046A	3.35	3.05	0.	0.	0.	0.	1	3.42	3.43	.63	-.01	-.28	SAND	
250	M049A	1.75	7.90	0.	0.	0.	0.	1	1.77	1.79	.3	.77	5.52	SAND	
250	M050A	3.50	6.46	0.	0.	0.	0.	1	3.53	4.0	1.87	1.44	8.41	SAND	
250	M051C	3.10	1.94	8.30	0.70	0.	0.	2	3.69	4.86	3.05	.38	-.33	SILTY SAND	
250	M052B	3.90	2.24	8.50	0.97	0.	0.	2	5.57	6.4	2.8	.36	-.42	SAN SIL CLY	
250	M053A	2.60	1.08	1.40	0.88	0.	0.	2	2.41	1.76	5.95	-.1	-.61		
250	M054A	3.80	2.11	0.	0.	0.	0.	1	3.95	4.85	3.15	.49	.22	SILTY SAND	
250	M055A	8.70	1.49	4.60	1.22	0.	0.	2	8.14	8.11	2.64	.11	-.56	SILTY CLAY	
250	M056A	7.90	1.85	0.	0.	0.	0.	1	8.71	8.84	2.04	.11	-.42	SILTY CLAY	
250	M057A	7.60	1.61	0.	0.	0.	0.	1	9.33	9.38	2.25	.14	-.57	SILTY CLAY	
250	M058A	1.90	1.51	8.50	0.68	6.50	0.63	3	2.66	3.59	4.32	.13	-.49		
250	M059A	8.80	1.23	0.	0.	0.	0.	1	8.14	8.0	3.27	.01	-.53	SILTY CLAY	
250	M060A	7.50	2.78	9.50	1.59	4.50	0.78	3	8.1	8.16	2.36	-.18	.1	SILTY CLAY	
250	M061A	8.50	1.40	2.50	0.92	0.	0.	2	7.24	5.76	4.71	-.28	-.55		
250	M062A	7.80	1.86	0.	0.	0.	0.	1	8.88	8.97	1.98	.06	-.37	SILTY CLAY	
250	M063A	7.50	4.10	0.	0.	0.	0.	1	7.86	8.28	1.8	.29	.5	CLAYEY SILT	
250	M064A	9.50	3.02	7.50	1.68	0.	0.	2	8.95	8.68	1.73	-.11	-.27	SILTY CLAY	
250	M065A	8.50	1.45	2.50	1.03	4.50	1.01	3	7.39	6.9	3.32	-.03	-.94	SAN SIL CLY	
250	M066A	7.50	2.58	0.	0.	0.	0.	1	8.7	8.87	2.07	.06	-.59	SILTY CLAY	
250	M067A	7.60	2.07	0.	0.	0.	0.	1	8.48	8.77	2.36	.11	-.37	SILTY CLAY	
250	M068A	0.	0.	0.	0.	0.	0.	0	-5.18	-4.41	4.56	.58	1.87	GRAVEL	
250	M069A	7.70	2.33	0.	0.	0.	0.	1	8.39	8.94	2.47	.39	.24	SILTY CLAY	
250	M070A	2.30	1.64	6.50	1.49	0.	0.	2	3.93	4.72	3.23	.16	-.88	SAN SIL CLY	
250	M071A	8.00	1.97	2.50	0.98	0.	0.	2	8.17	7.87	2.79	-.25	-.19	SILTY CLAY	
250	M072A	2.20	1.28	8.40	0.99	0.	0.	2	5.92	5.78	4.03	.09	-.86	SAN SIL CLY	
250	M073A	4.60	2.27	6.50	1.51	0.	0.	2	6.96	7.21	2.43	.26	-.53	CLAYEY SILT	
250	M074A	4.50	3.34	8.50	1.00	0.	0.	2	5.22	6.21	2.54	.48	.01	SAN SIL CLY	
250	M075A	3.60	1.70	0.	0.	0.	0.	1	2.32	.27	4.78	-.09	-.99		
250	M076A	-5.50	8.54	0.	0.	0.	0.	1	-5.45	-5.31	.82	1.82	18.56		
250	M077A	3.20	1.66	0.	0.	0.	0.	1	-2.03	-1.04	3.45	.09	-1.43		
250	M079A	-4.50	2.15	-2.60	1.39	0.	0.	2	-4.33	-4.25	2.37	-.01	-.45		
250	M080B	3.60	2.70	6.60	0.59	0.	0.	2	4.02	4.8	2.76	.64	1.35	SILTY SAND	
250	M081A	4.50	1.71	2.50	1.62	0.	0.	2	2.65	2.15	4.85	-.04	-.13		
250	M082A	4.70	2.34	9.40	0.82	0.	0.	2	6.7	7.76	3.28	.46	-.04	CLAYEY SILT	
250	M083A	5.60	2.20	7.50	1.58	9.40	1.21	3	7.8	8.16	2.36	.28	-.43	CLAYEY SILT	

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CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	M084A	7.50	2.41	0.	0.	0.	0.	1	8.01	8.20	1.99	0.0	-.19	SILTY CLAY	
250	M085A	7.60	2.35	4.70	0.86	0.	0.	2	8.08	8.01	2.2	.18	-.18	SILTY CLAY	
250	M086A	7.50	2.06	0.	0.	0.	0.	1	8.19	8.48	2.04	.27	-.27	SILTY CLAY	
250	M087A	7.80	1.60	8.80	0.88	0.	0.	2	7.69	7.88	2.98	-.18	.48	SILTY CLAY	
250	M088A	7.00	1.53	0.	0.	0.	0.	1	8.63	8.93	2.48	.21	-.36	SILTY CLAY	
250	M089A	6.60	2.18	0.	0.	0.	0.	1	8.06	8.39	2.3	.27	-.05	SILTY CLAY	
250	M090A	7.70	1.68	3.80	0.82	0.	0.	2	7.86	7.93	2.93	-.06	.04	SILTY CLAY	
250	M091A	7.20	1.87	0.	0.	0.	0.	1	8.03	8.37	2.39	.26	-.13	SILTY CLAY	
250	M092A	6.80	2.41	0.	0.	0.	0.	1	7.21	7.36	1.84	.12	-.18	CLAYEY SILT	
250	M093A	2.50	1.56	0.	0.	7.40	0.81	2	1.88	.88	5.77	.06	-.96		
250	M094A	3.70	1.80	9.40	0.69	0.	0.	2	6.07	6.93	3.68	.41	.01	SAN SIL CLY	
250	M095A	2.40	1.86	4.40	0.78	0.	0.	2	1.73	.76	5.01	.15	-.34		
250	M096A	2.40	0.98	0.	0.	0.	0.	1	-3.51	-2.29	4.31	.19	.12		
250	M097A	-3.40	3.42	0.	0.	0.	0.	1	-3.46	-3.48	1.14	-.01	-.16		
250	M099C	3.50	4.24	0.	0.	0.	0.	1	3.86	4.93	2.76	.78	1.72	SILTY SAND	
250	M100B	2.50	1.47	4.50	1.30	6.70	0.91	3	4.7	5.47	3.61	.27	-.53	SAN SIL CLY	
250	M101A	7.50	1.70	0.	0.	0.	0.	1	7.94	8.16	2.47	.18	-.31	SILTY CLAY	
250	M102A	1.70	0.99	7.70	0.78	4.80	0.55	3	3.03	3.88	4.85	.01	-.84		
250	M103A	6.70	1.72	0.	0.	0.	0.	1	7.78	7.94	2.24	.11	-.53	CLAYEY SILT	
250	M104A	6.60	1.59	0.	0.	0.	0.	1	7.48	7.86	3.62	-.08	-.32	SILTY CLAY	
250	M105A	6.70	1.58	8.30	1.51	2.30	0.69	3	7.66	7.88	3.24	-.22	-.32	SILTY CLAY	
250	M106A	7.50	2.57	0.	0.	0.	0.	1	8.13	8.48	2.26	.11	.74	SILTY CLAY	
250	M107A	7.50	1.75	2.50	1.16	0.	0.	2	7.29	6.83	3.32	-.06	-.89	SAN SIL CLY	
250	M108A	7.60	2.37	0.	0.	0.	0.	1	8.48	8.81	2.13	.23	-.01	SILTY CLAY	
250	M109A	7.50	1.67	9.40	1.59	4.60	0.95	3	8.16	8.22	2.43	.07	-.56	SILTY CLAY	
250	M110A	4.50	1.59	8.50	1.26	0.	0.	2	8.02	7.88	3.11	.09	-.89	SILTY CLAY	
250	M111A	4.50	1.53	0.	0.	0.	0.	1	7.47	7.32	3.05	.04	-.84	SILTY CLAY	
250	M112A	2.50	2.70	8.50	0.83	0.	0.	2	3.82	5.38	3.49	.28	-1.0	CLAYEY SAND	
250	M113A	8.20	2.00	0.	0.	0.	0.	1	8.74	8.85	1.99	.05	-.33	SILTY CLAY	
250	M114A	2.40	2.98	0.	0.	0.	0.	1	2.81	4.26	3.54	.61	.39	CLAYEY SAND	
250	M115A	2.80	1.22	8.30	1.21	0.	0.	2	7.36	6.68	3.78	-.04	-1.07	SAN SIL CLY	
250	M116A	0.	0.	0.	0.	0.	0.	0	-5.27	-4.38	4.76	.47	.64	GRAVEL	
250	M117A	8.00	1.89	0.	0.	0.	0.	1	9.07	9.09	1.82	-0.00	-0.37	SILTY CLAY	
250	M118A	8.50	1.79	3.50	0.69	0.	0.	2	8.61	8.29	2.94	-.27	-.09	SILTY CLAY	
250	M119A	2.70	4.13	0.	0.	0.	0.	1	3.01	3.66	2.28	.93	2.78	SAND	
250	M120A	8.50	2.34	0.	0.	0.	0.	1	8.91	9.06	2.04	.01	-.1	SILTY CLAY	
250	M121A	3.50	2.60	8.60	0.98	0.	0.	2	4.65	6.15	3.35	.28	-.9	SAN SIL CLY	
250	N002A	0.80	4.68	0.	0.	0.	0.	1	1.0	1.06	.82	.22	.36	SAND	
250	N003A	2.25	4.90	0.	0.	0.	0.	1	2.35	2.36	.42	-.01	-.08	SAND	
250	N004A	2.75	3.60	0.	0.	0.	0.	1	2.54	2.8	.61	-.02	-.33	SAND	
250	N005A	3.50	5.90	0.	0.	0.	0.	1	3.47	3.86	1.91	1.13	5.26	SAND	
250	N006A	2.10	4.22	0.	0.	0.	0.	1	2.23	2.37	1.03	.34	.05	SAND	
250	N007A	2.60	6.21	0.	0.	0.	0.	1	2.79	3.37	1.89	1.36	7.18	SAND	
250	N008A	2.70	3.99	0.	0.	0.	0.	1	2.89	3.21	1.76	1.38	8.41	SAND	
250	N009A	2.50	5.45	0.	0.	0.	0.	1	2.7	3.16	1.78	1.32	7.74	SAND	
250	N010A	3.60	4.52	0.	0.	0.	0.	1	3.85	4.46	2.03	.93	2.75	SILTY SAND	
250	N011A	3.50	6.80	0.	0.	0.	0.	1	3.7	4.25	1.8	1.26	5.65	SAND	
250	N012A	3.50	7.05	0.	0.	0.	0.	1	3.48	3.87	1.65	1.38	7.6	SAND	
250	N013A	2.60	4.02	0.	0.	0.	0.	1	2.63	2.84	1.55	1.51	12.24	SAND	
250	N014A	2.25	5.20	0.	0.	0.	0.	1	2.24	2.24	.41	.04	-.06	SAND	
250	N015A	2.15	4.13	0.	0.	0.	0.	1	2.05	2.05	.46	.02	-.29	SAND	
250	N016A	2.75	4.40	0.	0.	0.	0.	1	2.67	2.68	.47	.05	-.12	SAND	
250	N017A	3.30	4.51	0.	0.	0.	0.	1	3.27	3.85	2.17	1.02	3.49	SAND	
250	N018A	3.50	5.05	0.	0.	0.	0.	1	3.65	4.18	1.81	.89	2.6	SAND	
250	N019A	3.60	5.33	0.	0.	0.	0.	1	3.79	4.85	1.79	1.1	4.85	SAND	
250	N020A	4.30	3.47	0.	0.	0.	0.	1	4.12	4.47	2.24	.63	1.46	SILTY SAND	
250	N021A	3.40	2.58	0.	0.	0.	0.	1	3.35	4.0	2.53	.64	.95	SAND	
250	N022A	1.50	4.34	4.50	1.24	0.	0.	2	2.18	3.46	2.8	.74	1.54	SILTY SAND	
250	N023A	4.40	4.28	0.	0.	0.	0.	1	4.21	4.85	2.37	.96	4.13	SILTY SAND	
250	N024A	3.60	4.03	0.	0.	0.	0.	1	4.12	5.09	2.57	.84	2.24	SILTY SAND	
250	N025A	3.60	4.66	0.	0.	0.	0.	1	3.83	4.52	2.41	1.07	4.55	SILTY SAND	
250	N026A	3.50	5.85	0.	0.	0.	0.	1	3.37	3.87	1.61	1.31	8.58	SAND	
250	N027A	3.50	6.61	0.	0.	0.	0.	1	3.43	3.7	1.52	1.58	10.83	SAND	
250	N028A	3.40	6.58	0.	0.	0.	0.	1	3.35	3.62	1.53	1.56	10.61	SAND	
250	N029A	1.45	2.95	0.	0.	0.	0.	1	1.35	1.35	.63	.01	-.29	SAND	
250	N030A	2.10	5.24	0.	0.	0.	0.	1	2.03	2.02	.73	-.35	2.02	SAND	
250	N031A	2.50	5.19	0.	0.	0.	0.	1	2.81	3.5	2.22	1.25	6.31	SAND	
250	N032A	3.10	2.62	0.	0.	0.	0.	1	3.3	3.74	2.18	.65	1.46	SILTY SAND	
250	N033A	2.60	3.57	0.	0.	0.	0.	1	3.48	4.71	3.1	.82	1.97	SILTY SAND	
250	N034A	4.30	3.02	0.	0.	0.	0.	1	4.54	5.47	2.68	.66	1.04	SANDY SILT	
250	N035A	4.50	5.58	0.	0.	0.	0.	1	4.67	5.73	2.82	1.05	3.69	CLAYEY SILT	
250	N036A	1.70	3.62	0.	0.	0.	0.	1	2.26	3.03	2.57	1.1	4.75	SAND	
250	N037A	1.60	5.79	0.	0.	0.	0.	1	1.79	2.4	2.05	1.35	7.08	SAND	
250	N038A	1.70	2.21	4.50	1.86	0.	0.	2	3.61	4.49	3.48	.71	1.38	SILTY SAND	
250	N039A	4.50	3.69	0.	0.	0.	0.	1	5.02	5.95	2.62	.55	.85	SANDY SILT	
250	N040A	4.50	3.75	0.	0.	0.	0.	1	5.01	6.14	2.5	.4	-.82	SAN SIL CLY	
250	N041A	4.50	3.55	0.	0.	0.	0.	1	4.86	5.74	2.23	.49	-.19	SANDY SILT	
250	N042A	8.50	2.92	4.40	1.82	0.	0.	2	3.48	4.7	3.53	.82	2.05	SILTY SAND	
250	N043A	8.40	4.86	0.	0.	0.	0.	1	2.37	2.96	2.2	1.14	4.76	SAND	
250	N044A	1.55	3.62	0.	0.	0.	0.	1	1.48	1.48	.63	.01	-.35	SAND	
250	N045A	0.80	2.42	0.	0.	0.	0.	1	1.0	1.06	.76	.14	-.39	SAND	
250	N046A	1.50	5.90	0.	0.	0.	0.	1	1.99	1.64	.75	.15	.19	SAND	
250	N047A	2.50	5.17	0.	0.	0.	0.	1	2.53	3.27	2.93	1.29	6.51	SAND	
250	N048A	8.10	4.20	0.	0.	0.	0.	1	2.3	3.12	2.64	1.23	5.75	SAND	
250	N049A	4.50	3.23	8.30	0.69	0.	0.	2	5.09	6.2	2.88	.66	1.01	CLAYEY SILT	
250	N050A	4.60	3.28	0.	0.	0.	0.	1	5.84	6.8	2.72	.55	.38	CLAYEY SILT	
250	N051A	4.60	2.46	1.60	1.42	0.	0.	2	4.77	5.42	3.4	.48	.39	SANDY SILT	
250	N052A	1.70	3.15	4.50	0.89	0.	0.	2	2.35	3.41	2.91	.65	.82	SILTY SAND	
250	N053A	4.50	3.36	0.	0.	0.	0.	1	4.77	6.35	3.97	.77	1.45	SAN SIL CLY	
250	N054A	5.50	4.31	3.60	1.77	0.	0.	2	5.16	5.3	2.18	.87	4.29	SILT	

MGG06995003

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	N055A	3.50	3.87	0.	0.	0.	0.	1	4.39	5.75	3.05	.63	.48	SAN SIL CLY	
250	N056A	1.90	4.48	0.	0.	0.	0.	1	2.18	2.76	2.13	1.22	5.73	SAND	
250	N057A	2.10	3.06	4.80	1.00	0.	0.	2	2.68	3.78	2.84	.73	1.48	SILTY SAND	
250	N058A	2.80	2.64	4.80	1.48	7.80	1.14	3	3.89	4.42	3.0	.5	.24	SILTY SAND	
250	N059A	2.50	2.56	0.	0.	0.	0.	1	2.98	3.86	2.98	.81	2.2	SILTY SAND	
250	N060A	2.20	3.85	4.50	0.93	0.	0.	2	2.38	3.38	2.8	1.15	5.07	SAND	
250	N061	2.80	4.63	0.	0.	0.	0.	1	3.0	3.47	1.93	1.27	6.24	SAND	
250	N062	1.50	7.00	0.	0.	0.	0.	1	1.63	1.71	.65	.36	.75	SAND	
250	N063	2.30	5.56	0.	0.	0.	0.	1	2.14	2.13	.65	-.02	-.65	SAND	
250	N064A	2.30	3.92	0.	0.	0.	0.	1	2.38	2.79	1.91	1.24	6.78	SAND	
250	N065A	2.80	3.94	0.	0.	0.	0.	1	3.32	4.26	2.73	1.06	3.9	SILTY SAND	
250	N066A	0.50	4.15	-2.40	1.56	0.	0.	2	.11	-.85	1.38	-.32	-.54		
250	N067A	1.50	6.00	0.	0.	0.	0.	1	1.48	1.46	.72	.09	.1	SAND	
250	N103	0.50	4.45	0.	0.	0.	0.	1	.26	.16	1.1	-.09	-.01		
250	N106	2.70	2.92	0.	0.	0.	0.	1	2.3	2.12	1.41	-.17	-.65	SAND	
250	N110	4.60	1.88	8.60	1.13	0.	0.	2	8.07	8.27	3.19	.21	-.72	SILTY CLAY	
250	N128	1.55	4.72	0.	0.	0.	0.	1	1.89	1.62	.38	.12	-.55	SAND	
250	N130	1.35	4.50	0.	0.	0.	0.	1	1.83	1.68	.49	.33	-.03	SAND	
250	N133	1.75	3.50	0.	0.	0.	0.	1	1.84	1.89	.55	.25	-.03	SAND	
250	N140	2.35	4.09	0.	0.	0.	0.	1	2.38	2.37	.45	-.04	-.43	SAND	
250	N145	2.60	5.65	0.	0.	0.	0.	1	2.75	2.78	.75	-.08	.66	SAND	
250	N148	-3.60	2.22	2.40	2.11	0.	0.	2	1.06	-.58	3.25	-.06	-1.64		
250	N151	2.75	4.50	0.	0.	0.	0.	1	2.68	2.69	.42	.05	-.43	SAND	
250	N153	1.50	7.50	0.	0.	0.	0.	1	1.56	1.63	.62	.48	1.79	SAND	
250	N164	-4.40	4.99	1.50	0.83	0.	0.	2	-3.99	-3.48	1.68	1.01	3.56		
250	P001	4.60	2.39	7.50	1.19	0.	0.	2	6.88	7.0	2.47	.27	-.69	CLAYEY SILT	S
250	P003	4.50	2.47	7.40	0.76	0.	0.	2	5.23	6.07	2.87	.37	-.44	SAN SIL CLY	S
250	P005	1.80	3.76	0.	0.	0.	0.	1	2.39	2.91	1.93	1.17	6.24	SAND	S
250	P006	0.90	4.55	0.	0.	0.	0.	1	1.08	1.19	.91	.36	.55	SAND	N1
250	P009	1.70	5.35	0.	0.	0.	0.	1	1.9	1.97	.72	.16	-.32	SAND	N1
250	P012	3.60	3.85	0.	0.	0.	0.	1	3.83	4.55	2.36	.89	2.45	SILTY SAND	S
250	P014	4.50	2.01	9.20	0.89	0.	0.	2	6.63	7.31	3.29	.27	-.64	CLAYEY SILT	N2
250	P016	5.50	2.33	7.60	1.32	0.	0.	2	7.38	7.68	2.48	.24	-.5	CLAYEY SILT	N2
250	P018	9.30	1.63	5.60	1.29	0.	0.	2	7.91	7.9	2.22	.06	-.77	CLAYEY SILT	S
250	P020	7.60	1.28	0.	0.	0.	0.	1	7.93	8.09	3.09	.1	-.69	SILTY CLAY	N2
250	P021	7.50	1.49	0.	0.	0.	0.	1	8.49	8.65	2.73	.09	-.67	SILTY CLAY	N2
250	P022	7.40	1.36	9.60	1.32	0.	0.	2	8.42	8.55	2.89	.08	-.73	SILTY CLAY	N2
250	S002	1.60	2.55	3.30	2.34	0.	0.	2	2.47	3.12	2.93	.97	3.8	SAND	
250	S003	7.70	2.20	4.50	0.94	0.	0.	2	8.55	8.58	2.14	-.14	-.4	SILTY CLAY	
250	S005	8.60	1.47	4.50	0.78	0.	0.	2	8.61	8.28	3.24	-.17	-.35	SILTY CLAY	
250	S007	8.50	3.00	5.50	1.91	0.	0.	2	8.29	8.24	2.53	.09	-.61	SILTY CLAY	
250	S009	1.60	4.04	0.	0.	0.	0.	1	1.92	2.58	2.33	1.1	4.46	SAND	
250	S012	1.70	2.68	0.	0.	0.	0.	1	2.6	4.08	3.85	.73	1.2	CLAYEY SAND	
250	S014	6.10	1.45	8.90	1.23	0.	0.	2	7.8	7.77	3.01	.13	-.63	SILTY CLAY	
250	S017	3.60	2.68	8.60	0.89	6.50	0.79	3	5.4	6.89	3.21	.32	-.83	SAN SIL CLY	
250	S021	1.40	5.18	0.	0.	0.	0.	1	1.06	.97	.8	-.22	-.34	SAND	
250	S024	2.75	5.00	0.	0.	0.	0.	1	2.79	2.86	.5	.38	.61	SAND	
250	S026	1.70	2.06	0.	0.	0.	0.	1	2.07	2.77	3.0	.72	1.78	SAND	
250	S028	2.40	2.11	0.	0.	0.	0.	1	1.91	1.61	4.44	.19	.43		
250	S030	3.40	1.77	0.	0.	0.	0.	1	2.77	2.18	5.36	-.04	-.43		
250	S032	4.40	1.76	6.40	0.87	9.50	0.65	3	4.94	5.94	3.78	.27	-.31	SAN SIL CLY	
250	S034	4.50	2.24	0.	0.	0.	0.	1	6.15	7.24	3.31	.4	-.32	CLAYEY SILT	
250	S036	3.80	4.03	0.	0.	0.	0.	1	4.23	5.03	2.83	.81	1.88	SANDY SILT	
250	S041	1.60	2.28	-3.60	1.90	0.	0.	2	-2.01	-1.86	2.97	.03	-1.45		
250	S057	-3.00	3.19	1.60	0.81	0.	0.	2	-2.73	-2.27	2.07	.5	.51		
250	S059	-2.20	2.27	1.40	1.93	0.	0.	2	-1.22	-.76	1.96	.09	-1.25		
250	S061	2.75	4.40	0.	0.	0.	0.	1	3.06	2.93	.36	.2	.12	SAND	
250	S072	2.70	2.65	0.	0.	0.	0.	1	3.03	3.03	3.18	-.05	1.14		
250	S074	3.50	5.95	0.	0.	0.	0.	1	3.63	3.78	.99	.89	5.04	SAND	
250	S078	-2.40	2.32	2.00	1.35	0.	0.	2	-1.61	-.82	2.39	.23	-1.13		
250	S080	1.90	3.39	0.	0.	0.	0.	1	1.86	1.42	1.89	-.56	.51		
250	S083	-5.50	2.50	-2.60	1.59	1.40	1.28	3	-2.82	-2.37	2.8	.27	-.74		
250	S085	1.75	5.00	0.	0.	0.	0.	1	1.88	1.91	.43	.11	-.06	SAND	
250	S088	-2.80	3.54	-5.50	2.53	0.	0.	2	-3.33	-3.61	1.35	-.16	-.88		
250	S094	1.30	4.45	0.	0.	0.	0.	1	1.01	.74	1.3	-.62	1.21		
250	S096	3.40	3.04	0.	0.	0.	0.	1	2.97	3.66	3.22	1.13	4.83	SAND	
250	S100	2.40	5.97	0.	0.	0.	0.	1	2.21	2.14	.74	-.53	2.55	SAND	
250	S102	2.30	1.51	-2.50	1.37	0.	0.	2	.67	.42	2.65	.08	-.53		
250	S108	0.60	1.78	-5.50	1.56	-2.10	1.15	3	-.94	-.73	3.62	.39	.84		
250	S110	3.40	2.12	0.	0.	0.	0.	1	3.14	3.01	3.46	-.04	.44		
250	S112	-4.50	2.64	-1.50	1.56	2.60	0.86	3	-1.58	-.42	4.28	.63	1.28		
250	S114	3.40	1.65	7.40	0.86	0.	0.	2	3.44	3.8	2.94	.21	-.18	SILTY SAND	
250	S116	1.80	1.88	6.50	0.73	8.40	0.70	3	3.33	4.1	3.03	.29	-.53	SILTY SAND	
250	S118	4.50	1.84	7.60	1.54	0.	0.	2	6.97	6.81	2.88	.05	-.76	CLAYEY SILT	
250	S121	2.60	3.64	7.00	0.82	0.	0.	2	3.0	3.75	2.52	.67	1.24	SAND	
250	S124	1.70	2.56	0.	0.	0.	0.	1	1.91	2.28	3.04	.43	.97		
250	S125	2.60	1.91	8.60	1.03	0.	0.	2	4.87	5.93	3.71	.16	-1.1	CLAYEY SAND	
250	S128	7.80	2.22	0.	0.	0.	0.	1	8.43	8.58	1.79	.09	-.23	SILTY CLAY	
250	S130	7.80	2.00	0.	0.	0.	0.	1	8.07	7.88	2.5	-.18	-.19	SILTY CLAY	
250	S136	2.30	2.66	0.	0.	0.	0.	1	2.67	4.04	3.46	.55	.14	CLAYEY SAND	
250	S139	4.50	1.98	8.30	1.46	0.	0.	2	6.93	6.82	2.85	.09	-.89	SILTY SAND	
250	S142	8.20	2.87	0.	0.	0.	0.	1	8.31	8.43	1.9	0.0	-.14	SILTY CLAY	
250	S144	4.80	2.12	8.30	1.79	0.	0.	2	7.95	7.77	2.43	0.0	.91	SILTY CLAY	
250	S146	7.70	2.14	0.	0.	0.	0.	1	8.12	8.24	1.95	.06	-.45	SILTY CLAY	
250	S148	2.40	2.72	9.10	0.60	0.	0.	2	2.82	4.34	3.55	.49	-.32	CLAYEY SAND	
250	S150	1.10	1.60	0.	0.	7.60	0.52	2	1.55	2.38	2.93	.38	-.12		
250	S151	9.50	1.21	4.70	1.18	7.50	1.04	3	8.42	8.57	3.23	.15	-.77	SILTY CLAY	
250	W001	0.50	5.60	0.	0.	0.	0.	1	.87	.6	.81	.02	.34	SAND	
250	W003	4.40	4.62	0.	0.	0.	0.	1	4.43	5.49	2.97	.95	2.62	CLAYEY SAND	
250	W005	4.50	2.97	9.40	1.02	0.	0.	2	6.52	7.27	2.99	.24	-1.02	SAN SIL CLY	

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	W007	8.50	1.86	5.60	0.88	0.	0.	2	8.26	8.14	2.94	-.02	-.36	SILTY CLAY	
250	W009	6.40	1.38	9.30	1.11	4.80	0.91	4	7.68	7.18	3.93	-.19	-.49	SAN SIL CLY	
250	W011	4.40	1.74	9.30	1.12	0.	0.	2	7.48	7.6	3.09	.18	-.82	SAN SIL CLY	
250	W013	3.50	2.90	1.60	1.76	0.	0.	2	3.03	3.26	2.64	.6	1.6	SAND	
250	W015	1.20	4.12	0.	0.	0.	0.	1	1.23	1.27	.88	.06	-.5	SAND	
250	W017	-1.60	2.29	1.50	1.54	0.	0.	2	-1.21	-.77	2.54	0.0	-.75		
250	W019	1.30	1.73	0.	0.	0.	0.	1	-.16	-.28	2.11	-.17	-.47		
250	W020	0.60	6.10	0.	0.	0.	0.	1	.76	.91	.83	.67	2.69	SAND	
250	W021	2.50	6.33	-1.40	1.00	0.	0.	2	2.39	1.82	1.67	-.75	1.22		
250	W023	-1.60	3.70	0.70	0.91	0.	0.	2	-1.93	-1.9	1.78	.16	.06		
250	W025	1.50	4.75	-1.50	1.18	0.	0.	2	1.37	.6	2.08	-.65	.95		
250	W027	3.15	4.18	0.	0.	0.	0.	1	2.99	2.99	.51	.19	.5	SAND	
250	W028	3.25	5.60	0.	0.	0.	0.	1	3.16	3.18	.41	.32	.91	SAND	
250	W029	3.25	5.00	0.	0.	0.	0.	1	3.25	3.27	.5	-.05	1.03	SAND	
250	W031	1.60	2.77	3.40	2.62	0.	0.	2	2.4	2.42	1.36	-.08	-.64	SAND	
250	W033	2.60	6.03	0.	0.	0.	0.	1	2.75	2.85	.71	.27	.03	SAND	
250	W034	1.60	5.02	0.	0.	0.	0.	1	1.94	2.2	1.03	.35	-.25	SAND	
250	W036	3.15	5.20	0.	0.	0.	0.	1	3.06	3.06	.42	.19	1.16	SAND	
250	W038	2.35	3.64	0.	0.	0.	0.	1	2.35	2.38	.51	.22	.09	SAND	
250	W039	1.80	3.81	0.	0.	0.	0.	1	1.68	1.63	.98	-.13	-.36	SAND	
250	W043	1.50	5.62	-0.50	1.07	0.	0.	2	1.33	.98	1.35	-.61	1.36		
250	W044	-3.40	2.51	1.30	0.55	0.	0.	2	-3.37	-3.1	2.07	.42	.59		
250	W046	-0.70	3.39	1.60	0.96	0.	0.	2	-.7	-.36	1.65	.36	-.08		
250	W048	2.70	5.21	-4.50	1.02	0.	0.	2	2.74	2.13	2.38	-1.12	3.67		
250	W049	3.40	2.80	0.	0.	0.	0.	1	3.17	2.96	.97	-.52	.74	SAND	
250	W051	3.10	3.59	0.	0.	0.	0.	1	3.21	4.0	2.94	1.05	3.97	SAND	
250	W053	0.60	1.51	4.40	0.78	0.	0.	2	2.61	4.03	3.95	.34	-.88	CLAYEY SAND	
250	W055	2.10	2.64	0.	0.	0.	0.	1	1.91	2.4	2.67	.75	2.09	SAND	
250	W060	1.70	2.63	0.	0.	0.	0.	1	2.17	2.81	2.63	.78	2.08	SAND	
250	W062	2.40	4.10	-1.50	1.06	0.	0.	2	2.01	1.38	1.9	-.61	.53		
250	W064	-0.25	5.90	0.	0.	0.	0.	1	-.09	.08	.6	.98	4.72	SAND	
250	W066	1.40	5.42	0.	0.	0.	0.	1	1.26	1.2	.79	-.22	.52	SAND	
250	W068	3.50	5.40	1.50	3.20	0.	0.	2	3.08	2.79	1.03	-.19	-1.56	SAND	
250	W070	2.50	8.50	0.	0.	0.	0.	1	2.51	2.54	.51	.42	2.69	SAND	
250	W072	1.75	3.50	0.	0.	0.	0.	1	1.64	1.6	.7	-.16	.56	SAND	
250	W075	1.50	5.90	0.	0.	0.	0.	1	1.57	1.61	.73	.1	.05	SAND	
250	W076	1.50	5.20	0.	0.	0.	0.	1	1.52	1.47	.9	-.22	.23	SAND	
250	W079	1.60	5.51	0.	0.	0.	0.	1	1.74	1.86	.93	.29	1.19	SAND	
250	W081	1.80	4.34	0.	0.	0.	0.	1	2.07	2.18	.95	.29	.26	SAND	
250	W083	1.75	3.15	0.	0.	0.	0.	1	1.82	1.87	.66	.01	-.34	SAND	
250	W084	1.85	3.50	0.	0.	0.	0.	1	1.93	1.97	.56	.1	-.45	SAND	
250	W086	2.25	4.45	0.	0.	0.	0.	1	2.24	2.27	.47	.34	1.09	SAND	
250	W088	1.50	6.50	0.	0.	0.	0.	1	1.49	1.49	.7	.01	.67	SAND	
250	W090	0.50	5.80	0.	0.	0.	0.	1	.62	.67	.76	.08	.24	SAND	
250	W091	-1.80	3.18	1.50	1.36	0.	0.	2	-1.76	-1.35	1.84	.31	-.54		
250	W093	-1.66	0.21	0.50	0.10	0.	0.	2	-2.24	-2.23	2.26	.06	-.47		
250	W095	-2.70	2.87	1.20	1.37	0.	0.	2	-2.46	-1.76	2.23	.24	-.93		
250	W097	2.75	5.70	0.	0.	0.	0.	1	2.82	2.91	.48	.54	1.49	SAND	
250	W099	2.10	3.17	0.	0.	0.	0.	1	1.96	1.97	1.33	.01	-.17	SAND	
250	W100	-2.70	2.81	1.50	1.16	0.	0.	2	-2.39	-1.35	2.71	.29	-.92		
250	W101	2.50	2.08	-2.40	1.11	0.	0.	2	1.4	.74	2.5	-.26	-.78		
250	W102	3.50	3.18	-2.40	0.61	0.	0.	2	2.75	2.11	2.13	-.5	.14		
250	W103	2.25	4.30	4.25	0.35	0.	0.	2	2.43	2.52	.57	.5	1.49	SAND	
250	W105	0.25	2.70	0.	0.	0.	0.	1	.24	.35	.83	.26	-.27	SAND	
250	W107	3.15	5.00	0.	0.	0.	0.	1	3.02	3.02	.43	.25	1.33	SAND	
250	W110	0.45	3.69	0.	0.	0.	0.	1	.67	.79	.63	.48	.87	SAND	
250	W111	1.40	2.60	-2.40	2.00	0.	0.	2	.24	-.32	2.05	-.11	-1.23		
250	W112	-1.70	1.96	1.50	0.73	0.	0.	2	-2.43	-2.28	2.49	.09	-.35		
250	W114	0.90	3.94	-2.50	0.60	0.	0.	2	.87	.67	1.34	-.6	1.57		
250	W116	2.50	2.45	0.	0.	0.	0.	1	2.18	2.09	1.52	.1	-.61	SAND	
250	W118	2.50	2.84	-1.50	1.44	0.50	1.29	3	.32	-.09	2.5	-.24	-.84		
250	W120	-3.10	2.55	1.00	0.53	0.	0.	2	-3.28	-2.95	2.1	.47	.68		
250	W122	1.40	2.59	-0.40	2.12	0.	0.	2	.39	.27	1.56	-.18	-.55		
250	W124	-2.70	2.66	0.50	0.83	0.	0.	2	-2.63	-2.26	2.04	.31	-.14		
250	W127	0.70	3.55	0.	0.	0.	0.	1	.44	.18	1.34	-.37	.05		
250	W129	1.30	4.50	0.	0.	0.	0.	1	1.12	1.08	.91	-.08	.23	SAND	
250	W131	0.80	2.37	0.	0.	0.	0.	1	.76	.59	1.6	-.24	-.39		
250	W133	2.65	2.67	1.35	1.89	0.	0.	2	1.99	1.92	.81	-.16	-.79	SAND	
250	W135	0.70	2.27	-2.50	1.95	0.	0.	2	-.18	-.57	2.02	-.09	-1.01		
250	W136	1.50	3.23	0.	0.	0.	0.	1	1.09	.68	1.68	-.36	-.26		
250	W138	0.80	2.93	0.	0.	0.	0.	1	.36	.25	1.38	-.11	-.24		
250	W140	2.50	5.55	-2.50	1.65	0.	0.	2	2.17	.96	2.42	-.47	-.79		
250	W144	-3.70	3.06	0.	0.	0.	0.	1	-3.91	-3.92	1.31	.02	.15		
250	W146	-2.30	2.26	0.	0.	0.	0.	1	-1.18	-1.17	1.49	-.03	-.79		
250	W148	-3.90	2.80	0.50	0.64	0.	0.	2	-4.01	-3.54	2.23	.5	.5		
250	W150	1.40	3.31	-3.50	1.50	0.	0.	2	.78	-.05	2.28	-.32	-.81		
250	W152	-3.50	2.60	-0.80	1.73	0.	0.	2	-2.06	-2.01	1.86	.06	-1.03		
250	W154	0.75	4.50	0.	0.	0.	0.	1	1.03	1.21	.63	.41	-.08	SAND	
250	W157	-3.70	3.46	1.50	0.87	0.	0.	2	-3.67	-3.08	2.29	.72	1.55		
250	W159	1.40	4.90	0.	0.	0.	0.	1	1.22	1.19	.83	-.13	.22	SAND	
250	W161	1.50	5.80	0.	0.	0.	0.	1	1.3	1.2	.8	-.32	.58	SAND	
250	W163	2.00	4.97	-0.50	0.60	0.	0.	2	1.87	1.8	.87	-.49	1.23	SAND	
250	W165	-3.50	2.15	1.60	2.07	0.	0.	2	-.88	-.87	2.54	-.01	-1.49		
250	W167	1.50	6.05	0.	0.	0.	0.	1	1.47	1.48	.7	-.02	-.12	SAND	
250	W169	0.95	2.96	0.	0.	0.	0.	1	1.15	1.15	.64	-.09	-.17	SAND	
250	W170	2.05	4.41	0.	0.	0.	0.	1	2.12	2.16	.44	.33	.68	SAND	
250	W172	3.15	4.15	0.	0.	0.	0.	1	3.06	3.09	.52	.23	.2	SAND	
250	W174	2.75	4.40	1.75	2.50	0.	0.	2	2.55	2.44	.55	-.12	-.8	SAND	
250	W176	1.85	4.79	0.	0.	0.	0.	1	1.89	1.89	.4	-.08	-.26	SAND	
250	W178	1.70	4.68	0.	0.	0.	0.	1	2.06	2.2	.9	.22	.14	SAND	

CODE #	STATION #	MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	MODE NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	W180	1.45	3.13	0.	0.	0.	0.	1	1.39	1.34	.72	-.1	.13	SAND	
250	W181	0.50	3.92	0.	0.	0.	0.	1	.37	.29	1.16	-.07	.01		
250	W182	1.75	4.55	0.	0.	0.	0.	1	1.95	2.02	.58	.12	-.94	SAND	
250	W184	2.15	3.60	3.25	2.50	0.	0.	2	2.2	2.31	.68	.07	-.68	SAND	
250	W186	1.35	5.33	0.	0.	0.	0.	1	1.39	1.4	.38	-.11	.46	SAND	
250	W188	1.50	3.30	0.	0.	0.	0.	1	1.55	1.55	.69	-.12	.98	SAND	
250	W190	0.50	6.30	0.	0.	0.	0.	1	.69	.84	.8	.45	.68	SAND	
250	W191	1.50	3.22	-2.40	0.96	0.	0.	2	1.09	.53	1.99	-.38	-.26		
250	W195	-3.70	2.44	1.00	1.33	0.	0.	2	-3.35	-2.8	2.65	.2	-1.02		
250	W197	1.50	2.36	-2.60	2.03	0.	0.	2	.07	-.65	2.49	-.09	-1.3		
250	W200	1.50	3.58	-3.50	1.40	0.	0.	2	.79	-.23	2.34	-.3	-1.02		
250	W204	0.50	2.30	-3.50	1.60	0.	0.	2	-.55	-.92	2.13	-.13	-.96		
250	W205	1.50	2.57	-3.50	1.85	0.	0.	2	-.06	-.62	2.09	-.13	-1.27		
250	W207	1.60	3.76	-3.50	1.50	0.	0.	2	1.44	.39	2.47	-.42	-.82		
250	W209	2.90	4.73	0.	0.	0.	0.	1	2.92	2.88	.83	-.27	.7	SAND	
250	W211	3.50	2.08	-0.50	1.46	1.50	1.32	4	.59	.33	2.8	-.13	-1.14		
250	W213	3.50	2.15	1.10	1.55	0.	0.	2	1.93	1.65	2.23	-.33	-.2		
250	W215	3.50	4.65	0.	0.	0.	0.	1	3.08	2.8	1.15	-.3	-.41	SAND	
250	W224	1.80	2.58	-1.30	1.23	0.	0.	2	1.23	1.03	1.69	-.09	-.44		
250	W225	1.50	2.84	-3.50	1.05	0.	0.	2	.94	.16	2.48	-.37	-.44		
250	W227	-2.50	2.10	0.	0.	0.	0.	1	-2.48	-2.46	1.93	.04	-.26		
250	W229	-3.50	3.20	0.50	2.18	0.	0.	2	-2.57	-1.79	2.15	.12	-1.36		

CODE #	STATION #		MODE 1	MODE 1 $	MODE 2	MODE 2 $	MODE 3	MODE 3 $	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1000		10.50	1.85	8.20	1.75	0.	0.	2	9.61	9.64	2.18	0.04	-0.33	CLAY	
250	1001		2.50	3.08	-4.50	2.91	0.	0.	2	1.62	-.05	3.81	.11	-.71		N4
250	1002		3.30	4.67	0.	0.	0.	0.	1	3.18	3.42	1.53	1.45	10.14	SAND	S
250	1003		0.60	4.07	0.	0.	0.	0.	1	1.17	1.21	1.01	.19	-.54	SAND	N1
250	1004		2.80	2.89	6.50	0.64	0.	0.	2	3.89	3.17	3.2	.66	.86	SILTY SAND	S
250	1005		4.40	3.85	2.70	2.11	0.	0.	2	4.23	4.77	2.41	.83	2.73	SANDY SILT	S
250	1006		4.50	1.58	1.50	1.50	6.60	1.26	3	5.57	6.0	3.71	.24	-.6	SAN SIL CLY	S
250	1007		-5.40	1.84	2.00	1.75	0.	0.	2	.72	.4	4.64	.3	-.04		N4
250	1008		1.60	4.95	0.	0.	0.	0.	1	2.02	2.3	1.2	1.31	9.45	SAND	S
250	1009		1.75	3.50	0.	0.	0.	0.	1	1.59	1.85	.65	.23	.15	SAND	N1
250	1011		.6	2.54	4.5	.82			2	.92	1.27	2.94	.39	1.22		N3
250	1012		2.25	7.60	0.	0.	0.	0.	1	2.16	2.16	0.64	0.02	-0.01	SAND	
250	1013		2.65	4.15	0.	0.	0.	0.	1	2.66	2.82	.76	.98	4.69	SAND	N1
250	1014		1.85	2.81	0.	0.	0.	0.	1	1.99	2.04	.73	.03	-.21	SAND	N1
250	1015		4.50	2.95	0.	0.	0.	0.	1	5.42	6.62	2.97	.5	.04	CLAYEY SILT	S
250	1016		-0.30	2.82	0.	0.	0.	0.	1	-.12	-.21	1.56	-.24	.52		N2
250	1018		4.50	2.16	0.	0.	0.	0.	1	7.02	7.67	3.2	.33	-.46	CLAYEY SILT	S
250	1020		2.50	2.53	-5.00	1.77	0.	0.	2	1.85	.29	4.1	-.03	-.65		N4
250	1021		2.30	3.15	0.	0.	0.	0.	1	2.73	3.28	2.25	1.18	6.35	SAND	S
250	1023		1.85	4.90	0.	0.	0.	0.	1	1.94	2.0	.44	.25	.04	SAND	N1
250	1024		7.60	1.68	0.	0.	0.	0.	1	8.49	8.69	2.52	.1	-.54	SILTY CLAY	S
250	1025		3.70	3.44	0.	0.	0.	0.	1	4.33	5.36	2.72	.72	1.21	SANDY SILT	S
250	1026		5.50	1.94	1.70	0.82	8.80	0.70	3	6.19	7.04	3.84	.17	-.64	SAN SIL CLY	N4
250	1027		7.50	2.09	0.	0.	0.	0.	1	7.91	7.98	1.98	.02	-.43	CLAYEY SILT	N2
250	1029		7.50	1.44	9.40	1.21	4.60	1.05	3	8.14	8.28	2.74	.14	.57	SILTY CLAY	N2
250	1031		3.60	1.44	7.40	1.23	0.	0.	2	7.71	7.92	3.34	.16	-.73	SILTY CLAY	S
250	1032		3.50	5.65	0.	0.	0.	0.	1	3.74	5.04	2.94	.83	1.62	SILTY SAND	S
250	1033		1.60	2.12	8.60	0.90	0.	0.	2	3.76	5.17	3.89	.44	-.31	CLAYEY SAND	S
250	1034		3.50	2.15	6.60	0.70	0.	0.	2	4.59	5.87	3.78	.37	.3	SAN SIL CLY	N3
250	1035	A	3.60	2.46	6.60	1.11	0.	0.	2	6.33	7.07	3.65	.35	-.56	SAN SIL CLY	S
250	1036		3.40	1.41	-5.40	1.08	0.	0.	2	1.5	.62	5.36	.19	-.71		N4
250	1037		3.70	3.16	9.50	0.67	0.	0.	2	4.57	5.76	2.94	.67	1.0	SAN SIL CLY	S
250	1038		4.50	1.15	7.30	0.99	0.	0.	2	7.38	7.64	3.9	.13	-.82	SAN SIL CLY	S
250	1039		9.50	1.98	7.50	1.59	0.	0.	2	8.95	8.88	2.46	.08	-.46	SILTY CLAY	N2
250	1040		4.70	2.04	9.50	1.25	2.50	0.55	3	6.4	7.09	2.89	.31	-.27	CLAYEY SILT	M
250	1041		2.80	2.73	-1.60	0.67	0.50	0.64	3	2.89	2.86	3.15	.12	.17		N4
250	1042		9.50	1.79	6.40	1.78	11.50	0.51	3	7.23	7.66	2.40	0.26	-0.45	CLAYEY SILT	
250	1043		1.50	2.96	-1.70	0.78	0.	0.	2	1.54	2.16	3.68	.73	2.47		N4
250	1044		4.50	1.87	0.	0.	0.	0.	1	7.5	7.98	3.32	.28	-.51	CLAYEY SILT	S
250	1045		1.90	2.61	0.	0.	0.	0.	1	2.05	2.97	3.38	1.1	4.91	SAND	S
250	1046		2.40	1.64	4.40	1.45	6.60	0.53	3	4.47	5.78	4.24	.45	-.09	SAN SIL CLAY	N2
250	1047	A	4.10	1.69	9.50	0.59	0.	0.	2	4.09	4.85	4.8	.19	.05		N4
250	1048		9.50	1.38	7.50	1.35	0.	0.	2	8.51	8.39	3.33	-.11	-.16	SILTY CLAY	N3
250	1049		9.70	1.45	7.70	1.35	0.	0.	2	9.26	9.29	2.54	.03	-.51	SILTY CLAY	N2
250	1050		2.30	2.27	0.	0.	0.	0.	1	2.53	4.03	5.06	.36	.27		N4
250	1051		9.50	1.96	7.60	1.37	1.40	1.12	3	6.9	5.93	3.38	-.18	-1.28	SAN SIL CLY	S
250	1052		0.60	3.62	0.	0.	0.	0.	1	.87	1.68	2.86	1.06	3.61	SAND	S
250	1053		3.50	6.95	0.	0.	0.	0.	1	3.46	3.64	1.26	1.7	14.0	SAND	S
250	1054		4.60	2.23	1.30	1.28	0.	0.	2	4.9	5.3	3.54	.34	.09	SANDY SILT	N4
250	1055		3.20	5.40	0.	0.	0.	0.	1	3.06	3.07	.66	-.01	-.63	SAND	N1
250	1056		0.80	4.81	0.	0.	0.	0.	1	1.03	1.16	.89	.39	.58	SAND	N1
250	1057		0.25	2.00	0.	0.	0.	0.	1	.7	.8	.99	.15	-.63	SAND	N1
250	1058		1.40	3.97	0.	0.	0.	0.	1	1.39	1.43	.97	.07	-.34	SAND	N1
250	1059		3.00	4.39	0.	0.	0.	0.	1	2.88	2.81	.91	-.34	1.05	SAND	N1
250	1060		1.30	4.88	0.	0.	0.	0.	1	1.2	1.24	.83	.26	.48	SAND	N1
250	1061	A	8.60	1.46	6.50	0.96	0.	0.	2	9.66	9.58	3.49	-.03	-.50	SILTY CLAY	N2
250	1062		1.80	3.34	0.	0.	0.	0.	1	2.43	2.54	1.12	.12	-.71	SAND	S
250	1063		2.00	5.02	0.	0.	0.	0.	1	2.06	2.15	.79	.36	.89	SAND	N1
250	1064		1.50	5.25	0.	0.	0.	0.	1	1.64	1.7	.86	.09	.15	SAND	N1
250	1066		1.60	3.85	0.	0.	0.	0.	1	2.26	3.11	2.43	.88	2.56	SAND	S
250	1067		4.50	2.55	0.	0.	0.	0.	1	4.63	5.08	2.58	.41	.42	SANDY SILT	N2
250	1068		4.50	2.24	2.60	1.32	0.	0.	2	5.12	5.88	3.01	.38	-.03	SAN SIL CLY	N2
250	1069		2.50	4.40	0.	0.	0.	0.	1	2.79	3.88	2.84	.95	3.08	SILTY SAND	S
250	1070		0.80	4.89	0.	0.	0.	0.	1	.97	1.09	.9	.5	1.42	SAND	S
250	1071		4.40	2.82	0.	0.	0.	0.	1	4.5	5.01	2.23	.45	.22	SANDY SILT	N2
250	1072		2.60	3.75	0.	0.	0.	0.	1	3.18	3.93	2.29	.82	1.98	SILTY SAND	S
250	1073		3.50	4.60	0.	0.	0.	0.	1	3.74	4.33	1.95	.87	2.64	SILTY SAND	S
250	1074		1.90	3.86	0.	0.	0.	0.	1	2.36	2.9	1.92	1.07	5.09	SAND	S
250	1075		1.60	3.66	0.	0.	0.	0.	1	2.04	2.86	2.57	.86	2.4	SAND	S
250	1076		1.50	4.10	-2.40	0.56	0.	0.	2	1.43	1.56	2.74	.62	2.97		N4
250	1077		2.20	3.25	0.	0.	0.	0.	1	2.56	3.22	2.2	.78	1.95	SAND	S
250	1078	A	5.50	1.80	7.60	1.59	2.80	1.52	3	5.81	6.22	2.91	.18	-.67	SAN SIL CLY	M
250	1079		2.60	3.20	0.	0.	0.	0.	1	2.89	3.41	2.08	.89	3.16	SAND	S
250	1080		1.80	4.45	0.	0.	0.	0.	1	2.13	2.6	1.74	1.08	4.97	SAND	S
250	1081		1.50	5.10	0.	0.	0.	0.	1	1.69	1.89	1.11	.50	1.02	SAND	S
250	1082		1.50	4.70	4.50	0.70	0.	0.	2	1.53	1.65	1.17	.38	.96	SAND	S
250	1083		2.20	3.33	4.50	0.78	0.	0.	2	2.49	3.56	2.95	.82	2.2	SILTY SAND	S
250	1084		1.60	3.81	0.	0.	0.	0.	1	2.04	2.93	2.62	.82	2.03	SAND	S
250	1091		5.60	1.87	0.	0.	0.	0.	1	6.94	7.49	2.6	.36	-.14	CLAYEY SILT	N2
250	1092		1.80	1.67	6.80	0.90	4.50	0.20	3	4.95	5.61	3.55	.3	-.55	SAN SIL CLY	S
250	1093		2.40	4.38	0.	0.	0.	0.	1	2.44	3.02	2.31	.99	3.58	SAND	S
250	1094		4.60	1.87	8.30	1.14	0.	0.	2	8.16	8.42	2.29	.19	-.84	SILTY CLAY	S
250	1095		4.50	1.24	8.40	0.94	0.	0.	2	7.49	7.73	3.82	.15	-.57	SILTY CLAY	N2
250	1096		1.70	1.42	8.40	0.64	0.	0.	2	5.15	6.12	4.42	.31	-.55	SAN SIL CLY	N2
250	1097		4.50	1.37	8.40	1.29	0.	0.	2	8.91	9.07	3.04	.07	-.72	SILTY CLAY	S
250	1098		4.60	1.34	9.40	1.02	0.	0.	2	8.72	8.87	3.34	.12	-.87	SANDY CLAY	S
250	1099		4.50	2.78	7.60	0.78	0.	0.	2	6.97	7.76	3.59	.36	-.49	CLAYEY SILT	S
250	1100		0.50	5.00	0.	0.	0.	0.	1	.39	.35	.91	-.06	.1	SAND	N1
250	1101		0.50	4.18	0.	0.	0.	0.	1	.3	.14	1.45	-.45	1.61		PM
250	1102		1.40	2.58	-4.40	2.00	0.	0.	2	-1.56	-1.33	2.72	-.03	-1.56		PM

CODE #	STATION #		MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1103		-6.30	2.83	0.90	1.19	-2.50	1.14	3	-4.89	-3.88	3.03	.34	-1.03		PM
250	1104		0.60	5.78	0.	0.	0.	0.	1	.82	.91	.7	.21	-.19	SAND	N1
250	1106		0.60	5.64	0.	0.	0.	0.	1	.76	.84	.74	.19	-.05	SAND	N1
250	1107		1.85	5.32	0.	0.	0.	0.	1	1.97	2.08	.49	.74	2.92	SAND	N1
250	1108		3.25	5.00	0.	0.	0.	0.	1	3.29	3.4	.87	.54	1.02	SAND	N1
250	1109		2.50	5.00	0.	0.	0.	0.	1	2.58	2.69	.92	.22	-.12	SAND	N1
250	1110		2.20	4.54	0.	0.	0.	0.	1	2.27	2.4	.95	.35	.19	SAND	N1
250	1112		3.25	3.65	0.	0.	0.	0.	1	3.15	3.09	.65	-.11	-.42	SAND	N1
250	1113		3.50	6.00	0.	0.	0.	0.	1	3.29	3.09	.92	-.42	.2	SAND	M
250	1114		1.30	5.08	0.	0.	0.	0.	1	1.16	1.15	.75	.06	-.13	SAND	N1
250	1115		3.25	3.80	0.	0.	0.	0.	1	3.26	3.29	.58	.01	-.33	SAND	N1
250	1116		1.50	2.64	-1.50	1.24	0.	0.	2	1.23	.79	2.28	-.19	-.53		N2
250	1117		2.10	4.97	0.	0.	0.	0.	1	2.03	2.01	.76	-.28	1.07	SAND	N1
250	1118		0.25	2.90	1.25	2.50	0.	0.	2	.83	.89	.83	.28	.87	SAND	N1
250	1119		1.35	3.04	0.	0.	0.	0.	1	1.35	1.3	.76	-.24	.26	SAND	N1
250	1120		2.50	3.73	-3.50	1.36	0.	0.	2	1.37	-.18	2.9	-.19	-1.49		PM
250	1121		2.25	4.60	0.	0.	0.	0.	1	2.24	2.27	.44	.13	-.36	SAND	N1
250	1123		1.50	6.85	0.	0.	0.	0.	1	1.54	1.56	.62	0.0	.28	SAND	N1
250	1124		0.80	4.32	0.	0.	0.	0.	1	.86	.81	.95	-.24	.34	SAND	N1
250	1125		1.60	5.74	0.	0.	0.	0.	1	1.78	1.83	.66	.07	-.5	SAND	N1
250	1126		1.50	5.00	0.	0.	0.	0.	1	1.46	1.48	.81	-.06	-.36	SAND	N1
250	1127		1.90	3.41	-4.50	0.81	0.	0.	2	1.46	.86	2.08	-.75	1.46		PM
250	1128		1.50	4.20	0.	0.	0.	0.	1	1.35	1.23	1.07	-.2	-.29	SAND	N1
250	1129		1.50	2.58	-3.00	1.22	0.	0.	2	.44	-.34	2.4	-.24	-1.11		PM
250	1130		1.50	3.75	0.	0.	0.	0.	1	1.48	1.48	1.27	.17	.4	SAND	PM
250	1133		1.40	2.19	-4.50	1.71	-1.50	0.86	3	.17	-.87	2.87	-.15	-1.29		PM
250	1134		-6.30	2.64	0.60	1.37	2.40	1.21	3	-4.56	-2.7	3.67	.18	-1.55		PM
250	1135		1.50	5.10	0.	0.	0.	0.	1	1.35	1.28	.87	-.22	.25	SAND	N1
250	1136		1.50	3.34	-2.20	0.71	0.	0.	2	1.11	.23	2.43	-.48	-.12		PM
250	1137		-5.50	5.70	2.30	0.87	-3.50	0.67	3	-5.13	-3.18	3.37	.49	-.76		PM
250	1138		2.30	2.43	-5.50	1.46	-2.80	0.99	3	.87	.56	3.1	-.19	-1.32		PM
250	1139		-6.50	7.50	0.	0.	0.	0.	1	-6.37	-5.93	1.46	1.28	6.32		N1
250	1140		2.50	4.60	-1.80	0.69	-5.50	0.68	3	2.25	1.22	2.63	-.72	.94		PM
250	1141		1.40	2.76	-2.30	0.68	0.	0.	2	1.34	1.2	1.92	-.31	.29		N2
250	1142		2.40	5.16	0.	0.	0.	0.	1	2.26	2.29	.81	.2	.4	SAND	N1
250	1143		1.60	6.03	0.	0.	0.	0.	1	1.68	1.69	.77	-.39	2.67	SAND	N1
250	1144		1.60	1.80	-5.50	1.52	-2.20	1.49	3	-1.41	-1.03	2.89	-.06	-1.19		PM
250	1146		-5.20	4.80	0.	0.	0.	0.	1	-4.93	-4.61	1.31	.89	3.21		N1
250	1147		-5.70	3.33	-1.80	0.70	0.	0.	2	-5.31	-4.48	2.42	.82	2.43		PM
250	1148		2.20	3.59	0.	0.	0.	0.	1	2.21	2.24	1.07	.05	-.28	SAND	PM
250	1149		2.40	5.70	0.	0.	0.	0.	1	2.27	2.16	.83	-.4	1.11	SAND	N1
250	1150		-4.50	4.64	1.60	0.63	0.	0.	2	-4.22	-3.43	2.22	.88	1.77		PM
250	1151		0.80	2.79	-3.80	0.97	0.	0.	2	.49	-.1	2.2	-.36	-.47		PM
250	1152		-5.50	5.20	0.	0.	0.	0.	1	-5.03	-4.01	2.5	.97	3.0		PM
250	1153		2.90	4.82	0.	0.	0.	0.	1	2.96	2.92	.92	-.58	2.62	SAND	M
250	1154		1.00	2.93	-2.50	1.26	0.	0.	2	.47	.01	1.89	-.24	-.67		M
250	1155		-5.50	1.99	-3.40	1.81	2.30	0.81	3	-3.0	-2.16	3.18	.27	-.91		PM
250	1156		-5.50	3.52	-1.70	0.98	0.	0.	2	-5.11	-4.21	2.33	.63	1.12		N2
250	1157		2.50	4.77	-3.40	0.63	0.	0.	2	2.26	1.69	2.0	-.77	1.72		PM
250	1158		-3.40	2.12	-0.70	1.39	0.	0.	2	-.83	-.53	2.49	.17	-.99		N2
250	1160		-3.40	2.90	-6.50	2.18	0.	0.	2	-3.49	-3.65	2.29	.88	4.0		S
250	1161		3.40	3.32	-3.40	0.75	0.	0.	2	2.8	1.99	2.36	-.6	.47		PM
250	1162		3.40	2.78	-3.30	1.40	0.	0.	2	2.12	.84	2.84	-.19	-1.41		PM
250	1163		0.60	3.61	3.30	1.42	0.	0.	2	1.17	1.53	1.44	.27	-.64	SAND	M
250	1164		3.50	5.40	0.	0.	0.	0.	1	3.54	3.54	.77	-.1	-.12	SAND	N1
250	1165		1.50	2.86	0.	0.	0.	0.	1	1.19	.99	1.66	-.35	.77		PM
250	1166	A	1.90	1.68	-4.50	0.79	-1.70	0.76	3	1.24	.88	4.04	.25	.26		N3
250	1166	B	2.40	1.62	4.40	0.76	7.60	0.64	3	4.16	5.51	4.51	0.26	-0.53	SAN SIL CLY	
250	1167		-4.00	2.24	1.40	0.65	0.	0.	2	-3.25	-1.88	4.32	.87	2.87		N3
250	1168		2.50	4.87	-1.50	0.75	-4.30	0.58	3	2.38	1.24	2.7	-.86	-.03		PM
250	1169		2.60	3.10	-3.40	0.76	0.	0.	2	2.53	2.11	5.23	.25	.15		N4
250	1170		7.40	1.28	2.70	1.14	4.50	1.06	3	6.96	7.22	3.38	.19	-.73	SAN SIL CLAY	S
250	1171		8.40	1.82	0.	0.	0.	0.	1	8.8	8.82	3.06	-.15	-.23	SILTY CLAY	N4
250	1172	A	2.50	1.75	8.00	0.72	-5.50	0.53	3	6.09	5.88	5.63	-.09	-.5		N4
250	1173		3.10	3.61	0.	0.	0.	0.	1	3.48	4.64	3.15	.99	3.09	SILTY SAND	S
250	1175		2.00	1.14	-4.40	0.91	0.	0.	2	2.21	2.58	5.33	.27	-.26		N3
250	1176		2.70	1.41	-5.90	1.37	0.70	0.81	3	1.08	.84	5.04	.12	-.85		N4
250	1177		1.60	1.40	-5.60	0.79	4.50	0.62	3	1.86	2.26	5.31	.19	-.21		N3
250	1178		1.50	1.44	-5.20	1.24	-2.70	1.18	3	-1.64	-.97	3.45	.31	.06		N3
250	1179		3.10	1.81	0.	0.	0.	0.	1	4.06	5.19	3.69	.87	.5	SILTY SAND	N3
250	1180		-5.00	1.60	1.70	0.57	4.60	0.51	3	-2.27	-.19	5.37	.47	-.03		N3
250	1181		4.20	2.68	0.	0.	0.	0.	1	5.01	6.43	3.3	.54	.09	SAN SIL CLY	S
250	1182		2.50	1.90	0.60	1.62	6.60	0.77	3	2.9	3.67	2.94	.3	-.65	SILTY SAND	N4
250	1184		-3.30	1.98	1.80	1.27	0.	0.	2	-2.25	-1.45	2.7	.23	-1.04		PM
250	1186	A	4.80	1.34	7.50	1.32	0.	0.	2	7.3	7.76	3.46	.26	-.55	CLAYEY SILT	N2
250	1188		8.50	1.76	0.	0.	0.	0.	1	9.19	9.33	2.33	.04	-.35	SILTY CLAY	N2
250	1189		8.40	1.66	0.	0.	0.	0.	1	9.75	9.72	2.13	.05	-.31	CLAY	N2
250	1191		8.60	1.74	0.	0.	0.	0.	1	9.6	9.61	2.26	-.05	-.11	CLAY	N2
250	1192	A	1.50	1.40	8.60	0.81	0.	0.	2	5.2	6.27	4.55	.19	-1.05	CLAYEY SAND	N3
250	1193	A	4.5	.69	8.6	1.27			2	8.91	8.67	3.73	-.15	-.43	SILTY CLAY	N2
250	1194		8.60	1.71	0.	0.	0.	0.	1	9.69	9.71	2.36	-.04	-.34	CLAY	N2
250	1195	A	3.50	3.90	0.	0.	0.	0.	1	3.91	5.78	3.78	.64	.46	SAN SIL CLY	S
250	1196		-0.50	6.25	0.	0.	0.	0.	1	-.37	-.35	1.17	-.39	3.49		PM
250	1198		-5.40	4.41	-7.50	2.06	0.	0.	2	-5.46	-5.29	2.08	1.04	5.95		PM
250	1199		4.00	3.62	0.	0.	0.	0.	1	4.45	5.37	2.32	.58	.09	SANDY SILT	S
250	1200		2.80	2.71	-2.40	0.65	0.	0.	2	2.41	1.9	2.09	-.5	.33		PM
250	1201		-5.50	6.96	0.	0.	0.	0.	1	-5.38	-5.2	1.0	1.37	9.93		S
250	1202		5.60	1.33	0.	0.	0.	0.	1	7.64	8.0	2.91	.83	-.61	CLAYEY SILT	N2
250	1203		4.20	4.18	0.	0.	0.	0.	1	4.25	4.88	2.07	.84	1.86	SANDY SILT	S
250	1204		-3.70	1.79	2.60	0.93	0.	0.	2	-3.0	-1.98	3.08	.31	-.95		PM

CODE #	STATION #	MODE 1	MODE 1 S	MODE 2	MODE 2 S	MODE 3	MODE 3 S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1205	4.60	2.41	0.	0.	0.	0.	1	6.15	6.64	2.49	.27	-.41	CLAYEY SILT	S
250	1206	3.25	3.80	4.75	1.20	0.	0.	2	3.37	3.46	.68	.2	-.03	SAND	N1
250	1207	2.30	3.11	-3.50	0.96	0.	0.	2	1.45	.27	2.8	-.45	-.68		PM
250	1208	2.30	4.26	0.	0.	0.	0.	1	2.37	2.48	.98	.25	-.17	SAND	N1
250	1209	0.25	3.00	1.65	1.31	0.	0.	2	.5	.74	.89	.27	-.55	SAND	N1
250	1210	1.50	2.50	0.	0.	0.	0.	1	1.7	1.77	1.42	.04	-.8	SAND	N1
250	1211	0.40	3.22	-3.40	0.70	0.	0.	2	-.07	-.6	2.26	-.43	.73		PM
250	1212	3.50	5.85	0.	0.	0.	0.	1	3.62	4.54	2.7	1.13	4.14	SILTY SAND	S
250	1213	3.70	2.79	0.	0.	0.	0.	1	4.09	5.11	3.29	.57	.63	SILTY SAND	S
250	1214 A	4.50	1.09	6.90	0.87	1.50	0.60	3	6.9	7.16	4.24	.1	-.76	SAN SIL CLY	N3
250	1214 B	7.40	1.04	4.50	0.90	1.60	0.72	3	6.84	6.96	4.06	.11	-.7	SAN SIL CLY	N3
250	1216	1.30	3.29	-1.40	1.04	0.	0.	2	.93	.66	1.49	-.42	.43		N2
250	1217	2.05	4.17	0.	0.	0.	0.	1	2.15	2.19	.44	.15	-.48	SAND	N1
250	1219	1.70	4.17	-3.40	0.76	0.	0.	2	1.63	.77	2.36	-.68	.55		PM
250	1220	0.25	2.70	0.	0.	0.	0.	1	.86	.98	.92	.12	-.67	SAND	N1
250	1221	1.95	3.95	0.	0.	0.	0.	1	1.9	1.87	.53	-.26	.85	SAND	N1
250	1222	0.50	2.66	-1.40	2.56	0.	0.	2	-.13	-.17	1.39	.02	-.76		N1
250	1224	3.40	1.73	-4.60	1.11	0.	0.	2	2.39	1.68	4.7	.16	-.12		N4
250	1226	3.50	4.10	0.	0.	0.	0.	1	3.39	3.54	2.43	.78	4.01	SAND	N4
250	1227	4.40	1.34	-4.50	0.83	0.	0.	2	3.87	3.89	5.35	.1	-.52		N4
250	1228	1.80	2.87	-4.50	1.10	0.	0.	2	1.05	.13	2.78	-.31	-.77		PM
250	1229	2.80	3.33	0.	0.	0.	0.	1	3.42	4.29	2.7	.57	.96	SILTY SAND	N4
250	1230	2.70	1.70	-4.50	1.05	0.	0.	2	1.4	.32	3.29	-.31	-.94		PM
250	1231	3.40	4.64	0.	0.	0.	0.	1	3.39	3.84	1.88	1.21	5.82	SAND	S
250	1232	3.60	4.46	0.	0.	0.	0.	1	3.92	4.6	2.35	1.13	4.51	SILTY SAND	S
250	1233	-5.60	2.41	1.50	0.87	4.40	0.66	3	-4.08	-2.64	3.67	.33	-.99		PM
250	1234	4.50	4.29	9.20	0.62	0.	0.	2	4.97	6.25	2.78	.6	.42	CLAYEY SILT	S
250	1235	-7.50	7.27	-5.40	0.64	0.	0.	2	-7.35	-5.56	4.3	1.12	3.99		N4
250	1236	3.50	3.80	1.50	2.30	0.	0.	2	3.12	3.13	1.91	0.89	5.00	SAND	
250	1237	3.40	4.61	0.	0.	0.	0.	1	3.1	2.93	1.03	-.26	-.24	SAND	M
250	1238	-3.50	4.71	1.20	0.94	0.	0.	2	-3.03	-1.92	2.31	.49	-.37		PM
250	1239 A	2.80	2.16	-3.50	2.02	0.	0.	2	-1.06	-.25	3.27	-.01	-1.65		PM
250	1239 B	2.60	4.46	0.	0.	0.	0.	1	3.03	3.45	1.78	1.34	8.01	SAND	S
250	1240	6.20	1.32	1.60	1.05	3.60	1.05	3	3.79	3.61	3.72	-.01	.1		N3
250	1241	2.65	4.68	0.	0.	0.	0.	1	2.64	2.67	.41	.2	-.12	SAND	N1
250	1242	3.90	2.63	6.50	0.57	0.	0.	2	3.84	4.78	3.14	.92	2.74	SILTY SAND	S
250	1243	4.50	3.72	9.20	0.64	0.	0.	2	5.32	6.67	2.9	.5	-.17	CLAYEY SILT	S
250	1245	2.50	5.94	-4.50	1.27	0.	0.	2	2.4	1.5	2.57	-.88	1.44		PM
250	1246	-7.50	6.93	-5.40	0.84	1.90	0.54	3	-7.31	-5.92	3.23	.96	2.25		M
250	1248	4.00	4.26	0.	0.	0.	0.	1	4.21	5.12	2.71	1.05	3.4	SANDY SILT	S
250	1249	4.50	2.39	8.40	1.15	0.	0.	2	6.6	6.97	2.61	.23	-.82	CLAYEY SILT	S
250	1250	8.50	1.37	4.50	1.31	0.	0.	2	7.62	7.55	3.01	.06	-.75	SILTY CLAY	N2
250	1251	4.40	3.44	9.20	0.68	0.	0.	2	4.77	5.95	2.69	.52	-.04	SAN SIL CLY	S
250	1252	4.50	3.42	7.90	0.93	0.	0.	2	5.33	6.36	2.49	.42	-.29	CLAYEY SILT	S
250	1253 A	1.70	2.66	0.	0.	0.	0.	1	2.91	4.23	3.4	.58	.39	SILTY SAND	N4
250	1253 B	1.60	1.73	6.60	1.22	0.	0.	2	4.99	5.22	3.2	.19	-.79	SILTY SAND	S
250	1255 A	6.50	2.32	0.	0.	0.	0.	1	6.59	6.86	2.04	.28	-.27	CLAYEY SILT	N2
250	1255 B	6.50	2.37	0.	0.	0.	0.	1	6.74	6.97	2.26	-.2	2.02	CLAYEY SILT	N2
250	1256	2.25	3.60	0.	0.	0.	0.	1	2.35	2.42	.56	.24	-.3	SAND	N1
250	1257	1.35	3.70	0.	0.	0.	0.	1	1.63	1.75	.66	.22	-.13	SAND	N1
250	1258	2.75	5.80	0.	0.	0.	0.	1	2.75	2.77	.39	.18	.29	SAND	N1
250	1259	2.75	2.70	0.	0.	0.	0.	1	2.59	2.61	.63	.05	-.83	SAND	N1
250	1261	1.80	3.42	0.	0.	0.	0.	1	2.51	3.3	2.3	.78	1.89	SAND	S
250	1262	3.60	3.33	0.	0.	0.	0.	1	4.14	4.8	2.13	.64	.9	SILTY SAND	S
250	1263	4.50	3.21	9.50	1.45	0.	0.	2	5.27	6.1	2.44	.28	-.58	CLAYEY SILT	N2
250	1264	3.50	2.80	0.	0.	0.	0.	1	3.48	3.87	2.11	.75	2.32	SILTY SAND	S
250	1265	4.50	3.81	0.	0.	0.	0.	1	4.65	5.46	2.56	.63	.98	SANDY SILT	S
250	1268	4.30	3.85	0.	0.	0.	0.	1	4.27	4.73	1.88	.8	2.27	SANDY SILT	S
250	1269	4.40	3.42	0.	0.	0.	0.	1	4.66	5.57	2.59	.58	.6	SANDY SILT	S
250	1270 A	3.50	4.85	0.	0.	0.	0.	1	3.59	3.85	1.75	1.02	5.66	SILTY SAND	S
250	1270 B	7.40	1.18	0.	0.	0.	0.	1	8.3	8.62	3.52	.09	-.43	SILTY CLAY	N3
250	1271	3.60	4.82	0.	0.	0.	0.	1	3.95	4.68	2.14	.88	2.08	SILTY SAND	S
250	1272	3.50	4.50	0.	0.	0.	0.	1	3.72	4.28	2.15	.71	2.06	SILTY SAND	S
250	1273	2.70	3.17	0.	0.	0.	0.	1	2.75	2.67	1.37	-.16	-.07	SAND	N2
250	1275	0.70	3.53	-2.50	1.82	0.	0.	2	.45	-.07	1.76	-.28	-.6		PM
250	1276	1.60	4.84	0.	0.	0.	0.	1	1.74	1.88	1.04	.43	1.98	SAND	N1
250	1277	2.75	4.20	0.	0.	0.	0.	1	2.64	2.62	.46	-.12	-.21	SAND	N1
250	1278	1.75	3.40	2.75	3.20	0.	0.	2	2.45	2.41	.67	.12	-.83	SAND	N1
250	1279	1.35	2.60	0.	0.	0.	0.	1	1.27	1.28	.73	.07	-.23	SAND	N1
250	1280	2.40	5.06	0.	0.	0.	0.	1	2.22	2.23	.95	.35	1.74	SAND	N1
250	1281 A	1.60	5.41	4.50	0.60	0.	0.	2	1.72	1.85	1.0	.44	1.71	SAND	N1
250	1281 B	1.00	3.46	0.	0.	0.	0.	1	.99	.99	1.31	.07	.47	SAND	N1
250	1282	1.40	4.01	0.	0.	0.	0.	1	1.04	.89	1.17	-.07	-.34		N1
250	1283	1.50	4.58	-2.10	1.02	0.	0.	2	1.2	.61	1.72	-.49	-.14		PM
250	1284	1.25	3.10	0.	0.	0.	0.	1	1.26	1.24	.68	-.05	-.18	SAND	N1
250	1285	1.60	5.03	0.	0.	0.	0.	1	1.67	1.67	.94	-.17	.42		M
250	1286	1.45	3.15	0.	0.	0.	0.	1	1.71	1.78	.64	.17	-.17	SAND	N1
250	1287	1.75	4.20	0.	0.	0.	0.	1	1.79	1.87	.57	.38	.74	SAND	N1
250	1288 A	2.65	2.63	1.85	2.54	0.	0.	2	2.35	2.37	.73	.11	-.19	SAND	N1
250	1289	3.15	3.81	0.	0.	0.	0.	1	2.85	2.8	.51	-.17	-.63	SAND	N1
250	1290	1.50	6.00	0.	0.	0.	0.	1	1.46	1.46	.74	.02	.27	SAND	N1
250	1291	1.25	4.20	0.	0.	0.	0.	1	1.26	1.28	.6	.09	.6	SAND	N1
250	1292	0.85	2.98	0.	0.	0.	0.	1	1.15	1.15	.72	-.18	.39	SAND	N1
250	1293	1.50	3.72	-1.60	1.06	0.	0.	2	1.16	.79	1.57	-.41	-.14		PM
250	1294	2.30	4.33	0.	0.	0.	0.	1	1.97	1.81	1.04	-.36	.23	SAND	M
250	1295	1.15	3.20	0.	0.	0.	0.	1	1.3	1.33	.54	.16	-.33	SAND	N1
250	1296	1.60	5.97	0.	0.	0.	0.	1	1.82	1.96	.8	.54	1.68	SAND	N1
250	1297	0.60	5.73	0.	0.	0.	0.	1	.77	.85	.75	.25	.03	SAND	M
250	1298	1.35	2.56	0.	0.	0.	0.	1	1.22	1.13	.82	-.2	-.38	SAND	N1
250	1299	2.20	3.00	0.	0.	0.	0.	1	1.71	1.72	1.12	.02	-.78	SAND	N1

CODE #	STATION #	MODE 1	MODE 2	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1300	-3.80	2.71	0.80	2.68	0.	0.	2	-.04	-1.74	2.11	-.1	-1.72		PM
250	1301	1.80	4.88	0.	0.	0.	0.	1	1.94	1.98	.86	-.1	.24	SAND	N1
250	1302	1.80	3.14	-3.80	1.81	0.	0.	2	1.23	.04	2.85	-.27	-1.3		PM
250	1303	1.35	2.80	0.	0.	0.	0.	1	1.23	1.2	.67	-.06	-.31	SAND	N1
250	1304	0.70	3.01	-3.80	1.80	0.	0.	2	.1	-.79	2.16	-.2	-1.16		PM
250	1305	1.70	3.37	0.	0.	0.	0.	1	2.06	2.91	3.0	1.17	5.05	SAND	S
250	1306	1.45	2.89	0.	0.	0.	0.	1	1.36	1.34	.66	-.06	-.32	SAND	N1
250	1307	1.85	3.00	0.	0.	0.	0.	1	1.26	1.3	.68	.19	.33	SAND	N1
250	1308	1.95	2.99	0.	0.	0.	0.	1	2.07	2.11	.7	.06	0.0	SAND	N1
250	1309	2.30	3.89	0.	0.	0.	0.	1	2.07	2.08	1.4	.3	1.54	SAND	M
250	1310	1.45	3.38	0.	0.	0.	0.	1	1.41	1.41	.87	.03	-.21	SAND	N1
250	1311	0.75	2.60	0.	0.	0.	0.	1	.88	.91	.78	.02	-.36	SAND	N1
250	1312 A	-3.80	2.90	-3.40	1.39	-1.60	1.36	3	-3.47	-3.3	1.96	.23	.04		N2
250	1312 B	1.00	2.78	0.	0.	0.	0.	1	1.75	3.97	4.59	.66	.69	CLAYEY SAND	S
250	1313	0.70	4.79	0.	0.	0.	0.	1	.88	.78	1.18	-.76	3.62		M
250	1314	1.10	2.80	-1.40	2.43	0.	0.	2	.19	.02	1.4	-.11	-.96		PM
250	1315	2.20	4.10	0.	0.	0.	0.	1	2.28	2.34	.92	.16	-.27	SAND	N1
250	1316	2.65	3.61	0.	0.	0.	0.	1	2.63	2.62	.54	-.06	-.25	SAND	N1
250	1317	1.75	3.40	0.	0.	0.	0.	1	1.61	1.56	.64	-.04	-.43	SAND	N1
250	1318	0.90	4.53	0.	0.	0.	0.	1	.97	.99	.81	.02	-.32	SAND	N1
250	1319	2.75	3.90	0.	0.	0.	0.	1	2.55	2.51	.56	-.01	.26	SAND	N1
250	1320	1.75	3.60	0.	0.	0.	0.	1	1.77	1.8	.51	.13	-.43	SAND	N1
250	1321	1.95	4.49	0.	0.	0.	0.	1	2.04	2.06	.4	.12	-.46	SAND	N1
250	1322	2.65	3.03	0.	0.	0.	0.	1	2.23	2.08	.79	-.33	-.19	SAND	N1
250	1323	2.30	2.63	0.	0.	0.	0.	1	2.97	3.82	2.59	.6	.55	SILTY SAND	S
250	1324 A	2.20	3.20	0.	0.	0.	0.	1	2.65	3.69	2.53	.74	1.33	SILTY SAND	S
250	1325	3.20	4.01	0.	0.	0.	0.	1	3.29	3.81	2.04	1.01	3.76	SAND	S
250	1326	3.90	3.32	0.	0.	0.	0.	1	4.42	5.23	2.3	.63	.7	SANDY SILT	S
250	1327	6.00	2.74	0.	0.	0.	0.	1	6.61	7.03	1.92	.54	1.1	SILT	N2
250	1328	5.80	1.82	0.	0.	0.	0.	1	7.45	7.85	2.4	.27	-.49	CLAYEY SILT	N2
250	1329 A	4.60	1.15	8.40	1.10	6.60	1.06	3	7.4	7.84	3.23	.14	-.52	SILTY CLAY	N2
250	1329 B	6.30	1.24	8.50	1.24	0.	0.	2	7.8	7.79	3.2	-.01	-.27	SILTY CLAY	M
250	1330	5.70	1.69	0.	0.	0.	0.	1	7.49	7.86	2.54	.3	-.28	CLAYEY SILT	N2
250	1332	4.60	1.60	8.50	1.48	6.50	1.36	3	6.99	7.11	2.53	.11	-.59	CLAYEY SILT	N2
250	1333	8.00	1.58	5.60	1.29	0.	0.	2	7.5	7.57	2.36	.11	-.67	CLAYEY SILT	N2
250	1334	4.90	2.04	0.	0.	0.	0.	1	6.44	6.94	2.36	.32	-.3	CLAYEY SILT	N2
250	1335	3.60	4.03	0.	0.	0.	0.	1	3.75	4.44	2.22	.66	1.12	SILTY SAND	S
250	1336	1.80	7.50	0.	0.	0.	0.	1	1.53	1.56	.57	.19	.76	SAND	N1
250	1337	1.55	3.48	0.	0.	0.	0.	1	1.42	1.36	.67	-.3	.82	SAND	N1
250	1338	0.55	3.53	0.	0.	0.	0.	1	.45	.44	.54	-.03	-.23	SAND	N1
250	1339	1.95	3.79	0.	0.	0.	0.	1	2.17	2.21	.47	.12	-.64	SAND	N1
250	1340	1.75	2.70	0.85	2.23	0.	0.	2	1.37	1.34	.74	-.02	-.55	SAND	N1
250	1341	1.85	2.82	0.	0.	0.	0.	1	1.79	1.78	.66	0.0	-.35	SAND	N1
250	1342	1.15	2.60	0.	0.	0.	0.	1	1.03	1.02	.78	.05	.13	SAND	N1
250	1343	1.85	4.68	0.	0.	0.	0.	1	1.96	2.01	.44	.22	.05	SAND	N1
250	1344	1.55	2.96	0.	0.	0.	0.	1	1.43	1.4	.68	-.13	-.14	SAND	N1
250	1345	1.75	2.80	0.	0.	0.	0.	1	1.79	1.78	.7	.01	-.41	SAND	N1
250	1346	3.50	7.00	0.	0.	0.	0.	1	3.34	3.3	.6	-.21	-.01	SAND	N1
250	1347	-0.60	3.33	0.	0.	0.	0.	1	-1.07	-1.25	1.37	-.11	-.53		N1
250	1348	2.75	4.30	0.	0.	0.	0.	1	2.67	2.65	.48	-.04	-.26	SAND	N1
250	1349	1.40	4.15	-1.40	0.82	0.	0.	2	1.11	.9	1.24	-.42	.65		PM
250	1350	2.75	4.80	0.	0.	0.	0.	1	2.7	2.71	.41	.08	-.42	SAND	N1
250	1351	2.55	3.65	0.	0.	0.	0.	1	2.46	2.4	.52	-.1	-.23	SAND	N1
250	1352	1.55	3.08	0.	0.	0.	0.	1	1.43	1.41	.66	-.1	-.13	SAND	N1
250	1353	1.75	4.00	0.	0.	0.	0.	1	1.75	1.78	.47	0.0	-.47	SAND	N1
250	1354	1.35	3.84	0.	0.	0.	0.	1	1.59	1.67	.55	.21	-.35	SAND	N1
250	1355 A	2.00	4.57	0.	0.	0.	0.	1	2.08	2.16	.93	.3	.97	SAND	M
250	1356	1.55	3.67	0.	0.	0.	0.	1	1.62	1.65	.53	.09	-.19	SAND	N1
250	1357	3.70	3.47	8.40	0.57	0.	0.	2	4.38	5.15	2.16	.58	.31	SANDY SILT	S
250	1358	3.40	3.68	0.	0.	0.	0.	1	3.36	3.79	2.1	.81	2.71	SILTY SAND	S
250	1359	2.50	7.50	0.	0.	0.	0.	1	2.39	2.35	.56	-.24	.32	SAND	N1
250	1360 A	1.80	3.88	0.	0.	0.	0.	1	2.28	2.68	1.69	1.08	6.05	SAND	S
250	1361	1.75	3.60	0.	0.	0.	0.	1	1.63	1.62	.58	-.08	.53	SAND	N1
250	1362	2.35	4.02	0.	0.	0.	0.	1	2.42	2.41	.48	-.08	-.19	SAND	N1
250	1363	1.75	3.20	0.	0.	0.	0.	1	1.65	1.63	.64	-.03	-.35	SAND	N1
250	1364	1.55	3.93	0.	0.	0.	0.	1	1.59	1.62	.49	.12	-.19	SAND	N1
250	1365	1.35	3.28	0.	0.	0.	0.	1	1.49	1.5	.58	-.06	-.08	SAND	N1
250	1366	1.25	3.20	0.	0.	0.	0.	1	1.25	1.24	.68	-.1	1.04	SAND	S
250	1367	3.40	3.62	0.	0.	0.	0.	1	3.15	3.27	1.54	.65	2.6	SAND	S
250	1368 A	4.70	1.19	6.30	1.07	0.	0.	2	5.2	5.83	3.3	.18	-.73	SILTY CLAY	N2
250	1368 B	10.80	7.55	0.	0.	0.	0.	1	9.92	9.8	2.56	-.1	-.38	SILTY CLAY	N2
250	1369 A	1.80	3.74	-1.40	0.80	0.	0.	2	1.12	1.1	1.31	.14	1.68		M
250	1371	2.70	5.87	0.	0.	0.	0.	1	2.89	3.03	.91	1.23	11.4	SAND	S
250	1372	1.60	4.82	0.	0.	0.	0.	1	1.76	1.86	1.05	.11	1.17	SAND	M
250	1373	0.45	2.58	0.	0.	0.	0.	1	1.0	1.08	.76	.81	-.3	SAND	N1
250	1374	1.60	6.74	0.	0.	0.	0.	1	1.7	1.78	.61	.19	-.27	SAND	N1
250	1375	0.60	5.41	0.	0.	0.	0.	1	.91	1.08	.8	.36	.48	SAND	N1
250	1376	2.15	3.61	0.	0.	0.	0.	1	2.01	1.98	.53	.01	-.65	SAND	N1
250	1377	0.75	2.64	0.	0.	0.	0.	1	.89	.93	.77	-.05	-.43	SAND	N1
250	1378	1.40	4.83	-2.00	0.79	0.	0.	2	1.01	.49	1.64	-.62	.68		PM
250	1379	1.75	3.70	0.	0.	0.	0.	1	1.69	1.66	.66	-.05	.37	SAND	N1
250	1380	0.50	3.78	-3.10	0.96	0.	0.	2	.08	-.6	1.94	-.35	-.58		PM
250	1381	1.65	3.00	0.	0.	0.	0.	1	1.69	1.71	.73	-.04	-.18	SAND	N1
250	1382 A	0.85	3.50	1.25	1.90	0.	0.	2	.95	1.06	.85	.3	-.47	SAND	M
250	1382 B	0.50	3.80	0.	0.	0.	0.	1	1.22	3.74	4.52	.58	.16	CLAYEY SAND	S
250	1383	3.50	5.80	0.	0.	0.	0.	1	3.73	4.86	2.7	.85	1.7	SILTY SAND	S
250	1384	3.25	5.20	0.	0.	0.	0.	1	3.1	3.04	.5	.08	.94	SAND	N1
250	1385	3.15	4.05	1.75	1.20	0.	0.	2	2.95	2.81	.75	-.11	.32	SAND	M
250	1386	1.75	3.10	0.	0.	0.	0.	1	2.23	2.36	.79	.39	.46	SAND	N1
250	1387	2.15	3.00	0.	0.	0.	0.	1	2.25	2.28	.58	-.02	-.34	SAND	N1

CODE #	STATION #		MODE 1	MODE 2	MODE 3	MODE 4	MODE NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1388		1.35	2.81	0.	0.	0.	0.	1	1.36	1.36	.82	-.01	-.13	SAND	N1
250	1389		2.25	3.00	0.	0.	0.	0.	1	2.25	2.26	.66	-.01	.38	SAND	N1
250	1390		2.75	3.70	0.	0.	0.	0.	1	2.26	2.63	.53	-.1	-.43	SAND	N1
250	1391		1.10	4.02	0.	0.	0.	0.	1	.92	.74	1.21	-.54	1.64		PM
250	1392		1.65	2.96	0.	0.	0.	0.	1	1.56	1.58	.71	.06	.04	SAND	N1
250	1393		2.75	4.20	0.	0.	0.	0.	1	2.26	2.65	.51	.03	-.18	SAND	N1
250	1394		1.50	2.89	-3.20	1.71	0.	0.	2	.34	.56	2.38	-.12	-1.43		PM
250	1395		1.25	2.30	0.	0.	0.	0.	1	1.19	1.13	.86	-.04	-.42	SAND	N1
250	1396		2.35	3.51	0.	0.	0.	0.	1	2.52	2.54	.56	.04	-.24	SAND	N1
250	1397		1.65	3.25	0.	0.	0.	0.	1	1.74	1.82	.65	.37	.67	SAND	N1
250	1398		1.45	3.23	0.	0.	0.	0.	1	1.66	1.72	.65	.11	-.09	SAND	N1
250	1399		2.20	3.68	0.	0.	0.	0.	1	1.56	1.54	.94	-.06	-.9	SAND	N1
250	1400		2.40	3.14	0.	0.	0.	0.	1	2.03	2.05	1.34	.15	-.14	SAND	N2
250	1407		0.70	2.84	-5.50	0.62	0.	0.	2	.81	.42	2.09	-.74	2.07		PM
250	1408		1.75	2.50	0.85	2.43	0.	0.	2	1.57	1.6	.79	.2	-.09	SAND	N1
250	1409		3.25	3.60	0.	0.	0.	0.	1	3.38	3.4	.56	-.03	-.48	SAND	N1
250	1410		1.90	3.97	0.	0.	0.	0.	1	1.69	1.64	.93	-.16	-.41	SAND	N1
250	1411		0.45	3.84	0.	0.	0.	0.	1	.66	.72	.53	.24	.46	SAND	N1
250	1412		-4.00	2.80	0.50	2.69	0.	0.	2	-3.01	-1.92	2.38	.14	-1.55		PM
250	1415		1.70	5.00	0.	0.	0.	0.	1	1.96	2.09	0.84	0.29	0.02	SAND	
250	1416		2.65	9.92	0.	0.	0.	0.	1	2.56	2.57	0.40	0.32	2.14	SAND	
250	1417		0.60	4.01	0.	0.	0.	0.	1	0.65	0.67	0.96	0.08	-0.19	SAND	
250	1418		2.55	9.14	0.	0.	0.	0.	1	2.56	2.60	0.46	0.51	2.23	SAND	
250	1419		2.75	9.00	0.	0.	0.	0.	1	2.81	2.80	0.47	-0.02	0.66	SAND	
250	1420		2.50	5.30	0.	0.	0.	0.	1	2.59	2.60	0.79	-0.04	-0.12	SAND	
250	1421		1.50	6.40	0.	0.	0.	0.	1	1.41	1.39	0.67	-0.09	0.10	SAND	
250	1422		1.20	4.86	0.	0.	0.	0.	1	1.17	1.19	0.77	0.12	-0.20	SAND	
250	1423		2.40	4.73	0.	0.	0.	0.	1	2.33	2.36	0.81	0.07	-0.44	SAND	
250	1424		3.15	9.29	0.	0.	0.	0.	1	2.99	2.97	0.44	0.03	0.33	SAND	
250	1425		1.40	5.11	0.	0.	0.	0.	1	1.24	1.24	0.75	0.02	-0.38	SAND	
250	1426		1.75	7.50	0.	0.	0.	0.	1	1.75	1.79	0.50	0.18	-0.30	SAND	
250	1427		1.55	6.84	0.	0.	0.	0.	1	1.47	1.47	0.58	0.01	-0.06	SAND	
250	1428	A	1.35	7.23	0.	0.	0.	0.	1	1.54	1.59	0.56	0.19	-0.04	SAND	
250	1429		2.55	6.90	0.	0.	0.	0.	1	2.35	2.37	0.51	0.15	-0.27	SAND	
250	1430		2.50	6.40	0.	0.	0.	0.	1	2.42	2.41	0.68	-0.01	0.31	SAND	
250	1431		2.65	6.49	0.	0.	0.	0.	1	2.61	2.63	0.57	0.14	0.06	SAND	
250	1432		2.70	5.63	0.	0.	0.	0.	1	2.88	2.93	0.64	0.05	-0.63	SAND	
250	1433		3.10	5.33	0.	0.	0.	0.	1	3.01	3.02	0.68	-0.17	0.64	SAND	
250	1434		3.25	12.00	0.	0.	0.	0.	1	3.19	3.19	0.36	0.09	0.41	SAND	
250	1435		1.35	6.09	0.	0.	0.	0.	1	1.53	1.57	0.61	0.15	-0.47	SAND	
250	1436		2.65	8.00	0.	0.	0.	0.	1	2.50	2.48	0.49	-0.01	-0.35	SAND	
250	1437		1.10	4.66	0.	0.	0.	0.	1	1.17	1.25	0.90	0.23	0.94	SAND	
250	1438		2.75	9.20	0.	0.	0.	0.	1	2.73	2.71	0.48	0.00	0.41	SAND	
250	1439		1.60	5.97	0.	0.	0.	0.	1	1.79	1.89	0.71	0.33	0.75	SAND	
250	1440		2.00	5.11	0.	0.	0.	0.	1	2.01	2.03	0.72	0.17	0.99	SAND	
250	1441	A	2.40	6.50	0.	0.	0.	0.	1	2.33	2.31	0.67	0.13	1.17	SAND	
250	1442		2.65	6.63	2.05	5.88	0.	0.	2	2.37	2.38	0.54	0.11	-0.47	SAND	
250	1443	A	2.60	5.16	0.	0.	0.	0.	1	2.76	2.78	0.77	-0.03	-0.10	SAND	
250	1444		1.20	4.20	0.	0.	0.	0.	1	1.23	1.27	0.86	0.09	-0.53	SAND	
250	1445		2.00	3.37	0.	0.	0.	0.	1	1.59	1.62	1.03	0.16	-0.09	SAND	
250	1446		1.40	4.22	0.	0.	0.	0.	1	1.40	1.44	0.85	0.05	-0.67	SAND	
250	1447		1.85	6.48	2.65	6.05	0.	0.	2	2.29	2.34	0.59	0.37	0.86	SAND	
250	1448		2.40	6.15	0.	0.	0.	0.	1	2.32	2.29	0.67	-0.09	-0.13	SAND	
250	1449		2.40	5.97	0.	0.	0.	0.	1	2.23	2.22	0.69	0.17	1.02	SAND	
250	1450		2.45	6.10	2.05	6.00	0.	0.	2	2.25	2.23	0.59	-0.16	0.52	SAND	
250	1451		1.50	4.20	0.	0.	0.	0.	1	1.45	1.45	0.89	-0.11	0.06	SAND	
250	1452		1.75	5.20	0.85	4.72	0.	0.	2	1.61	1.60	0.70	0.09	-0.71	SANDY CLAY	
250	1453		2.65	7.82	0.	0.	0.	0.	1	2.45	2.40	0.51	-0.08	-0.74	SAND	
250	1454		2.30	4.67	0.	0.	0.	0.	1	1.96	1.88	0.85	-0.17	-0.56	SAND	
250	1455		-0.15	8.69	0.	0.	0.	0.	1	0.03	0.10	0.50	0.33	0.62	SAND	
250	1456		0.40	3.70	0.	0.	0.	0.	1	0.57	0.67	1.04	0.14	-0.59	SAND	
250	1457		1.70	5.43	0.	0.	0.	0.	1	1.83	1.86	0.70	-0.06	0.09	SAND	
250	1458		-0.30	4.49	0.	0.	0.	0.	1	0.11	0.30	0.99	0.37	0.26	SAND	
250	1459		0.25	11.00	0.	0.	0.	0.	1	0.42	0.50	0.48	0.30	1.01	SAND	
250	1460		2.50	7.50	0.	0.	0.	0.	1	2.40	2.37	0.56	-0.21	0.23	SAND	
250	1461		2.40	5.83	0.	0.	0.	0.	1	2.21	2.19	0.66	-0.06	-0.47	SAND	
250	1462		2.20	5.02	0.	0.	0.	0.	1	2.12	2.15	0.72	0.08	-0.42	SAND	
250	1463		2.80	4.96	0.	0.	0.	0.	1	2.85	2.84	0.76	-0.16	0.11	SAND	
250	1464		3.05	7.26	0.	0.	0.	0.	1	2.88	2.85	0.55	-0.08	0.18	SAND	
250	1465	A	-0.10	4.30	0.	0.	0.	0.	1	0.14	0.25	0.94	0.29	0.10	SAND	
250	1466		1.30	3.74	0.	0.	0.	0.	1	1.31	1.33	0.97	0.01	-0.50	SAND	
250	1467		2.40	5.62	0.	0.	0.	0.	1	2.22	2.21	0.69	-0.02	-0.36	SAND	
250	1468		1.40	4.40	3.40	2.20	0.	0.	2	1.59	1.82	1.13	0.19	-0.75	SAND	
250	1469		0.70	4.85	0.	0.	0.	0.	1	0.95	1.01	0.79	0.14	-0.34	SAND	
250	1470		2.65	7.97	0.	0.	0.	0.	1	2.49	2.48	0.51	0.15	0.47	SAND	
250	1471		1.20	4.25	0.	0.	0.	0.	1	1.23	1.27	0.86	0.12	-0.43	SAND	
250	1472		1.90	4.80	0.	0.	0.	0.	1	1.89	1.89	0.75	-0.07	-0.41	SAND	
250	1473		2.10	5.17	0.	0.	0.	0.	1	1.99	1.99	0.68	-0.03	-0.60	SAND	
250	1474		2.40	6.00	0.	0.	0.	0.	1	2.16	2.14	0.64	-0.10	-0.52	SAND	
250	1475		1.00	4.01	0.	0.	0.	0.	1	1.25	1.30	0.89	0.09	-0.61	SAND	
250	1476		1.40	5.14	0.	0.	0.	0.	1	1.30	1.32	0.77	0.07	-0.25	SAND	
250	1477		2.40	6.23	0.	0.	0.	0.	1	2.27	2.22	0.65	-0.18	-0.23	SAND	
250	1478		1.00	3.88	0.	0.	0.	0.	1	1.30	1.36	0.89	0.06	-0.73	SAND	
250	1479		1.70	5.14	0.	0.	0.	0.	1	1.82	1.83	0.74	-0.09	-0.09	SAND	
250	1480		2.65	7.28	1.85	5.70	0.	0.	2	2.39	2.37	0.52	0.02	-0.71	SAND	
250	1481		1.75	5.40	0.95	4.50	0.	0.	2	1.57	1.57	0.69	0.03	-0.49	SAND	
250	1482		1.85	5.68	0.	0.	0.	0.	1	1.86	1.84	0.63	-0.07	-0.61	SAND	
250	1483		2.65	7.31	0.	0.	0.	0.	1	2.42	2.38	0.53	-0.09	-0.63	SAND	
250	1484		1.95	6.04	0.	0.	0.	0.	1	1.93	1.89	0.65	-0.17	-0.29	SAND	
250	1485		1.80	5.44	0.	0.	0.	0.	1	1.93	1.97	0.65	0.03	-0.62	SAND	

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1486 A	2:40	4:97	0:	0:	0:	0:	1	2:16	2:11	0:83	-0:12	0:28	SAND	
250	1487	1:50	4:90	0:	0:	0:	0:	1	1:83	1:89	0:81	-0:04	-0:37	SAND	
250	1488 A	2:50	7:50	0:	0:	0:	0:	1	2:03	2:06	0:69	0:16	1:51	SAND	
250	1489	1:80	4:83	0:	0:	0:	0:	1	1:88	1:88	0:76	-0:11	-0:13	SAND	
250	1490	1:35	5:10	2:15	4:99	3:15	1:22	3	1:69	1:72	0:74	0:09	-0:31	SAND	
250	1491	1:55	5:12	0:	0:	0:	0:	1	1:89	1:65	0:74	0:18	-0:38	SAND	
250	1492	0:70	4:88	0:	0:	0:	0:	1	0:97	1:03	0:77	0:15	-0:37	SAND	
250	1493	1:90	4:68	0:	0:	0:	0:	1	1:85	1:83	0:79	-0:14	-0:24	SAND	
250	1494	1:50	4:40	0:	0:	0:	0:	1	1:42	1:43	0:92	0:04	-0:22	SAND	
250	1495	0:70	4:94	0:	0:	0:	0:	1	1:00	1:15	0:89	0:38	0:39	SAND	
250	1496	3:05	8:29	0:	0:	0:	0:	1	2:85	2:84	0:43	-0:11	-0:69	SAND	
250	1497	1:70	5:45	0:	0:	0:	0:	1	1:86	1:90	0:67	0:07	-0:54	SAND	
250	1498	2:65	6:79	0:	0:	0:	0:	1	2:39	2:38	0:53	0:03	-0:66	SAND	
250	1499	3:15	9:72	0:	0:	0:	0:	1	2:99	2:93	0:44	-0:14	-0:08	SAND	
250	1500	1:80	4:70	0:	0:	0:	0:	1	1:52	1:54	0:84	0:03	-0:42	SAND	
250	1501	2:30	5:50	0:	0:	0:	0:	1	2:18	2:18	0:70	0:06	0:03	SAND	
250	1502	1:90	5:04	0:	0:	0:	0:	1	1:96	1:97	0:69	-0:00	-0:56	SAND	
250	1503 A	1:40	4:13	0:	0:	0:	0:	1	1:47	1:89	1:93	1:47	9:94	SAND	
250	1504	2:40	5:91	0:	0:	0:	0:	1	2:15	2:13	0:64	-0:09	-0:54	SAND	
250	1505	0:60	5:19	0:	0:	0:	0:	1	0:95	1:12	0:85	0:30	-0:14	SAND	
250	1506	0:60	4:86	0:	0:	0:	0:	1	0:96	1:12	0:93	0:37	0:66	SAND	
250	1507	2:00	4:37	0:	0:	0:	0:	1	2:07	2:10	0:84	0:04	-0:39	SAND	
250	1508 A	2:50	5:85	0:	0:	0:	0:	1	2:40	2:40	0:73	0:09	0:20	SAND	
250	1509 A	2:70	5:50	0:	0:	0:	0:	1	2:89	2:94	0:67	0:03	-0:20	SAND	
250	1510	0:60	4:63	0:	0:	0:	0:	1	1:10	1:28	0:93	0:21	-0:67	SAND	
250	1511	0:90	3:92	0:	0:	0:	0:	1	1:28	1:34	0:90	0:09	-0:68	SAND	
250	1512	1:50	4:40	0:	0:	0:	0:	1	1:50	1:52	0:85	0:02	-0:60	SAND	
250	1513	2:30	5:50	0:	0:	0:	0:	1	2:11	2:11	0:68	0:08	0:25	SAND	
250	1514 A	3:10	3:81	0:	0:	0:	0:	1	2:61	2:50	1:06	-0:36	0:44	SAND	
250	1515	3:50	3:90	0:	0:	0:	0:	1	4:03	6:58	5:15	0:75	1:12	SAN SIL CLY	
250	1516	2:60	3:05	0:	0:	0:	0:	1	3:83	6:53	5:36	0:67	0:63	CLAYEY SAND	
250	1517	2:95	8:41	0:	0:	0:	0:	1	2:92	2:88	0:49	-0:24	0:80	SAND	
250	1518	2:50	3:05	0:	0:	0:	0:	1	3:57	6:76	5:95	0:60	0:23	CLAYEY SAND	
250	1519	2:80	4:36	0:	0:	0:	0:	1	3:17	4:86	4:72	1:22	4:80	SAND	
250	1520	3:40	4:18	0:	0:	0:	0:	1	3:49	5:68	4:86	0:87	1:87	CLAYEY SAND	
250	1521	1:70	3:35	0:	0:	0:	0:	1	1:92	1:98	1:08	0:06	-0:70	SAND	
250	1522	1:50	4:50	0:	0:	0:	0:	1	1:42	1:45	0:83	0:03	-0:57	SAND	
250	1523	3:40	3:86	1:80	2:60	0:	0:	2	2:69	2:56	1:07	-0:16	-0:77	SAND	
250	1524	1:50	4:75	0:	0:	0:	0:	1	1:43	1:47	0:83	0:10	-0:37	SAND	
250	1525	0:90	4:91	0:	0:	0:	0:	1	1:05	1:12	0:75	0:15	-0:42	SAND	
250	1526	2:60	4:84	0:	0:	0:	0:	1	2:67	2:67	0:81	-0:08	-0:30	SAND	
250	1527	1:30	4:38	0:	0:	0:	0:	1	1:30	1:36	0:84	0:13	-0:53	SAND	
250	1528	1:50	5:60	0:	0:	0:	0:	1	1:42	1:45	0:78	0:27	1:41	SAND	
250	1529	1:60	5:00	0:	0:	0:	0:	1	1:98	2:12	0:85	0:28	-0:17	SAND	
250	1530	1:65	5:57	0:95	5:54	0:	0:	2	1:41	1:47	0:66	0:27	-0:13	SAND	
250	1531	0:95	6:46	0:	0:	0:	0:	1	1:29	1:38	0:65	0:50	1:43	SAND	
250	1532	1:50	6:20	0:	0:	0:	0:	1	1:61	1:66	0:71	0:29	1:65	SAND	
250	1533	0:80	4:01	0:	0:	0:	0:	1	1:24	1:47	1:17	0:44	0:35	SAND	
250	1534	1:70	3:95	0:	0:	0:	0:	1	1:82	1:87	1:00	0:12	-0:14	SAND	
250	1535	0:80	4:64	0:	0:	0:	0:	1	1:09	1:23	0:91	0:41	0:93	SAND	
250	1536	1:85	6:46	4:05	1:53	0:	0:	2	2:31	2:52	0:83	0:31	-0:59	SAND	
250	1537 A	2:05	6:66	4:15	0:64	0:	0:	2	2:29	2:43	0:68	0:38	0:11	SAND	
250	1538 A	0:35	10:10	0:	0:	0:	0:	1	0:45	0:53	0:49	0:74	4:41	SAND	
250	1539	0:45	7:38	0:	0:	0:	0:	1	0:67	0:78	0:61	0:46	0:90	SAND	
250	1540	1:30	4:52	0:	0:	0:	0:	1	1:25	1:35	0:92	0:39	1:13	SAND	
250	1541	3:50	3:50	1:70	2:08	0:	0:	2	3:12	3:30	2:08	0:96	4:77	SAND	
250	1542	4:10	2:88	1:50	1:60	0:	0:	2	3:63	3:92	2:89	0:92	3:78	SILTY SAND	
250	1543	0:75	5:40	1:75	3:80	3:15	0:61	3	1:08	1:22	0:81	0:26	-0:35	SAND	
250	1544	0:60	5:66	0:	0:	0:	0:	1	0:83	0:94	0:78	0:22	0:67	SAND	
250	1545 A	1:30	5:22	0:	0:	0:	0:	1	1:12	1:12	0:72	0:08	0:03	SAND	
250	1546	1:40	4:95	0:	0:	0:	0:	1	1:28	1:32	0:78	0:11	-0:36	SAND	
250	1547	2:35	7:73	0:	0:	0:	0:	1	2:37	2:38	0:50	0:11	0:05	SAND	
250	1548	0:50	6:70	0:	0:	0:	0:	1	0:69	0:81	0:71	0:47	1:38	SAND	
250	1549	0:60	5:51	0:	0:	0:	0:	1	0:90	1:00	0:75	0:28	0:12	SAND	
250	1550	3:50	5:20	0:60	2:16	0:	0:	2	3:10	2:88	1:36	-0:31	-1:00	SAND	
250	1551	2:50	6:25	0:	0:	0:	0:	1	2:43	2:40	0:73	-0:13	0:57	SAND	
250	1552	3:25	10:40	0:	0:	0:	0:	1	3:06	3:00	0:46	-0:16	0:60	SAND	
250	1553	2:50	4:80	0:	0:	0:	0:	1	2:48	2:45	0:86	-0:15	-0:20	SAND	
250	1554	0:60	4:56	0:	0:	0:	0:	1	0:91	1:03	0:99	0:25	0:27	SAND	
250	1555	0:90	2:80	2:00	2:72	0:	0:	2	1:73	1:78	1:19	0:07	-0:75	SAND	
250	1556	0:60	2:92	2:50	2:70	0:	0:	2	1:90	1:86	1:33	0:05	-0:94	SAND	
250	1557	1:60	2:95	0:	0:	0:	0:	1	1:94	2:08	1:33	0:13	-0:65	SAND	
250	1558	0:70	2:91	0:	0:	0:	0:	1	1:71	1:85	1:33	0:18	-0:63	SAND	
250	1559	1:40	5:26	0:	0:	0:	0:	1	1:25	1:26	0:75	0:08	-0:15	SAND	
250	1560	2:70	4:61	0:	0:	0:	0:	1	2:86	2:88	0:85	0:00	-0:14	SAND	
250	1561	4:40	2:83	9:50	0:70	0:	0:	2	5:01	6:70	3:63	0:54	0:01	SAN SIL CLY	
250	1562	3:50	2:90	9:20	0:72	0:	0:	2	4:08	5:30	3:07	0:57	0:39	SAN SIL CLY	
250	1563	2:55	6:71	0:	0:	0:	0:	1	2:44	2:46	0:56	0:22	0:11	SAND	
250	1564	1:30	4:04	0:	0:	0:	0:	1	1:37	1:42	0:92	0:18	0:14	SAND	
250	1565	1:30	4:19	0:	0:	0:	0:	1	1:25	1:28	0:88	0:07	-0:41	SAND	
250	1566	2:40	3:64	0:	0:	0:	0:	1	2:46	2:95	2:13	1:08	5:01	SAND	
250	1567	4:50	3:17	9:40	0:66	7:50	0:54	3	5:09	6:23	3:16	0:50	0:41	CLAYEY SILT	
250	1568	4:30	2:55	9:50	0:90	0:	0:	2	4:30	5:08	3:18	0:53	0:64	SILTY SAND	
250	1569	4:30	2:07	0:50	1:60	0:	0:	2	3:77	4:34	4:06	0:66	1:31	SILTY SAND	
250	1570	3:30	2:12	9:60	0:78	0:	0:	2	3:51	4:27	3:12	0:58	0:73	SILTY SAND	
250	1571	3:50	1:70	0:70	1:55	0:	0:	2	3:23	4:08	3:83	0:68	1:33	SILTY SAND	
250	1572	1:20	1:93	0:	0:	0:	0:	1	2:67	4:19	4:46	0:73	1:32	SILTY SAND	
250	1573	2:60	3:12	0:	0:	0:	0:	1	2:95	3:87	3:19	0:93	2:88	SAND	
250	1574	2:70	2:13	4:20	2:07	0:	0:	2	3:42	4:18	3:36	0:88	2:80	SILTY SAND	
250	1575	2:50	3:80	0:	0:	0:	0:	1	2:68	3:80	3:21	0:94	2:81	SILTY SAND	

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1576	1.80	2.23	4.10	1.26	0.	0.	2	3.34	4.80	4.22	0.78	1.55	SILTY SAND	
250	1580 A	4.20	2.04	9.50	0.51	0.	0.	2	4.69	6.45	4.32	0.63	0.53	SAN SIL CLY	
250	1581	2.25	7.70	0.	0.	0.	0.	1	2.32	2.34	0.50	0.17	0.05	SAND	
250	1583 A	1.70	5.11	0.	0.	0.	0.	1	1.88	1.92	0.79	0.21	1.37	SAND	
250	1584	2.30	5.61	0.	0.	0.	0.	1	2.15	2.14	0.72	0.17	1.09	SAND	
250	1585	1.50	5.90	0.	0.	0.	0.	1	1.60	1.68	0.73	0.01	0.10	SAND	
250	1586 A	4.50	2.30	9.50	1.05	0.	0.	2	5.50	7.13	4.00	0.46	-0.21	SAN SIL CLY	
250	1587	1.50	4.20	0.	0.	0.	0.	1	1.51	1.83	0.90	0.04	-0.49	SAND	
250	1588	1.50	6.35	0.	0.	0.	0.	1	1.50	1.51	0.70	0.04	0.39	SAND	
250	1589	2.40	2.51	9.50	0.57	0.	0.	2	2.93	3.90	3.10	0.71	1.28	SILTY SAND	
250	1590	2.65	6.29	4.25	0.80	0.	0.	2	2.66	2.69	0.64	0.16	0.21	SAND	
250	1591	2.10	4.93	0.	0.	0.	0.	1	1.99	1.93	0.83	-0.42	1.38	SAND	
250	1592	4.60	2.51	9.50	1.90	0.	0.	2	5.72	6.79	2.96	0.31	-0.65	CLAYEY SILT	
250	1593	2.15	7.24	0.	0.	0.	0.	1	2.26	2.33	0.56	0.46	1.54	SAND	
250	1594	1.70	5.36	0.	0.	0.	0.	1	1.91	1.97	0.68	0.09	-0.52	SAND	
250	1595	3.50	3.10	0.	0.	0.	0.	1	3.96	5.45	3.67	0.76	1.26	SILTY SAND	
250	1596	2.45	6.18	0.	0.	0.	0.	1	2.40	2.41	0.58	0.15	-0.04	SAND	
250	1597 A	4.50	2.66	9.60	0.50	0.	0.	2	5.21	6.99	4.02	0.61	0.45	CLAYEY SILT	
250	1598	3.05	5.93	0.	0.	0.	0.	1	2.96	2.98	0.66	0.08	-0.42	SAND	
250	1599	4.50	2.90	9.50	0.53	0.	0.	2	5.10	6.71	3.73	0.59	0.36	CLAYEY SILT	
250	1600	2.40	5.65	0.	0.	0.	0.	1	2.23	2.18	0.70	-0.11	-0.26	SAND	
250	1601 A	2.35	8.54	4.25	2.00	0.	0.	2	2.51	2.67	0.68	0.58	0.89	SAND	
250	1602	3.70	2.73	0.	0.	0.	0.	1	4.00	5.37	4.09	0.95	2.66	SILTY SAND	
250	1603	2.70	2.39	5.10	1.32	0.	0.	2	3.67	4.83	3.63	0.88	2.38	SILTY SAND	
250	1604	2.65	6.86	4.25	1.80	0.	0.	2	2.70	2.79	0.68	0.32	0.12	SAND	
250	1605	2.50	6.30	0.	0.	0.	0.	1	2.34	2.32	0.69	0.11	0.87	SAND	
250	1606	2.60	5.60	0.	0.	0.	0.	1	2.86	2.94	0.74	0.09	0.47	SAND	
250	1607	2.25	8.80	0.	0.	0.	0.	1	2.34	2.39	0.52	0.50	2.09	SAND	
250	1608	4.40	2.79	0.	0.	0.	0.	1	4.41	5.70	3.83	0.81	1.67	SANDY SILT	
250	1609	2.75	7.80	4.25	1.40	0.	0.	2	2.68	2.71	0.67	0.27	0.28	SAND	
250	1610	1.85	7.12	4.25	1.40	0.	0.	2	2.25	2.45	0.77	0.44	0.08	SAND	
250	1611	2.30	4.88	4.30	0.55	0.	0.	2	2.25	2.29	0.90	0.18	0.96	SAND	
250	1612	2.50	6.65	0.	0.	0.	0.	1	2.38	2.35	0.65	-0.05	0.44	SAND	
250	1613	3.15	7.40	4.15	2.04	0.	0.	2	3.07	3.11	0.59	0.17	-0.19	SAND	
250	1614	3.50	4.30	0.	0.	0.	0.	1	3.70	4.80	3.06	1.00	3.14	SILTY SAND	
250	1615	3.40	4.01	0.	0.	0.	0.	1	3.64	4.91	3.44	1.03	3.22	SILTY SAND	
250	1616	3.15	7.01	4.25	2.00	0.	0.	2	2.99	3.01	0.64	0.16	-0.17	SAND	
250	1617 A	4.50	2.94	0.	0.	0.	0.	1	5.07	6.83	4.08	0.63	0.57	CLAYEY SILT	
250	1618	3.50	4.70	0.	0.	0.	0.	1	3.92	5.30	3.40	0.95	2.54	SILTY SAND	
250	1619	4.40	3.23	0.	0.	0.	0.	1	4.77	6.48	3.80	0.71	0.90	SAN SIL CLY	
250	1620	2.50	2.80	0.	0.	0.	0.	1	2.34	2.34	1.25	-0.00	-0.72	SAND	
250	1621	1.10	4.41	0.	0.	0.	0.	1	1.20	1.26	0.84	0.15	-0.35	SAND	
250	1622	4.50	3.57	9.50	0.65	0.	0.	2	4.89	6.48	3.46	0.64	0.55	CLAYEY SILT	
250	1623	4.50	3.92	0.	0.	0.	0.	1	4.92	6.50	3.43	0.69	0.79	CLAYEY SILT	
250	1624 A	3.50	5.40	0.	0.	0.	0.	1	3.44	3.52	1.81	0.79	6.10	SAND	
250	1625	3.60	5.22	0.	0.	0.	0.	1	3.76	4.35	2.32	1.28	6.18	SILTY SAND	
250	1626	4.50	4.44	0.	0.	0.	0.	1	4.66	6.11	3.52	0.88	2.05	SANDY SILT	
250	1627	4.50	4.95	0.	0.	0.	0.	1	4.73	6.08	3.27	0.87	1.93	CLAYEY SILT	
250	1628	4.50	3.16	0.	0.	0.	0.	1	4.99	6.65	3.83	0.64	0.57	CLAYEY SILT	
250	1629	1.60	6.60	0.	0.	0.	0.	1	1.68	1.79	0.74	0.70	4.10	SAND	
250	1630	3.40	3.21	0.	0.	0.	0.	1	3.71	5.33	4.41	0.93	2.60	SILTY SAND	
250	1631	3.70	3.78	0.	0.	0.	0.	1	4.26	5.76	3.68	0.90	2.16	SILTY SAND	
250	1632	4.60	2.69	7.30	0.72	9.70	0.64	3	5.92	7.75	4.05	0.51	-0.10	CLAYEY SILT	
250	1633	5.20	2.05	9.70	0.79	0.	0.	2	6.75	8.06	3.54	0.38	-0.47	CLAYEY SILT	
250	1634	4.70	2.21	9.70	0.72	0.	0.	2	6.63	7.84	3.38	0.39	-0.51	CLAYEY SILT	
250	1635	5.20	1.97	9.60	0.89	0.	0.	2	6.95	7.96	3.23	0.34	-0.58	CLAYEY SILT	
250	1636	3.60	2.61	0.70	1.25	0.	0.	2	3.57	4.26	3.46	0.81	2.31	SILTY SAND	
250	1637	3.90	4.70	0.	0.	0.	0.	1	3.98	4.27	1.59	1.30	7.62	SILTY SAND	
250	1638	5.20	1.90	9.90	0.70	0.	0.	2	7.14	8.63	3.98	0.36	-0.60	CLAYEY SILT	
250	1639	5.20	1.78	9.70	0.69	0.	0.	2	7.07	8.53	4.05	0.35	-0.64	CLAYEY SILT	
250	1641	1.60	2.74	3.30	2.24	0.	0.	2	2.83	3.82	3.54	1.07	3.97	SAND	
250	1642	1.70	4.68	0.	0.	0.	0.	1	2.01	2.12	0.89	0.36	0.54	SAND	
250	1643	4.00	1.94	1.70	0.62	0.	0.	2	4.87	7.05	5.29	0.59	0.42	SAN SIL CLY	
250	1644	4.50	2.22	0.	0.	0.	0.	1	5.35	7.37	4.81	0.54	0.20	SAN SIL CLY	
250	1645	4.40	1.94	0.	0.	0.	0.	1	4.95	7.13	5.35	0.58	0.34	SAN SIL CLY	
250	1647	4.60	2.03	9.50	1.48	11.60	0.56	3	6.72	7.88	3.79	0.32	-0.47	CLAYEY SILT	
250	1648	4.50	2.29	6.50	0.96	8.40	0.78	4	7.37	8.61	4.49	0.36	-0.56	SILTY CLAY	
250	1649	3.40	2.25	5.40	1.73	0.	0.	2	4.66	6.11	4.16	0.74	1.18	SAN SIL CLY	
250	1650	2.50	6.00	0.	0.	0.	0.	1	2.50	2.52	0.78	0.13	0.61	SAND	
250	1653	4.40	1.54	2.70	1.22	9.30	1.01	4	5.14	6.19	3.59	0.21	-0.91	SAN SIL CLY	
250	1654	2.50	6.00	0.	0.	0.	0.	1	2.32	2.26	0.74	-0.15	0.42	SAND	
250	1655	4.50	1.65	9.50	1.04	0.	0.	2	6.22	7.25	4.14	0.26	-0.55	SAN SIL CLY	
250	1656	2.50	7.00	0.	0.	0.	0.	1	2.54	2.58	0.66	0.19	1.24	SAND	
250	1657 A	1.60	5.74	0.	0.	0.	0.	1	1.75	1.82	0.75	0.21	1.02	SAND	
250	1658	1.90	3.45	4.40	1.24	0.	0.	2	2.49	3.46	2.81	1.00	3.46	SILTY SAND	
250	1659	1.10	4.66	0.	0.	0.	0.	1	1.15	1.20	0.81	0.19	-0.01	SAND	
250	1660	1.30	4.74	0.	0.	0.	0.	1	1.18	1.18	0.81	-0.02	0.39	SAND	
250	1661	1.50	5.10	0.	0.	0.	0.	1	1.38	1.40	0.78	0.05	-0.35	SAND	
250	1662	1.40	4.95	0.	0.	0.	0.	1	1.26	1.27	0.79	0.06	-0.24	SAND	
250	1663	1.50	5.60	0.	0.	0.	0.	1	1.45	1.46	0.75	0.04	-0.12	SAND	
250	1664	0.90	4.38	0.	0.	0.	0.	1	1.15	1.21	0.84	0.14	-0.44	SAND	
250	1665	1.90	5.23	0.	0.	0.	0.	1	1.92	1.95	0.67	0.01	-0.61	SAND	
250	1666	1.00	4.29	0.	0.	0.	0.	1	1.21	1.28	0.85	0.12	-0.56	SAND	
250	1667	1.40	4.23	0.	0.	0.	0.	1	1.29	1.21	0.87	-0.01	-0.55	SAND	
250	1668	0.60	4.51	0.	0.	0.	0.	1	0.76	0.86	0.97	0.13	-0.19	SAND	
250	1669	1.10	4.39	0.	0.	0.	0.	1	1.16	1.21	0.83	0.12	-0.39	SAND	
250	1670	1.50	4.60	0.	0.	0.	0.	1	1.43	1.43	0.84	-0.00	-0.47	SAND	
250	1671	1.40	4.94	0.	0.	0.	0.	1	1.29	1.29	0.82	0.07	-0.06	SAND	
250	1672	1.20	4.54	0.	0.	0.	0.	1	1.23	1.29	0.82	0.15	-0.32	SAND	
250	1673	2.50	7.10	0.	0.	0.	0.	1	2.52	2.53	0.64	-0.09	1.26	SAND	

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1674	2.40	3.62	0.60	3.35	0.	0.	2	1.65	1.62	1.05	0.01	-1.01	SAND	
250	1675	2.65	8.34	0.	0.	0.	0.	1	2.46	2.43	0.47	-0.09	-0.64	SAND	
250	1676	2.35	8.11	0.	0.	0.	0.	1	2.39	2.38	0.44	-0.05	-0.65	SAND	
250	1677	1.60	5.42	0.	0.	0.	0.	1	1.65	1.68	0.74	-0.01	-0.33	SAND	
250	1678	0.70	4.89	0.	0.	0.	0.	1	0.93	1.03	0.82	0.18	-0.37	SAND	
250	1679	1.50	4.90	0.	0.	0.	0.	1	1.46	1.47	0.82	0.01	-0.36	SAND	
250	1680	2.40	5.41	0.	0.	0.	0.	1	2.33	2.32	0.75	-0.01	-0.29	SAND	
250	1681	1.50	5.20	0.	0.	0.	0.	1	1.42	1.41	0.80	-0.01	-0.21	SAND	
250	1682	1.50	5.70	0.	0.	0.	0.	1	1.48	1.49	0.74	0.00	-0.08	SAND	
250	1683	2.40	5.25	0.	0.	0.	0.	1	2.26	2.26	0.75	-0.04	0.10	SAND	
250	1684	1.60	4.62	0.	0.	0.	0.	1	1.63	1.63	0.83	-0.05	-0.46	SAND	
250	1685	0.90	4.18	0.	0.	0.	0.	1	1.22	1.30	0.87	0.12	-0.65	SAND	
250	1686	0.90	4.09	0.	0.	0.	0.	1	1.20	1.27	0.89	0.13	-0.55	SAND	
250	1687	1.60	5.33	0.	0.	0.	0.	1	1.66	1.69	0.74	-0.02	-0.36	SAND	
250	1688	1.60	3.81	0.	0.	0.	0.	1	1.55	1.57	0.89	0.01	-0.80	SAND	
250	1689	2.65	6.92	0.	0.	0.	0.	1	2.46	2.43	0.55	-0.02	-0.59	SAND	
250	1690	0.70	5.13	0.	0.	0.	0.	1	0.95	1.02	0.76	0.22	0.00	SAND	
250	1691	1.50	6.35	0.	0.	0.	0.	1	1.61	1.65	0.67	0.11	0.07	SAND	
250	1692	1.20	4.86	0.	0.	0.	0.	1	1.10	1.13	0.74	0.07	-0.41	SAND	
250	1693	0.70	4.87	0.	0.	0.	0.	1	1.00	1.10	0.81	0.22	-0.22	SAND	
250	1694	0.70	5.10	0.	0.	0.	0.	1	0.96	1.05	0.78	0.24	-0.08	SAND	
250	1695	0.50	5.80	0.	0.	0.	0.	1	0.66	0.73	0.78	0.34	1.43	SAND	
250	1696	0.60	4.51	0.	0.	0.	0.	1	0.79	0.92	1.03	0.26	0.24	SAND	
250	1697	1.20	4.60	0.	0.	0.	0.	1	1.18	1.24	0.80	0.14	-0.37	SAND	
250	1698	1.50	6.50	0.	0.	0.	0.	1	1.44	1.45	0.66	0.04	0.22	SAND	
250	1699	1.40	5.11	0.	0.	0.	0.	1	1.34	1.33	0.79	0.04	-0.18	SAND	
250	1700	1.50	4.90	0.	0.	0.	0.	1	1.43	1.45	0.80	0.03	-0.42	SAND	
250	1701	1.20	4.11	0.	0.	0.	0.	1	1.28	1.32	0.87	0.08	-0.61	SANDY CLAY	
250	1702	1.40	4.51	0.	0.	0.	0.	1	1.40	1.43	0.86	0.08	-0.37	SAND	
250	1703	1.80	5.40	0.	0.	0.	0.	1	1.90	1.94	0.66	0.04	-0.59	SAND	
250	1704	1.30	4.63	0.	0.	0.	0.	1	1.25	1.29	0.81	0.09	-0.39	SAND	
250	1705	1.40	4.74	0.	0.	0.	0.	1	1.30	1.31	0.81	0.06	-0.36	SAND	
250	1706	1.50	4.90	0.	0.	0.	0.	1	1.50	1.51	0.81	-0.01	-0.43	SAND	
250	1707	0.80	4.67	0.	0.	0.	0.	1	1.00	1.05	0.80	0.14	-0.10	SAND	
250	1708	1.10	4.54	0.	0.	0.	0.	1	1.14	1.19	0.81	0.14	-0.32	SAND	
250	1709	1.90	5.20	0.	0.	0.	0.	1	1.94	1.96	0.67	-0.00	-0.61	SAND	
250	1710	1.75	6.60	0.	0.	0.	0.	1	1.74	1.72	0.59	-0.07	-0.20	SAND	
250	1711	0.35	5.94	1.75	4.00	2.65	0.65	3	0.74	0.90	0.80	0.18	-0.53	SAND	
250	1712	0.85	7.52	1.55	5.24	0.	0.	2	1.18	1.25	0.59	0.19	0.14	SAND	
250	1713	1.60	5.07	0.	0.	0.	0.	1	1.77	1.79	0.78	0.08	0.61	SAND	
250	1714	2.10	4.15	0.	0.	0.	0.	1	1.75	1.69	0.88	-0.15	-0.52	SAND	
250	1715	0.70	4.02	0.	0.	0.	0.	1	1.18	1.33	1.06	0.34	0.39	SAND	
250	1716	0.60	4.66	0.	0.	0.	0.	1	1.02	1.40	1.38	0.72	1.82	SAND	
250	1717	1.00	3.62	0.	0.	0.	0.	1	1.43	1.65	1.21	0.35	-0.08	SAND	
250	1718	3.35	8.09	0.	0.	0.	0.	1	3.38	3.37	0.53	-0.20	0.45	SAND	
250	1719	3.40	5.61	0.	0.	0.	0.	1	3.25	3.16	0.79	-0.26	0.24	SAND	
250	1720	1.70	3.78	4.40	0.51	0.	0.	2	1.74	1.81	1.09	0.26	0.36	SAND	
250	1721	4.40	3.59	0.	0.	0.	0.	1	4.54	5.90	3.45	0.80	1.55	SANDY SILT	
250	1722	4.60	2.24	9.50	0.91	11.20	0.59	3	6.95	8.11	3.65	0.36	-0.53	CLAYEY SILT	
250	1723	4.60	2.71	9.50	0.72	0.	0.	2	6.21	7.78	3.70	0.45	-0.30	CLAYEY SILT	
250	1724	4.30	3.23	0.	0.	0.	0.	1	4.45	5.91	3.79	0.79	1.50	SAN SIL CLY	
250	1725	4.50	3.24	9.50	0.62	0.	0.	2	5.72	7.62	4.02	0.53	0.02	CLAYEY SILT	
250	1726	4.50	2.95	9.50	0.51	0.	0.	2	5.19	7.27	4.37	0.59	0.32	CLAYEY SILT	
250	1727	4.30	2.36	0.	0.	0.	0.	1	5.02	7.10	4.60	0.60	0.31	SAN SIL CLY	
250	1728	4.20	2.66	0.	0.	0.	0.	1	4.63	6.45	4.21	0.69	0.78	SAN SIL CLY	
250	1729	2.55	7.21	4.25	2.00	0.	0.	2	2.72	2.86	0.67	0.36	0.08	SAND	
250	1730	2.60	4.05	0.	0.	0.	0.	1	3.25	4.76	3.65	0.92	2.30	SILTY SAND	
250	1731	2.70	2.77	0.	0.	0.	0.	1	3.33	4.80	4.41	0.86	2.16	SILTY SAND	
250	1732	9.50	2.18	4.60	1.75	2.70	0.82	3	6.21	6.88	3.20	0.12	-0.88	SILTY CLAY	
250	1733	3.40	3.62	0.	0.	0.	0.	1	3.60	4.96	3.96	1.08	3.71	SILTY SAND	
250	1734	3.60	2.01	8.50	1.47	0.	0.	2	5.02	5.90	2.93	0.33	-0.50	SAN SIL CLY	
250	1735	3.10	1.96	-1.40	1.20	0.	0.	2	3.07	3.63	3.84	0.49	0.75	GVL + 10 %	
250	1736	2.50	3.80	0.	0.	0.	0.	1	2.80	4.16	3.72	1.02	3.10	SAND	
250	1737	1.90	2.62	-4.50	1.81	-1.40	0.84	4	1.38	0.19	3.00	-0.22	-1.14	GVL + 10 %	
250	1738	2.40	5.85	0.	0.	0.	0.	1	2.27	2.29	0.77	0.32	1.33	SAND	
250	1739	2.25	8.80	4.25	1.60	0.	0.	2	2.33	2.48	0.69	0.66	1.52	SAND	
250	1741	1.80	4.99	0.	0.	0.	0.	1	2.02	2.12	0.81	0.36	0.73	SAND	
250	1742	2.35	5.97	4.25	2.00	0.	0.	2	2.66	2.78	0.74	0.27	-0.33	SAND	
250	1743	2.50	6.70	0.	0.	0.	0.	1	2.65	2.78	0.80	0.53	2.16	SAND	
250	1744	2.50	5.70	4.30	0.63	0.	0.	2	2.50	2.29	1.75	-0.73	3.14	SAND	
250	1745	2.00	3.39	-3.50	1.89	0.	0.	2	1.77	0.94	2.42	-0.53	-0.34	GVL + 10 %	
250	1746	2.10	4.05	0.	0.	0.	0.	1	1.96	1.98	1.00	0.17	0.30	SAND	
250	1747	2.10	4.53	4.20	0.55	0.	0.	2	2.15	2.22	0.92	0.24	0.80	SAND	
250	1748	1.70	3.91	0.	0.	0.	0.	1	1.86	1.96	1.07	0.24	0.10	SAND	
250	1750	2.20	2.74	0.	0.	0.	0.	1	2.73	3.34	2.49	0.97	3.79	SAND	
250	1751	1.50	6.20	0.	0.	0.	0.	1	1.65	1.71	0.70	0.30	1.61	SAND	
250	1752	1.50	5.10	0.	0.	0.	0.	1	1.47	1.55	0.94	0.40	1.36	SAND	
250	1753	4.40	4.55	0.	0.	0.	0.	1	4.42	5.23	2.49	0.93	2.46	SANDY SILT	
250	1754	1.40	5.50	0.	0.	0.	0.	1	1.35	1.36	0.74	0.06	-0.15	SAND	
250	1755	0.60	5.04	0.	0.	0.	0.	1	0.77	0.84	0.83	0.12	-0.17	SAND	
250	1756	2.60	5.21	0.	0.	0.	0.	1	2.65	2.68	0.77	0.02	-0.33	SAND	
250	1757	1.40	4.93	0.	0.	0.	0.	1	1.33	1.36	0.78	0.09	-0.41	SAND	
250	1758	1.40	4.54	0.	0.	0.	0.	1	1.30	1.31	0.84	0.04	-0.40	SAND	
250	1759	0.60	4.89	0.	0.	0.	0.	1	0.80	0.88	0.86	0.13	-0.24	SAND	
250	1760	1.70	4.53	0.	0.	0.	0.	1	1.81	1.79	0.85	-0.11	-0.10	SAND	
250	1761	0.90	4.83	0.	0.	0.	0.	1	1.08	1.14	0.77	0.18	-0.19	SAND	
250	1762	3.30	3.81	0.	0.	0.	0.	1	2.91	3.06	1.91	1.12	6.81	SAND	
250	1763	4.50	3.79	9.50	0.54	0.	0.	2	4.80	6.10	2.96	0.61	0.33	CLAYEY SILT	
250	1764	2.60	3.02	0.	0.	0.	0.	1	3.13	4.28	3.52	0.90	2.36	SILTY SAND	
250	1765	2.10	4.31	4.40	0.50	0.	0.	2	1.99	2.02	0.99	0.22	0.71	SAND	

CODE #	STATION #		MODE 1	MODE $	MODE 2	MODE $	MODE 3	MODE $	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1766		2.30	4.87	0.	0.	0.	0.	1	2.09	2.06	0.80	-0.07	0.41	SAND	
250	1768		1.30	5.19	0.	0.	0.	0.	1	1.23	1.27	0.79	0.37	1.85	SAND	
250	1770		2.60	2.82	0.	0.	0.	0.	1	3.06	4.10	3.47	0.88	2.45	SILTY SAND	
250	1771		3.80	3.86	0.	0.	0.	0.	1	4.23	5.86	2.83	0.89	2.19	SANDY SILT	
250	1772		2.40	4.57	0.	0.	0.	0.	1	2.04	1.89	1.04	-0.36	0.78	SAND	
250	1773		2.50	2.50	4.20	1.45	0.	0.	2	3.78	4.85	3.31	0.59	0.53	SILTY SAND	
250	1774		0.50	4.30	0.	0.	0.	0.	1	0.73	0.96	1.24	0.38	0.39	SAND	
250	1775		1.80	5.23	0.	0.	0.	0.	1	1.98	2.03	0.71	0.20	0.20	SAND	
250	1776		0.80	3.99	0.	0.	0.	0.	1	1.05	1.10	0.94	0.06	-0.45	SAND	
250	1777		2.55	7.31	0.	0.	0.	0.	1	2.33	2.33	0.48	0.05	-0.39	SAND	
250	1778		1.50	4.80	0.	0.	0.	0.	1	1.58	1.60	0.84	0.04	-0.29	SAND	
250	1779		1.50	6.00	0.	0.	0.	0.	1	1.40	1.39	0.71	0.01	0.09	SAND	
250	1780		1.50	5.55	0.	0.	0.	0.	1	1.44	1.44	0.76	-0.01	-0.09	SAND	
250	1781		2.20	5.40	0.	0.	0.	0.	1	2.06	2.07	0.66	-0.01	-0.63	SAND	
250	1782		2.30	4.56	0.	0.	0.	0.	1	2.00	1.93	0.90	-0.17	0.39	SAND	
250	1783		3.25	9.20	0.	0.	0.	0.	1	3.25	3.27	0.50	0.10	-0.06	SAND	
250	1784		1.95	7.70	0.	0.	0.	0.	1	2.18	2.28	0.59	0.54	1.46	SAND	
250	1785		1.50	6.50	0.	0.	0.	0.	1	1.62	1.70	0.75	0.55	2.87	SAND	
250	1786		0.80	3.86	0.	0.	0.	0.	1	1.20	1.35	1.10	0.32	0.23	SAND	
250	1787		1.50	4.70	0.	0.	0.	0.	1	1.46	1.47	0.83	-0.00	-0.47	SAND	
250	1788		2.30	5.64	0.	0.	0.	0.	1	2.14	2.13	0.67	0.06	0.27	SAND	
250	1789		0.60	4.22	0.	0.	0.	0.	1	0.74	0.80	0.96	0.08	-0.41	SAND	
250	1790		2.40	5.88	0.	0.	0.	0.	1	2.19	2.16	0.66	-0.18	0.23	SAND	
250	1791		2.40	6.02	0.	0.	0.	0.	1	2.30	2.28	0.69	0.01	0.12	SAND	
250	1792		1.60	5.61	0.	0.	0.	0.	1	1.65	1.67	0.73	-0.04	-0.06	SAND	
250	1793		1.50	5.50	0.	0.	0.	0.	1	1.42	1.43	0.76	0.05	-0.07	SAND	
250	1794		1.00	4.14	0.	0.	0.	0.	1	1.19	1.24	0.88	0.11	-0.42	SAND	
250	1795		1.95	5.50	0.	0.	0.	0.	1	2.47	2.56	0.70	0.18	-0.71	SAND	
250	1796		1.60	4.59	0.	0.	0.	0.	1	1.78	1.84	1.08	0.07	0.82	SAND	
250	1798		2.40	5.45	0.	0.	0.	0.	1	2.24	2.18	0.86	-0.27	2.01	SAND	
250	1800		2.30	4.59	0.	0.	0.	0.	1	2.29	2.39	0.93	0.30	0.18	SAND	
250	1801		3.25	9.80	0.	0.	0.	0.	1	3.28	3.26	0.50	-0.13	0.27	SAND	
250	1802		2.40	5.97	0.	0.	0.	0.	1	2.22	2.20	0.70	0.14	1.10	SAND	
250	1803		1.65	6.47	0.	0.	0.	0.	1	1.62	1.62	0.65	0.01	-0.27	SAND	
250	1804		2.40	6.28	0.	0.	0.	0.	1	2.20	2.18	0.62	-0.12	-0.48	SAND	
250	1805		0.50	7.00	0.	0.	0.	0.	1	0.58	0.62	0.65	0.20	1.13	SAND	
250	1806		0.80	4.20	0.	0.	0.	0.	1	1.03	1.08	0.91	0.04	-0.18	SAND	
250	1807		2.30	4.95	0.	0.	0.	0.	1	2.06	2.01	0.78	-0.19	-0.01	SAND	
250	1808		2.00	4.78	0.	0.	0.	0.	1	2.00	1.99	0.87	-0.09	1.57	SAND	
250	1809		2.65	7.14	4.15	0.81	0.	0.	2	2.63	2.68	0.60	0.30	0.46	SAND	
250	1810		2.40	5.69	0.	0.	0.	0.	1	2.20	2.18	0.72	0.16	0.90	SAND	
250	1811		3.30	3.22	0.	0.	0.	0.	1	3.62	4.54	2.91	0.93	2.72	SILTY SAND	
250	1812		2.00	4.37	0.	0.	0.	0.	1	2.18	2.30	0.91	0.29	0.08	SAND	
250	1813		1.50	5.60	0.	0.	0.	0.	1	1.53	1.55	0.75	0.03	-0.12	SAND	
250	1814		2.40	6.21	0.	0.	0.	0.	1	2.24	2.21	0.65	-0.01	0.38	SAND	
250	1815		2.20	5.21	0.	0.	0.	0.	1	2.12	2.13	0.71	0.11	-0.01	SAND	
250	1816		2.30	5.35	0.	0.	0.	0.	1	2.15	2.15	0.70	0.09	0.00	SAND	
250	1817		1.40	5.54	0.	0.	0.	0.	1	1.25	1.21	0.75	-0.04	0.10	SAND	
250	1818		1.80	5.03	0.	0.	0.	0.	1	1.88	1.90	0.72	-0.03	-0.44	SAND	
250	1819		2.40	5.97	0.	0.	0.	0.	1	2.23	2.22	0.70	0.16	1.01	SAND	
250	1820		2.65	7.46	0.	0.	0.	0.	1	2.43	2.41	0.50	0.00	-0.51	SAND	
250	1821		0.80	4.02	0.	0.	0.	0.	1	0.85	0.86	0.93	-0.00	-0.41	SAND	
250	1822		0.70	4.47	0.	0.	0.	0.	1	0.83	0.86	0.88	0.02	-0.23	SAND	
250	1823		2.85	8.39	0.	0.	0.	0.	1	2.85	2.83	0.43	-0.11	-0.54	SAND	
250	1824		2.15	8.51	0.	0.	0.	0.	1	2.18	2.23	0.46	0.27	0.23	SAND	
250	1825		2.35	9.49	0.	0.	0.	0.	1	2.48	2.53	0.44	0.31	0.46	SAND	
250	1826		2.50	8.20	0.	0.	0.	0.	1	2.54	2.61	0.59	0.59	2.79	SAND	
250	1827	A	2.80	3.14	0.	0.	0.	0.	1	3.65	5.00	3.33	0.78	1.46	SILTY SAND	
250	1828		4.40	2.40	9.50	0.59	0.	0.	2	4.97	6.38	3.62	0.54	0.23	SAN SIL CLY	
250	1829		9.50	1.83	4.70	1.74	11.60	0.59	3	6.76	7.64	3.54	0.28	-0.54	CLAYEY SILT	
250	1830	A	5.50	1.94	9.40	1.40	0.	0.	2	6.85	7.30	2.40	0.23	-0.60	CLAYEY SILT	
250	1834		4.60	2.46	9.40	0.84	0.	0.	2	6.30	7.36	3.17	0.38	-0.48	CLAYEY SILT	
250	1835		4.10	2.23	9.10	0.52	0.	0.	2	4.78	6.27	3.67	0.55	0.20	SAN SIL CLY	
250	1836		3.40	2.52	0.	0.	0.	0.	1	3.62	4.88	3.66	0.79	1.68	SILTY SAND	
250	1837		2.55	8.63	0.	0.	0.	0.	1	2.53	2.54	0.43	0.06	-0.24	SAND	
250	1839		2.50	7.10	0.	0.	0.	0.	1	2.39	2.37	0.62	0.15	1.58	SAND	
250	1840		2.40	5.48	0.	0.	0.	0.	1	2.23	2.25	0.74	0.19	0.41	SAND	
250	1841		2.75	9.20	4.25	1.00	0.	0.	2	2.86	2.91	0.50	0.39	1.06	SAND	
250	1842		0.90	4.54	0.	0.	0.	0.	1	1.10	1.18	0.84	0.21	-0.13	SAND	
250	1843		1.50	5.20	0.	0.	0.	0.	1	1.51	1.52	0.79	0.02	-0.26	SAND	
250	1844		1.70	4.83	0.	0.	0.	0.	1	1.82	1.84	0.83	0.15	1.10	SAND	
250	1845		1.80	5.37	0.	0.	0.	0.	1	1.90	1.94	0.66	0.03	-0.60	SAND	
250	1846		1.50	4.10	0.	0.	0.	0.	1	1.47	1.39	1.01	-0.19	-0.22	SAND	
250	1847		0.60	5.86	0.	0.	0.	0.	1	0.82	0.96	0.77	0.35	0.25	SAND	
250	1848		1.10	3.97	0.	0.	0.	0.	1	1.19	1.23	0.92	0.05	-0.43	SAND	
250	1849		2.40	6.26	0.	0.	0.	0.	1	2.22	2.19	0.65	-0.01	0.53	SAND	
250	1850		2.50	6.20	0.	0.	0.	0.	1	2.56	2.60	0.71	0.14	0.27	SAND	
250	1851		2.50	7.40	0.	0.	0.	0.	1	2.64	2.73	0.60	0.34	0.49	SAND	
250	1852		2.60	5.76	0.	0.	0.	0.	1	2.77	2.83	0.69	0.14	-0.28	SAND	
250	1853		4.60	2.26	9.40	0.83	0.	0.	2	7.00	8.11	3.65	0.39	-0.45	CLAYEY SILT	
250	1854		3.40	3.27	0.	0.	0.	0.	1	3.74	5.02	3.32	0.84	1.83	SILTY SAND	
250	1855		2.70	5.73	0.	0.	0.	0.	1	2.86	2.94	0.67	0.16	-0.41	SAND	
250	1856		2.60	6.57	0.	0.	0.	0.	1	2.71	2.82	0.67	0.31	0.22	SAND	
250	1857		1.50	5.60	0.	0.	0.	0.	1	1.44	1.46	0.74	0.05	-0.22	SAND	
250	1858		3.15	10.22	4.25	0.90	0.	0.	2	3.08	3.08	0.45	0.13	1.51	SAND	
250	1859		2.05	6.98	0.	0.	0.	0.	1	2.25	2.30	0.54	0.34	0.82	SAND	
250	1860		0.60	5.51	0.	0.	0.	0.	1	0.83	1.04	0.96	0.53	1.20	SAND	
250	1861		0.70	4.62	0.	0.	0.	0.	1	1.07	1.22	0.93	0.35	0.51	SAND	
250	1862		4.60	2.60	9.20	0.92	0.	0.	2	6.43	7.18	2.88	0.31	-0.66	CLAYEY SILT	
250	1863		2.10	5.10	0.	0.	0.	0.	1	2.05	2.10	0.77	0.35	1.33	SAND	

CODE #	STATION #		MODE 1	MODE $	MODE 2	MODE $	MODE 3	MODE $	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1865		2.50	6.40	0.	0.	0.	0.	1	2.49	2.50	0.70	0.04	0.44	SAND	
250	1866		3.20	2.75	1.80	2.69	0.	0.	2	2.27	2.23	1.23	-0.08	-0.65	SAND	
250	1867		5.40	2.36	8.70	0.76	0.	0.	2	5.67	6.69	3.26	0.42	-0.33	CLAYEY SILT	
250	1868		3.50	4.05	0.	0.	0.	0.	1	4.04	5.30	2.98	0.74	1.20	SILTY SAND	
250	1869		3.50	6.10	0.	0.	0.	0.	1	3.56	4.02	1.79	1.25	6.03	SAND	
250	1870		2.70	5.72	0.	0.	0.	0.	1	2.83	2.88	0.66	0.06	-0.25	SAND	
250	1871		1.40	5.30	0.	0.	0.	0.	1	1.28	1.29	0.79	0.11	0.69	SAND	
250	1872		1.40	5.06	0.	0.	0.	0.	1	1.35	2.12	1.27	0.95	4.19	SAND	
250	1873		2.65	7.01	0.	0.	0.	0.	1	2.52	2.50	0.53	-0.02	-0.76	SAND	
250	1874		0.60	4.14	0.	0.	0.	0.	1	0.87	0.97	1.06	0.25	0.57	SAND	
250	1875		2.65	6.72	0.	0.	0.	0.	1	2.58	2.58	0.53	-0.04	-0.59	SAND	
250	1876		2.75	8.40	0.	0.	0.	0.	1	2.50	2.45	0.49	-0.06	-0.59	SAND	
250	1877		2.25	9.40	0.	0.	0.	0.	1	2.32	2.33	0.43	0.13	0.21	SAND	
250	1878		1.50	6.00	0.	0.	0.	0.	1	1.50	1.50	0.73	-0.03	0.16	SAND	
250	1879		2.05	9.57	0.	0.	0.	0.	1	2.08	2.11	0.39	0.23	-0.00	SAND	
250	1880		1.30	4.49	0.	0.	0.	0.	1	1.05	1.02	0.87	-0.03	-0.17	SAND	
250	1881		3.50	3.09	6.40	0.74	0.	0.	2	4.31	5.43	2.86	0.51	0.12	SILTY SAND	
250	1882		2.85	8.71	0.	0.	0.	0.	1	2.82	2.83	0.44	0.05	0.10	SAND	
250	1883		1.20	4.31	3.40	1.02	0.	0.	2	1.22	1.36	1.03	0.35	0.13	SAND	
250	1884		3.40	3.75	0.	0.	0.	0.	1	3.68	4.62	2.66	0.83	2.00	SILTY SAND	
250	1885		2.80	3.59	0.	0.	0.	0.	1	3.41	4.36	2.57	0.77	1.43	SILTY SAND	
250	1886		1.50	5.70	0.	0.	0.	0.	1	1.35	1.33	0.73	0.01	0.01	SAND	
250	1887		1.50	6.90	0.	0.	0.	0.	1	1.65	1.72	0.60	0.20	-0.07	SAND	
250	1888		2.20	5.30	0.	0.	0.	0.	1	2.05	2.05	0.67	-0.08	-0.11	SAND	
250	1889		2.30	4.76	0.	0.	0.	0.	1	1.98	1.88	0.87	-0.31	0.26	SAND	
250	1890		1.60	6.19	0.	0.	0.	0.	1	1.78	1.85	0.63	0.12	-0.49	SAND	
250	1891		1.90	5.12	0.	0.	0.	0.	1	1.98	2.05	0.78	0.39	1.47	SAND	
250	1892	A	1.30	4.97	0.	0.	0.	0.	1	1.16	1.20	0.78	0.20	0.22	SAND	
250	1893		3.40	1.71	5.40	1.03	0.	0.	2	4.75	5.94	4.11	0.38	-0.23	SAN SIL CLY	
250	1894		1.50	5.60	0.	0.	0.	0.	1	1.55	1.57	0.76	-0.01	-0.02	SAND	
250	1895		2.50	5.50	0.	0.	0.	0.	1	2.78	3.39	2.15	1.06	4.34	SAND	
250	1896		2.85	4.73	0.	0.	0.	0.	1	2.81	2.78	.47	-.43	1.21	SAND	N1
250	1897		3.05	3.99	0.	0.	0.	0.	1	3.05	3.08	.5	.17	.03	SAND	N1
250	1898		3.80	1.96	6.70	0.91	0.	0.	2	6.39	7.11	3.39	.32	-.64	SAN SIL CLY	S
250	1899		1.60	3.36	-3.60	1.18	0.	0.	2	1.52	.63	2.78	-.36	-.73		PM
250	1900		3.25	12.80	0.	0.	0.	0.	1	3.14	3.11	0.33	-0.38	1.70	SAND	
250	1901		0.50	5.20	0.	0.	0.	0.	1	.44	.46	.78	.02	-.31	SAND	N1
250	1902		7.60	1.50	0.	0.	0.	0.	1	9.22	9.46	2.67	.16	-.5	SILTY CLAY	N2
250	1903		7.30	1.36	0.	0.	0.	0.	1	9.34	9.84	3.4	.24	-.5	SILTY CLAY	N2
250	1904		2.50	1.35	-4.40	0.85	4.30	0.82	3	3.64	4.38	5.59	.12	-.52		N3
250	1905		7.50	1.36	0.	0.	0.	0.	1	8.48	8.92	3.27	.15	-.73	SILTY CLAY	N2
250	1906		6.80	1.19	0.	0.	0.	0.	1	8.86	9.37	3.44	.2	-.76	SILTY CLAY	N2
250	1907		7.50	1.44	0.	0.	0.	0.	1	9.45	9.66	2.92	.12	-.68	SILTY CLAY	N2
250	1908		1.50	1.53	-3.20	0.75	4.40	0.63	3	1.43	2.1	4.4	.45	.43		N3
250	1909		4.30	1.93	0.	0.	0.	0.	1	6.55	7.82	4.1	.43	-.29	CLAYEY SILT	S
250	1910		7.30	1.43	0.	0.	0.	0.	1	8.54	9.21	3.4	.24	-.58	SILTY CLAY	N2
250	1911		7.10	1.30	0.	0.	0.	0.	1	8.72	9.47	3.62	.26	-.62	SILTY CLAY	S
250	1912		7.30	1.60	0.	0.	0.	0.	1	8.91	9.45	2.88	.22	-.68	SILTY CLAY	N2
250	1913		4.30	2.71	7.30	0.74	0.	0.	2	5.19	6.86	3.71	.57	.31	SAN SIL CLY	S
250	1914		3.60	2.18	1.60	1.52	-4.30	0.61	3	2.86	2.29	3.34	-.17	.72		N4
250	1915		1.60	2.67	4.60	0.78	0.	0.	2	3.74	5.41	4.64	.51	-.03	SAN SIL CLY	S
250	1917		7.30	1.19	4.70	1.00	0.	0.	2	8.02	8.48	3.45	.17	-.72	SILTY CLAY	N2
250	1918		1.80	1.91	-3.80	0.81	0.	0.	2	2.15	2.22	4.7	.32	.53		N4
250	1919		7.60	1.45	5.50	0.93	0.	0.	2	8.62	8.94	3.31	.08	-.71	SILTY CLAY	N2
250	1920		3.80	1.52	6.80	0.88	0.	0.	2	7.52	8.2	4.0	.26	-.81	SILTY CLAY	S
250	1921		0.80	4.78	0.	0.	0.	0.	1	1.05	1.14	.81	.25	.09	SAND	N1
250	1922		0.75	6.40	0.	0.	0.	0.	1	.96	1.03	.64	.22	-.21	SAND	N1
250	1923		1.45	5.07	0.	0.	0.	0.	1	1.82	1.86	.39	.5	2.63	SAND	N1
250	1924		4.50	4.12	0.	0.	0.	0.	1	4.64	5.64	2.79	.69	1.2	SANDY SILT	S
250	1925		4.50	2.09	0.	0.	0.	0.	1	7.0	7.83	3.65	.37	-.35	CLAYEY SILT	S
250	1926		4.30	2.01	0.	0.	0.	0.	1	6.15	7.18	3.59	.39	-.39	CLAYEY SILT	S
250	1927		3.45	4.96	0.	0.	0.	0.	1	3.5	3.51	.36	.08	-.45	SAND	N1
250	1928		4.60	2.78	8.60	0.66	0.	0.	2	5.52	6.55	3.18	.42	.08	CLAYEY SILT	N4
250	1929		1.30	4.78	0.	0.	0.	0.	1	1.26	1.33	.88	.27	.34	SAND	N1
250	1930		3.15	4.70	0.	0.	0.	0.	1	3.09	3.09	.45	.18	.47	SAND	N1
250	1931		2.60	5.63	0.	0.	0.	0.	1	2.69	2.72	.73	-.02	0.0	SAND	N1
250	1932		6.00	1.71	0.	0.	0.	0.	1	7.17	7.97	3.09	.4	-.14	CLAYEY SILT	N2
250	1933		4.50	3.41	1.70	1.40	6.80	0.74	3	4.59	5.01	2.71	.34	0.0	SANDY SILT	M
250	1934		4.30	3.18	0.	0.	0.	0.	1	4.41	5.05	2.65	.54	1.31	SANDY SILT	M
250	1936		1.90	4.91	0.	0.	0.	0.	1	2.04	2.09	.77	0.0	.4	SAND	M
250	1937		1.80	2.83	-3.50	1.02	0.	0.	2	1.24	.28	2.5	-.35	-.84		PM
250	1938		2.50	2.87	-5.40	1.60	0.	0.	2	2.2	.84	4.2	-.06	-.55		N4
250	1939		3.50	3.70	0.	0.	0.	0.	1	3.85	4.71	2.56	.81	2.14	SILTY SAND	S
250	1940		3.00	2.42	0.	0.	0.	0.	1	3.15	3.58	2.27	.49	1.45	SILTY SAND	N2
250	1941		1.50	4.61	4.50	1.34	0.	0.	2	1.75	2.32	1.88	.99	5.22	SAND	M
250	1942		1.85	5.90	0.	0.	0.	0.	1	1.91	1.98	.38	.46	1.21	SAND	N1
250	1943		4.40	2.50	0.	0.	0.	0.	1	5.32	6.36	2.93	.48	-.01	SAN SIL CLY	S
250	1944		4.00	3.78	0.	0.	0.	0.	1	4.41	5.46	2.74	.85	1.92	SANDY SILT	S
250	1945		4.60	1.66	0.	0.	0.	0.	1	6.98	7.76	3.28	.33	-.45	CLAYEY SILT	N2
250	1946		2.30	1.22	5.70	0.95	0.	0.	2	5.51	5.75	4.04	.2	-.74	SAN SIL CLY	N2
250	1947		4.60	1.71	0.	0.	0.	0.	1	6.9	7.52	3.24	.27	-.58	CLAYEY SILT	N2
250	1948		7.50	1.49	5.50	1.21	0.	0.	2	8.0	8.53	3.12	.25	-.84	SILTY CLAY	N2
250	1949		1.60	1.13	7.30	0.99	0.	0.	2	7.14	7.21	4.05	.11	-.82	SAN SIL CLY	S
250	1950		6.50	2.14	9.80	2.04	0.	0.	2	9.4	8.61	2.82	-.18	-.78	SILTY CLAY	N4
250	1951	A	0.60	3.55	0.	0.	0.	0.	1	1.4	1.38	1.1	.22	-.43	SAND	N1
250	1952		4.40	2.47	6.90	0.96	0.	0.	2	6.21	7.11	3.47	.43	-.23	CLAYEY SILT	S
250	1953		3.15	3.57	0.	0.	0.	0.	1	2.81	2.79	.49	-.08	-.75	SAND	N1
250	1954		4.60	1.23	7.40	1.08	2.30	0.81	3	7.18	7.23	3.49	.07	-.72	SILTY CLAY	S
250	1955		2.60	2.65	7.40	0.87	0.	0.	2	4.67	5.96	3.6	.41	-.41	SAN SIL CLY	S
250	1956		2.50	3.48	-0.40	2.46	0.	0.	2	1.66	1.4	1.42	-.09	-1.22	SAND	M

CODE #	STATION #	MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	1957	1.25	3.80	0.	0.	0.	0.	1	1.32	1.35	.53	.21	.15	SAND	N1
250	1958	1.50	5.40	0.	0.	0.	0.	1	1.69	1.79	.89	.41	1.42	SAND	N1
250	1959	1.50	7.30	0.	0.	0.	0.	1	1.58	1.63	.58	.27	.52	SAND	N1
250	1960	1.55	4.28	0.	0.	0.	0.	1	1.61	1.68	.48	.35	.43	SAND	N1
250	1961	0.50	5.83	0.	0.	0.	0.	1	.7	.83	.85	.45	1.34	SAND	N1
250	1962	3.25	4.40	0.	0.	0.	0.	1	3.1	3.07	.55	-.05	.27	SAND	N1
250	1963	3.25	4.10	0.	0.	0.	0.	1	3.19	3.16	.55	-.25	.74	SAND	N1
250	1964	3.35	5.02	0.	0.	0.	0.	1	3.42	3.46	.4	.15	-.21	SAND	N1
250	1965	3.25	4.60	0.	0.	0.	0.	1	3.17	3.14	0.57	-0.01	0.05	SAND	
250	1966	3.50	2.70	6.50	0.60	8.50	0.59	3	4.28	5.71	3.54	0.48	0.02	SAN SIL CLY	
250	1967	0.50	5.60	0.	0.	0.	0.	1	0.76	0.99	1.08	0.49	1.66	SAND	
250	1968	2.50	4.80	0.	0.	0.	0.	1	2.46	2.50	0.85	0.11	-0.19	SAND	
250	1969	3.50	4.10	6.20	0.56	0.	0.	2	4.20	5.66	3.17	0.70	0.96	SAN SIL CLY	
250	1970	3.50	6.40	0.	0.	0.	0.	1	3.64	4.50	2.47	1.10	3.87	SILTY SAND	
250	1971	1.70	5.35	0.	0.	0.	0.	1	1.91	1.98	0.82	0.11	1.67	SAND	
250	1972	0.60	2.51	3.50	1.80	0.	0.	2	2.98	3.67	3.36	0.61	0.80	SILTY SAND	
250	1973 A	1.50	5.10	4.50	0.70	0.	0.	2	1.59	1.74	1.11	0.44	1.15	SAND	
250	1974	1.40	6.63	0.	0.	0.	0.	1	1.27	1.24	0.62	-0.17	-0.25	SAND	
250	1975	5.60	2.44	0.	0.	0.	0.	1	6.25	6.76	2.49	0.27	0.02	CLAYEY SILT	
250	1976	4.70	1.99	10.20	0.81	0.	0.	2	6.88	7.36	2.59	0.30	-0.52	CLAYEY SILT	
250	1977	7.40	1.56	10.20	1.14	0.	0.	2	8.06	8.29	2.46	0.13	-0.64	SILTY CLAY	
250	1978	8.50	1.72	10.20	1.54	0.	0.	2	8.90	8.88	2.35	-0.09	-0.27	SILTY CLAY	
250	1979	8.60	1.67	10.10	1.51	0.	0.	2	9.30	9.33	2.44	-0.04	-0.28	SILTY CLAY	
250	1980	8.30	1.60	10.10	1.46	0.	0.	2	8.85	8.93	2.28	0.04	-0.63	SILTY CLAY	
250	1981	7.70	1.35	10.30	1.19	5.70	1.13	3	8.43	8.62	2.71	0.13	-0.70	SILTY CLAY	
250	1982	2.50	2.55	7.70	0.96	0.	0.	2	6.40	6.73	3.88	0.28	-0.65	SAN SIL CLY	
250	1983	2.10	5.42	0.	0.	0.	0.	1	2.02	2.06	0.71	0.30	1.46	SAND	
250	1984	8.20	1.46	10.20	1.18	13.20	0.51	3	8.35	8.47	2.53	0.08	-0.74	SILTY CLAY	
250	1985	2.60	5.00	0.	0.	0.	0.	1	2.73	2.82	0.89	0.13	-0.09	SAND	
250	1986	4.70	2.04	0.	0.	0.	0.	1	7.04	7.65	2.95	0.32	-0.52	SILTY CLAY	
250	1987	4.50	2.58	8.20	0.75	7.30	0.73	4	5.51	6.72	3.14	0.47	-0.09	CLAYEY SILT	
250	1988	0.50	4.10	2.30	1.46	4.50	1.21	3	1.19	2.22	2.60	0.81	2.22	SAND	
250	1989	5.40	2.35	2.50	1.00	0.	0.	2	5.79	6.19	2.51	0.32	0.28	CLAYEY SILT	
250	1990	4.30	3.83	6.40	0.54	0.	0.	2	4.40	5.09	2.18	0.80	1.91	SANDY SILT	
250	1991	4.30	3.58	6.30	0.62	0.	0.	2	4.58	5.63	2.72	0.79	1.62	SANDY SILT	
250	1992	4.80	2.00	10.20	0.62	0.	0.	2	6.26	6.90	2.64	0.38	-0.18	CLAYEY SILT	
250	1993	4.40	4.21	0.	0.	0.	0.	1	4.38	4.95	2.09	0.88	2.73	SANDY SILT	
250	1994	1.60	3.52	-3.20	0.99	4.30	0.83	3	1.58	1.02	2.35	-0.33	-0.50	GVL + 10 %	
250	1995	2.70	4.53	0.	0.	0.	0.	1	2.87	2.90	0.84	0.03	-0.32	SAND	
250	1996	0.50	5.60	3.40	0.72	0.	0.	2	0.72	0.99	1.17	0.52	1.19	SAND	
250	1997	3.30	5.49	0.	0.	0.	0.	1	3.09	3.09	0.66	-0.05	-0.58	SAND	
250	1998	3.25	11.00	0.	0.	0.	0.	1	3.12	3.05	0.45	-0.51	1.94	SAND	
250	1999	3.25	11.40	0.	0.	0.	0.	1	3.23	3.23	0.36	0.01	-0.34	SAND	
250	2000	1.50	6.60	0.	0.	0.	0.	1	1.69	1.82	0.75	0.59	2.28	SAND	
250	2001	3.70	3.39	6.90	0.71	10.20	0.51	3	4.63	6.09	3.05	0.51	-0.13	SAN SIL CLY	
250	2002	2.20	5.25	0.	0.	0.	0.	1	2.10	2.12	0.73	0.25	0.87	SAND	
250	2003	1.90	5.14	0.	0.	0.	0.	1	1.98	2.02	0.73	0.29	1.18	SAND	
250	2004	0.70	5.19	4.40	0.51	0.	0.	2	0.98	1.22	1.08	0.80	2.82	SAND	
250	2005	2.35	2.41	0.	0.	0.	0.	1	2.64	2.69	.82	0.0	.03	SAND	N1
250	2006	1.95	2.89	0.	0.	0.	0.	1	2.39	2.47	.66	.32	.13	SAND	N1
250	2007	1.85	3.22	0.	0.	0.	0.	1	2.19	2.28	.66	.2	-.37	SAND	N1
250	2008	3.50	4.30	7.30	0.54	0.	0.	2	3.96	4.9	2.36	.7	1.07	SILTY SAND	S
250	2009	1.35	3.39	3.15	0.42	0.	0.	2	1.53	1.61	.65	.29	.29	SAND	N1
250	2010	1.55	3.92	0.	0.	0.	0.	1	1.63	1.65	.47	.04	-.12	SAND	N1
250	2011	2.85	4.73	0.	0.	0.	0.	1	2.94	2.97	.44	.29	.88	SAND	N1
250	2025	0.90	5.09	0.	0.	0.	0.	1	0.99	1.02	0.70	0.06	-0.50	SAND	
250	2026	1.60	6.26	0.	0.	0.	0.	1	1.76	1.85	0.65	0.21	-0.24	SAND	
250	2027 A	3.40	2.63	0.	0.	0.	0.	1	2.11	1.95	1.62	-0.14	-0.87	SAND	
250	2028	3.15	8.13	0.	0.	0.	0.	1	1.67	1.74	0.61	0.19	-0.16	SAND	
250	2029	1.60	6.81	0.	0.	0.	0.	1	1.67	1.74	0.61	0.19	-0.16	SAND	
250	2030	1.50	6.50	0.	0.	0.	0.	1	1.46	1.44	0.72	-0.05	0.93	SAND	
250	2031	0.60	4.63	0.	0.	0.	0.	1	0.75	0.82	1.05	0.16	0.77	SAND	
250	2032	0.20	4.44	0.	0.	0.	0.	1	0.19	0.25	0.92	0.31	0.93	SAND	
250	2033	1.40	5.74	0.	0.	0.	0.	1	1.26	1.22	0.71	-0.02	0.06	SAND	
250	2034	1.20	4.94	0.	0.	0.	0.	1	1.05	1.02	0.78	-0.07	0.56	SAND	
250	2035	1.50	6.30	0.	0.	0.	0.	1	1.39	1.34	0.73	-0.26	1.79	SAND	
250	2036	1.50	6.20	0.	0.	0.	0.	1	1.34	1.30	0.69	-0.07	0.31	SAND	
250	2038	2.55	9.10	0.	0.	0.	0.	1	2.61	2.64	0.40	0.14	-0.47	SAND	
250	2039	1.60	6.39	0.	0.	0.	0.	1	1.76	1.84	0.62	0.15	-0.46	SAND	
250	2040 A	2.25	7.20	0.	0.	0.	0.	1	2.32	2.34	0.50	0.10	-0.43	SAND	
250	2041	2.55	7.16	0.	0.	0.	0.	1	2.69	2.71	0.47	0.02	-0.77	SAND	
250	2042	1.80	5.35	0.	0.	0.	0.	1	1.93	1.98	0.70	0.21	0.39	SAND	
250	2043	1.50	6.00	0.	0.	0.	0.	1	1.40	1.39	0.73	0.05	0.39	SAND	
250	2044	2.75	7.80	0.	0.	0.	0.	1	2.75	2.76	0.47	0.12	-0.09	SAND	
250	2045	2.60	5.83	0.	0.	0.	0.	1	2.67	2.68	0.76	-0.37	2.37	SAND	
250	2046	1.10	4.69	3.40	0.50	0.	0.	2	1.07	1.13	0.89	0.35	1.01	SAND	
250	2047	2.45	8.84	4.25	0.60	0.	0.	2	2.56	2.62	0.49	0.56	2.14	SAND	
250	2048	2.75	9.40	0.	0.	0.	0.	1	2.85	2.87	0.43	0.14	0.12	SAND	
250	2049 A	3.40	4.57	0.70	0.73	0.	0.	2	3.02	2.84	1.06	-0.42	0.55	SAND	
250	2050	3.40	5.85	0.	0.	0.	0.	1	3.18	3.08	0.78	-0.44	1.16	SAND	
250	2051	3.05	9.49	0.	0.	0.	0.	1	3.00	3.01	0.40	0.19	0.68	SAND	
250	2052	1.30	5.24	0.	0.	0.	0.	1	1.16	1.16	0.72	0.08	-0.07	SAND	
250	2053	1.60	6.38	0.	0.	0.	0.	1	1.75	1.83	0.62	0.15	-0.43	SAND	
250	2054	1.40	6.32	0.	0.	0.	0.	1	1.29	1.25	0.66	-0.06	0.38	SAND	
250	2055	0.80	4.77	0.	0.	0.	0.	1	1.01	1.07	0.81	0.26	0.38	SAND	
250	2056	3.30	4.91	0.	0.	0.	0.	1	2.99	2.88	0.88	-0.33	0.18	SAND	
250	2057	0.90	2.75	3.40	2.31	0.	0.	2	1.58	1.76	1.43	0.06	-0.94	SAND	
250	2058	1.50	6.80	0.	0.	0.	0.	1	1.64	1.70	0.61	0.19	-0.05	SAND	
250	2059	2.60	3.71	0.	0.	0.	0.	1	2.58	2.60	0.93	0.03	-0.66	SAND	
250	2060	2.40	5.92	0.	0.	0.	0.	1	2.31	2.29	0.70	0.02	0.08	SAND	

CODE #	STATION #	MODE 1	MODE 1 $	MODE 2	MODE 2 $	MODE 3	MODE 3 $	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	2061	3.15	9.09	4.25	0.80	0.	0.	2	3.03	3.03	0.47	0.17	0.56	SAND	
250	2062	2.35	7.74	4.15	0.82	0.	0.	2	2.87	2.65	0.60	0.32	0.87	SAND	
250	2063 A	2.50	6.50	0.	0.	0.	0.	1	2.48	2.44	0.77	-0.48	3.32	SAND	
250	2064	1.60	6.34	0.	0.	0.	0.	1	1.72	1.79	0.64	0.17	-0.27	SAND	
250	2065 A	1.30	4.67	0.	0.	0.	0.	1	1.26	1.29	0.87	0.07	0.57	SAND	
250	2069	4.80	1.74	0.	0.	0.	0.	1	6.68	7.03	2.44	0.24	-0.49	CLAYEY SILT	
250	2070	4.60	1.39	7.50	1.28	2.50	1.00	3	7.22	7.32	2.96	0.08	-0.69	CLAYEY SILT	
250	2071	7.50	1.49	10.20	1.00	0.	0.	2	7.72	7.88	2.66	0.11	-0.66	CLAYEY SILT	
250	2072	9.50	1.40	7.50	1.35	4.60	1.31	4	7.68	7.64	2.60	0.02	-0.97	CLAYEY SILT	
250	2073	4.60	1.51	7.70	1.22	0.	0.	2	7.48	7.67	3.06	0.18	-0.65	CLAYEY SILT	
250	2074 A	3.60	3.21	9.40	0.69	7.50	0.66	3	4.76	6.17	3.14	0.42	-0.47	SAN SIL CLY	
250	2075	3.60	1.72	7.50	1.23	0.	0.	2	6.95	7.14	3.15	0.25	-0.56	SAN SIL CLY	
250	2076	6.90	1.83	0.	0.	0.	0.	1	7.25	7.59	2.46	0.25	-0.20	CLAYEY SILT	
250	2077	3.80	1.47	6.40	1.42	10.30	0.69	4	6.44	6.80	2.70	0.24	-0.66	CLAYEY SILT	
250	2078	3.80	2.85	0.	0.	0.	0.	1	4.70	5.89	2.97	0.59	0.40	SAN SIL CLY	
250	2079	6.70	1.73	0.	0.	0.	0.	1	7.68	8.00	2.40	0.21	-0.46	CLAYEY SILT	
250	2080	1.60	5.40	0.	0.	0.	0.	1	1.90	2.01	0.77	0.28	0.06	SAND	
250	2081	2.20	3.16	-0.30	0.53	0.	0.	2	2.31	2.30	1.25	-0.11	-0.12	SAND	
250	2082	3.70	2.38	0.	0.	0.	0.	1	5.08	6.00	2.78	0.43	-0.23	SAN SIL CLY	
250	2083	3.80	2.31	0.	0.	0.	0.	1	5.24	6.03	2.64	0.45	-0.09	SAN SIL CLY	
250	2084	7.10	1.84	0.	0.	0.	0.	1	7.67	8.06	2.44	0.23	-0.37	CLAYEY SILT	
250	2085	7.50	1.36	10.30	1.17	4.70	0.98	3	8.06	8.24	2.79	0.13	-0.61	SILTY CLAY	
250	2086	7.50	1.44	5.70	1.19	0.	0.	2	8.02	8.27	2.84	0.16	-0.54	SILTY CLAY	
250	2087	7.50	1.32	4.60	1.26	0.	0.	2	7.63	7.80	2.77	0.13	-0.74	CLAYEY SILT	
250	2088	7.70	1.37	10.20	1.08	3.70	0.83	3	7.99	8.08	2.76	0.06	-0.78	SILTY CLAY	
250	2089	7.20	1.70	10.20	0.97	0.	0.	2	7.75	8.04	2.35	0.21	-0.43	CLAYEY SILT	
250	2090	7.40	1.41	5.00	1.39	0.	0.	2	7.29	7.60	2.66	0.22	-0.59	CLAYEY SILT	
250	2091	7.30	1.56	5.80	1.50	0.	0.	2	7.00	7.31	2.56	0.26	-0.33	CLAYEY SILT	
250	2092	3.80	3.53	0.	0.	0.	0.	1	4.01	4.33	1.78	0.70	2.63	SILTY SAND	
250	2093	7.20	1.49	0.	0.	0.	0.	1	7.46	7.78	2.62	0.21	-0.56	CLAYEY SILT	
250	2094	7.50	1.72	0.	0.	0.	0.	1	7.99	8.30	2.40	0.19	-0.53	SILTY CLAY	
250	2095	7.60	1.49	5.90	1.19	3.90	0.78	3	7.74	7.90	2.68	0.12	-0.64	CLAYEY SILT	
250	2096	7.70	1.63	10.20	1.15	0.	0.	2	8.16	8.30	2.46	0.07	-0.55	SILTY CLAY	
250	2097	7.50	1.56	0.	0.	0.	0.	1	8.01	8.22	2.53	0.12	-0.62	SILTY CLAY	
250	2098	7.50	1.60	4.70	1.09	0.	0.	2	7.74	7.95	2.56	0.16	-0.57	CLAYEY SILT	
250	2099	7.50	1.60	0.	0.	0.	0.	1	7.57	7.75	2.53	0.14	-0.51	CLAYEY SILT	
250	2100	3.50	2.50	6.40	0.58	0.	0.	2	4.21	5.29	3.00	0.50	0.03	SILTY SAND	
250	2101	4.60	1.84	6.50	1.67	0.	0.	2	6.86	7.28	2.55	0.30	-0.38	CLAYEY SILT	
250	2102 A	4.30	2.65	6.40	0.58	0.	0.	2	4.29	5.01	2.62	0.65	1.16	SANDY SILT	
250	2103	3.00	3.34	0.	0.	0.	0.	1	3.10	3.66	2.19	0.86	2.55	SAND	
250	2104	1.50	6.50	0.	0.	0.	0.	1	1.44	1.45	0.66	0.04	0.22	SAND	
250	2105	1.40	5.16	0.	0.	0.	0.	1	1.26	1.28	0.77	0.15	0.09	SAND	
250	2106	1.60	5.20	0.	0.	0.	0.	1	1.86	1.91	0.80	-0.06	0.68	SAND	
250	2107	4.60	2.20	0.	0.	0.	0.	1	6.74	7.13	2.37	0.26	-0.61	CLAYEY SILT	
250	2108	7.50	1.59	0.	0.	0.	0.	1	8.01	8.31	2.56	0.21	-0.40	SILTY CLAY	
250	2109 A	7.60	1.33	0.	0.	0.	0.	1	7.50	7.57	2.90	0.07	-0.66	CLAYEY SILT	
250	2110	7.70	1.38	4.00	0.80	0.	0.	2	8.11	8.30	2.94	0.12	-0.66	SILTY CLAY	
250	2111	7.60	1.49	0.	0.	0.	0.	1	7.78	7.87	2.52	0.09	-0.67	CLAYEY SILT	
250	2112	7.50	1.22	0.	0.	0.	0.	1	8.49	8.83	3.17	0.16	-0.67	SILTY CLAY	
250	2113	8.30	1.34	0.	0.	0.	0.	1	7.96	8.06	2.73	0.09	-0.75	SILTY CLAY	
250	2114	6.00	1.66	0.	0.	0.	0.	1	7.28	7.70	2.52	0.26	-0.46	CLAYEY SILT	
250	2115	7.70	1.24	0.	0.	0.	0.	1	7.85	8.00	2.88	0.13	-0.67	SILTY CLAY	
250	2116	4.50	1.32	7.60	1.13	9.20	0.97	3	7.74	7.89	3.23	0.12	-0.87	SILTY CLAY	
250	2117	7.70	1.57	9.10	1.43	3.60	0.72	4	8.65	8.58	2.66	-0.08	-0.54	SILTY CLAY	
250	2118	7.80	1.46	3.60	0.64	0.	0.	2	8.88	8.82	2.72	-0.06	-0.47	SILTY CLAY	
250	2119	7.70	1.56	10.30	1.27	3.60	0.86	3	8.48	8.50	2.82	-0.00	-0.52	SILTY CLAY	
250	2120	7.40	2.05	4.60	1.29	0.	0.	2	7.23	7.21	2.13	-.01	-.47	CLAYEY SILT	N2
250	2121	8.30	1.13	4.70	0.95	0.	0.	2	8.48	8.57	3.1	.05	-.8	SILTY CLAY	N2
250	2122	4.50	3.15	9.10	0.67	0.	0.	2	5.23	6.32	2.82	.48	.09	CLAYEY SILT	S
250	2123	4.50	3.66	0.	0.	0.	0.	1	4.74	5.89	2.91	.64	.74	SAN SIL CLY	S
250	2124	4.60	1.28	6.40	1.14	0.	0.	2	7.47	8.09	3.47	.24	-.69	CLAYEY SILT	N2
250	2125	4.50	1.35	6.60	1.09	8.40	0.98	3	8.14	8.41	3.4	.17	-.75	SILTY CLAY	N2
250	2127	5.50	2.02	9.40	0.92	0.	0.	2	7.75	8.32	3.3	.24	-.64	SILTY CLAY	S
250	2128	5.90	1.51	9.80	0.91	0.	0.	2	8.07	8.63	3.19	.26	-.71	SILTY CLAY	S
250	2129	4.50	3.89	9.40	0.52	0.	0.	2	4.97	6.07	2.8	.66	.87	CLAYEY SILT	S
250	2130	5.50	1.58	9.30	1.00	0.	0.	2	7.61	8.12	3.3	.24	-.6	SILTY CLAY	N2
250	2131	4.60	3.29	9.50	0.51	0.	0.	2	5.43	6.71	3.24	.63	.8	CLAYEY SILT	S
250	2132 A	3.50	2.40	0.	0.	0.	0.	1	3.99	5.4	4.31	.48	.33	SAN SIL CLY	S
250	2132 B	4.30	1.37	8.30	0.89	0.	0.	2	6.66	7.13	3.5	.21	-.76	SAN SIL CLY	S
250	2133	6.70	1.47	8.60	1.37	0.	0.	2	8.98	9.09	2.45	.11	-.65	SILTY CLAY	N2
250	2134	7.50	2.71	4.90	0.79	0.	0.	2	7.58	7.69	1.86	.07	-.37	CLAYEY SILT	N2
250	2135	8.70	1.20	3.60	0.52	0.	0.	2	8.74	8.69	2.97	-.02	-.61	SILTY CLAY	N2
250	2136	8.50	1.05	6.70	1.00	4.60	0.78	3	8.43	8.43	3.72	-.01	-.62	SILTY CLAY	N2
250	2137	4.60	1.91	0.	0.	0.	0.	1	6.47	6.88	2.48	.25	-.5	CLAYEY SILT	N2
250	2138	4.30	3.35	0.	0.	0.	0.	1	4.42	5.12	2.43	.62	.84	SANDY SILT	S
250	2139	3.20	3.17	0.	0.	0.	0.	1	3.33	3.63	1.81	.98	4.91	SAND	S
250	2140	4.60	1.88	8.30	1.19	0.	0.	2	7.27	7.61	2.72	.22	-.76	CLAYEY SILT	S
250	2141	4.60	1.87	8.40	1.25	6.30	1.18	3	7.12	7.4	2.64	.23	-.65	CLAYEY SILT	S
250	2142	4.50	1.51	8.50	1.08	0.	0.	2	6.6	6.83	3.16	.15	-.77	SAN SIL CLY	N2
250	2143	7.50	1.96	0.	0.	0.	0.	1	8.26	8.76	2.73	.18	-.56	SILTY CLAY	N2
250	2144	7.5	2.19	0.	0.	0.	0.	1	7.92	8.16	1.97	.16	-.47	CLAYEY SILT	N2
250	2145	7.40	2.38	0.	0.	0.	0.	1	7.65	7.88	1.89	.24	-.2	CLAYEY SILT	N2
250	2146	9.40	1.52	6.50	1.46	0.	0.	2	8.54	8.51	2.42	.09	-.76	SILTY CLAY	N2
250	2147	9.50	2.22	6.30	1.46	0.	0.	2	8.24	7.96	2.1	-.02	-.97	SILTY CLAY	N2
250	2148	4.60	1.95	6.50	1.69	0.	0.	2	6.51	6.86	2.41	.27	-.44	CLAYEY SILT	N2
250	2149	2.40	3.92	0.	0.	0.	0.	1	2.37	2.39	.91	.03	-.62	SAND	N1
250	2150 A	3.40	1.70	8.50	0.70	0.	0.	2	4.91	5.82	3.19	.13	-1.36	SAN SIL CLY	S
250	2151	9.50	1.56	6.80	1.50	0.	0.	2	7.96	8.13	2.4	.13	-.64	CLAYEY SILT	N2
250	2152	3.50	3.30	6.70	0.81	0.	0.	2	4.35	5.4	2.57	.45	-.25	SILTY SAND	S
250	2153	4.40	1.56	7.60	1.17	0.	0.	2	6.0	6.17	3.02	.07	-.64	SAN SIL CLY	N2

CODE #	STATION #	MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	2154	9.50	1.66	7.50	1.45	3.50	0.63	3	8.18	8.09	2.75	-.07	--.57	SILTY CLAY	N2
250	2155	7.70	1.89	0.	0.	0.	0.	1	8.47	8.7	2.28	.15	--.56	SILTY CLAY	N2
250	2156	7.90	1.39	4.70	1.01	2.50	0.64	3	7.39	7.13	3.13	--.03	--.68	CLAYEY SILT	N2
250	2157	7.60	1.63	0.	0.	0.	0.	1	7.65	7.77	2.24	.16	--.67	CLAYEY SILT	N2
250	2158	6.70	1.52	4.90	1.46	0.	0.	2	7.45	7.69	2.42	.27	--.44	CLAYEY SILT	N2
250	2159	4.80	1.79	0.	0.	0.	0.	1	6.87	7.22	2.34	.23	--.65	CLAYEY SILT	S
250	2160	4.00	1.76	1.70	1.22	7.40	0.87	3	4.57	5.25	2.87	.27	--.59	SANDY SILT	S
250	2161	7.30	1.99	4.70	1.91	9.50	0.83	3	6.58	6.85	2.19	.33	--.16	SILT	N2
250	2162	7.70	1.69	4.90	1.27	0.	0.	2	7.57	7.73	2.24	.19	--.57	CLAYEY SILT	N2
250	2163	8.10	1.50	0.	0.	0.	0.	1	8.28	8.41	2.43	.11	--.71	SILTY CLAY	N2
250	2164	8.30	1.77	6.90	1.67	0.	0.	2	8.39	8.61	2.2	.17	--.51	SILTY CLAY	N2
250	2165	7.70	1.62	0.	0.	0.	0.	1	8.28	8.43	2.36	.13	--.63	SILTY CLAY	N2
250	2166	4.40	1.37	7.40	0.87	0.	0.	2	6.82	7.21	3.81	.14	--.49	SAN SIL CLY	N2
250	2167	4.00	1.44	7.80	0.98	0.	0.	2	6.47	6.75	3.28	.17	--.76	SAN SIL CLY	S
250	2168	8.30	1.46	5.60	1.21	0.	0.	2	8.39	8.55	2.66	.16	--.65	SILTY CLAY	N2
250	2169	7.60	1.46	4.70	1.40	0.	0.	2	7.39	7.44	2.51	.09	--.79	CLAYEY SILT	N2
250	2170	7.60	1.63	4.70	1.22	0.	0.	2	7.81	7.87	2.26	.12	--.73	CLAYEY SILT	N2
250	2171	4.20	1.70	6.70	1.06	0.	0.	2	5.15	5.71	2.67	.23	--.63	SAN SIL CLY	M
250	2172	4.10	2.25	1.70	1.11	0.	0.	2	4.24	4.81	2.74	.35	.01	SILTY SAND	N2
250	2173	2.60	2.03	4.40	1.71	0.	0.	2	4.63	5.19	2.57	.35	--.34	SANDY SILT	S
250	2174	4.50	2.52	0.	0.	0.	0.	1	5.8	6.41	2.54	.32	--.35	CLAYEY SILT	S
250	2175	1.60	5.13	0.	0.	0.	0.	1	1.83	2.23	1.42	1.33	10.4	SAND	S
250	2176	2.50	3.55	0.	0.	0.	0.	1	2.52	2.53	.98	--.01	--.45	SAND	N1
250	2177	3.60	4.95	0.	0.	0.	0.	1	3.77	4.18	1.62	1.06	4.85	SILTY SAND	S
250	2178	5.70	1.59	0.	0.	0.	0.	1	6.82	7.08	2.28	.23	--.5	CLAYEY SILT	N2
250	2179	6.20	1.90	0.	0.	0.	0.	1	6.73	7.0	2.14	.29	--.11	CLAYEY SILT	N2
250	2180	4.60	1.70	7.30	1.39	0.	0.	2	6.96	7.15	2.44	.18	--.64	CLAYEY SILT	N2
250	2181	3.90	3.79	0.	0.	0.	0.	1	4.19	4.75	1.96	.76	1.79	SANDY SILT	S
250	2182	3.50	5.40	0.	0.	0.	0.	1	3.71	4.04	1.49	1.2	6.63	SILTY SAND	S
250	2183	4.20	3.84	0.	0.	0.	0.	1	4.37	4.9	1.85	.73	1.62	SANDY SILT	S
250	2185	4.50	2.61	6.40	1.05	0.	0.	2	5.38	6.08	2.34	.26	--.83	CLAYEY SILT	S
250	2186	4.40	2.74	0.	0.	0.	0.	1	4.72	5.6	2.71	.43	.06	SAN SIL CLY	N2
250	2188	4.50	2.05	8.20	1.20	0.	0.	2	6.91	7.19	2.71	.24	--.6	CLAYEY SILT	S
250	2189	4.60	1.74	7.40	1.50	0.	0.	2	7.0	7.13	2.46	.16	--.67	CLAYEY SILT	N2
250	2190	3.50	3.50	0.	0.	0.	0.	1	3.65	4.23	2.22	.74	1.72	SILTY SAND	S
250	2191 A	3.50	3.20	0.	0.	0.	0.	1	3.37	3.58	1.87	.68	2.63	SILTY SAND	N4
250	2192	4.50	2.54	8.00	1.13	0.	0.	2	6.54	6.99	2.7	.31	--.49	CLAYEY SILT	S
250	2193	3.50	4.30	0.	0.	0.	0.	1	3.5	3.8	1.68	.9	4.12	SILTY SAND	S
250	2194	3.60	3.16	6.60	0.90	0.	0.	2	4.51	5.45	2.52	.41	--.31	SANDY SILT	S
250	2195	4.50	2.32	8.30	1.02	0.	0.	2	5.73	6.38	2.76	.27	--.54	CLAYEY SILT	N2
250	2196	3.50	5.10	0.	0.	0.	0.	1	3.66	4.1	1.67	1.04	4.82	SILTY SAND	S
250	2197	8.60	1.74	0.	0.	0.	0.	1	9.88	9.92	2.17	.02	--.32	CLAY	N2
250	2200	4.50	1.62	2.60	1.33	7.80	0.98	3	6.01	6.57	3.09	.25	--.66	SAN SIL CLY	S
250	2201	3.70	1.94	7.40	0.94	0.	0.	2	5.15	5.86	3.03	.19	--.49	SAN SIL CLY	N2
250	2202	3.50	4.50	0.	0.	0.	0.	1	3.39	3.51	1.85	.62	4.03	SAND	S
250	2203	4.00	2.01	7.30	0.85	0.	0.	2	4.76	5.62	2.69	.33	--.62	SAN SIL CLY	S
250	2204	3.40	1.53	-7.50	1.52	0.	0.	2	2.31	1.2	5.23	--.19	--.75		N3
250	2205	3.40	3.77	0.	0.	0.	0.	1	3.36	3.7	1.91	.87	3.47	SILTY SAND	S
250	2206	4.30	3.11	8.20	0.72	0.	0.	2	4.75	5.8	2.58	.5	--.01	SAN SIL CLY	S
250	2209	6.70	1.85	4.60	1.49	0.	0.	2	7.23	7.49	2.24	.21	--.53	CLAYEY SILT	S
250	2210	3.50	4.10	0.	0.	0.	0.	1	3.40	3.54	4.84	0.34	1.16	GVL + 10 %	
250	2211	4.60	2.48	8.30	1.02	0.	0.	2	6.02	6.71	2.48	.32	--.58	CLAYEY SILT	S
250	2212	4.60	1.96	7.40	1.23	0.	0.	2	6.82	7.11	2.54	.21	--.74	CLAYEY SILT	S
250	2220	5.70	1.25	10.40	1.11	0.	0.	2	8.12	8.40	2.90	0.16	-0.79	SILTY CLAY	
250	2221	4.60	1.57	10.50	1.17	2.40	0.91	5	7.86	7.91	3.89	0.05	-1.01	SILTY CLAY	
250	2222	10.60	1.96	8.60	0.97	0.	0.	2	10.74	10.62	2.56	-0.11	-0.33	CLAY	
250	2223	10.60	1.54	8.60	1.22	0.	0.	2	10.20	10.15	2.66	0.01	-0.54	CLAY	
250	2224	10.50	1.73	8.00	1.41	13.50	1.08	3	10.03	10.06	2.50	0.09	-0.59	CLAY	
250	2225	4.50	3.24	6.40	0.85	0.	0.	2	4.86	6.04	2.98	0.58	0.40	SAN SIL CLY	
250	2226	4.50	1.85	10.30	1.08	8.70	1.06	3	7.89	7.91	3.17	0.11	-0.89	SILTY CLAY	
250	2227 A	3.50	6.80	0.	0.	0.	0.	1	3.37	3.31	0.64	-0.27	0.40	SAND	
250	2228	4.60	1.36	10.50	1.13	8.40	0.71	3	7.58	8.08	3.49	0.17	-0.89	SILTY CLAY	
250	2229	2.60	6.28	0.	0.	0.	0.	1	2.77	2.86	0.64	0.18	-0.38	SAND	
250	2230	3.40	5.64	0.	0.	0.	0.	1	3.26	3.23	0.71	-0.06	-0.26	SAND	
250	2231	2.70	5.67	0.	0.	0.	0.	1	2.85	2.91	0.65	0.08	-0.56	SAND	
250	2232	1.80	3.90	0.	0.	0.	0.	1	2.33	2.51	1.07	0.37	0.32	SAND	
250	2233	2.50	7.80	0.	0.	0.	0.	1	2.54	2.58	0.52	0.15	0.10	SAND	
250	2234	4.50	4.21	2.50	1.10	0.	0.	2	4.91	5.77	2.62	0.57	0.67	CLAYEY SILT	
250	2235	2.50	5.90	0.	0.	0.	0.	1	2.58	2.73	0.92	0.48	1.27	SAND	
250	2236	5.30	2.09	10.40	0.62	1.40	0.61	3	5.97	6.42	3.02	0.18	0.17	CLAYEY SILT	
250	2237	6.20	1.41	3.80	1.07	0.	0.	2	6.30	6.79	3.27	0.31	-0.25	SAN SIL CLY	
250	2238	1.60	3.88	4.60	1.04	6.40	0.67	3	2.44	4.19	3.38	0.56	0.10	SILTY SAND	
250	2239	6.50	1.79	10.40	1.26	0.	0.	2	7.89	8.32	2.47	0.20	-0.72	CLAYEY SILT	
250	2240	7.30	1.50	10.40	1.49	0.	0.	2	8.29	8.52	2.47	0.09	-0.84	SILTY CLAY	
250	2241	5.70	1.67	10.50	1.12	0.	0.	2	7.75	8.25	2.81	0.22	-0.71	CLAYEY SILT	
250	2242	2.90	2.96	0.	0.	0.	0.	1	3.57	4.20	2.23	0.72	1.61	SILTY SAND	
250	2243	3.60	4.63	0.	0.	0.	0.	1	4.04	4.60	1.84	0.98	3.45	SILTY SAND	
250	2244	5.70	1.51	10.40	1.12	0.	0.	2	8.20	8.54	2.80	0.17	-0.68	SILTY CLAY	
250	2245	10.40	1.43	5.80	1.22	12.50	1.07	3	8.59	8.76	2.84	0.11	-0.87	SILTY CLAY	
250	2246	6.70	1.24	10.30	1.18	0.	0.	2	8.21	8.39	2.84	0.11	-0.71	SILTY CLAY	
250	2247	2.30	2.13	0.70	2.06	0.	0.	2	1.88	2.33	2.70	0.74	2.46	SAND	
250	2248	1.10	2.30	3.50	1.40	0.	0.	2	1.51	2.05	2.59	0.72	2.74	SAND	
250	2249	2.70	4.88	0.	0.	0.	0.	1	2.97	3.18	1.34	1.75	16.25	SAND	
250	2250	-0.50	7.40	-2.50	0.75	0.	0.	2	-0.50	-0.48	0.95	0.27	3.07	GVL + 10 %	
250	2251	1.30	3.66	0.	0.	0.	0.	1	1.40	1.54	1.54	0.03	2.58	SAND	
250	2252	2.40	4.86	0.	0.	0.	0.	1	2.25	2.19	1.07	-0.64	4.83	SAND	
250	2253	1.50	5.00	0.	0.	0.	0.	1	1.61	1.64	1.07	-0.04	2.03	SAND	
250	2254	1.50	5.30	0.	0.	0.	0.	1	1.63	1.64	1.20	-0.27	2.14	SAND	
250	2255	0.80	1.70	10.30	0.80	0.	0.	2	6.08	6.62	5.44	0.21	-1.10	CLAYEY SAND	
250	2256	1.50	6.10	0.	0.	0.	0.	1	1.54	1.57	1.02	-0.29	6.50	SAND	

CODE #	STATION #	MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	2257	0.90	4.70	0.	0.	0.	0.	1	1.01	1.03	0.97	-0.27	3.89	SAND	
250	2258	0.50	5.50	-1.40	0.71	0.	0.	2	0.64	0.67	1.01	0.01	1.07	SAND	
250	2259	2.40	4.75	0.	0.	0.	0.	1	2.30	2.35	0.84	0.17	-0.08	SAND	
250	2260	1.90	4.98	0.	0.	0.	0.	1	2.02	2.09	0.77	0.28	0.58	SAND	
250	2261	1.70	5.86	0.	0.	0.	0.	1	1.84	1.91	0.64	0.10	-0.57	SAND	
250	2262	2.65	6.68	1.85	6.04	0.	0.	2	2.37	2.37	0.56	0.19	0.09	SAND	
250	2263	1.60	5.74	0.	0.	0.	0.	1	1.75	1.82	0.74	0.28	0.78	SAND	
250	2264	0.90	3.44	0.	0.	0.	0.	1	1.35	1.47	1.11	0.14	-0.54	SAND	
250	2265	0.50	7.30	0.	0.	0.	0.	1	0.54	0.64	0.77	0.84	4.80	SAND	
250	2266	1.30	4.26	0.	0.	0.	0.	1	1.27	1.29	0.96	0.05	0.18	SAND	
250	2267	1.50	4.00	0.	0.	0.	0.	1	1.49	1.50	1.14	0.03	-0.23	SAND	
250	2268	1.50	3.40	0.	0.	0.	0.	1	1.44	1.39	1.15	-0.15	-0.04	SAND	
250	2269	1.30	5.04	0.	0.	0.	0.	1	1.20	1.24	0.77	0.20	0.13	SAND	
250	2270	0.50	6.70	0.	0.	0.	0.	1	0.61	0.70	0.74	0.61	3.21	SAND	
250	2271	1.70	3.36	0.	0.	0.	0.	1	1.86	1.86	1.25	-0.08	0.17	SAND	
250	2272	0.50	6.30	0.	0.	0.	0.	1	0.55	0.68	0.95	0.69	3.34	SAND	
250	2273	0.60	6.64	0.	0.	0.	0.	1	0.72	0.83	0.67	0.43	1.47	SAND	
250	2274	1.40	3.22	0.	0.	0.	0.	1	1.55	1.68	1.26	0.14	-0.25	SAND	
250	2275	2.90	5.01	0.	0.	0.	0.	1	3.05	3.64	2.18	1.36	6.66	SAND	
250	2276	2.40	2.92	0.	0.	0.	0.	1	2.79	4.25	3.57	0.66	0.54	CLAYEY SAND	
250	2277 A	1.50	8.30	0.	0.	0.	0.	1	1.52	1.56	0.52	0.39	2.08	SAND	
250	2278	1.65	7.63	0.	0.	0.	0.	1	1.60	1.59	0.59	0.01	-0.06	SAND	
250	2279	1.75	6.60	-1.75	1.80	-0.25	0.60	3	1.70	1.46	1.25	-0.71	1.69	SAND	
250	2280	3.25	10.40	4.75	0.80	0.	0.	2	3.13	3.10	0.57	0.28	1.57	SAND	
250	2281	3.15	7.10	4.75	1.20	0.	0.	2	2.90	2.83	0.81	0.14	0.49	SAND	
250	2282	3.25	9.80	4.75	1.00	0.	0.	2	3.16	3.20	0.53	0.52	2.22	SAND	
250	2283	3.15	6.88	-1.75	1.60	0.	0.	2	2.96	2.73	1.16	-1.29	7.78	SAND	
250	2284	3.15	6.29	2.55	5.57	-0.25	0.80	4	2.72	2.49	1.18	-0.96	4.27	SAND	
250	2285	3.25	10.80	0.	0.	0.	0.	1	3.20	3.19	0.38	-0.05	-0.24	SAND	
250	2286	2.70	2.27	10.40	0.86	0.	0.	2	6.20	6.85	3.90	0.20	-1.18	SAN SIL CLY	
250	2287	2.50	3.30	0.60	0.81	0.	0.	2	2.83	4.06	3.61	0.64	0.73	CLAYEY SAND	
250	2288	1.75	9.00	0.	0.	0.	0.	1	1.77	1.83	0.55	0.17	-0.03	SAND	
250	2289	3.15	10.85	4.25	0.60	0.	0.	2	3.08	3.08	0.38	0.27	1.29	SAND	
250	2290	1.85	6.75	0.85	0.63	0.	0.	2	2.13	2.17	0.64	-0.09	0.05	SAND	
250	2291	3.25	10.40	0.	0.	0.	0.	1	3.30	3.35	0.45	0.32	0.70	SAND	
250	2292	1.75	5.80	0.	0.	0.	0.	1	1.99	2.03	0.64	0.08	-0.66	SAND	
250	2293	3.25	7.40	4.15	1.21	0.	0.	2	2.98	2.75	0.97	-0.59	1.48	SAND	
250	2294	-1.75	5.20	1.05	4.64	-0.25	1.00	4	1.11	0.75	1.34	-0.27	-0.38	GVL + 10 %	
250	2295	2.75	8.80	0.	0.	0.	0.	1	2.84	2.85	0.43	0.03	-0.48	SAND	
250	2296	2.85	6.40	4.15	1.01	-1.75	1.00	3	2.73	2.50	1.23	-1.02	5.16	SAND	
250	2297	2.50	6.40	0.	0.	0.	0.	1	2.52	2.54	0.66	0.01	-0.07	SAND	
250	2298	2.35	5.77	3.05	5.74	0.	0.	2	2.68	2.70	0.62	0.21	0.39	SAND	
250	2300	9.50	1.38	2.50	1.10	6.70	0.79	3	8.22	7.72	3.73	-0.04	-0.99	SAN SIL CLY	
250	2301	9.50	1.10	7.50	1.09	2.70	1.03	4	7.82	7.89	3.56	0.09	-0.79	SILTY CLAY	
250	2302	0.60	6.26	0.	0.	0.	0.	1	0.76	0.88	0.73	0.51	2.06	SAND	
250	2303	1.50	6.00	0.	0.	0.	0.	1	1.70	2.29	2.19	1.20	6.35	SAND	
250	2304 A	1.40	4.65	0.	0.	0.	0.	1	1.29	1.30	0.83	0.04	-0.08	SAND	
250	2304 B	1.40	5.59	0.	0.	0.	0.	1	1.16	1.09	0.74	-0.40	1.62	SAND	
250	2304 C	1.60	6.93	0.	0.	0.	0.	1	1.69	1.78	0.60	0.22	-0.17	SAND	
250	2304 D	2.10	4.65	0.	0.	0.	0.	1	1.97	1.93	0.82	-0.21	0.35	SAND	
250	2305	1.50	7.40	0.	0.	0.	0.	1	1.65	1.78	0.66	0.49	1.04	SAND	
250	2306	0.50	2.80	-1.60	2.55	0.	0.	2	-1.09	-0.91	1.60	-0.04	-1.08	GVL + 10 %	
250	2307	2.40	5.84	4.40	0.51	0.	0.	2	2.31	2.35	0.80	0.36	1.22	SAND	
250	2308	2.60	7.02	0.	0.	0.	0.	1	2.69	2.79	0.61	0.28	-0.04	SAND	
250	2309	1.75	6.80	2.75	4.40	4.55	0.65	3	2.26	2.41	0.81	0.48	0.75	SAND	
250	2310	1.25	8.80	2.55	2.93	0.	0.	2	1.47	1.73	0.73	0.31	-0.70	SAND	
250	2311	1.35	4.99	2.65	4.06	-0.25	0.80	3	1.76	1.75	0.89	-0.32	0.35	SAND	
250	2312	0.65	7.36	2.25	2.40	0.	0.	2	0.81	1.12	0.86	0.34	-0.79	SAND	
250	2313	2.75	6.40	1.25	4.40	0.	0.	2	2.36	2.24	0.69	-0.13	-1.04	SAND	
250	2314	2.75	4.80	1.85	4.42	0.75	0.80	3	2.53	2.47	0.88	-0.10	-0.08	SAND	
250	2315	2.75	6.80	1.95	3.82	0.	0.	2	2.61	2.57	0.65	0.04	-0.19	SAND	
250	2316	0.45	6.47	-1.15	0.60	0.	0.	2	0.69	0.85	0.94	0.38	1.52	SAND	
250	2317	0.85	6.82	2.75	1.60	0.	0.	2	1.12	1.24	0.75	0.34	0.41	SAND	
250	2318	0.35	5.72	1.75	2.00	-1.25	0.80	3	0.48	0.56	1.01	0.11	0.58	SAND	
250	2319	1.75	4.40	0.75	3.80	2.75	3.40	4	1.65	1.68	1.08	0.01	-0.32	SAND	
250	2320	1.65	5.95	0.	0.	0.	0.	1	1.51	1.54	0.65	0.20	-0.19	SAND	
250	2321	3.55	9.02	0.	0.	0.	0.	1	3.58	3.61	0.41	0.18	-0.20	SAND	
250	2322	2.85	7.35	4.65	0.64	0.	0.	2	3.17	3.25	0.55	0.33	0.23	SAND	
250	2323	3.25	7.80	1.85	0.60	0.	0.	2	3.24	3.27	0.62	0.07	0.65	SAND	
250	2324	3.25	8.60	2.35	2.61	0.	0.	2	3.27	3.23	0.60	-0.09	0.16	SAND	
250	2325	0.15	5.01	-1.15	0.83	0.	0.	2	0.40	0.53	0.95	0.35	0.91	SAND	
250	2326	0.75	7.80	-1.15	1.82	-0.25	1.20	3	0.78	0.62	0.90	-0.33	0.11	SAND	
250	2327	0.25	7.20	-1.25	1.20	2.15	0.63	3	0.38	0.42	0.80	0.07	0.63	SILT	
250	2328	3.35	6.12	2.45	2.96	0.	0.	2	3.27	3.21	0.69	-0.06	-0.32	SAND	
250	2329	0.75	8.80	2.75	1.20	-1.75	0.80	3	0.95	1.01	0.91	-0.41	2.38	SAND	
250	2330	3.05	6.84	1.75	3.20	4.65	0.63	4	2.91	2.85	0.74	0.07	0.21	SAND	
250	2331	1.55	5.60	2.75	1.60	0.	0.	2	1.35	1.40	0.72	0.24	-0.08	SAND	
250	2332	3.35	6.04	1.75	4.80	0.	0.	2	3.13	2.92	0.85	-0.16	-1.02	SAND	
250	2333	2.75	7.20	3.65	5.68	0.	0.	2	3.09	3.14	0.57	-0.03	-0.61	SAND	
250	2334	2.60	4.23	0.	0.	0.	0.	1	3.14	3.64	1.78	0.96	3.92	SILTY SAND	
250	2335	2.50	8.10	0.	0.	0.	0.	1	2.45	2.44	0.50	-0.13	0.11	SAND	
250	2336	4.60	1.99	9.50	0.73	0.	0.	2	5.62	6.75	3.35	0.39	-0.39	CLAYEY SILT	
250	2337	2.50	5.30	5.50	0.56	0.	0.	2	2.76	3.62	2.31	0.91	2.52	SAND	
250	2338 A	3.50	2.10	10.40	0.62	0.	0.	2	4.21	5.30	4.06	0.25	-0.04	SAN SIL CLY	
250	2340	2.40	2.72	4.40	1.30	7.50	1.13	3	3.38	4.34	2.65	0.38	-0.53	SILTY SAND	
250	2341	1.45	5.69	1.05	5.67	2.75	1.20	3	1.32	1.41	0.75	0.48	1.12	SAND	
250	2342	2.50	5.10	-4.50	1.28	0.	0.	2	2.32	1.86	3.79	0.12	0.77	GVL + 10 %	
250	2343	2.25	10.80	4.25	1.20	0.	0.	2	2.35	2.50	0.62	0.74	2.15	SAND	
250	2344	2.50	7.00	0.	0.	0.	0.	1	2.52	2.51	2.29	0.44	5.99	SAND	
250	2345	2.25	6.00	5.15	0.51	0.	0.	2	2.54	2.71	0.84	0.52	0.99	SAND	

CODE #	STATION #	MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	2346	2.00	2.54	0.	0.	0.	0.	1	3.13	4.27	3.16	0.67	0.80	SILTY SAND	
250	2347	4.50	4.04	2.70	1.05	0.	0.	2	4.69	5.47	2.53	0.69	1.31	SANDY SILT	
250	2348	4.50	2.71	2.70	1.13	9.50	0.70	3	4.82	5.62	2.83	0.41	-0.11	SAN SIL CLY	
250	2349	1.75	8.40	2.75	5.60	3.75	1.20	3	2.17	2.37	0.76	0.39	-0.07	SAND	
250	2350	1.60	3.23	3.40	1.80	0.	0.	2	3.02	3.78	2.71	0.71	1.36	SILTY SAND	
250	2351	4.50	2.90	2.60	1.93	0.	0.	2	4.33	4.94	2.73	0.68	1.31	SANDY SILT	
250	2352	2.10	2.52	4.50	1.82	0.	0.	2	3.27	4.16	2.89	0.72	1.56	SILTY SAND	
250	2353	3.30	4.53	0.	0.	0.	0.	1	3.27	3.40	1.08	0.19	3.09	SAND	
250	2354	1.75	10.80	3.15	2.64	4.25	0.60	3	1.92	2.19	0.72	0.56	0.51	SAND	
250	2356	4.60	1.88	2.40	1.31	8.60	0.80	3	5.02	5.35	2.61	0.16	-0.82	SANDY SILT	
250	2357	4.70	1.97	9.30	0.86	0.	0.	2	5.39	5.90	2.43	0.27	-0.54	SAN SIL CLY	
250	2358	2.50	5.40	0.	0.	0.	0.	1	2.62	3.07	1.80	1.30	7.42	SAND	
250	2359	2.50	4.90	4.40	1.03	-1.50	1.01	3	2.38	2.05	1.76	-0.57	0.98	GVL + 10 %	
250	2360	1.75	8.80	3.15	2.32	0.	0.	2	2.02	2.19	0.66	0.42	0.85	SAND	
250	2361	4.60	2.43	2.50	1.30	10.50	0.55	3	5.02	6.15	3.54	0.47	-0.08	SAN SIL CLY	
250	2362	2.60	2.80	4.40	1.75	0.	0.	2	4.14	5.25	3.50	0.67	0.85	SILTY SAND	
250	2363	1.50	3.60	3.50	1.60	0.	0.	2	2.99	4.09	3.35	0.75	1.35	SILTY SAND	
250	2364	2.60	2.94	4.30	1.96	0.	0.	2	3.92	5.03	3.37	0.81	1.72	SILTY SAND	
250	2365	2.70	2.05	4.30	1.90	0.	0.	2	4.24	5.39	3.69	0.74	1.32	SILTY SAND	
250	2366	2.75	8.00	0.	0.	0.	0.	1	2.61	2.59	0.53	0.01	-0.33	SAND	
250	2367	2.60	2.71	4.40	1.77	0.	0.	2	4.08	5.18	3.45	0.69	0.97	SILTY SAND	
250	2368	2.50	2.70	4.40	1.43	0.	0.	2	3.69	5.01	3.64	0.65	0.69	SILTY SAND	
250	2369	3.60	2.10	0.	0.	0.	0.	1	4.18	5.45	3.90	0.82	1.80	SILTY SAND	
250	2370	1.60	3.72	4.40	1.14	0.	0.	2	2.46	3.88	3.54	0.91	2.55	SILTY SAND	
250	2371	2.60	2.94	0.	0.	0.	0.	1	3.63	4.83	3.27	0.73	1.11	SILTY SAND	
250	2372	1.35	7.24	0.	0.	0.	0.	1	1.44	1.56	0.71	0.75	3.41	SAND	
250	2373	1.25	7.80	3.65	1.40	0.	0.	2	1.70	2.07	1.01	0.37	-0.42	SAND	
250	2374	0.75	4.20	1.95	3.76	-1.05	0.88	4	1.79	1.73	1.42	0.10	0.37	SAND	
250	2376	1.85	8.26	3.15	1.69	0.85	0.80	3	2.01	2.06	0.58	0.11	0.37	SAND	
250	2377	2.25	9.60	4.25	0.80	0.	0.	2	2.45	2.57	0.57	0.58	1.57	SAND	
250	2378	2.20	3.29	0.	0.	0.	0.	1	2.64	3.26	2.19	0.95	3.46	SAND	
250	2379	1.95	7.34	0.	0.	0.	0.	1	2.14	2.18	0.51	0.14	-0.42	SAND	
250	2380	1.95	8.12	0.	0.	0.	0.	1	2.08	2.14	0.52	0.38	0.80	SAND	
250	2381	1.65	6.14	0.	0.	0.	0.	1	1.56	1.61	0.74	0.28	0.44	SAND	
250	2382	0.45	3.76	1.65	3.24	0.	0.	2	1.00	1.02	0.97	-0.06	-0.59	SAND	
250	2383	1.75	10.40	0.75	2.40	2.65	2.13	3	1.75	1.67	0.68	-0.41	1.26	SAND	
250	2384	1.75	10.80	0.25	1.20	0.	0.	2	1.84	1.87	0.76	-0.15	1.33	SAND	
250	2385	1.85	7.64	0.	0.	0.	0.	1	2.12	2.25	0.68	0.14	0.10	SAND	
250	2386	1.75	10.40	2.75	2.40	3.65	1.46	4	1.85	2.08	0.79	0.31	0.38	SAND	
250	2389	0.95	6.80	2.15	2.05	-0.15	0.63	3	1.12	1.22	0.72	0.14	0.16	SAND	
250	2392	0.85	6.14	-0.25	1.20	0.	0.	2	1.12	1.18	0.82	0.01	0.54	SAND	
250	2393	1.05	4.90	0.	0.	0.	0.	1	1.08	1.14	0.95	0.39	1.58	SAND	
250	2394	0.75	8.40	0.	0.	0.	0.	1	0.94	1.03	0.60	0.23	0.14	SAND	
250	2395	0.35	4.42	1.75	2.00	-1.25	1.80	3	0.36	0.43	1.01	0.24	0.51	SAND	
250	2396	1.15	6.49	2.25	2.40	3.15	0.83	4	1.11	1.17	0.93	0.02	0.47	SAND	
250	2397	1.35	6.57	3.15	0.83	-0.15	0.82	3	1.44	1.46	0.75	0.06	0.60	SAND	
250	2400	2.75	7.60	0.	0.	0.	0.	1	2.62	2.59	0.55	-0.02	-0.10	SAND	
250	2401	2.25	7.60	0.	0.	0.	0.	1	2.23	2.23	0.50	-0.15	0.35	SAND	
250	2402	1.25	4.40	2.45	4.19	0.	0.	2	1.71	1.74	0.86	-0.02	-1.07	SAND	
250	2403	1.75	7.60	2.65	5.30	0.75	0.60	3	2.08	2.13	0.60	-0.14	0.15	SAND	
250	2404	0.15	7.29	1.95	2.08	0.	0.	2	0.21	0.51	1.01	0.43	-0.23	SAND	
250	2405	2.75	7.60	1.75	5.60	0.	0.	2	2.44	2.31	0.67	-0.48	1.69	SAND	
250	2406	2.25	8.00	0.	0.	0.	0.	1	2.24	2.26	0.45	0.05	-0.56	SAND	
250	2407	1.75	6.60	0.	0.	0.	0.	1	1.93	1.97	0.59	0.01	-0.67	SAND	
250	2408	0.65	7.88	1.75	1.80	2.65	0.62	3	0.65	0.75	0.71	0.33	1.31	SAND	
250	2409	0.25	4.00	1.65	1.03	0.	0.	2	0.09	0.08	1.10	0.19	0.06	GVL + 10 %	
250	2410	0.75	6.40	-1.15	2.04	0.	0.	2	0.55	0.45	0.91	-0.07	0.09	SAND	
250	2411	0.35	8.37	1.65	0.62	0.	0.	2	0.45	0.54	0.73	0.68	3.71	SAND	
250	2412	1.05	5.83	-1.25	1.00	-0.15	0.81	3	1.10	1.03	0.92	-0.30	0.62	SAND	
250	2413	2.60	4.20	-3.30	1.59	0.	0.	2	2.31	0.96	2.78	-0.32	-1.26	GVL + 10 %	
250	2414	2.50	4.30	-3.20	0.92	-1.90	0.87	3	2.21	1.39	2.87	-0.28	-0.39	GVL + 10 %	
250	2415	2.50	5.60	0.	0.	0.	0.	1	2.65	3.00	1.70	1.35	8.88	SAND	
250	2416	-0.15	9.62	2.25	0.80	-1.25	0.60	3	-0.02	0.07	0.63	0.83	4.70	SAND	
250	2417	0.65	7.69	1.65	2.29	0.	0.	2	0.72	0.80	0.67	-0.01	1.04	SAND	
250	2418	1.25	5.60	2.35	4.44	0.35	0.66	3	1.97	1.94	0.88	-0.04	-0.05	SAND	
250	2419	0.75	10.00	-0.75	0.60	2.25	0.60	3	0.80	0.91	0.77	0.68	3.86	SAND	
250	2420	1.05	5.37	-0.25	2.00	0.	0.	2	1.18	1.22	0.83	0.02	-0.43	SAND	
250	2421	0.45	6.26	2.15	2.04	0.	0.	2	0.70	0.92	0.94	0.24	-0.03	SAND	
250	2422	1.75	9.40	2.75	5.20	0.	0.	2	2.03	2.17	0.54	0.16	-0.63	SAND	
250	2423	1.75	8.80	0.	0.	0.	0.	1	1.96	2.03	0.63	-0.17	1.40	SAND	
250	2424	1.75	9.20	0.	0.	0.	0.	1	2.02	2.15	0.59	0.08	0.30	SAND	
250	2425	3.15	5.63	0.35	0.60	0.	0.	2	2.58	2.47	0.78	-0.42	0.57	SAND	
250	2426	0.35	5.96	2.85	2.21	-1.25	0.60	3	0.60	0.98	1.29	0.17	-0.68	SAND	
250	2427	0.65	6.54	-1.15	2.28	2.25	1.40	3	0.48	0.50	1.13	0.25	0.05	GVL + 10 %	
250	2428	1.25	7.80	2.25	4.00	0.	0.	2	1.50	1.72	0.73	0.22	-0.73	SAND	
250	2429	1.25	5.20	2.25	4.00	3.65	0.63	3	1.82	1.86	0.82	0.07	-0.34	SAND	
250	2430	3.60	3.95	0.	0.	0.	0.	1	4.04	4.89	2.53	0.91	2.51	SILTY SAND	
250	2431	3.40	4.13	0.	0.	0.	0.	1	3.45	4.02	2.25	1.03	4.01	SILTY SAND	
250	2432	3.40	4.74	0.	0.	0.	0.	1	3.41	3.82	1.78	1.11	5.33	SAND	
250	2433	1.85	6.04	0.	0.	0.	0.	1	2.05	2.08	0.66	-0.03	-0.33	SAND	
250	2434	3.30	1.93	1.80	1.89	-1.50	0.56	3	3.03	3.86	3.65	0.63	1.17	SILTY SAND	
250	2435	1.70	4.21	0.	0.	0.	0.	1	2.17	2.66	1.81	1.17	6.75	SAND	
250	2436	3.40	4.46	0.50	0.90	0.	0.	2	3.18	3.25	1.73	0.93	6.89	SAND	
250	2437	3.20	3.65	5.30	1.15	0.	0.	2	3.40	3.80	1.73	0.97	4.74	SILTY SAND	
250	2438	-1.60	3.27	-4.30	2.39	0.	0.	2	-2.56	-2.62	1.53	0.31	0.92	GVL + 10 %	
250	2439	2.50	5.20	-1.50	1.77	0.	0.	2	2.30	1.88	1.85	-0.35	0.09	GVL + 10 %	
250	2440	1.90	4.25	-1.60	0.55	0.	0.	2	1.85	1.49	1.79	-0.67	1.81	GVL + 10 %	
250	2441	1.60	4.57	0.	0.	0.	0.	1	1.96	2.11	1.12	0.29	1.20	SAND	
250	2442	4.00	2.53	1.60	2.31	0.	0.	2	3.16	3.17	2.06	0.67	3.45	SILTY SAND	
250	2443	3.70	3.09	1.50	1.30	0.	0.	2	3.91	4.64	3.25	0.65	1.26	SILTY SAND	

CODE #	STATION #		MODE 1	MODE 1	MODE 2	MODE 2	MODE 3	MODE 3	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	2444		3.60	2.66	0.	0.	0.	0.	1	4.30	5.55	3.38	0.69	0.88	SILTY SAND	
250	2445		2.50	4.90	0.	0.	0.	0.	1	2.87	3.68	2.44	1.11	4.15	SAND	
250	2446		4.30	2.16	10.70	0.87	0.	0.	2	4.60	6.04	3.83	0.54	0.10	SAN SIL CLY	
250	2447		2.30	2.13	0.70	2.06	0.	0.	2	1.88	2.33	2.70	0.74	2.46	SAND	
250	2448		1.10	2.30	3.50	1.40	0.	0.	2	1.51	2.05	2.59	0.72	2.74	SAND	
250	2449		3.50	3.80	0.	0.	0.	0.	1	3.60	4.41	2.83	1.03	3.65	SILTY SAND	
250	2450		4.50	3.25	13.40	0.50	0.	0.	2	4.66	5.76	3.09	0.68	0.47	SAN SIL CLY	
250	2451		4.40	2.96	0.	0.	0.	0.	1	4.84	6.21	3.39	0.67	0.87	SAN SIL CLY	
250	2452		-3.40	3.30	2.50	2.20	4.50	1.57	3	-2.03	-0.32	3.20	0.17	-1.55	GVL + 10 %	
250	2453		2.70	3.56	0.	0.	0.	0.	1	2.67	2.60	1.13	-0.18	0.12	SAND	
250	2454		4.40	3.40	0.	0.	0.	0.	1	4.80	5.93	2.82	0.68	0.81	SANDY SILT	
250	2455		4.50	3.55	0.	0.	0.	0.	1	4.77	5.95	3.34	0.62	0.65	SAN SIL CLY	
250	2456		4.50	2.49	2.30	2.12	0.	0.	2	4.05	4.69	3.18	0.69	1.19	SILTY SAND	
250	2457		4.50	2.96	0.	0.	0.	0.	1	4.67	5.93	3.57	0.71	1.07	SAN SIL CLY	
250	2458		2.60	2.51	4.40	2.44	0.	0.	2	4.04	4.89	3.16	0.74	1.32	SILTY SAND	
250	2459		0.60	2.14	4.40	1.63	-1.80	0.81	3	1.48	1.42	2.27	-0.19	-0.62	GVL + 10 %	
250	2460		4.40	3.33	2.60	2.24	0.	0.	2	4.19	4.96	3.01	0.82	1.85	SILTY SAND	
250	2461		1.90	2.14	-2.50	1.22	0.	0.	2	1.91	1.28	2.77	-0.22	-0.79	GVL + 10 %	
250	2462		4.80	2.29	9.50	0.72	0.	0.	2	6.26	7.42	3.14	0.38	-0.51	CLAYEY SILT	
250	2464		2.60	4.85	-1.50	0.83	0.	0.	2	2.72	2.50	1.86	-0.66	1.79	SAND	
250	2465		2.60	3.01	-4.50	1.19	0.	0.	2	2.48	1.95	3.65	-0.01	0.36	GVL + 10 %	
250	2466		1.60	2.10	-2.50	1.54	0.	0.	2	1.00	0.37	2.42	-0.12	-1.26	GVL + 10 %	
250	2467		-5.40	2.81	2.30	2.15	0.	0.	2	-3.33	-1.56	3.70	0.11	-1.68	GVL + 10 %	
250	2468		4.40	1.87	-3.30	0.71	10.50	0.55	3	4.40	4.91	4.74	0.07	-0.38	GVL + 10 %	
250	2469		3.30	2.52	0.	0.	0.	0.	1	3.71	4.72	3.16	0.70	1.16	SILTY SAND	
250	2470		1.50	2.80	-2.50	1.94	0.	0.	2	-1.13	-0.53	2.50	0.02	-1.30	GVL + 10 %	
250	2471		4.80	1.37	10.30	0.85	-3.40	0.51	3	6.56	7.02	4.81	-0.16	-0.25	SAN SIL CLY	
250	2472		1.50	3.80	-2.50	1.45	0.	0.	2	1.32	0.63	2.55	-0.05	-0.31	GVL + 10 %	
250	2473		1.50	7.00	-2.30	0.55	0.	0.	2	1.49	1.21	1.35	-0.89	3.17	GVL + 10 %	
250	2474	A	-3.00	2.08	4.50	1.03	2.60	0.55	4	3.45	3.23	5.86	0.16	-1.21	GVL + 10 %	
250	2475		-2.50	4.34	0.50	1.25	0.	0.	2	-2.17	-1.68	1.66	0.68	1.63	GVL + 10 %	
250	2476		1.50	5.60	-1.50	0.63	0.	0.	2	1.45	1.02	1.87	-0.70	2.21	GVL + 10 %	
250	2478		1.60	4.71	-4.20	0.55	0.	0.	2	1.65	1.20	2.17	-0.70	1.29	GVL + 10 %	
250	2479		1.40	4.02	-1.50	1.84	0.	0.	2	0.88	0.42	1.54	-0.26	-0.68	GVL + 10 %	
250	2507	A	4.50	2.72	1.30	1.01	0.	0.	2	4.67	5.11	3.15	0.32	-0.01	SANDY SILT	
250	2507	B	4.50	2.60	0.70	1.03	0.	0.	2	4.72	5.06	3.20	0.27	-0.05	SANDY SILT	
250	2507	C	4.50	2.59	1.40	1.31	0.	0.	2	4.62	4.96	3.21	0.33	-0.02	SANDY SILT	
250	2507	D	4.60	2.35	0.60	1.37	0.	0.	2	4.82	5.20	3.50	0.30	-0.11	SANDY SILT	
250	2507	E	4.50	2.96	1.40	1.21	0.	0.	2	4.50	4.99	3.37	0.49	0.57	SANDY SILT	
250	2507	F	4.50	3.22			0.	0.	1	4.75	5.45	3.15	0.48	0.72	SANDY SILT	
250	2507	G	4.50	2.51	1.40	1.10	0.	0.	2	4.67	5.16	3.39	0.40	0.19	SANDY SILT	
250	2507	H	4.50	2.71	1.40	0.90	0.	0.	2	4.75	5.50	3.58	0.44	0.39	SAN SIL CLY	
250	2507	I	0.50	2.50	4.50	1.73	0.	0.	2	2.93	3.55	3.34	0.42	-0.14	SILTY SAND	
250	2507	J	4.50	2.30	1.30	1.74	0.	0.	2	4.34	4.57	3.44	0.46	0.32	SANDY SILT	
250	2543	A	2.25	5.00	0.	0.	0.	0.	1	2.23	2.24	0.40	0.10	-0.28	SAND	
250	2543	B	2.25	5.50	0.	0.	0.	0.	1	2.38	2.40	0.36	0.08	-0.26	SAND	
250	2543	C	2.25	3.70	0.	0.	0.	0.	1	2.29	2.30	0.41	0.02	-0.52	SAND	
250	2543	D	2.25	5.50	0.	0.	0.	0.	1	2.34	2.35	0.36	-0.00	-0.32	SAND	
250	2543	E	2.65	3.98	1.85	3.42	0.	0.	2	2.28	2.28	0.46	-0.05	-1.12	SAND	
250	2543	F	2.75	5.00	0.	0.	0.	0.	1	2.53	2.47	0.43	-0.23	-0.51	SAND	
250	2543	G	2.35	4.70	0.	0.	0.	0.	1	2.38	2.38	0.39	-0.05	-0.48	SAND	
250	2543	H	2.25	4.10	0.	0.	0.	0.	1	2.27	2.28	0.43	0.01	-0.75	SAND	
250	2543	I	2.35	4.14	0.	0.	0.	0.	1	2.31	2.31	0.43	-0.03	-0.73	SAND	
250	2543	J	2.35	4.39	0.	0.	0.	0.	1	2.38	2.38	0.42	-0.02	-0.50	SAND	
250	2551	A	1.70	1.75	-2.40	0.60	-4.30	0.57	3	1.78	1.59	3.98	0.09	-0.02	GVL + 10 %	
250	2551	B	3.60	1.10	-4.40	0.66	7.40	0.60	3	4.15	4.45	5.15	0.03	-0.61	GVL + 10 %	
250	2551	C	1.60	2.01	-4.50	0.57	0.	0.	2	2.23	2.45	4.45	0.09	0.26	GVL + 10 %	
250	2551	D	1.80	1.67	-4.40	0.77	-6.50	0.69	3	1.92	1.49	4.45	0.07	-0.17	GVL + 10 %	
250	2551	E	2.50	2.50	0.	0.	0.	0.	1	2.76	3.04	3.58	0.14	0.75	GVL + 10 %	
250	2551	F	1.70	1.95	3.30	1.62	0.	0.	2	2.53	2.78	3.72	0.29	0.80	GVL + 10 %	
250	2551	G	1.70	2.47	0.	0.	0.	0.	1	2.61	3.27	3.23	0.40	0.97	SILTY SAND	
250	2551	H	1.50	2.20	3.40	1.21	0.	0.	2	2.33	3.04	3.98	0.32	0.30	GVL + 10 %	
250	2551	I	1.70	2.47	0.	0.	0.	0.	1	2.43	3.06	3.60	0.40	1.10	SILTY SAND	
250	2551	J	2.50	2.40	0.	0.	0.	0.	1	2.88	3.40	3.68	0.31	0.70	GVL + 10 %	
250	2560	A	8.60	1.48	5.80	1.07	0.	0.	2	8.81	8.88	2.46	0.10	-0.57	SILTY CLAY	
250	2562	A	8.20	1.65	0.	0.	0.	0.	1	9.02	9.10	2.21	0.04	-0.62	SILTY CLAY	
250	2562	B	7.60	1.63	9.50	1.47	0.	0.	2	9.20	9.33	2.48	0.12	-0.61	SILTY CLAY	
250	2562	C	8.50	1.56	10.30	1.55	0.	0.	2	9.16	9.28	2.37	0.09	-0.49	SILTY CLAY	
250	2562	D	10.40	1.65	8.50	1.60	0.	0.	2	9.25	9.32	2.30	0.09	-0.45	SILTY CLAY	
250	2562	E	8.40	1.74	10.30	1.60	0.	0.	2	8.96	9.04	2.14	0.05	-0.58	SILTY CLAY	
250	2562	F	8.40	1.67	10.20	1.57	0.	0.	2	9.02	9.09	2.17	0.04	-0.58	SILTY CLAY	
250	2562	G	10.50	1.66	7.90	1.48	0.	0.	2	9.42	9.46	2.34	0.06	-0.59	SILTY CLAY	
250	2562	H	10.50	1.68	7.90	1.60	0.	0.	2	9.28	9.36	2.25	0.11	-0.55	SILTY CLAY	
250	2562	I	10.40	1.63	8.00	1.59	0.	0.	2	9.18	9.28	2.30	0.07	-0.50	SILTY CLAY	
250	2562	J	10.40	1.68	7.80	1.61	0.	0.	2	9.16	9.25	2.27	0.09	-0.49	SILTY CLAY	
250	2564	A	0.50	5.00	-4.40	1.23	0.	0.	2	0.08	-1.00	2.16	-0.40	-0.87	GVL + 10 %	
250	2567	A	1.40	3.22	-4.40	1.45	0.	0.	2	0.44	-0.77	2.72	-0.31	-1.00	GVL + 10 %	
250	2568	A	8.90	1.28	4.60	0.92	0.	0.	2	8.47	8.42	3.14	0.03	-0.73	SILTY CLAY	
250	2759		3.60	3.17	6.40	0.67	9.00	0.55	3	4.50	5.48	3.11	0.22	0.29	SAN SIL CLAY	
250	2760		4.60	1.91	6.20	1.12	9.40	0.95	3	6.90	7.49	3.13	0.27	-0.59	CLAYEY SILT	
250	2761		1.60	2.31	-1.50	1.80	4.30	0.55	3	1.50	1.79	2.74	0.55	1.32	GVL + 10 %	
250	2762		-3.40	5.42	0.00	0.00	0.00	0.00	1	-3.08	-2.62	1.51	1.04	4.50	GVL + 10 %	
250	2763		-5.40	4.15	0.00	0.00	0.00	0.00	1	-4.71	-4.07	1.89	0.74	1.69	GVL + 10 %	
250	2767		1.60	3.12	4.50	2.80	0.00	0.00	2	2.49	3.02	2.14	0.58	2.49	SILTY SAND	
250	2769		10.50	1.39	7.10	1.12	0.00	0.00	2	9.57	9.59	3.05	0.13	-0.51	SILTY CLAY	
250	2771		5.80	2.01	0.00	0.00	0.00	0.00	1	7.20	7.56	2.17	0.27	-0.45	CLAYEY SILT	
250	2772		3.50	5.00	10.40	0.75	0.00	0.00	2	3.98	4.93	2.25	0.73	0.95	SILTY SAND	
250	3116		2.40	5.98	0.00	0.00	0.00	0.00	1	2.21	2.19	0.64	-0.07	-0.57	SAND	
250	3117		-5.20	3.36	0.00	0.00	0.00	0.00	1	-4.43	-4.08	1.56	0.63	1.46	GVL + 10 %	
250	3118		-1.50	8.20	0.50	1.10	0.00	0.00	2	-1.43	-1.20	0.88	0.92	3.63	GVL + 10 %	

CODE #	STATION #	MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	3120	0.50	5.20	-1.40	2.42	0.00	0.00	2	0.17	0.01	1.19	0.33	1.89	GVL + 10 %	
250	3121	2.40	1.97	4.50	0.76	6.30	0.50	3	2.79	4.01	3.70	0.38	-0.28	SILTY SAND	
250	3122	2.10	2.94	5.10	0.58	0.00	0.00	2	2.77	3.92	3.11	0.75	1.25	SILTY SAND	
250	3123	2.30	4.99	0.00	0.00	0.00	0.00	1	2.26	2.34	0.85	0.32	0.51	SAND	
250	3124	3.50	4.56	0.00	0.00	0.00	0.00	1	3.52	4.24	2.59	0.90	3.39	SILTY SAND	
250	3125	-0.50	4.44	-2.30	1.40	0.00	0.00	2	-0.73	-0.85	1.46	0.25	1.45	GVL + 10 %	
250	3126	0.60	5.95	0.00	0.00	0.00	0.00	1	0.79	0.91	0.73	0.29	-0.01	SAND	
250	3127	0.50	8.70	0.00	0.00	0.00	0.00	1	0.46	0.52	0.76	1.37	15.06	SAND	
250	3128	-0.40	4.96	0.00	0.00	0.00	0.00	1	-0.26	-0.24	0.79	0.08	0.36	GVL + 10 %	
250	3129	1.60	5.80	0.00	0.00	0.00	0.00	1	1.83	1.91	0.68	0.17	-0.33	SAND	
250	3130	0.60	5.05	-1.50	0.60	0.00	0.00	2	0.82	1.12	1.83	1.47	12.08	SAND	
250	3131	4.50	2.48	2.30	1.22	7.30	0.81	4	4.78	5.15	2.71	0.17	-0.55	SANDY SILT	
250	3132	4.10	3.14	10.40	0.60	0.00	0.00	2	4.20	4.89	2.25	0.62	0.66	SANDY SILT	
250	3133	4.50	4.48	7.40	0.78	10.40	0.74	3	4.98	5.77	2.05	0.52	0.22	SILT	
250	3134	4.30	2.37	11.50	0.70	6.30	0.51	3	4.20	4.81	2.97	0.39	0.18	SILTY SAND	
250	3135	0.60	6.18	0.00	0.00	0.00	0.00	1	0.78	0.86	0.69	0.25	1.08	SAND	
250	3136	-0.30	5.03	0.00	0.00	0.00	0.00	1	-0.13	-0.09	0.77	0.15	0.28	SAND	
250	3137	0.50	6.80	0.00	0.00	0.00	0.00	1	0.61	0.67	0.68	0.24	1.02	SAND	
250	3138	-1.50	4.30	2.30	1.53	0.00	0.00	2	-0.57	0.79	3.08	0.85	2.69	GVL + 10 %	
250	3139	0.50	6.12	0.00	0.00	0.00	0.00	1	0.28	0.16	0.83	-0.20	0.74	SAND	
250	3140	-0.50	7.05	0.00	0.00	0.00	0.00	1	-0.43	-0.39	0.59	0.10	0.02	SAND	
250	3141	0.50	6.00	0.00	0.00	0.00	0.00	1	0.34	0.28	0.75	-0.15	0.43	SAND	
250	3142	2.40	5.60	0.00	0.00	0.00	0.00	1	2.15	2.10	0.75	-0.58	4.32	SAND	
250	3143	1.50	4.50	0.00	0.00	0.00	0.00	1	1.63	1.66	1.11	0.00	1.07	SAND	
250	3144	1.90	3.61	4.40	0.67	0.00	0.00	2	2.43	3.48	2.64	0.73	1.06	SILTY SAND	
250	3145	1.60	2.98	-1.50	1.96	0.00	0.00	2	1.21	0.94	1.52	-0.24	-0.74	GVL + 10 %	
250	3146	-0.60	3.82	0.00	0.00	0.00	0.00	1	-0.60	-0.56	1.11	0.19	0.38	GVL + 10 %	
250	3147	0.90	5.02	0.00	0.00	0.00	0.00	1	1.04	1.12	0.75	0.24	0.09	SAND	
250	3148	1.20	4.36	0.00	0.00	0.00	0.00	1	1.24	1.31	0.84	0.14	-0.45	SAND	
250	3149	3.20	4.25	10.30	0.69	0.00	0.00	2	3.31	4.28	2.52	0.76	0.96	SAND	
250	3150	3.70	3.36	0.00	0.00	0.00	0.00	1	4.09	4.92	2.64	0.98	3.97	SILTY SAND	
250	3151	4.60	2.53	7.30	1.25	0.00	0.00	2	6.37	6.87	2.43	0.33	-0.48	CLAYEY SILT	
250	3152	2.40	4.48	0.00	0.00	0.00	0.00	1	2.42	2.92	2.29	1.67	12.73	SAND	
250	3153	0.60	6.91	0.00	0.00	0.00	0.00	1	0.68	0.76	0.61	0.23	-0.07	SAND	
250	3154	0.50	7.00	-1.40	1.24	0.00	0.00	2	0.31	0.16	0.79	-0.50	0.59	GVL + 10 %	
250	3155	-0.50	6.64	0.00	0.00	0.00	0.00	1	-0.58	-0.59	0.63	-0.04	-0.02	GVL + 10 %	
250	3156	0.50	2.63	-2.40	2.62	0.00	0.00	2	-1.58	-1.14	1.78	0.16	-0.99	GVL + 10 %	
250	3157	0.50	8.00	0.00	0.00	0.00	0.00	1	0.58	0.66	0.54	0.34	0.75	SAND	
250	3158	-0.20	5.03	0.00	0.00	0.00	0.00	1	-0.03	0.04	0.76	0.20	-0.03	SAND	
250	3159	1.40	3.41	-1.50	2.86	0.00	0.00	2	0.72	0.40	1.44	-0.14	-1.12	GVL + 10 %	
250	3160	3.50	2.70	6.50	1.05	8.30	1.01	4	4.93	5.61	2.49	0.28	-0.84	SAN SIL CLAY	
250	3161	0.50	8.80	0.00	0.00	0.00	0.00	1	0.52	0.57	0.49	0.46	2.68	SAND	
250	3162	2.30	4.71	0.00	0.00	0.00	0.00	1	2.26	2.38	0.98	0.52	1.77	SAND	
250	3163	0.50	5.85	-1.50	2.60	0.00	0.00	2	0.37	0.12	1.16	-0.11	-0.21	GVL + 10 %	
250	3164	0.10	4.88	0.00	0.00	0.00	0.00	1	-0.06	-0.06	0.83	0.20	1.28	SAND	
250	3165	0.50	7.00	0.00	0.00	0.00	0.00	1	0.67	0.80	0.71	0.53	1.51	SAND	
250	3166	2.60	3.20	0.00	0.00	0.00	0.00	1	2.97	3.94	3.01	1.08	4.99	SAND	
250	3167	5.60	2.12	9.50	1.83	0.00	0.00	2	6.75	7.03	1.88	0.11	-1.09	CLAYEY SILT	
250	3168	4.60	3.00	0.00	0.00	0.00	0.00	1	5.35	6.24	2.94	0.55	1.47	CLAYEY SILT	
250	3216	-1.50	1.80	1.70	1.73	10.40	0.83	4	2.20	3.07	3.72	0.33	-0.53	GVL + 10 %	
250	3217	2.20	1.65	7.50	1.22	5.30	1.02	5	4.41	4.89	3.53	0.14	-0.92	SAN SIL CLAY	
250	3218	4.80	1.78	9.50	0.81	13.40	0.52	3	6.47	7.04	2.94	0.28	-0.30	CLAYEY SILT	
250	3219	6.40	1.49	5.00	1.28	8.40	1.16	3	7.78	8.19	2.80	0.25	-0.59	CLAYEY SILT	
250	3220	7.40	1.40	5.70	1.20	9.30	1.01	4	7.05	7.18	2.74	0.11	-0.80	CLAYEY SILT	
250	3221	4.50	2.29	-1.50	1.72	2.50	0.86	3	3.98	4.12	4.58	0.45	0.65	GVL + 10 %	
250	3222	0.50	7.80	0.00	0.00	0.00	0.00	1	0.59	0.70	0.72	0.59	4.17	SAND	
250	3223	-0.40	5.58	0.00	0.00	0.00	0.00	1	-0.17	-0.10	0.71	0.19	-0.23	SAND	
250	3224	-4.80	4.23	-2.60	0.52	0.00	0.00	2	-4.69	-4.13	1.87	0.92	3.07	GVL + 10 %	
250	3225	-4.40	4.01	-1.60	0.87	0.50	0.78	3	-3.67	-2.81	2.12	0.56	0.23	GVL + 10 %	
250	3226	0.50	4.60	-1.40	1.94	2.40	0.81	3	0.32	0.29	1.28	0.17	0.07	GVL + 10 %	
250	3227	3.40	2.72	-1.50	1.20	10.40	0.73	3	3.11	3.45	3.32	0.31	-0.03	GVL + 10 %	
250	3228	1.60	4.67	-1.40	0.50	0.00	0.00	2	1.90	1.97	1.31	-0.24	1.40	SAND	
250	3230	1.30	3.78	-1.50	0.85	0.00	0.00	2	1.18	1.16	1.33	0.02	0.72	SAND	
250	3231	3.50	6.00	10.50	0.57	0.00	0.00	2	3.51	4.17	2.13	1.02	3.15	SAND	
250	3232	3.50	4.50	10.40	0.72	7.80	0.51	3	3.99	5.05	2.41	0.59	0.05	SILTY SAND	
250	3233	3.80	2.54	7.70	0.56	0.00	0.00	2	4.44	5.58	3.54	0.42	0.44	SAN SIL CLAY	
250	3234	2.60	4.19	0.00	0.00	0.00	0.00	1	3.00	4.26	3.18	0.93	2.77	CLAYEY SAND	
250	3235 A	0.50	1.66	4.60	0.86	6.20	0.78	4	5.38	5.86	4.47	0.26	-0.50	SAN SIL CLAY	
250	3235 B	4.30	2.08	0.00	0.00	0.00	0.00	1	4.77	6.09	3.68	0.52	0.21	SAN SIL CLAY	
250	3237	4.50	4.20	0.00	0.00	0.00	0.00	1	4.66	5.87	3.20	0.90	2.36	SANDY SILT	
250	3240	4.50	2.30	8.30	0.70	0.00	0.00	2	5.75	6.83	3.18	0.44	-0.18	CLAYEY SILT	
250	3241	1.50	4.90	-1.50	0.60	0.00	0.00	2	1.74	2.35	2.52	0.86	3.44	SAND	
250	3242	3.50	5.10	10.50	0.80	8.50	0.60	3	3.89	4.92	2.36	0.68	0.52	SILTY SAND	
250	3244	3.80	2.71	1.60	1.22	13.50	0.57	3	3.96	4.92	3.34	0.65	0.92	SILTY SAND	
250	3245	2.40	2.73	-1.40	0.72	0.00	0.00	2	1.96	2.34	2.77	0.75	2.42	SAND	
250	3246	4.60	2.31	9.00	0.93	0.00	0.00	2	6.49	7.37	3.10	0.34	-0.55	CLAYEY SILT	
250	3246	4.60	2.03	8.50	1.20	0.00	0.00	2	7.00	7.38	2.71	0.25	-0.64	CLAYEY SILT	
250	3247	-0.60	4.91	0.00	0.00	0.00	0.00	1	-0.54	-0.24	1.40	0.87	3.25	GVL + 10 %	
250	3248	3.40	2.02	1.60	1.88	-1.40	0.81	4	2.64	3.22	3.29	0.42	0.04	CLAYEY SAND	
250	3251	2.50	5.00	4.40	1.13	13.50	0.53	3	2.86	4.35	3.34	0.83	1.58	CLAYEY SAND	
250	3254	1.60	4.75	4.50	0.70	-1.50	0.60	3	1.76	1.77	1.31	-0.17	1.53	SAND	
250	3258	3.20	4.13	10.50	0.65	0.00	0.00	2	3.13	3.73	2.31	1.03	3.36	SAND	
250	3259	3.40	1.98	1.70	1.36	6.60	0.58	3	4.01	5.70	4.29	0.46	-0.07	SAN SIL CLAY	
250	3261	3.30	2.17	8.40	0.60	-1.40	0.50	3	3.49	4.88	4.10	0.39	-0.19	CLAYEY SAND	
250	3262	1.50	2.60	0.00	0.00	0.00	0.00	1	1.77	2.38	2.79	0.82	2.40	SAND	
250	3263	3.40	3.10	8.50	0.60	0.00	0.00	2	4.07	5.88	3.67	0.48	-0.26	SAN SIL CLAY	
250	3263	3.50	3.30	6.50	1.40	8.60	0.60	3	4.84	6.37	3.58	0.52	0.13	SAN SIL CLAY	
250	3266	0.40	3.77	2.50	0.70	0.00	0.00	2	0.15	0.73	2.59	1.17	5.33	GVL + 10 %	
250	3269	4.70	1.22	8.50	1.20	6.70	1.10	3	8.15	8.33	2.97	0.15	-0.76	SILTY CLAY	
250	3270	8.30	1.71	0.00	0.00	0.00	0.00	1	8.46	8.62	2.25	0.12	-0.48	SILTY CLAY	

CODE #	STATION #		MODE 1	MODE S	MODE 2	MODE S	MODE 3	MODE S	NO OF MODES	MEDIAN	MEAN	STANDARD DEV.	SKEWNESS	KURTOSIS	SEDIMENT NAME	CURVE TYPE
250	3271		9.50	1.60	7.40	1.40	4.60	0.91	4	8.72	8.69	2.58	0.03	-0.78	SILTY CLAY	
250	3273		3.50	8.30	10.50	0.53	0.00	0.00	2	3.53	4.06	1.85	1.38	6.53	SAND	
250	3279		-.40	2.33	7.50	0.95	0.00	0.00	2	7.21	8.05	3.63	0.36	-0.44	CLAYEY SILT	
250	3280		8.20	1.10	7.00	1.08	15.40	0.53	3	8.78	9.06	3.28	0.12	-0.81	SILTY CLAY	
250	3281		0.70	2.34	-1.50	1.73	3.50	0.81	3	1.12	2.30	3.92	0.79	1.92	GVL + 10 %	
250	3282		7.60	1.30	10.40	1.05	4.60	0.61	3	9.49	9.74	3.20	0.13	-0.66	SILTY CLAY	
250	3283		4.40	1.63	9.50	1.20	7.60	1.01	3	7.91	7.67	3.72	-0.04	-0.69	SILTY CLAY	
250	3284		-3.90	3.92	0.40	0.80	0.00	0.00	2	-3.63	-3.19	1.84	0.61	0.72	GVL + 10 %	
250	3288		8.50	1.60	10.30	1.42	4.50	0.70	3	9.21	9.24	2.54	-0.04	-0.42	SILTY CLAY	
250	3289		10.50	1.60	7.90	1.57	14.00	0.81	3	9.74	9.78	2.38	0.04	-0.59	SILTY CLAY	
250	3290		7.60	1.45	4.50	1.43	14.30	0.54	3	8.54	8.77	2.93	0.10	-0.81	SILTY CLAY	
250	3291		4.50	2.66	6.50	1.02	10.50	0.84	4	6.92	7.65	3.20	0.31	-0.73	CLAYEY SILT	
250	3295		-3.50	5.96	0.00	0.00	0.00	0.00	1	-3.53	-3.48	0.78	0.24	0.59	GVL + 10 %	
250	3296	A	-3.50	3.40	0.50	2.79	0.00	0.00	2	-2.88	-2.12	1.93	0.20	-1.36	GVL + 10 %	
250	3297		0.50	5.65	-1.30	2.07	0.00	0.00	2	0.13	0.05	1.19	0.62	4.34	GVL + 10 %	
250	3298		2.60	5.20	0.00	0.00	0.00	0.00	1	2.75	3.24	1.92	1.32	7.03	SAND	
250	3299		4.70	1.68	9.60	1.14	7.00	1.03	3	7.83	8.66	3.55	0.29	-0.69	CLAYEY SILT	
250	3300		3.50	6.60	0.00	0.00	0.00	0.00	1	3.43	3.85	1.79	1.35	7.03	SAND	
250	3301		4.50	3.37	7.40	0.98	9.30	0.69	4	6.52	7.49	3.18	0.39	-0.55	CLAYEY SILT	
250	3302		4.60	2.12	10.50	0.70	0.00	0.00	2	7.31	8.28	3.66	0.35	-0.57	CLAYEY SILT	
250	3303		-1.50	2.04	1.40	1.92	3.40	0.77	3	1.49	2.70	4.17	0.59	0.60	GVL + 10 %	
250	3305		2.70	4.91	0.00	0.00	0.00	0.00	1	2.87	2.90	0.87	-0.23	1.75	SAND	
250	3306		3.50	5.30	10.50	1.00	0.00	0.00	2	3.54	4.52	2.54	0.77	0.96	CLAYEY SAND	
250	3394		-1.50	2.90	4.40	1.10	2.30	0.90	5	2.95	3.22	4.04	0.15	-1.07	GVL + 10 %	
250	3397		4.20	2.37	8.20	0.61	0.00	0.00	2	4.82	5.89	2.98	0.51	0.17	SAN SIL CLAY	
250	3398		-1.50	3.20	4.50	2.90	2.50	1.40	4	3.06	2.84	3.72	0.18	-0.64	GVL + 10 %	
250	3403		4.50	2.43	6.60	1.20	0.00	0.00	2	6.80	7.26	2.81	0.29	-0.59	CLAYEY SILT	
250	3404		-0.50	6.30	0.00	0.00	0.00	0.00	1	-0.34	-0.29	0.65	0.10	-0.14	SAND	

Code Line 300 Sand fraction composition (Nova Scotia to New Jersey)

Code line 300 gives the composition of the sand fraction (.062 - 2.0 mm) in percent by weight of rock fragments, quartz and feldspar, dark minerals, glauconite, mica, foraminifera, and shell material. These weights were estimated by examination with a binocular microscope. Traces of any of the components are arbitrarilly assigned values of 0.1 percent. Quantities less than 1 percent but more than traces are assigned values of 0.5 percent.

Acknowledgements

The sand fraction analyses were made by James V.A. Trumbull.

Explanations of headings

CODE # 300 denotes sand fraction composition.

STATION # As described under code line 100 above.

ROCK FRAGMENTS Weight percent of rock fragments.

QUARTZ FELDSPAR Weight percent of quartz grains plus feldspar grains.

DARK MINERALS Weight percent of minerals dark in color.

GLAUCONITE Weight percent of glauconite.

MICA Weight percent of both black and light mica.

FORAMINIFERA Weight percent of foraminiferal tests or fragments.

SHELL Weight percent of mollusc shells or fragments.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
300	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Rock fragments	21-25	F	5	24	1
	Quartz & feldspar	31-35	F	5	34	1
	Dark minerals	41-45	F	5	44	1
	Glauconite	51-55	F	5	54	1
	Mica	61-65	F	5	64	1
	Foraminifera	71-75	F	5	74	1
	Shell	81-85	F	5	84	1

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	A002	2.0	94.0	0.5	1.0	0.	0.1	3.0
300	A003	3.0	97.0	0.5	0.1	0.	0.	0.
300	A012	0.	99.0	0.5	1.0	0.	0.	0.
300	A015	0.1	99.0	0.1	1.0	0.1	0.	0.1
300	A016	0.1	99.0	0.5	1.0	0.	0.	0.1
300	A020	6.0	92.0	1.0	1.0	0.5	0.1	0.
300	A023	8.0	89.0	3.0	0.5	0.5	0.1	0.
300	A026	0.5	97.0	0.5	3.0	0.	0.	0.1
300	A028	0.	96.0	0.5	4.0	0.	0.	0.1
300	A036	1.0	98.0	0.1	1.0	0.	0.	0.1
300	A037A	2.0	98.0	0.1	0.5	0.	0.	0.
300	A038	0.1	98.0	0.5	2.0	0.1	0.1	0.1
300	A040	4.0	90.0	2.0	3.0	1.0	0.1	0.
300	A041	6.0	91.0	1.0	1.0	1.0	0.5	0.
300	A042	0.	86.0	0.5	2.0	3.0	0.5	8.0
300	A044	3.0	95.0	1.0	1.0	0.5	0.	0.1
300	A045	0.1	100.0	0.1	0.1	0.	0.	0.5
300	A046	0.	98.0	1.0	1.0	0.	0.	0.1
300	A047	0.	99.0	0.5	0.5	0.	0.	1.0
300	A048	0.	100.0	0.1	0.1	0.	0.	0.5
300	A052	0.	100.0	0.5	0.1	0.	0.	0.5
300	A055	3.0	94.0	1.0	2.0	0.	0.1	0.1
300	B003	2.0	76.0	0.1	2.0	0.1	12.0	8.0
300	B005	15.0	82.0	3.0	0.1	0.1	0.5	0.
300	D003	4.0	89.0	1.0	2.0	0.	0.	4.0
300	D007	1.0	96.0	1.0	2.0	0.	0.	0.1
300	E002	0.	92.0	1.0	2.0	1.0	4.0	0.
300	E003	0.1	92.0	1.0	3.0	3.0	1.0	0.
300	E004	0.	24.0	1.0	1.0	4.0	70.0	0.
300	E005	0.	56.0	2.0	1.0	1.0	40.0	0.
300	E006	0.	3.0	0.5	0.5	1.0	96.0	0.
300	E007	0.	2.0	0.1	0.1	0.5	97.0	0.
300	E008	0.	0.1	0.1	0.	0.	100.0	0.
300	E009	0.	8.0	0.	0.	0.5	92.0	0.
300	E015	0.	92.0	0.5	2.0	1.0	4.0	1.0
300	E016	0.	95.0	0.5	2.0	1.0	2.0	0.
300	M001A	1.0	95.0	2.0	0.	2.0	0.1	0.
300	M002B	40.0	58.0	2.0	0.	0.	0.5	0.5
300	M003A	0.1	97.0	2.0	0.1	1.0	0.5	0.
300	M005A	0.1	90.0	2.0	0.1	3.0	3.0	0.1
300	M006A	6.0	89.0	3.0	2.0	0.1	0.1	0.
300	M007A	3.0	94.0	2.0	1.0	0.5	0.1	0.
300	M008A	1.0	93.0	3.0	0.1	0.1	3.0	0.
300	M009A	10.0	87.0	2.0	1.0	0.5	0.1	0.1
300	M010A	0.5	90.0	2.0	0.1	1.0	5.0	0.
300	M011A	10.0	87.0	3.0	0.1	0.1	0.	0.
300	M012A	0.1	95.0	3.0	0.	0.5	2.0	0.
300	M013A	4.0	92.0	4.0	0.1	0.5	0.1	0.1
300	M014B	6.0	89.0	5.0	0.1	0.1	0.1	0.
300	M016A	3.0	95.0	2.0	0.5	0.5	0.5	0.
300	M017A	0.5	97.0	2.0	0.1	1.0	0.5	0.5
300	M019A	1.0	96.0	3.0	0.1	0.5	0.5	0.
300	M019B	3.0	92.0	5.0	0.1	0.1	0.1	0.1
300	M020A	0.	97.0	2.0	0.1	0.5	1.0	0.
300	M021B	5.0	91.0	4.0	0.	0.1	0.1	0.1
300	M022A	4.0	93.0	3.0	0.1	0.5	0.	0.1
300	M023A	0.	97.0	3.0	0.1	0.5	0.5	0.
300	M024A	4.0	92.0	3.0	1.0	0.1	0.5	0.
300	M024B	6.0	92.0	1.0	1.0	0.1	0.1	0.5
300	M025A	8.0	88.0	3.0	1.0	0.1	0.	0.1
300	M026A	10.0	86.0	2.0	2.0	0.5	0.1	0.
300	M027A	10.0	88.0	2.0	0.5	0.5	0.1	0.
300	M028A	1.0	92.0	6.0	0.5	0.1	1.0	0.1
300	M029A	3.0	93.0	4.0	0.5	0.1	0.1	0.
300	M030A	2.0	93.0	5.0	0.1	0.1	0.1	0.
300	M031A	5.0	91.0	4.0	0.5	0.5	0.	0.
300	M031B	0.	96.0	2.0	0.1	2.0	0.	0.
300	M032A	0.	99.0	1.0	0.	0.5	0.5	0.
300	M033A	0.	96.0	2.0	0.	2.0	0.1	0.
300	M034B	0.	95.0	2.0	0.1	1.0	2.0	0.
300	M035A	0.	94.0	2.0	0.1	2.0	0.5	0.
300	M036A	3.0	95.0	2.0	0.5	0.5	0.	0.
300	M037A	0.	39.0	1.0	0.	0.	60.0	0.
300	M038A	4.0	92.0	3.0	1.0	0.1	0.	0.
300	M039A	0.	63.0	2.0	0.1	0.	35.0	0.
300	M040A	0.	94.0	2.0	0.	0.1	4.0	0.
300	M041A	5.0	90.0	5.0	0.1	0.1	0.1	0.
300	M042A	1.0	96.0	3.0	0.1	0.5	0.5	0.
300	M043A	8.0	89.0	3.0	0.	0.5	0.	0.
300	M044A	7.0	83.0	10.0	0.1	0.1	0.1	0.
300	M045A	2.0	90.0	8.0	0.1	0.5	0.1	0.
300	M046A	1.0	96.0	3.0	0.1	0.5	0.	0.
300	M047A	1.0	88.0	3.0	0.1	0.5	6.0	2.0
300	M048A	10.0	25.0	2.0	0.	1.0	2.0	60.0
300	M049A	2.0	67.0	3.0	0.	0.1	2.0	25.0
300	M050A	0.	96.0	4.0	0.1	0.5	0.1	0.
300	M051C	2.0	94.0	4.0	0.1	0.5	0.1	0.
300	M052B	0.1	95.0	5.0	0.1	0.5	0.5	0.
300	M053A	3.0	92.0	5.0	0.	0.5	0.	0.
300	M054A	5.0	92.0	3.0	0.	0.5	0.	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	M055A	0.	96.0	4.0	0.1	0.5	0.5	0.
300	M056A	0.	2.0	2.0	0.	0.1	90.0	0.
300	M057A	0.	37.0	2.0	0.	0.1	60.0	0.
300	M058A	10.0	85.0	5.0	0.5	0.5	0.	0.
300	M059A	1.0	94.0	5.0	0.1	0.1	0.1	0.
300	M060A	1.0	93.0	6.0	0.	0.	0.	0.
300	M061A	2.0	94.0	4.0	0.1	0.5	0.	0.
300	M062A	0.5	97.0	3.0	0.1	0.1	0.5	0.
300	M063A	1.0	96.0	3.0	0.1	0.1	0.	0.1
300	M064A	0.	95.0	3.0	0.	1.0	0.1	0.
300	M065A	2.0	91.0	7.0	0.1	0.5	0.	0.
300	M066A	0.1	95.0	4.0	0.	0.5	1.0	0.
300	M067A	1.0	95.0	4.0	0.1	0.5	0.1	0.
300	M068A	20.0	65.0	15.0	0.1	0.5	0.	0.
300	M069A	1.0	91.0	5.0	0.	0.	3.0	0.
300	M070A	7.0	88.0	5.0	0.1	0.1	0.1	0.
300	M071A	5.0	90.0	5.0	0.1	0.5	0.1	0.
300	M072A	5.0	87.0	8.0	0.	0.1	0.1	0.
300	M073A	0.5	89.0	3.0	0.	1.0	7.0	0.
300	M074A	1.0	94.0	3.0	0.5	2.0	0.5	0.
300	M075A	1.0	96.0	3.0	0.1	0.5	0.1	0.
300	M076A	15.0	82.0	3.0	0.	0.	0.5	0.
300	M077A	3.0	94.0	3.0	0.	0.5	0.1	0.1
300	M078A	60.0	15.0	5.0	0.	0.	0.5	20.0
300	M079A	15.0	79.0	3.0	0.	0.5	0.5	3.0
300	M080B	2.0	93.0	5.0	0.1	0.5	0.1	0.1
300	M081A	2.0	94.0	4.0	0.	0.5	0.1	0.
300	M082A	1.0	80.0	2.0	0.1	2.0	15.0	0.
300	M083A	0.	88.0	3.0	0.	1.0	7.0	0.
300	M084A	5.0	85.0	10.0	0.	0.5	0.5	0.
300	M085A	0.	62.0	3.0	0.	0.	35.0	0.
300	M086A	0.	56.0	4.0	0.	0.	40.0	0.
300	M087A	1.0	86.0	11.0	0.	2.0	0.1	0.
300	M088A	0.1	84.0	3.0	0.	2.0	0.1	10.0
300	M089A	3.0	91.0	5.0	0.	0.5	1.0	0.
300	M090A	3.0	87.0	10.0	0.	0.1	0.5	0.
300	M091A	1.0	78.0	3.0	0.	0.1	15.0	3.0
300	M092A	0.1	96.0	3.0	0.1	0.5	1.0	0.
300	M093A	0.5	94.0	6.0	0.	0.1	0.	0.1
300	M094A	2.0	96.0	2.0	0.	0.5	0.1	0.
300	M095A	3.0	94.0	3.0	0.	0.5	0.	0.1
300	M096A	10.0	87.0	3.0	0.	0.5	0.	0.1
300	M097A	25.0	40.0	3.0	0.	0.5	1.0	31.0
300	M098A	5.0	93.0	2.0	0.	0.1	0.5	0.
300	M099C	0.1	97.0	3.0	0.	0.5	0.1	0.
300	M100B	3.0	94.0	3.0	0.	0.1	0.1	0.5
300	M101A	2.0	75.0	3.0	0.	0.5	20.0	0.5
300	M102A	5.0	92.0	3.0	0.	0.1	0.1	0.1
300	M103A	12.0	83.0	3.0	0.	0.	2.0	0.
300	M104A	20.0	79.0	1.0	0.	0.5	0.1	0.
300	M105A	10.0	87.0	3.0	0.	0.1	0.1	0.
300	M106A	4.0	91.0	3.0	0.	0.1	2.0	0.
300	M107A	4.0	94.0	2.0	0.	0.1	0.1	0.
300	M108A	10.0	38.0	2.0	0.	0.	50.0	0.
300	M109A	7.0	86.0	2.0	0.	0.1	5.0	0.
300	M110A	1.0	98.0	1.0	0.	0.1	0.1	0.
300	M111A	3.0	95.0	2.0	0.	0.	0.1	0.
300	M112A	3.0	94.0	1.0	2.0	0.5	0.1	0.
300	M113A	1.0	94.0	3.0	0.1	0.5	2.0	0.1
300	M114A	2.0	96.0	2.0	0.	0.1	0.	0.
300	M115A	5.0	94.0	1.0	0.1	0.1	0.1	0.
300	M116A	40.0	57.0	3.0	0.1	0.1	0.1	0.
300	M117A	0.5	45.0	0.1	0.1	0.1	20.0	0.
300	M118A	3.0	96.0	1.0	0.5	0.5	0.	0.
300	M119A	3.0	96.0	0.5	0.5	1.0	0.	0.
300	M120A	0.1	92.0	2.0	0.1	3.0	3.0	0.
300	M121A	2.0	94.0	1.0	0.	3.0	0.	0.
300	N002A	1.0	99.0	0.5	0.1	0.	0.	0.1
300	N003A	0.1	97.0	1.0	2.0	0.	0.	0.1
300	N004A	0.	99.0	0.5	1.0	0.	0.	0.
300	N005A	0.1	96.0	1.0	3.0	0.5	0.	0.1
300	N006A	0.1	99.0	0.5	0.5	0.1	0.5	1.0
300	N007A	0.	98.0	1.0	0.1	0.	1.0	0.1
300	N008A	0.1	100.0	0.5	0.1	0.	0.	0.1
300	N009A	0.	98.0	0.5	0.1	0.	2.0	0.1
300	N010A	0.	98.0	1.0	1.0	0.1	0.1	0.1
300	N011A	0.	98.0	0.5	2.0	0.5	0.	0.
300	N012A	0.	97.0	1.0	2.0	0.	0.	0.
300	N013A	0.	97.0	1.0	2.0	0.	0.	0.
300	N014A	0.1	97.0	2.0	1.0	0.	0.	0.
300	N015A	0.	98.0	1.0	1.0	0.	0.	0.
300	N016A	0.	98.0	1.0	1.0	0.5	0.	0.
300	N017A	0.	97.0	1.0	2.0	0.1	0.	0.
300	N018A	0.	97.0	1.0	2.0	0.1	0.	0.
300	N019A	0.	97.0	1.0	2.0	0.5	0.	0.
300	N020A	0.	98.0	0.5	2.0	0.5	0.1	0.
300	N021A	0.5	100.0	0.5	0.5	0.5	0.1	0.5
300	N022A	0.1	95.0	0.5	0.5	0.5	0.1	5.0
300	N023A	0.1	95.0	0.5	2.0	2.0	0.1	1.0
300	N024A	0.	97.0	0.5	2.0	1.0	0.	0.1

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	N025A	0.	98.0	0.5	2.0	0.5	0.	0.
300	N026A	0.	98.0	0.5	2.0	0.1	0.1	0.
300	N027A	0.	98.0	0.5	2.0	0.5	0.	0.1
300	N028A	0.	98.0	0.5	2.0	0.5	0.	0.
300	N029A	0.	100.0	0.1	0.5	0.	0.1	0.
300	N030A	0.	99.0	1.0	0.1	0.1	0.	0.1
300	N031A	0.	98.0	1.0	1.0	0.5	0.	0.
300	N032A	0.1	99.0	0.5	1.0	0.5	0.	0.
300	N033A	0.	96.0	0.5	2.0	2.0	0.	0.
300	N034A	0.	96.0	0.5	2.0	2.0	0.1	0.1
300	N035A	0.	95.0	0.5	2.0	3.0	0.1	0.1
300	N036A	0.1	98.0	0.1	0.5	0.1	1.0	1.0
300	N037A	0.	97.0	0.5	0.5	0.5	1.0	2.0
300	N038A	0.1	99.0	0.5	0.5	0.5	0.5	1.0
300	N039A	0.1	96.0	0.5	1.0	0.5	2.0	1.0
300	N040A	0.	96.0	0.5	2.0	2.0	0.1	0.
300	N041A	0.	96.0	0.5	2.0	2.0	0.1	0.
300	N042A	0.	98.0	0.5	1.0	1.0	0.	0.
300	N043A	0.1	98.0	1.0	1.0	0.5	0.	0.
300	N044A	0.	99.0	1.0	0.1	0.	0.1	0.1
300	N045A	0.1	99.0	1.0	0.	0.	0.	0.1
300	N046A	0.5	99.0	1.0	0.1	0.	0.	0.1
300	N047A	0.1	97.0	1.0	2.0	0.5	0.	0.
300	N048A	0.	100.0	0.5	0.1	0.5	0.	0.5
300	N049A	0.	93.0	1.0	3.0	3.0	0.1	0.1
300	N050A	0.	95.0	0.5	3.0	2.0	0.1	0.1
300	N051A	0.1	96.0	1.0	0.1	0.5	0.5	3.0
300	N052A	0.1	95.0	1.0	0.5	0.1	2.0	2.0
300	N053A	0.	95.0	1.0	2.0	1.0	1.0	0.1
300	N054A	0.1	94.0	1.0	1.0	2.0	2.0	0.
300	N055A	0.1	95.0	1.0	1.0	1.0	2.0	0.
300	N056A	0.1	96.0	2.0	0.5	0.1	2.0	0.1
300	N057A	0.	96.0	2.0	0.5	0.1	0.1	2.0
300	N058A	0.1	96.0	1.0	1.0	0.	2.0	0.
300	N059A	0.1	99.0	0.1	0.5	1.0	0.	0.1
300	N060A	0.1	100.0	0.5	0.1	0.5	0.	0.
300	N061	0.1	98.0	1.0	1.0	0.5	0.	0.
300	N062	0.1	98.0	2.0	0.	0.1	0.	0.1
300	N063	0.	98.0	2.0	0.	0.	0.	0.
300	N064A	0.5	97.0	2.0	1.0	0.5	0.	0.
300	N065A	0.	99.0	1.0	0.5	0.5	0.	0.5
300	N066A	1.0	99.0	0.5	0.1	0.	0.	0.
300	N067A	0.	97.0	1.0	2.0	0.	0.	0.
300	N103	1.0	99.0	0.5	0.1	0.	0.5	0.
300	N106	0.5	98.0	2.0	0.5	0.5	0.	0.
300	N110	0.	82.0	1.0	0.1	15.0	0.1	0.1
300	N128	0.	100.0	0.1	0.5	0.	0.	0.5
300	N130	0.	100.0	0.1	0.5	0.	0.1	0.
300	N133	0.1	100.0	0.1	0.5	0.	0.	0.5
300	N140	0.	100.0	0.5	0.5	0.	0.	0.
300	N145	0.	97.0	0.5	3.0	0.1	0.1	0.
300	N148	0.	98.0	1.0	0.5	1.0	0.1	0.
300	N151	0.	97.0	1.0	2.0	0.1	0.	0.
300	N153	0.1	100.0	0.1	0.1	0.	0.	0.
300	N164	0.5	98.0	2.0	0.1	0.	0.1	0.5
300	P001	0.	71.0	1.0	0.5	3.0	20.0	5.0
300	P002	0.	96.0	1.0	1.0	2.0	0.1	0.1
300	P003	0.	97.0	1.0	1.0	1.0	0.	0.5
300	P004	0.	99.0	1.0	0.1	0.1	0.1	0.1
300	P005	0.	99.0	1.0	0.1	0.1	0.5	0.
300	P006	0.	100.0	0.5	0.1	0.1	0.	0.
300	P007	0.	99.0	1.0	0.1	0.1	0.5	0.5
300	P008	0.	97.0	1.0	0.	0.1	0.5	2.0
300	P009	0.	98.0	1.0	1.0	0.1	0.5	0.1
300	P010	0.	99.0	1.0	0.1	0.	0.1	0.1
300	P011	0.	99.0	1.0	0.1	0.1	0.1	0.
300	P012	0.	97.0	1.0	1.0	1.0	0.1	0.
300	P013	0.	63.0	1.0	1.0	3.0	30.0	0.
300	P014	0.	75.0	2.0	1.0	1.0	20.0	0.
300	P015	0.	79.0	2.0	1.0	2.0	15.0	0.
300	P016	0.	23.0	1.0	0.5	3.0	70.0	0.
300	P017	0.	10.0	1.0	1.0	3.0	81.0	1.0
300	P018	0.	5.0	0.1	0.1	2.0	90.0	0.
300	P019	0.	4.0	1.0	0.1	0.5	93.0	0.
300	P020	0.	15.0	1.0	0.5	0.5	83.0	0.
300	P021	0.	0.1	0.1	0.1	0.5	99.0	0.
300	P022	0.	20.0	0.5	0.5	0.5	79.0	0.
300	S002	2.0	96.0	2.0	0.5	0.5	0.	0.
300	S003	0.	90.0	2.0	1.0	5.0	0.1	0.
300	S005	3.0	95.0	1.0	0.5	1.0	0.1	0.1
300	S007	15.0	83.0	2.0	0.1	0.1	0.1	0.1
300	S009	10.0	88.0	1.0	1.0	0.1	0.1	0.
300	S012	3.0	91.0	1.0	5.0	0.1	0.	0.
300	S014	0.	97.0	1.0	2.0	0.5	0.1	0.
300	S017	0.	97.0	2.0	1.0	0.5	0.1	0.
300	S021	1.0	99.0	0.1	0.1	0.	0.	0.
300	S024	0.	98.0	0.5	2.0	0.	0.	0.1
300	S026	3.0	94.0	1.0	2.0	0.1	0.1	0.
300	S028	3.0	94.0	1.0	2.0	0.1	0.1	0.
300	S030	15.0	82.0	2.0	1.0	0.1	0.1	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	S032	5.0	93.0	1.0	1.0	0.1	0.	0.
300	S034	0.	95.0	1.0	2.0	2.0	0.1	0.
300	S036	0.	96.0	1.0	2.0	0.5	0.1	1.0
300	S041	2.0	94.0	1.0	2.0	0.	1.0	0.
300	S057	8.0	85.0	2.0	0.5	0.	3.0	2.0
300	S059	5.0	92.0	1.0	1.0	0.	0.5	1.0
300	S061	0.	96.0	2.0	1.0	0.1	1.0	0.1
300	S072	5.0	94.0	1.0	0.1	0.1	0.	0.1
300	S074	0.	98.0	1.0	1.0	0.5	0.	0.
300	S078	15.0	83.0	1.0	1.0	0.1	0.1	0.
300	S080	7.0	91.0	2.0	0.1	0.	0.5	0.1
300	S083	0.	73.0	2.0	0.1	0.	25.0	0.5
300	S085	0.1	97.0	3.0	0.5	0.	0.1	0.1
300	S088	40.0	49.0	0.5	1.0	0.1	0.5	10.0
300	S094	1.0	97.0	2.0	0.1	0.	0.	0.5
300	S096	2.0	76.0	1.0	0.5	1.0	5.0	15.0
300	S100	0.5	96.0	3.0	1.0	0.	0.1	0.
300	S102	3.0	95.0	2.0	0.5	0.1	0.1	0.1
300	S108	35.0	34.0	1.0	0.1	0.5	30.0	0.1
300	S110	10.0	87.0	3.0	0.5	0.1	0.1	0.
300	S112	20.0	78.0	2.0	0.5	0.5	0.1	0.
300	S114	10.0	87.0	2.0	1.0	0.5	0.1	0.
300	S116	10.0	87.0	2.0	1.0	0.1	0.	0.
300	S118	1.0	95.0	2.0	2.0	0.1	0.5	0.
300	S121	8.0	89.0	2.0	1.0	0.1	0.	0.
300	S122	10.0	88.0	1.0	1.0	0.1	0.1	0.
300	S124	7.0	91.0	1.0	1.0	0.1	0.	0.
300	S125	7.0	89.0	2.0	2.0	0.1	0.1	0.
300	S128	0.	79.0	2.0	2.0	0.1	17.0	0.1
300	S130	0.	98.0	1.0	1.0	0.5	0.1	0.1
300	S136	1.0	94.0	2.0	0.5	2.0	0.	0.1
300	S139	1.0	95.0	2.0	0.1	1.0	0.	0.
300	S142	0.	97.0	2.0	0.5	0.1	1.0	0.5
300	S144	4.0	94.0	2.0	0.1	0.1	0.1	0.
300	S146	0.	95.0	2.0	0.1	1.0	2.0	0.
300	S148	5.0	93.0	2.0	0.5	0.5	0.1	0.1
300	S150	10.0	88.0	1.0	1.0	0.1	0.	0.
300	S151	0.	98.0	1.0	1.0	0.1	0.1	0.1
300	W001	1.0	98.0	1.0	0.1	0.	0.	0.
300	W003	0.	96.0	1.0	0.5	3.0	0.	0.
300	W005	0.	95.0	2.0	0.5	3.0	0.1	0.
300	W007	5.0	92.0	1.0	0.5	2.0	0.1	0.
300	W009	10.0	87.0	3.0	0.5	0.5	0.	0.
300	W011	0.	96.0	2.0	1.0	1.0	0.	0.
300	W013	4.0	93.0	2.0	1.0	0.5	0.	0.
300	W015	3.0	94.0	2.0	1.0	0.	0.	0.
300	W017	3.0	95.0	2.0	0.5	0.5	0.1	0.1
300	W019	2.0	95.0	1.0	2.0	0.	0.1	0.
300	W020	0.	99.0	1.0	0.5	0.	0.	0.
300	W021	1.0	97.0	0.5	2.0	0.	0.	0.1
300	W023	0.1	98.0	0.5	1.0	0.	1.0	0.1
300	W025	0.	98.0	0.5	2.0	0.	0.	0.
300	W027	0.	97.0	1.0	2.0	0.	0.	0.
300	W028	0.	98.0	1.0	1.0	0.5	0.	0.
300	W029	0.1	96.0	1.0	3.0	0.1	0.1	0.
300	W031	0.1	99.0	0.5	1.0	0.5	0.5	0.
300	W033	0.	85.0	0.5	0.1	0.	15.0	0.
300	W034	0.1	97.0	1.0	0.5	0.	2.0	0.1
300	W036	0.	97.0	1.0	2.0	0.1	0.	0.
300	W038	0.	99.0	0.5	1.0	0.1	0.	0.
300	W039	0.5	99.0	0.5	1.0	0.	0.	0.
300	W043	0.5	99.0	0.5	1.0	0.	0.	0.1
300	W044	0.5	99.0	0.5	1.0	0.	0.	0.
300	W046	2.0	96.0	0.5	2.0	0.	0.	0.
300	W048	0.	96.0	0.5	4.0	0.1	0.	0.
300	W049	1.0	96.0	1.0	2.0	0.1	0.	0.
300	W051	1.0	94.0	1.0	4.0	0.	0.	0.
300	W053	4.0	94.0	1.0	1.0	0.5	0.	0.
300	W055	2.0	96.0	1.0	1.0	0.1	0.1	0.
300	W060	1.0	97.0	1.0	1.0	0.1	0.	0.
300	W062	0.5	98.0	2.0	0.5	0.	0.	0.
300	W064	0.	100.0	0.5	0.1	0.	0.	0.
300	W066	0.1	100.0	0.5	0.5	0.	0.	0.1
300	W068	0.	100.0	0.5	0.1	0.	0.	0.
300	W070	0.	99.0	0.5	1.0	0.	0.	0.
300	W072	0.	100.0	0.5	0.5	0.	0.	0.
300	W075	0.	100.0	0.5	0.	0.	0.1	0.
300	W076	0.	100.0	0.5	0.	0.	0.5	0.
300	W079	0.	100.0	0.5	0.	0.	0.1	0.
300	W081	0.	98.0	1.0	0.5	0.	0.1	1.0
300	W083	0.	100.0	0.5	0.5	0.	0.1	0.1
300	W084	0.	99.0	0.5	1.0	0.	0.	0.
300	W086	0.	98.0	0.5	2.0	0.	0.	0.
300	W088	0.1	100.0	0.1	0.5	0.	0.	0.
300	W090	0.5	99.0	0.1	1.0	0.	0.	0.
300	W091	0.	99.0	0.5	1.0	0.	0.	0.5
300	W093	0.	98.0	0.5	2.0	0.	0.1	0.5
300	W095	0.	95.0	0.5	2.0	0.	0.	0.1
300	W097	0.	85.0	0.1	15.0	0.1	0.5	0.
300	W099	5.0	93.0	1.0	0.5	0.5	0.1	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	W100	25.0	73.0	2.0	0.5	0.1	0.1	0.5
300	W101	10.0	88.0	2.0	0.5	0.1	0.	0.
300	W102	3.0	95.0	1.0	1.0	0.1	0.1	0.
300	W103	0.1	94.0	0.5	6.0	0.1	0.5	0.1
300	W105	5.0	92.0	0.5	2.0	0.	0.1	1.0
300	W107	0.	97.0	1.0	2.0	0.1	0.	0.
300	W110	2.0	98.0	0.5	0.5	0.	0.	0.1
300	W111	2.0	93.0	0.5	2.0	0.	0.1	3.0
300	W112	2.0	84.0	0.5	1.0	0.1	8.0	5.0
300	W114	0.1	99.0	0.5	1.0	0.	0.1	0.
300	W116	8.0	89.0	2.0	1.0	0.5	0.1	0.1
300	W118	8.0	88.0	1.0	1.0	0.1	2.0	0.1
300	W120	30.0	66.0	2.0	2.0	0.	0.1	0.1
300	W122	3.0	90.0	1.0	2.0	0.1	4.0	0.
300	W124	0.5	69.0	0.5	1.0	0.	15.0	15.0
300	W127	0.1	90.0	0.5	0.1	0.	0.	10.0
300	W129	0.5	96.0	0.1	1.0	0.	0.5	3.0
300	W131	1.0	97.0	1.0	0.1	0.	1.0	0.
300	W133	1.0	97.0	1.0	0.5	0.	0.5	1.0
300	W135	3.0	94.0	1.0	1.0	0.	1.0	0.
300	W136	3.0	91.0	1.0	1.0	0.	2.0	2.0
300	W138	2.0	96.0	1.0	1.0	0.	0.5	0.5
300	W140	2.0	93.0	1.0	2.0	0.	2.0	0.1
300	W144	30.0	50.0	3.0	1.0	0.	5.0	10.0
300	W146	3.0	65.0	2.0	0.1	0.	30.0	0.1
300	W148	4.0	87.0	1.0	1.0	0.	3.0	3.0
300	W150	6.0	86.0	1.0	3.0	0.	2.0	2.0
300	W152	10.0	78.0	2.0	2.0	0.	8.0	0.5
300	W154	2.0	95.0	2.0	1.0	0.	0.5	0.1
300	W157	0.	15.0	0.5	0.1	0.	5.0	80.0
300	W159	0.5	90.0	1.0	2.0	0.	0.5	7.0
300	W161	0.5	97.0	0.5	0.5	0.	0.1	3.0
300	W163	0.	97.0	0.5	1.0	0.	1.0	1.0
300	W165	0.1	98.0	1.0	1.0	0.	0.1	0.5
300	W167	0.1	100.0	0.5	0.1	0.	0.1	0.
300	W169	0.1	100.0	0.1	0.	0.	0.	0.1
300	W170	0.	100.0	0.5	0.	0.1	0.1	0.1
300	W172	0.	77.0	1.0	2.0	0.	20.0	0.1
300	W174	0.	100.0	0.5	0.1	0.	0.1	0.1
300	W176	0.	98.0	1.0	1.0	0.	0.	0.1
300	W178	0.5	97.0	1.0	0.5	0.	0.	2.0
300	W180	0.1	100.0	0.1	0.1	0.	0.	0.1
300	W181	0.1	100.0	0.1	0.1	0.	0.1	0.
300	W182	0.	100.0	0.5	0.1	0.	0.1	0.1
300	W184	0.	97.0	1.0	2.0	0.1	0.	0.
300	W186	0.	98.0	1.0	1.0	0.	0.	0.
300	W188	0.1	99.0	0.1	1.0	0.	0.	0.1
300	W190	0.5	100.0	0.5	0.5	0.	0.	0.
300	W191	1.0	97.0	1.0	1.0	0.1	0.1	0.
300	W195	2.0	96.0	0.5	1.0	0.	0.1	1.0
300	W197	0.1	96.0	2.0	2.0	0.	0.	0.1
300	W200	1.0	97.0	0.5	2.0	0.	0.	0.
300	W204	2.0	96.0	0.5	0.5	0.1	0.	2.0
300	W205	0.1	99.0	0.5	1.0	0.1	0.1	0.
300	W207	0.1	99.0	0.5	1.0	0.	0.	0.
300	W209	0.1	98.0	1.0	1.0	0.1	0.	0.
300	W211	1.0	96.0	1.0	2.0	0.1	0.	0.
300	W213	2.0	96.0	0.5	2.0	0.1	0.1	0.
300	W215	0.	98.0	1.0	1.0	0.5	0.	0.1
300	W224	4.0	95.0	1.0	0.5	0.1	0.	0.1
300	W225	3.0	96.0	1.0	0.5	0.1	0.1	0.1
300	W227	1.0	87.0	0.5	0.5	0.1	0.5	12.0
300	W229	2.0	98.0	0.5	0.5	0.	0.1	0.5

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #		ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	1000		0.	15.0	3.0	0.5	0.	80.0	2.0
300	1001		0.5	97.0	0.5	1.0	0.1	0.	2.0
300	1002		0.	95.0	2.0	2.0	1.0	0.5	0.
300	1003		2.0	93.0	2.0	0.5	0.1	0.1	3.0
300	1004		0.1	97.0	1.0	1.0	1.0	0.1	0.
300	1005		0.	96.0	1.0	1.0	2.0	0.1	0.1
300	1006		5.0	90.0	1.0	0.5	0.5	1.0	3.0
300	1007		1.0	93.0	1.0	1.0	0.5	0.1	4.0
300	1008		0.	94.0	1.0	0.1	0.1	0.5	5.0
300	1009		2.0	86.0	1.0	1.0	0.	0.1	10.0
300	1010		2.0	92.0	1.0	1.0	0.	0.1	4.0
300	1011		0.5	94.0	1.0	1.0	1.0	0.1	3.0
300	1012		0.1	97.0	1.0	2.0	0.1	0.1	0.5
300	1013		0.	96.0	2.0	2.0	0.5	0.	0.5
300	1014		5.0	93.0	1.0	1.0	0.	0.	0.
300	1015		0.	93.0	1.0	0.	5.0	0.	0.
300	1016		15.0	84.0	1.0	0.	0.1	0.	0.
300	1017		60.0	39.0	1.0	0.	0.1	0.1	0.5
300	1018		0.	93.0	1.0	0.	5.0	0.	0.
300	1020		10.0	87.0	3.0	0.	0.1	0.1	0.
300	1021		8.0	75.0	2.0	0.	0.5	3.0	12.0
300	1023		8.0	90.0	2.0	0.	0.1	0.	0.
300	1024		0.	83.0	2.0	0.	12.0	0.	0.
300	1025		0.1	95.0	2.0	0.	3.0	0.	0.
300	1026		15.0	81.0	3.0	0.	1.0	0.	0.1
300	1027		0.	93.0	2.0	0.	3.0	0.	0.
300	1029		0.	92.0	1.0	0.	3.0	0.	3.0
300	1031		0.	95.0	2.0	0.	2.0	0.	0.
300	1032		0.1	96.0	2.0	0.	2.0	0.	0.
300	1033		25.0	73.0	2.0	0.	0.1	0.	0.
300	1034		4.0	94.0	2.0	0.	0.5	0.	0.1
300	1035	A	0.1	97.0	2.0	0.	1.0	0.	0.1
300	1036		10.0	87.0	3.0	0.	0.1	0.5	0.1
300	1037		1.0	97.0	2.0	0.	0.5	0.5	0.1
300	1038		8.0	89.0	3.0	0.	0.1	0.1	0.
300	1039		0.5	80.0	2.0	0.	1.0	15.0	0.5
300	1040		0.	95.0	2.0	0.	2.0	0.1	0.
300	1041		5.0	88.0	2.0	0.	0.1	2.0	3.0
300	1042		0.	86.0	2.0	0.	2.0	4.0	3.0
300	1043		15.0	70.0	2.0	0.	0.	3.0	10.0
300	1044		0.1	94.0	3.0	0.	1.0	2.0	0.5
300	1045		15.0	82.0	2.0	1.0	0.1	0.1	0.
300	1046		3.0	94.0	2.0	1.0	0.1	0.1	0.
300	1047	A	10.0	88.0	2.0	0.5	0.5	0.1	0.
300	1048		8.0	87.0	2.0	0.5	0.5	1.0	2.0
300	1049		0.	88.0	1.0	1.0	1.0	8.0	0.
300	1050		12.0	84.0	3.0	1.0	0.1	0.	0.
300	1051		10.0	86.0	3.0	1.0	0.5	0.1	0.
300	1052		3.0	96.0	1.0	0.5	0.1	0.	0.
300	1053		0.	97.0	2.0	1.0	0.	0.5	0.
300	1054		0.5	95.0	1.0	0.5	4.0	0.	0.1
300	1055		0.	98.0	1.0	1.0	0.1	0.5	0.
300	1056		0.5	99.0	1.0	0.5	0.1	0.1	0.5
300	1057		1.0	97.0	0.5	0.5	0.	0.	2.0
300	1058		1.0	94.0	0.5	1.0	0.	0.	4.0
300	1059		0.	96.0	2.0	2.0	0.1	0.1	0.1
300	1060		0.	100.0	0.5	0.1	0.1	0.5	0.1
300	1061	A	0.1	98.0	1.0	1.0	0.5	0.5	0.1
300	1062		5.0	92.0	1.0	2.0	0.1	0.1	0.
300	1063		0.5	99.0	1.0	0.5	0.	0.5	0.
300	1064		2.0	94.0	1.0	0.1	0.1	1.0	2.0
300	1066		0.1	99.0	1.0	0.5	0.1	0.	0.
300	1067		0.1	99.0	1.0	0.5	0.5	0.	0.
300	1068		0.	99.0	1.0	0.1	0.5	0.1	0.
300	1069		0.1	99.0	1.0	0.5	0.5	0.1	0.1
300	1070		0.5	96.0	3.0	0.5	0.1	0.1	1.0
300	1071		0.	96.0	1.0	0.1	1.0	2.0	0.
300	1072		0.	87.0	2.0	0.5	1.0	10.0	0.1
300	1073		0.	92.0	1.0	0.5	1.0	6.0	0.
300	1074		0.	91.0	1.0	0.5	0.1	8.0	0.
300	1075		0.5	98.0	2.0	0.5	0.5	0.1	0.1
300	1076		0.1	98.0	2.0	0.1	0.5	0.1	0.1
300	1077		2.0	88.0	2.0	0.5	0.5	5.0	3.0
300	1078	A	0.1	97.0	2.0	0.5	0.5	1.0	0.1
300	1079		1.0	95.0	1.0	1.0	0.5	2.0	0.
300	1080		0.1	97.0	2.0	0.1	0.1	0.5	1.0
300	1081		1.0	96.0	2.0	0.1	0.	0.1	1.0
300	1082		2.0	96.0	2.0	0.	0.1	0.1	0.1
300	1083		2.0	95.0	3.0	0.	0.1	0.1	0.1
300	1084		0.1	98.0	2.0	0.	0.1	0.	0.5
300	1091		0.	96.0	1.0	0.1	2.0	0.1	1.0
300	1092		1.0	96.0	1.0	0.1	1.0	0.1	1.0
300	1093		2.0	97.0	1.0	0.1	0.1	0.	0.
300	1094		0.	89.0	1.0	0.	8.0	0.5	0.
300	1095		1.0	96.0	2.0	0.1	1.0	0.5	0.1
300	1096		4.0	94.0	2.0	0.5	0.1	0.1	0.
300	1097		0.1	94.0	2.0	0.5	2.0	1.0	0.
300	1098		0.	75.0	2.0	0.	15.0	5.0	0.
300	1099		0.	94.0	2.0	0.1	3.0	0.5	0.
300	1100		3.0	97.0	0.5	0.5	0.	0.	0.1

SAND FRACTION COMPOSITION IN PERCENT

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0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	1101	3.0	97.0	0.5	0.5	0.	0.1	0.
300	1102	2.0	92.0	3.0	1.0	0.	0.	2.0
300	1103	0.	93.0	2.0	0.5	0.	0.1	5.0
300	1104	0.5	97.0	1.0	0.1	0.	0.	2.0
300	1106	3.0	94.0	1.0	0.5	0.	0.	2.0
300	1107	0.	97.0	1.0	2.0	0.	0.	0.
300	1108	0.	96.0	2.0	2.0	0.1	0.1	0.
300	1109	0.	98.0	2.0	0.5	0.1	0.1	0.1
300	1110	0.5	89.0	1.0	0.1	0.1	10.0	0.
300	1112	0.	95.0	1.0	2.0	0.1	2.0	0.1
300	1113	0.	95.0	1.0	2.0	0.	0.1	2.0
300	1114	0.1	100.0	0.1	0.1	0.	0.1	0.
300	1115	0.	90.0	2.0	2.0	0.1	4.0	2.0
300	1116	2.0	94.0	1.0	3.0	0.1	0.5	0.
300	1117	3.0	89.0	1.0	2.0	0.	2.0	3.0
300	1118	1.0	99.0	0.1	0.5	0.	0.1	0.
300	1119	2.0	92.0	1.0	2.0	0.	3.0	0.1
300	1120	0.	99.0	1.0	0.5	0.	0.1	0.1
300	1121	0.	97.0	1.0	2.0	0.1	0.	0.1
300	1123	0.5	100.0	0.5	0.1	0.	0.1	0.1
300	1124	0.1	100.0	0.5	0.1	0.	0.5	0.1
300	1125	0.1	100.0	0.5	0.	0.	0.1	0.5
300	1126	0.1	98.0	0.1	0.1	0.	0.1	2.0
300	1127	0.5	98.0	1.0	0.5	0.	0.5	1.0
300	1128	1.0	92.0	1.0	0.5	0.	0.1	6.0
300	1129	5.0	87.0	1.0	2.0	0.	0.5	5.0
300	1130	3.0	49.0	0.5	1.0	0.	12.0	35.0
300	1131	3.0	87.0	1.0	0.5	0.1	4.0	5.0
300	1133	15.0	76.0	2.0	4.0	0.1	3.0	0.5
300	1134	15.0	73.0	2.0	2.0	0.1	6.0	2.0
300	1135	9.0	83.0	2.0	1.0	0.1	0.5	5.0
300	1136	15.0	79.0	3.0	1.0	0.	0.1	2.0
300	1137	30.0	60.0	2.0	0.5	0.5	3.0	5.0
300	1138	20.0	73.0	2.0	1.0	0.5	2.0	2.0
300	1139	40.0	56.0	2.0	1.0	0.5	0.1	1.0
300	1140	1.0	97.0	1.0	1.0	0.1	0.1	0.1
300	1141	5.0	87.0	1.0	2.0	0.1	0.5	5.0
300	1142	4.0	91.0	2.0	1.0	0.1	0.1	2.0
300	1143	4.0	91.0	2.0	0.5	0.1	0.5	3.0
300	1144	35.0	62.0	2.0	1.0	0.1	0.5	0.1
300	1146	20.0	72.0	2.0	1.0	0.1	1.0	4.0
300	1147	15.0	71.0	2.0	0.5	0.	4.0	8.0
300	1148	8.0	88.0	1.0	1.0	0.1	1.0	1.0
300	1149	20.0	74.0	2.0	1.0	0.5	0.5	3.0
300	1150	20.0	77.0	2.0	0.5	0.1	1.0	0.1
300	1151	30.0	66.0	2.0	2.0	0.1	0.	0.1
300	1152	20.0	75.0	2.0	1.0	0.5	0.5	2.0
300	1153	10.0	86.0	2.0	1.0	1.0	0.1	0.
300	1154	35.0	50.0	3.0	0.1	0.1	0.1	12.0
300	1155	35.0	48.0	3.0	0.1	0.5	4.0	10.0
300	1156	15.0	74.0	4.0	0.1	0.5	3.0	4.0
300	1157	12.0	77.0	4.0	0.1	0.1	2.0	5.0
300	1158	30.0	48.0	4.0	0.	0.5	3.0	15.0
300	1160	35.0	52.0	3.0	0.	0.5	2.0	8.0
300	1161	20.0	68.0	3.0	0.	0.5	2.0	7.0
300	1162	15.0	75.0	3.0	0.	0.5	2.0	5.0
300	1163	65.0	24.0	5.0	0.	0.1	1.0	5.0
300	1164	0.	95.0	2.0	0.1	1.0	1.0	1.0
300	1165	35.0	49.0	7.0	0.	0.	1.0	8.0
300	1166 A	20.0	72.0	5.0	0.	0.	1.0	2.0
300	1167	20.0	71.0	5.0	0.1	0.1	2.0	2.0
300	1168	4.0	93.0	3.0	0.	0.1	0.5	0.5
300	1169	3.0	93.0	4.0	0.1	0.1	0.5	0.5
300	1170	2.0	93.0	3.0	0.1	0.5	0.5	2.0
300	1171	15.0	80.0	5.0	0.	0.5	0.	0.
300	1172 A	5.0	86.0	4.0	0.	0.1	1.0	4.0
300	1173	2.0	95.0	3.0	0.	0.1	0.5	0.5
300	1174	20.0	10.0	1.0	0.	0.	1.0	66.0
300	1175	15.0	80.0	5.0	0.	0.1	0.1	0.1
300	1176	5.0	66.0	3.0	0.1	0.1	4.0	20.0
300	1177	25.0	64.0	3.0	0.	0.1	1.0	7.0
300	1178	30.0	61.0	4.0	0.	0.	1.0	4.0
300	1179	10.0	87.0	3.0	0.	0.5	0.5	0.1
300	1180	30.0	67.0	3.0	0.	0.1	0.1	0.1
300	1181	0.	98.0	1.0	0.	0.1	0.	0.1
300	1182	40.0	50.0	2.0	0.	0.1	4.0	4.0
300	1184	20.0	74.0	2.0	0.1	0.1	0.1	4.0
300	1185	15.0	10.0	1.0	0.	0.1	1.0	70.0
300	1186 A	1.0	95.0	4.0	0.	0.1	0.1	0.1
300	1188	0.	92.0	2.0	0.	2.0	3.0	0.
300	1189	0.	15.0	3.0	0.	0.	81.0	0.
300	1191	0.	66.0	2.0	0.	0.5	30.0	0.
300	1192 A	12.0	86.0	2.0	0.5	0.5	0.1	0.5
300	1193 A	1.0	95.0	1.0	0.1	3.0	0.1	0.5
300	1194	0.	10.0	2.0	0.	3.0	73.0	7.0
300	1195 A	0.5	97.0	2.0	0.5	1.0	0.	0.
300	1196	2.0	95.0	2.0	1.0	0.	0.1	0.1
300	1198	8.0	89.0	3.0	0.5	0.5	0.	0.
300	1199	0.	95.0	2.0	0.1	3.0	0.	0.
300	1200	8.0	89.0	2.0	0.	1.0	0.	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #		ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	1202		0.	95.0	2.0	0.	3.0	0.	0.
300	1203		0.1	96.0	2.0	0.	2.0	0.	0.
300	1204		5.0	94.0	1.0	0.1	0.1	0.	0.
300	1205		0.	93.0	1.0	1.0	5.0	0.	0.1
300	1206		0.	96.0	1.0	1.0	2.0	0.	0.
300	1207		3.0	96.0	1.0	0.1	0.1	0.1	0.1
300	1208		1.0	98.0	1.0	0.1	0.1	0.1	0.1
300	1209		3.0	96.0	1.0	0.1	0.	0.	0.1
300	1210		2.0	97.0	1.0	0.1	0.5	0.	0.
300	1211		1.0	95.0	1.0	1.0	2.0	0.1	0.
300	1212		0.1	96.0	2.0	0.5	2.0	0.	0.
300	1213		2.0	93.0	2.0	0.5	3.0	0.	0.
300	1214	A	10.0	87.0	1.0	1.0	1.0	0.	0.
300	1216		3.0	94.0	1.0	2.0	0.	0.1	0.5
300	1217		0.	98.0	1.0	1.0	0.	0.	0.
300	1219		0.	98.0	1.0	1.0	0.	0.	0.
300	1220		0.	98.0	0.1	0.	0.	0.	2.0
300	1221		0.	99.0	0.5	1.0	0.	0.	0.1
300	1222		1.0	95.0	0.1	1.0	0.	0.	3.0
300	1224		20.0	73.0	3.0	0.1	0.5	2.0	2.0
300	1226		2.0	92.0	3.0	1.0	2.0	0.1	0.
300	1227		10.0	84.0	2.0	2.0	2.0	0.5	0.5
300	1228		30.0	62.0	5.0	0.1	0.	0.5	3.0
300	1229		6.0	87.0	2.0	1.0	1.0	0.5	3.0
300	1230		6.0	91.0	2.0	0.5	0.1	0.1	1.0
300	1231		0.	97.0	1.0	1.0	1.0	0.	0.
300	1232		0.	97.0	1.0	1.0	1.0	0.1	0.
300	1233		12.0	80.0	3.0	0.5	0.5	1.0	4.0
300	1234		0.	95.0	1.0	1.0	1.0	1.0	0.
300	1235		8.0	88.0	2.0	0.1	2.0	0.1	0.1
300	1236		3.0	95.0	2.0	0.	0.5	0.1	0.1
300	1237		3.0	60.0	2.0	0.	0.5	3.0	30.0
300	1238		15.0	69.0	4.0	0.	0.1	4.0	8.0
300	1239	A	5.0	68.0	4.0	0.	1.0	2.0	20.0
300	1240		10.0	70.0	2.0	0.	1.0	2.0	15.0
300	1241		1.0	85.0	3.0	0.	1.0	5.0	5.0
300	1242		5.0	93.0	2.0	0.	0.1	0.1	0.
300	1243		0.	91.0	1.0	0.	3.0	3.0	0.
300	1245		3.0	74.0	2.0	0.1	0.1	15.0	6.0
300	1246		10.0	86.0	3.0	0.	1.0	0.	0.
300	1247		0.	0.	0.	0.	0.	0.	0.
300	1248		0.1	95.0	1.0	2.0	2.0	0.5	0.
300	1249		1.0	94.0	1.0	2.0	1.0	1.0	0.
300	1250		2.0	86.0	1.0	1.0	0.5	10.0	0.
300	1251		1.0	91.0	1.0	2.0	1.0	4.0	0.
300	1252		0.	92.0	1.0	2.0	2.0	2.0	0.
300	1253	A	4.0	93.0	2.0	1.0	0.5	0.5	0.1
300	1255	A	0.4	39.0	1.0	1.0	2.0	57.0	0.
300	1256		2.0	96.0	1.0	1.0	0.1	0.1	0.
300	1257		3.0	96.0	0.5	1.0	0.1	0.1	0.
300	1258		0.1	96.0	2.0	0.1	0.5	0.	2.0
300	1259		1.0	97.0	2.0	0.1	0.1	0.1	0.5
300	1261		0.1	77.0	1.0	1.0	1.0	20.0	0.
300	1262		0.	95.0	1.0	0.1	3.0	1.0	0.
300	1263		0.1	36.0	1.0	1.0	2.0	60.0	0.1
300	1264		0.	93.0	0.5	1.0	2.0	4.0	0.
300	1265		0.	86.0	1.0	1.0	2.0	10.0	0.
300	1268		0.	93.0	1.0	1.0	1.0	4.0	0.
300	1269		0.	90.0	1.0	1.0	3.0	5.0	0.
300	1270	A	0.	87.0	0.5	2.0	1.0	10.0	0.
300	1271		0.	96.0	1.0	1.0	2.0	0.5	0.
300	1272		0.	95.0	0.5	2.0	2.0	1.0	0.
300	1273		1.0	95.0	1.0	1.0	1.0	1.0	0.5
300	1275		4.0	92.0	1.0	3.0	0.1	0.1	0.1
300	1276		3.0	92.0	4.0	0.5	1.0	0.	0.
300	1277		0.	98.0	2.0	0.1	0.1	0.	0.1
300	1278		0.	98.0	2.0	0.1	0.1	0.	0.
300	1279		0.1	98.0	2.0	0.	0.	0.1	0.
300	1280		0.	98.0	2.0	0.1	0.1	0.1	0.
300	1281	A	3.0	94.0	3.0	0.1	0.1	0.	0.1
300	1282		1.0	96.0	3.0	0.1	0.1	0.1	0.
300	1283		1.0	97.0	2.0	0.	0.	0.	0.
300	1284		0.5	99.0	1.0	0.5	0.1	0.	0.1
300	1285		0.5	97.0	0.5	1.0	0.1	0.	2.0
300	1286		0.1	99.0	1.0	0.1	0.1	0.	0.1
300	1287		0.	99.0	1.0	0.1	0.	0.	0.
300	1288	A	0.1	98.0	1.0	1.0	0.5	0.	0.1
300	1289		0.1	98.0	2.0	0.5	0.1	0.1	0.
300	1290		0.1	98.0	2.0	0.5	0.1	0.	0.
300	1291		0.5	98.0	2.0	0.5	0.1	0.	0.
300	1292		1.0	94.0	4.0	1.0	0.1	0.	0.1
300	1293		0.5	98.0	2.0	0.5	0.1	0.1	0.
300	1294		0.	98.0	2.0	0.1	0.5	0.1	0.1
300	1295		0.	97.0	3.0	0.1	0.1	0.	0.1
300	1296		0.	98.0	2.0	0.1	0.1	0.	0.
300	1297		1.0	97.0	2.0	0.1	0.1	0.1	0.1
300	1298		2.0	95.0	3.0	0.5	0.	0.	0.
300	1299		2.0	93.0	2.0	0.5	0.1	0.1	3.0
300	1300		0.1	98.0	2.0	0.1	0.1	0.	0.
300	1301		1.0	97.0	2.0	0.5	0.1	0.	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	1302	2.0	96.0	2.0	0.5	0.1	0.1	0.1
300	1303	3.0	94.0	2.0	1.0	0.	0.	0.1
300	1304	5.0	90.0	4.0	1.0	0.	0.	0.
300	1305	2.0	94.0	2.0	2.0	0.5	0.1	0.1
300	1306	1.0	96.0	2.0	0.5	0.	0.1	1.0
300	1307	4.0	93.0	2.0	1.0	0.	0.	0.1
300	1308	1.0	96.0	2.0	1.0	0.1	0.	0.1
300	1309	1.0	94.0	3.0	2.0	0.1	0.	0.
300	1310	3.0	95.0	2.0	0.5	0.	0.1	0.
300	1311	5.0	90.0	2.0	1.0	0.	0.	2.0
300	1312 A	2.0	95.0	2.0	1.0	0.1	0.	0.
300	1321	0.5	97.0	3.0	0.5	0.1	0.1	0.
300	1322	0.5	97.0	2.0	1.0	0.1	0.1	0.5
300	1323	1.0	89.0	2.0	1.0	0.5	7.0	0.5
300	1324 A	0.5	97.0	2.0	0.5	0.5	1.0	0.1
300	1325	0.1	97.0	2.0	0.5	1.0	0.1	0.1
300	1326	0.	96.0	1.0	0.1	3.0	0.5	0.1
300	1327	0.	30.0	0.5	0.1	9.0	60.0	0.1
300	1328	0.	10.0	1.0	0.1	5.0	84.0	0.
300	1329 A	0.	87.0	1.0	0.1	2.0	10.0	0.
300	1330	0.	15.0	0.5	0.1	3.0	77.0	0.
300	1332	0.	76.0	1.0	0.5	3.0	20.0	0.
300	1333	0.	58.0	1.0	0.	10.0	30.0	0.
300	1334	0.1	76.0	1.0	2.0	12.0	8.0	0.
300	1335	0.5	97.0	2.0	0.5	1.0	0.1	0.
300	1336	0.1	97.0	1.0	1.0	0.	0.1	1.0
300	1372	2.0	94.0	2.0	2.0	0.1	0.5	0.1
300	1373	0.1	98.0	2.0	0.5	0.1	0.1	0.5
300	1374	0.1	96.0	2.0	1.0	0.1	0.	1.0
300	1375	2.0	94.0	4.0	0.5	0.	0.1	0.1
300	1380	0.	100.0	0.5	0.1	0.	0.	0.
300	1381	0.	98.0	0.5	2.0	0.1	0.	0.
300	1382 A	0.5	97.0	1.0	2.0	0.1	0.1	0.
300	1383	0.	96.0	2.0	0.	2.0	0.	0.1
300	1384	0.	96.0	3.0	0.	1.0	0.	0.
300	1385	0.	97.0	3.0	0.1	0.5	0.	0.1
300	1386	0.1	80.0	0.5	20.0	0.5	0.	0.1
300	1387	0.	98.0	2.0	0.5	0.1	0.	0.5
300	1388	0.	100.0	0.5	0.1	0.1	0.	0.1
300	1389	0.1	98.0	2.0	0.	0.5	0.	0.5
300	1390	0.	98.0	2.0	0.1	0.5	0.1	0.1
300	1391	0.1	99.0	1.0	0.	0.1	0.	0.1
300	1392	0.	97.0	0.5	0.1	0.1	0.	3.0
300	1393	0.	98.0	2.0	0.1	0.1	0.	0.
300	1394	0.1	98.0	2.0	0.1	0.1	0.	0.1
300	1395	0.	99.0	1.0	0.	0.1	0.	0.5
300	1396	0.	98.0	2.0	0.	0.1	0.	0.1
300	1397	0.5	98.0	2.0	0.	0.1	0.	0.1
300	1398	0.	98.0	2.0	0.1	0.1	0.	0.5
300	1399	0.1	98.0	2.0	0.	0.1	0.	0.
300	1400	0.	62.0	2.0	35.0	1.0	0.1	0.1
300	1407	8.0	90.0	1.0	1.0	0.	0.1	0.1
300	1408	2.0	96.0	1.0	1.0	0.1	0.1	0.1
300	1409	0.	97.0	1.0	1.0	1.0	0.5	0.
300	1410	1.0	96.0	2.0	1.0	0.1	0.	0.
300	1411	0.1	99.0	0.1	0.5	0.	0.	1.0
300	1412	3.0	88.0	1.0	1.0	0.	0.	7.0
300	1896	0.	96.0	4.0	0.	0.1	0.	0.
300	1897	0.1	97.0	3.0	0.	0.	0.1	0.1
300	1898	0.	81.0	2.0	0.	2.0	0.	0.
300	1899	15.0	79.0	4.0	0.	1.0	0.1	1.0
300	1900	0.	98.0	1.0	0.	1.0	0.	0.
300	1901	5.0	93.0	2.0	0.	0.1	0.1	0.
300	1902	0.	2.0	0.1	0.	0.1	0.1	0.
300	1903	0.1	52.0	1.0	0.	1.0	0.5	5.0
300	1904	12.0	69.0	4.0	0.	0.1	0.1	0.
300	1905	2.0	93.0	2.0	0.	2.0	0.1	1.0
300	1906	0.	97.0	1.0	0.	2.0	0.1	0.5
300	1907	0.	3.0	0.1	0.	1.0	0.	0.
300	1908	15.0	81.0	3.0	0.	0.5	0.1	1.0
300	1909	0.	96.0	2.0	0.	1.0	0.1	1.0
300	1910	0.	95.0	2.0	0.	3.0	0.	0.1
300	1911	0.	92.0	2.0	0.	4.0	0.5	0.1
300	1912	20.0	15.0	2.0	0.	2.0	0.	6.0
300	1913	0.1	96.0	2.0	0.	2.0	0.	0.
300	1914	20.0	56.0	3.0	0.	2.0	0.	0.
300	1915	30.0	8.0	2.0	0.	0.5	0.	0.
300	1917	0.	94.0	2.0	0.	2.0	0.	0.
300	1918	4.0	74.0	3.0	0.	1.0	0.1	3.0
300	1919	0.1	90.0	2.0	0.	8.0	0.1	0.5
300	1920	0.	90.0	2.0	0.	8.0	0.	0.1
300	1921	30.0	62.0	4.0	0.	2.0	0.	0.
300	1922	40.0	56.0	4.0	0.	0.1	0.	0.
300	1923	20.0	75.0	4.0	0.	0.1	0.	1.0
300	1924	0.	87.0	2.0	0.	8.0	0.1	0.
300	1925	0.	93.0	2.0	0.	5.0	0.	0.
300	1926	0.	95.0	2.0	0.	3.0	0.1	0.1
300	1927	0.	98.0	2.0	0.	0.5	0.	0.
300	1928	5.0	87.0	4.0	0.	4.0	0.1	0.
300	1929	0.	99.0	1.0	0.1	0.	0.	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	1930	0.	99.0	1.0	0.1	0.1	0.	0.1
300	1931	3.0	93.0	2.0	0.5	0.1	0.	2.0
300	1932	1.0	78.0	4.0	0.	2.0	0.1	15.0
300	1933	8.0	90.0	2.0	0.	0.5	0.1	0.
300	1934	5.0	84.0	3.0	0.	5.0	0.	3.0
300	1935	1.0	61.0	3.0	0.1	4.0	1.0	30.0
300	1936	2.0	95.0	2.0	0.1	1.0	0.	0.
300	1937	2.0	92.0	5.0	0.	1.0	0.1	0.5
300	1938	2.0	89.0	3.0	0.	2.0	0.1	4.0
300	1939	0.	76.0	6.0	0.	3.0	0.	15.0
300	1940	2.0	91.0	4.0	0.	2.0	0.	1.0
300	1941	8.0	86.0	4.0	0.	2.0	0.	0.
300	1942	7.0	88.0	4.0	0.	1.0	0.	0.
300	1943	0.	89.0	3.0	0.	6.0	0.5	2.0
300	1944	0.	93.0	2.0	0.	5.0	0.1	0.1
300	1945	0.	87.0	2.0	0.	6.0	2.0	3.0
300	1946	2.0	95.0	2.0	0.	1.0	0.	0.1
300	1947	0.1	72.0	5.0	0.	4.0	4.0	15.0
300	1948	1.0	86.0	2.0	0.1	6.0	1.0	2.0
300	1949	3.0	85.0	2.0	1.0	3.0	0.	1.0
300	1950	0.1	66.0	3.0	0.1	4.0	0.	2.0
300	1951 A	15.0	74.0	5.0	0.	1.0	0.	5.0
300	1952	0.1	85.0	3.0	0.1	4.0	0.	0.1
300	1953	0.5	94.0	3.0	0.1	2.0	0.	0.1
300	1954	0.1	80.0	7.0	0.5	1.0	2.0	10.0
300	1955	1.0	68.0	5.0	1.0	1.0	0.	0.
300	1956	0.	92.0	1.0	3.0	1.0	0.	3.0
300	1957	0.	63.0	2.0	35.0	0.1	0.	0.
300	1958	0.	73.0	2.0	25.0	0.1	0.1	0.1
300	1959	0.	99.0	1.0	0.5	0.	0.	0.
300	2005	0.	97.0	1.0	2.0	0.5	0.	0.1
300	2006	0.	98.0	2.0	0.	0.1	0.	0.1
300	2007	0.	87.0	3.0	10.0	0.1	0.	0.
300	2008	0.	95.0	2.0	0.	3.0	0.	0.1
300	2009	3.0	92.0	3.0	0.	0.1	0.	2.0
300	2010	0.1	99.0	1.0	0.	0.	0.	0.
300	2011	1.0	97.0	2.0	0.	0.1	0.	0.
300	2120	0.	35.0	0.5	0.5	3.0	61.0	0.
300	2121	0.	91.0	3.0	1.0	3.0	2.0	0.
300	2122	0.5	90.0	1.0	2.0	4.0	3.0	0.1
300	2123	0.1	92.0	1.0	1.0	4.0	2.0	0.
300	2124	0.	91.0	2.0	1.0	5.0	1.0	0.
300	2125	0.1	55.0	1.0	1.0	3.0	40.0	0.
300	2127	0.1	58.0	2.0	0.	5.0	35.0	0.
300	2128	0.	20.0	1.0	0.1	4.0	75.0	0.
300	2129	0.	92.0	1.0	1.0	3.0	3.0	0.
300	2130	0.	86.0	1.0	1.0	2.0	10.0	0.
300	2131	0.	91.0	1.0	1.0	4.0	3.0	0.
300	2132 A	0.	94.0	2.0	0.5	2.0	2.0	0.
300	2133	0.	0.5	0.1	0.1	3.0	96.0	0.
300	2134	0.	2.0	0.1	0.1	1.0	97.0	0.
300	2135	0.	65.0	2.0	1.0	2.0	30.0	0.
300	2136	0.	86.0	2.0	2.0	0.5	10.0	0.
300	2137	0.	56.0	2.0	0.5	2.0	40.0	0.
300	2138	0.	94.0	2.0	0.5	1.0	3.0	0.
300	2139	0.	91.0	1.0	4.0	1.0	3.0	0.
300	2140	0.	74.0	1.0	2.0	3.0	20.0	0.
300	2141	0.	20.0	1.0	0.5	2.0	77.0	0.
300	2142	0.	67.0	1.0	1.0	1.0	30.0	0.
300	2143	0.	4.0	1.0	0.1	1.0	94.0	0.
300	2144	0.	0.1	1.0	0.1	0.5	99.0	0.
300	2145	0.	4.0	1.0	0.5	2.0	92.0	0.
300	2146	0.	4.0	0.1	0.1	1.0	95.0	0.
300	2147	0.	5.0	0.1	1.0	2.0	92.0	0.
300	2148	0.	65.0	1.0	1.0	3.0	30.0	0.
300	2149	0.	96.0	2.0	0.1	0.1	2.0	0.
300	2150 A	0.	92.0	1.0	2.0	1.0	4.0	0.
300	2151	0.	20.0	1.0	0.1	2.0	77.0	0.
300	2152	0.	93.0	2.0	1.0	1.0	3.0	0.
300	2153	0.1	75.0	1.0	2.0	2.0	20.0	0.
300	2154	0.	53.0	1.0	1.0	0.5	45.0	0.
300	2155	0.	15.0	1.0	0.5	0.1	84.0	0.
300	2156	0.	58.0	2.0	0.5	0.1	40.0	0.
300	2157	0.	3.0	0.5	1.0	1.0	95.0	0.
300	2158	0.	60.0	2.0	0.1	3.0	35.0	0.
300	2159	0.	79.0	1.0	1.0	4.0	15.0	0.
300	2160	0.	95.0	1.0	2.0	2.0	0.1	0.
300	2161	0.	82.0	1.0	2.0	3.0	12.0	0.
300	2162	0.	15.0	1.0	1.0	3.0	80.0	0.
300	2163	0.	8.0	1.0	0.5	2.0	89.0	0.
300	2164	0.	3.0	0.5	0.1	1.0	96.0	0.
300	2165	0.	4.0	0.5	0.1	1.0	95.0	0.
300	2166	0.5	55.0	1.0	1.0	3.0	40.0	0.
300	2167	1.0	82.0	1.0	1.0	0.5	15.0	0.
300	2168	0.	4.0	1.0	0.5	3.0	92.0	0.
300	2169	0.	10.0	1.0	1.0	3.0	85.0	0.
300	2170	0.	15.0	0.5	1.0	2.0	82.0	0.
300	2171	0.	93.0	1.0	1.0	1.0	4.0	0.
300	2172	3.0	92.0	2.0	0.5	0.5	3.0	0.
300	2173	0.1	94.0	2.0	1.0	1.0	2.0	0.

SAND FRACTION COMPOSITION IN PERCENT

0.1 = TRACE

0.5 = LESS THAN 1%

CODE #	STATION #	ROCK FRAGMENTS	QUARTZ, FELDSPAR	DARK MINERALS	GLAUCONITE	MICA	FORAMINIFERA	SHELL
300	2174	0.	83.0	1.0	1.0	3.0	12.0	0.
300	2175	1.0	92.0	2.0	5.0	0.1	0.1	0.
300	2176	0.	97.0	1.0	2.0	0.1	0.5	0.
300	2177	0.	89.0	2.0	6.0	2.0	1.0	0.
300	2178	0.	89.0	1.0	2.0	4.0	4.0	0.
300	2179	0.	61.0	1.0	1.0	5.0	30.0	0.
300	2180	0.	74.0	2.0	1.0	2.0	20.0	0.
300	2181	0.1	91.0	1.0	1.0	3.0	4.0	0.
300	2182	0.	92.0	1.0	3.0	2.0	2.0	0.
300	2183	0.1	85.0	2.0	1.0	2.0	10.0	0.
300	2184	3.0	72.0	1.0	2.0	2.0	20.0	0.
300	2185	0.	86.0	0.5	2.0	2.0	10.0	0.
300	2186	0.5	93.0	0.5	2.0	2.0	3.0	0.
300	2187	0.	25.0	1.0	1.0	1.0	72.0	0.
300	2188	0.	35.0	0.5	1.0	2.0	62.0	0.
300	2189	0.	67.0	0.5	1.0	2.0	30.0	0.
300	2190	0.	92.0	1.0	1.0	1.0	5.0	0.
300	2191 A	1.0	90.0	0.5	8.0	0.5	1.0	0.
300	2192	0.	90.0	1.0	2.0	2.0	5.0	0.
300	2193	0.5	93.0	0.5	2.0	2.0	3.0	0.
300	2194	0.1	92.0	0.5	5.0	2.0	1.0	0.
300	2195	1.0	95.0	0.5	2.0	2.0	0.1	0.
300	2196	0.1	90.0	1.0	1.0	1.0	7.0	0.
300	2197	3.0	63.0	1.0	3.0	0.1	30.0	0.
300	2200	0.	93.0	0.5	2.0	4.0	1.0	0.
300	2201	2.0	88.0	1.0	1.0	2.0	6.0	0.
300	2202	4.0	83.0	3.0	5.0	1.0	4.0	0.
300	2203	0.	91.0	1.0	3.0	2.0	3.0	0.
300	2204	15.0	77.0	3.0	3.0	2.0	0.1	0.
300	2205	15.0	78.0	3.0	2.0	0.5	2.0	0.
300	2206	0.	84.0	2.0	3.0	3.0	8.0	0.
300	2207	10.0	81.0	4.0	3.0	0.	2.0	0.
300	2209	0.	89.0	2.0	1.0	3.0	5.0	0.
300	2210	25.0	63.0	3.0	6.0	0.1	3.0	0.
300	2211	0.	57.0	1.0	0.5	6.0	35.0	0.
300	2212	0.	82.0	1.0	1.0	4.0	10.0	0.

Code Line 310 Carbonate fraction composition (New Jersey to Key West)

This line gives the composition of the calcium carbonate components within the total sand and gravel fraction (>0.062 mm). The amount of each component was determined by point counts under either the binocular or the petrographic microscope. For some samples estimates of abundance rather than point counts were made. These estimates are coded as: F = flood = >50%, A = abundant = 25%-50%, C = common = 5%-25%, and R = rare = <5% and are given two character positions to the right of the positions in which the percentages obtained by point counts are given.

Acknowledgements

The carbonate fraction analyses were made by John D. Milliman.

Explanation of headings

CODE #	310 denotes carbonate fraction composition.
STATION #	As described under code line 100 above.
$CACO_3$	Amount of $CACO_3$, in percent, determined by point count.
MIC	Type of microscope used: B = Binocular microscope P = Petrographic microscope
MLSK	Mollusk shells or fragments of shells
ECH	Echinoids or fragments
BNTH F	Benthonic foraminifers or fragments
PLKT F	Planktonic foraminifers or fragments
BRYZ	Bryozoans or fragments
SERP	Serpulid worm tubes or fragments
BRNCL	Barnacle plates or fragments
COR ALG	Coralline algae
HLMD	*Hallimeda* plates or fragments
CORAL	Coral
PLTD	Pelletoids
OOID	Ooids
ENCR & ALTD	Encrusted and altered material
LTH	Lithoclasts

UKNWN	Unknown carbonate material
MISC	Miscellaneous, types of carbonate material other than those listed
ASSEMBLAGE CODE	Assemblages defined on the basis of the major carbonate components.

Letter codes identifying type of carbonate assemblage:

M = Mollusk
ME = Echinoid - Mollusk
BFM = Benthonic foraminifera - mollusk
BM = Barnacle - mollusk
BC = Barnacle - coralline algae
OP = Oolite - pelletoid
OTC = Outcrop
CR = Coral reef
L = Lithoclast
PF = Planktonic foraminifera
PFC = Planktonic foraminifera-coral
PFP = Planktonic foraminifera-pteropod
REW = Reworked
MX = Mixed assemblages

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
310	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	$CaCO_3$	21-23	I	3
	Type of microscope	25	A	1
	Mollusk (percent)	27-29	I	3
	" (abundance code)	31	A	1
	Echinoid (percent)	33-35	I	3
	" (abundance code)	37	A	1
	Benthonic foraminifers (percent)	39-41	I	3
	" (abundance code)	43	A	1
	Planktonic foraminifers (percent)	45-47	I	3
	" (abundance code)	49	A	1
	Bryozoa (percent)	51-52	I	2
	" (abundance code)	54	A	1
	Serpulid (percent)	56-57	I	2
	" (abundance code)	59	A	1
	Barnacle (percent)	61-62	I	2
	" (abundance code)	64	A	1
	Coralline algae (percent)	66-67	I	2
	" (abundance code)	69	A	1
	Hallimeda (percent)	71-72	I	2
	" (abundance code)	74	A	1
	Coral (percent)	76-77	I	2
	" (abundance code)	79	A	1
	Pelletoid (percent)	81-82	I	2
	" (abundance code)	84	A	1
	Ooid (percent)	86-87	I	2
	" (abundance code)	89	A	1
	Encrusted and altered fragments (percent)	91-92	I	2
	" (abundance code)	94	A	1
	Lithoclasts (percent)	96-97	I	2
	" (abundance code)	99	A	1
	Unknown (percent)	101-102	I	2
	" (abundance code)	104	A	1
	Miscellaneous (percent)	106-107	I	2
	" (abundance code)	109	A	1
	Carbonate assemblage code	112-118	A	7

CARBONATE FRACTION COMPOSITION, IN PERCENT OR: F=>50%, A=25-50%, C=5-25%, R=<5%

CODE #	STATION #	CACO3 MIC	MLSK	ECH	BNTH F	PLKT F	BRYZ	SERP	BRNCL	COR ALG	CORAL HLMD	PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	1314	2 B	20	65	15													ME
310	1315	2 B																
310	1316	2 B	95						4									M
310	1317	2 B	5	95														ME
310	1318	2 B	13	87														ME
310	1319	2 B	50	50														ME
310	1320	2 B	35	62	3													ME
310	1337	3 B	60	25	5			10										ME
310	1339	2 B	53	13	32													BFM
310	1340	1 B	37	53	12													ME
310	1341	2 B	22	77														ME
310	1342	3 B	45	51	3													ME
310	1343	1 B		100														ME
310	1344	3 B	13	87														ME
310	1345	2 B	78	18	4													M
310	1346	2 B	100															M
310	1347	1 B	100															M
310	1348	1 B		100														ME
310	1349	1 B	80	5	15													M
310	1350	1 B	50		50													BFM
310	1351	1 B	35	65														ME
310	1352	2 B	35	56	2												5	ME
310	1353	2 B	38	64														ME
310	1354	2 B	53	41	6													ME
310	1355	4 B	36		20	40												PF-M
310	1356	1 B	50	14		28	-1	-1	-1								-1	M-PF
310	1357	13 B	1			98		1										PF
310	1358	7 B	-1	-1		100												PF
310	1359	6 B	76	4	19													M
310	1360	2 B	70	10	20													M
310	1361	6 B	50	42	8													ME
310	1362	1 B	69	17	10													M
310	1363	1 B	57	33	11													ME
310	1365	1 B	67	5	10	16												M
310	1366	3 B	95	3	2													M
310	1369	4 B	77	3		15	-1	2										M
310	1404	30 P	21	1	1		9		53	2				11				BC
310	1405	71 P	10	2	5		5	3	55	8	-1	-1	-1	6	4			BC
310	1415	2 B	46	43	11													ME
310	1416	1 B	32	4	50	14												BFM
310	1417	-1 B	88	12														M
310	1418	-1 B	-1	-1	-1													
310	1419	1 B	32	4	64													BFM
310	1420	2 B	76	10	14													M
310	1421	2 B	70	11	18													M
310	1422	1 B	78	22														ME
310	1423	1 B	68	11	20													M
310	1424	1 B	14	34	48												4	BFM-ME
310	1425	B	84	15			-1		-1									M
310	1426	1 B	45	45	2													ME
310	1427	2 B	67	24	6													ME
310	1428	1 B	85	10	5													M
310	1429	1 B	-1		-1													
310	1430	1 B	84	2	11												2	M
310	1431	1 B	80	20														ME
310	1433	2 B	60	26	12												2	ME
310	1434	2 B	65	23	6			2	2									ME
310	1435	7 B	92	3					5									M
310	1436	3 B	42	39	15			1									2	ME
310	1437	50 P	22	3	1		4		11	43	1	1	1	1	5	1		BC
310	1438	3 B	52	33	13		1											ME
310	1439	3 B	82	6	-1			7	2									M
310	1440	5 B	77	9	4		1	6	3									M
310	1441	3 B	68	10	14			5									2	M
310	1442	3 B	67	8	4			18	3									M
310	1443	19 P	20	18	8				5	2			14		18			MX
310	1444	46 P	65	4	3		-1	1	9	3			5	5	1			M
310	1445	41 P	63	2	1		2		2	2			9	11	3			M-BP
310	1446	52 P	32	2	3		2		3	14	-1	-1	14	17	6			BP
310	1447	23 B	62	3	1		-1	5					27					M
310	1449	17 B	66	11	13		-1	3	-1				5					M
310	1450	10 B	61	10	12		-1	1					13					M
310	1451	21 P	26	2	2		11		2	1			24	22	9			BP
310	1452	20 P	25	1	2		7		5	14	-1		16		18	6		MX
310	1453	11 B	70	8	3		3	13	-1				2					M
310	1454	13 B	74	13	6			3	1				1		1			M
310	1455	7 B	19	1	-1		3	-1					21			53		BTC
310	1456	15 P	39	4	4		23	-1	5	6			7		8	4		M
310	1457	45 P	33	4	2		6	1	28	2		1	-1		15	6		BC
310	1458	14 P	34	6	-1		7	6	13	2			1		16	10		REM
310	1459	28 B	88	2			1	-1					3			5		M
310	1460	17 B	79	5	2			2						9				M
310	1462	8 B	67	20	6			3					1		3			ME
310	1463	8 B	54	12	1			30					-1		-1			M
310	1464	3 B	44	49	5		1	1										ME
310	1465	3 B	67	20	9			2										ME
310	1466	2 B	69	14	12			3										M
310	1467	17 B	74	5	3		5	3	1				1			9		M
310	1468	2 B	75	15	1		2	2	2									M
310	1469	2 B	71	18			3	3	5									M

CARBONATE FRACTION COMPOSITION, IN PERCENT OR: P=>80%, A=65-80%, C=5-25%, R=<5%

CODE #	STATION #		CACO3 MIC	MLSK		ECH	BNTH F	PLKT F	SERP BRYZ	SERP BRNCL	COR ALG	CORAL HLMD	CORAL PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	UKNWN MISC.	ASSEMBLAGE CODE
310	1470		4 B	44	38	11		2	2										ME
310	1471		2 B	100															M
310	1472		2 B	86	4			1	4	2									M
310	1473		2 B	64	12			14	6										M
310	1474		17 B	76	7	2		5	2	1			1		6				M
310	1475		19 P	58	6	3		7		2	1		2		18				M
310	1476		5 B	85	1					14									M
310	1477		11 B	73	20	2		1		2							2		M
310	1478		19 B	88	1			4	1	6									M
310	1479		12 B	79	3			3	3	10	2								M
310	1480		10 B	79	9	3		1		1	2				5				M
310	1481		37 B	64	2	1		16		6	5				5				M
310	1482		25 B	78	6			1	1	4	1	1			8				M
310	1483		10 B	82	5	2		3	3	5					3				M
310	1484		33 B	75	1			5	1	5	2				7				M
310	1485		18 B	65	5	2		1	3	2	2		7		11				M
310	1486	A	12 B		F	C	C						C						M
310	1486	B	8 B		F	C	C						C						M
310	1487		17 B	76		5		1	3	11	1				5				M
310	1488	A	7 B		F	C	C			R									M
310	1488	B	4 B		F	C													M
310	1489		6 B	76	6	2			2	10					4				M
310	1490		13 B	77	5			2	1	7	2				6				M
310	1491		8 B	80	11				-1	8					-1				M
310	1492		5 B		F														M
310	1493		2 B		F														M
310	1494		2 B		F														M
310	1495		10 B		F	C			C		C					C			M
310	1496		3 B		F	C	C												M
310	1497		5 B	72	8				1	13					5				M
310	1498		7 B	70	16				8	2					4				M
310	1499		6 B	54	28	2			12	2								1	ME
310	1500		11 B	39	11				1	5					44				REW
310	1501		18 B	40	12	30		8	1	2					7				BFM
310	1502		25 B	65	4	7		3	4	12					5				M
310	1503	A	6 B	54	29	2			2	8					5				ME
310	1503	B	11 B																ME
310	1504		13 B	78	2	2			4	4					9			1	M
310	1505		22 B	77	2			8		4					5	4			M
310	1506		37 B	88	-1				2	7					3	-1			M
310	1507		25 B	75	10				2	10					3			1	M
310	1508	A	12 B		F					C						C			M
310	1508	B	9 B		F					C						C			M
310	1509	A	4 B		F					C									M
310	1509	B	5 B		F					C							1		M
310	1510		48 B	63	6	1		3	3	21	2								BM
310	1511		39 B	52	3	3		3	3	27					10				BM
310	1512		37 B	58		-1		4	6	13					16	2			M
310	1513		11 B	75	5				3	8					9				M
310	1514	A	18 B		F	C					C								BM
310	1514	B	6 B		F	C					C								BM
310	1515		8 B		F														M
310	1516		7 B		F														M
310	1517		9 B	79	7				3	5					6				M
310	1518		11 B		F											C			M
310	1519		6 B		F	C													M
310	1520		7 B		F	C										C			M
310	1521		32 B	60	10	2		1	2	18					7				M
310	1522		49 B	50	-1	5		1	1	20	2		2	8	14				BM
310	1523		69 B	40	19			-1	11	12				23	1	1			M
310	1524		71 P	25		5		-1		10	5		4	10	30	8			BP
310	1525		52 B	55	1				5	17	2				8	14		1	M
310	1526		26 B	60	8	5			10	10						7			M
310	1527		62 B	45	3	2			5	30						13			BM
310	1528		69 B	34	1				2	33				7	8	7		4	BP-BM
310	1529		69 B	32	3	7		2	-1	20				4	18	-1			BM
310	1530		63 B		A	-1			-1	C		-1	-1	C					M-BP
310	1531		55 P	37		9				6		2	6	37					BP
310	1532		82 P	10			7			17	5		15	38	5				BP
310	1533		88 P	28	1		2	2	1	20	4	2	2	2	25	5	6		CR-BP
310	1534		94 B	21	1			4		3	2	1		1	56				BP
310	1535		90 B	30	4			1	7	38					3	6		9	BM
310	1536		45 P	47	2		7		2	9				9	11	3			M-BP
310	1537	A	10 B	39	19				3	5				14	5	15			M
310	1537	B	11 B		F	C				C	C			C	C	C			M
310	1538	A	8 B		C											C			BTC
310	1539		90 P	56				1		28	4		3	3	3			2	BM
310	1540		87 P	41				2	1	25		2	2	9	8	3			BM-BP
310	1541		85 B											C	C				PF-BP
310	1542		86 P	15			40							10	30				PF-BP
310	1543		83	42	3	3		1		13	5		1	24	1	8	2		BM-BP
310	1544		87 P	44	1			4	3	34	-1			2	1	10			BM
310	1545		77 P	50	-1			3	-1	32	-1			6		5	3		BM
310	1546		75 B								C				C				BM-BP
310	1547		75 P	40	1	4		2	-1	10	1		9	18			19		M
310	1548		85 P	49	1			1	-1	24	-1			6		5	12		BM-BP
310	1549		92 P	35	1	1			-1	54	1					4	5		BM
310	1550		87 B	41	2			1	1	50		-1					2		BM
310	1551		52 P	39		16					4			14	16	10			BP-M
310	1552		21 B																M

CARBONATE FRACTION COMPOSITION, IN PERCENT OR: F=>50%, A=25-50%, C=5-25%, R=<5%

CODE #	STATION #		CACO3 MIC		MLSK	ECH	BNTH F	PLKT F	BRYZ	SERP	BRNCL	COR ALG	CORAL HLMD		PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	1553		56	P	24	5	6		1		9	24		6	7	1	11	6			BC-M
310	1554		93	P	13	2	9		1		1	25	18	12	4	3	10	1			CR
310	1555		80	P	16	3	6					21	9	26	1		2	16			CR
310	1556		95	B	27	1				4	2	28	12	19			3	3			CR
310	1557		98	P	19	3	18				1	16	13	18	4		8				CR
310	1558		96	P	21	8	14		3	5		15	11	13	3		6				CR
310	1559		94	P	9	4	7		2	1		27	33	12		-1	4				CR
310	1560		86	B																	PF-BP
310	1561		98	B																	PFP
310	1562		98	B		5		90							5					5	PF
310	1563		89	B				90													PF
310	1564		93	P	23	5	16	4	2		8	19	2	7			13	5			CR-PF
310	1565		98	B																	CR
310	1566		99	P	14	4	9	5	5		4	22	13	10		8	3				CR
310	1567		99	B	5	5		85						5							PF
310	1568		99	B	18	3	25					14	3	6	8	10	6		6		CR
310	1569		99	P	40	1	16		3		1	15	-1	7	3	3	5	3			M-MX
310	1570		99	P	25	2	17			-1		9		8	15	14	5	3			BP
310	1571		99	P	18	3	10	5	1		2	17		12	6	12	11	2			CR-PF
310	1572		99	P	23	2	21					16	1	10	5	12	8	1			CR
310	1573		99	P	14	2	13		2		2	15		6	2	33	9				CR-BP
310	1574		99	B																	CR-BP
310	1575		99	P	12	-1	14		-1	-1	-1	5		4	10	47	1		5		BP
310	1576			P				F								R					PF
310	1578			P				F								R					PF
310	1581		94	B																	PF
310	1583	B	95	P				F										C			PF
310	1584		92	B				F									R				PF
310	1585		95	B				F													PF
310	1586		96	B				F													PF
310	1587		95	P		C		F								C					PF-CR
310	1588		95	P				F									C				PF
310	1589			B				F													PF
310	1590		91	B				F													PF
310	1591		92	B		R		F										C			PF
310	1592		97	B				F													PF
310	1593		91	B				85												15	PFP
310	1594		90	B				75												25	PFP
310	1595		98	B				F													PF
310	1596		89	B				F													PF
310	1597	A	98	B				85												10	PF
310	1598		98	B																	PF
310	1599		98	B																2	PF
310	1600		98	B				65						30						2	PFC
310	1601		97	B				65	2					30							PFC
310	1602		99	B				F													PF
310	1603		99	B				F													PF
310	1604		99	B				F													PF
310	1605		71	B				F													PF
310	1606		94	B				F													PF
310	1607		88	B				F													PF
310	1608		98	B				F								R					PF
310	1609		95	B				F								R					PF
310	1610		84	B				F													PF
310	1611		48	B				F										C			PF
310	1612		53	P	16	2	3	20				1		3	20	22	10	1			PF
310	1613		85	B				F													PF
310	1614		80	B				F													PF
310	1615		88	B				F												C	PF
310	1616		89	B				F													PF
310	1617	A	93	B				F												30	PF
310	1618		77	P	9	1		48		2	1	3			14	16	8				PF-BP
310	1619		57	B				F													PF
310	1620		88	P	26	1	8		-1		1	7		-1	14	37	4				BP
310	1621		91	P	16		5				3	2		-1	17	54	1				BP
310	1622		74	B				F								R	R				PF
310	1623		65	B				F								C	C				PF
310	1624	A	63	P	17	2		33				2			17	22	7				BP-PF
310	1624	B	63	P																	PF-BP
310	1625		40	B		C	C	F			C					C					PF
310	1626		59	B				F													PF
310	1627		65	B				F													PF
310	1628		92	B				F													PF
310	1629		95	B				F													PF
310	1630		93	B				85						5						10	PF
310	1631		72	B				F									R				PF
310	1632		92	B				F													PF
310	1633		75	B				F													PF
310	1634		82	B				F													PF
310	1635		89	B				F													PF
310	1636		90	P	35	1		18	-1			1	1		1	14	21	5		1	BP-M
310	1637		79	B				80									20				PF-BP
310	1638		90	B				F													PF
310	1639		90	B				F													PF
310	1641		99	B				F		C											PFC
310	1642		99	B				F										C			PFC
310	1643		95	B				F						C							PF
310	1644		96	B				F		A				R							PF
310	1645		97	B				F					A								PFC
310	1646			B				F		A				A							PFC

CARBONATE FRACTION COMPOSITION, IN PERCENT ORI F=>50%, A=25-50%, C=5-25%, R=<5%

CODE #	STATION #	CACO3	MLSK MIC	MLSK ECH	BNTH F	PLKT F	SERP BRYZ	SERP BRNCL	COR ALG	CORAL HLMD	CORAL PLTD	OOID	ENCR+ ALTD	UKNWN LTH	UKNWN MISC.	ASSEMBLAGE CODE
310	1647	94 B				F					C					PF
310	1648	96 B				F					C					PF
310	1649	98 B				F		R			C				5	PF
310	1650	91 B				F				10				5	10	PFP
310	1653	98 B				F				15						PF
310	1654	91 B				F		C			C					PFC
310	1655	98 B				F		C			C					PFC
310	1656	88 B				F					C					PF
310	1657 A	22 B	C			F					C					PFC-M
310	1658	P	27	12	5	17	4	4	5	5		3	11			PF-BP
310	1659	12 B	28	3			2		4	2			36	10	15	BP
310	1660	8 B	42	4			3		8			1	10	22		M
310	1661	6 B	36	4			4	12	20				8	16		BM
310	1662	6 B	46		2		4	2	2				14	22		M-REW
310	1663	6 B	46	8	2		18	6	6	6				8		M
310	1664	4 B	64	4				1	4					8		M
310	1665	8 B	70	4				8	8	2				8		M
310	1666	6 B														M
310	1667	11 B	90									R				M
310	1668	8 B	55	13			5	10	5	3				3	8	M
310	1669	12 B	51	3			15	4	8	5			2	12		M
310	1670	22 P	76	3			3	2	4	4				8		M
310	1671	8 B	52	4			7	5	10					22		M
310	1672	5 B	50	11	2		6	9	8	4				4		M
310	1673	46 B														BTC-M
310	1674	60 B	74	6			1	5	8	2				2		M
310	1675	6 B														M
310	1676	6 B														M
310	1677	12 B														M
310	1678	7 B														M
310	1679	5 B														M
310	1680	9 B														M
310	1681	13 B	68	3			4	2	8		2			6	2	5 M
310	1682	18 B														M
310	1683	B														M
310	1684	22 P	70										25			M
310	1685	34 P	35		1				11			14	37	1		BP-M
310	1686	41 P	35	-1	20				15		2	5	2	17	2	REW
310	1687	46 B	68	2			2	1	21	1				3		BM
310	1688	54 B	55	3			3	2	27				1	6	2	BM
310	1689	24 B	F						C				R			M
310	1690	53 P	51		5		1		13			5	15	9		M-BP
310	1691	36 P	48	2	5				10			11	11	10		M-BP
310	1692	41 P	23		3		2		8	1		18	33	3	8	BP
310	1693	54 P	23		2		1	2	11			14	35	7	4	4 BP
310	1694	54 P	29	2	3		1		9			15	31	10		BP
310	1695	81 P	23	1	2		2	-1	19	-1		10	32	6	3	2 BP
310	1696	78 P	16	2	8		4	3	12			5	43	5	2	2 BP
310	1697	39 P	19		1		2		8	-1		9	46	11	2	2 BP
310	1698	21 P	17	2	5			1	6			16	43	10		BP
310	1699	23 P	8		2							12	72	6		BP
310	1700	12 B	F										C			M
310	1701	10 B	F										C			M
310	1702	8 B	48	6			6	10	16					10	4	
310	1703	12 B	F													M
310	1704	6 B	F													M
310	1705	4 B	F													M
310	1706	7 B	F													M-REW
310	1707	4 B	F													M
310	1708	6 B	F													M
310	1709	20 B	34	6			7	16	23	-1			4	5	1	BM
310	1710	35 B	42	3	1		5	7	26	1			5	7	1	BM
310	1711	41 P	22	4	9		1		6	7		8	36	4		2 BP
310	1712	57 P	22	2	7		2	-1	11	12		6	28	4		4 BP-BC
310	1713	59 P	32	1	9		2		23	14		2	7	10		BC
310	1714	62 B	37	3			6	3	18	14				6		13 BM-BP
310	1715	87 P	26	2				1	10		4	3	10	7		BC
310	1716	94 P	20	1			8	5	24	22	2	3	13	7	3	BC
310	1717	86 P	22		12		5		8	12	10	3	19	7		CR-BP
310	1718	75 B	R	10	5	80		R								PF
310	1719	65 B	F	C	C				C			R				MX
310	1720	98 P	14	1		5	1	2	4	2	1	2	28	32		BP
310	1721	79 B	R	R	5	70								5		PF
310	1722	75 B		R	R	85										PF
310	1723	85 B		R		85		R								PF
310	1724	88 B				F										PF-BP
310	1725	87 B				F										PF
310	1726	91 B				F										PF
310	1727	91 B				F										PF
310	1728	90 B				F										PF
310	1729	B				F										PF
310	1730	54 B				F										PF
310	1731	96 B				F		C			R					PF
310	1732	97 B		R		F					C					PFC
310	1733	99 B				F					R					PF
310	1734	97 B				F										PF
310	1735	78 B				F										PF-BTC
310	1736	60 B				F										PF
310	1737	70 B				F										BTC-PF
310	1738	66 B				F					F			C		PF

CARBONATE FRACTION COMPOSITION, IN PERCENT BRI F>50%, A=25-50%, C=5-25%, R<5%

CODE #	STATION #	CACO3 MIC		MLSK ECH	BNTH F	PLKT F	BRYZ	SERP	BRNCL	COR ALG	HLMD	CORAL	PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	1739	98	B			F		A											PFP
310	1740	100	B			F													PF
310	1741	98	B			F													PF
310	1742	99	B			F		10				5							PF
310	1743	99	B					C					F						PFC
310	1744	98	B					C					F						PFC
310	1745	74	B			F							C						PF-BTC
310	1746	29	B			F													PF
310	1747	29	B			F													PF
310	1748	97	B	C	C			C					F						PFC
310	1749	93	B			F							C						PFC
310	1750	45	B	44	14	8		6										26	PF-MX
310	1751	9	B	37	14	7	2	10	15					2	13				M
310	1752	70	B			70						25							PFC
310	1753		B		10	80													PF
310	1754	6	B	58	2	8	2	2	14					1	14				M
310	1755	6	B	F															M
310	1756	69	B													F			REW
310	1757	9	B	F															M
310	1758	7	B	40			18	6	16	8					12				M
310	1759	7	B																M
310	1760	15	B																M-BP
310	1761	19	B	28	4		4	14	24	12					14				BC
310	1762	68	B	67	7		4	3	4			6		9					PF-BC
310	1763	86	B			F													PF
310	1764	98	B			F		C					R						PF
310	1765	99	B									90							PFC
310	1766	95	B			F						2							PF
310	1767	93	B			F													PFC
310	1768	91	B			F													PFC
310	1769		B			F						15							PF
310	1770	95	B			F						15							PF
310	1771	70	B		10	F		C											PF
310	1772	80	B			F							C						PF
310	1773	53	B			F													PF-BTC
310	1774	41	B	27	4		21		5	27		4			8	4			BC
310	1775	22	B	49	10	3	3	11	12	5				2	4	1			M
310	1776	11	B	58	12	3	8	-1	2	6					12				M
310	1777	7	B																M
310	1778	10	B																M
310	1779	10	B	56	6		6	4	4	16				2	4	2			M
310	1780	8	B																M
310	1781	18	B																M
310	1782	61	P	21	4	16	2	-1	16	15		2	2		17	1			BC
310	1783	67	B	18	11	5	65	1	2						6				PF
310	1784	62	B	9	3		88												PF
310	1785	71	P	16	4		21	1		4					48	2			REW
310	1786	66	P	17	3	7		5	-1	20	13		1	1	5	17	1		BC
310	1787	19	P	28	6	1		4	1	1	18		1	18	1	10			M-BP
310	1788	8	B	76	4	6		1	2		2			6				2	M
310	1789	13	P	25	1	1		7	1	3	20			8	22	6			BP
310	1790	13	B	53	16	10		1	3	1				10		6			M
310	1791	12	B	55	17	10		2	11										M
310	1792	3	B	78	1	3		4	1	9	2					2			M
310	1793	12	B	32	2	2		2	-1	-1				12	35		13		BP
310	1794	47	P	11	2	8				54	22					1			BC
310	1795	38	B	3	4		92												PF
310	1796	29	P	17	1		73									11			PF
310	1798	50	B	-1	1		96									3			PF
310	1800	37	B	-1	2		96												PF
310	1801	35	B	-1	6		93												PF
310	1802	11	B	45	10	4								4	8	23			M-MX
310	1803	40	P	36	2	2		8	1	12	3			7	18	12			BP
310	1804	21	P	41	3	5		4	-1	5	6			2	14	11			M
310	1805	42	P	53	5	-1		1		7	20			1	1	7	-1		BC
310	1806	39	P	24	1	1		5		9	5			8	32	6	7		PB
310	1807	31	P	27	2	4		5		25	8		1	6	3	14	1		BC
310	1808	24	B		-1		95										5		PF
310	1809	79	B	-1	-1		95												PF
310	1810	65	B	-1	-1		95												PF
310	1811	66	B	-1		99													PF
310	1812	28	B	2	4		93												PF
310	1813	32	P	36	3	2		2		11	9		-1	17	9	8	2		PB-BC
310	1814	31	P	40	4	8		5	-1	10	4	1		3	3	16			M
310	1815	42	P	31	3	6		3	-1	17	2	-1		2	-1	24	4		REW
310	1816	42	P	41	6	10		1	-1	7	4	-1		5	4	15	1		M
310	1817	17	P	25	4	1		4	-1	2	12	-1		20	21	12			BP
310	1818	35	P	35	3	3		4	1	5	15		1	3	9	16	1		M
310	1819	42	P	31	2	17				7	6		1	3	10	14		7	M
310	1820	78	P	19	5	5		-1	-1	35	6	1	1	4	2	11		10	BC
310	1821	58	P	20	1	2		5		3	4		-1	13	29	10	8		BP
310	1822	47	P	22	1	1		10		2	12			14	21	9	6		BP
310	1823	16	P	16	1		68				2					12			PF
310	1824	61	B	-1	1		99												PF-
310	1825	85	B		1		99												PF
310	1826	82	B	-1	-1		100												PF
310	1827	82	B	-1			99												PF
310	1828	87	B	-1	-1		100												PF
310	1829	97	B	1	-1		99												PF
310	1830	100	B				99												PF

CARBONATE FRACTION COMPOSITION IN PERCENT OR: P=>80%, A=65-80%, C=5-25%, R=<5%

CODE #	STATION #	CACO3	MLSK MIC		ECH	BNTH F	PLKT F	BRYZ	BERP	BRNCL	COR ALG	CORAL HLMD		PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	1834	96	B	2	•1		98													PF
310	1835	86	B	•1	•1		99													PF
310	1836	88	B	6	1		92													PF
310	1837	80	B	2			98													PF
310	1839	77	B	3	•1		97													PF
310	1840	81	B	1	•1		99													PF
310	1841	67	B	4	•1		95													PF
310	1842	75	P	14	5	11		9	•1	14	27	•1	•1	1	2	14	1			BC
310	1843	67	P	26	2	5		2	1	5	32	•1		4	3	18	•1			BC
310	1844	83	P	14	4	5	27	2		8	19	•1		•1		16	•1		3	BC
310	1845	38	P	32	4	4				4	18			5	4	17	•1			BC
310	1846	42	P	22	4	6		3		2	13		•1	6	5	26	4			REW
310	1847	74	P	11	1	3		1		3	1			11	56	10	1			BP
310	1848	37	P	45	2	1		6		14	3		•1	5	7	7	5			M
310	1849	31	P	38	3	3		2		7	15			8	10	8	4			BC•BP
310	1850	52	B	39	7		52													PF•M
310	1851	72	B	3	•1		96													PF
310	1852	81	B	14	1		86													PF
310	1853	83	B	5	1		94													PF
310	1854	68	B	10	•1		90													PF
310	1855	74	B	•1			99													PF
310	1856	72	B	5	•1		97													PF
310	1857	40	P	60	3	3		1		15	7			1	•1	4	•1			BC
310	1858	8	B	55	16	19		1	6											MT
310	1859	3	B	74	8	14			4											M
310	1860	78	P	16	3	8		8		37	17			•1	•1	7				BC
310	1861	4	B	61	3	14		5	6	8				2						M
310	1862	47	B	•1	1		99													PF
310	1863	7	B	64	11	3	8	3	1	3	2			3						M
310	1865	12	B	53	10		31	1	1		4						1			M•PF
310	1866	26	P	18	3	12		6		23	21			2	3	4	3			BC
310	1868	9	B	7	8		85													PF
310	1869	6	B	46	27	8	15	1	1											ME
310	1871	1	B	77	6	15			1											M
310	1872	1	B	72	8	20														M
310	1873	2	B	58	13	29				•1										BFM
310	1874	9	B	96	•1			1												M
310	1875	1	B	70		30														BFM
310	1876	1	B	46	29	20													7	ME
310	1877	2	B	47	11	3	30												1	M•PF
310	1878	3	B	86	7	5				2										M
310	1879	1	B	71	10	15					1			4						M
310	1880	2	B	89	2	7		1	2					•1						M
310	1881	7	B	37	42	19														ME
310	1882	3	B	27	10	7	55													PF•M
310	1883	2	B	78	10	11				1										M
310	1884	17	B																	PF
310	1885	7	B	24	7		69													PF•M
310	1886		B	74	4	22														M
310	1887		B	90	5	5														M
310	1888	2	B	83	1	14													1	M
310	1889		B	56	1	13	29													M•PF
310	1890	1	B	54	36	10														ME
310	1891	5	B	46	4		49													PF•M
310	1892	1	B	63	2		35													M•PF
310	1893	3	B	25	8		67													PF
310	1894	4	B	53	3		44													M•PF
310	1895	10	B	68	2		30													M•PF
310	1965	1	B	100		•1														M
310	1966	2	B	100																M
310	1967	4	B	96	2			2												M
310	1968	1	B	78		28			4											BFM
310	1993	2	B	90		10														M
310	1995	1	B	99	•1	•1														M
310	1996	1	B	100																M
310	1997	2	B	90	5	5														M
310	1998	4	B	93	2	5														M
310	1999	4	B	83	1	15														M
310	2001	1	B	84		15														M
310	2027	1	B	41	26	32			1											BFM
310	2028	1	B	19	29	53														BFM
310	2032	•1	B	39	61															ME
310	2034	1	B	86	10					4										M
310	2040	1	B	82	8	7		•1		•1									1	M
310	2041	3	B	69	11	21														M
310	2043	1	B	100																M
310	2045	2	B	80	6	14														M
310	2046	47	B	95	•1	1		•1	•1	3										M
310	2047		B	100																M
310	2049	2	B	16	8	68														BFM
310	2050	2	B	69	12	15				3										M
310	2051	1	B	48	13	35			•1										5	BFM
310	2053	1	B	72	24					3										ME
310	2056	2	B	69	6	25														BFM
310	2057	2	B	49	2	47														BFM
310	2059	1	B	79	10	8			1										3	M
310	2061	1	B	60	30	10														ME
310	2062	1	B	80	10	10														M
310	2063	1	B	80		20														M
310	2064		B	100																M

CARBONATE FRACTION COMPOSITION, IN PERCENT ORI F=>80%, A=80-50%, C=50-25%, R=<5%

CODE #	STATION #		CACO3 MIC		MLSK	ECH	BNTH F	PLKT F	SERP BRYZ	BRNCL	COR ALG	CORAL HLMD	PLTD	OOID	ENCR+ ALTD	LTH	UKNWN MISC.	ASSEMBLAGE CODE
310	2065	A	4	B	97	1	-1								2			M
310	2065	B	3	B	91	5	1						1					M
310	2069		3	B				100										PF
310	2070		14	B	2	1		97										PF
310	2071		23	B				100										PF
310	2075		23	B	-1	-1		100										PF
310	2078		6	B	5	14		80										PF
310	2080		6	B	77	2		18							1		1	M
310	2081		4	B	33	1		66										PF-M
310	2082		11	B	-1	5		95										PF
310	2083		7	B		1		99										PF
310	2084		63	B				100										PF
310	2086		80	B				100										PF
310	2088		55	B		-1		100										PF
310	2089		42	B	-1	1		99										PF
310	2091		2	B		-1		100										PF
310	2095		90	B				100										PF
310	2098		60	B		1		99										PF
310	2100		3	B				100										PF
310	2104		1	B	57	43	-1											ME
310	2105		1	B	60	40												ME
310	2106		1	B	80	15	5											M
310	2107		8	B		-1		100										PF
310	2109	A	21	B				100										PF
310	2110		44	B	-1			100										PF
310	2111		66	B		-1		100										PF
310	2117		55	B				100										PF
310	2235		1	B														
310	2243		2	B	100													M
310	2247			B	99	-1												M
310	2248		38	P	46	11	1		2	8	1				24	3		M
310	2249		4	B	61	30	2		7	-1						-1		ME
310	2250	U	7	B	84	6	1		2	3	1					1		M
310	2251		13	B	75	3	3		3	5	1					8	-1	M
310	2252		11	B	76	18	1		1	2	-1					3		M
310	2253		10	B	84	6	-1		1	2	5							M
310	2254		10	B	91	5	1			1			-1			1		M
310	2256		2	B	74	2	1			22			-1					BM
310	2257		2	B	94	1			-1	5								M
310	2258		2	B	87	8			2	3								M
310	2259		3	B		F												M
310	2260		6	B		F												M
310	2261		5	B		F												M
310	2262		4	B		F												M
310	2263		2	B		F												M
310	2264		16	B	40					1		1				31	14	M
310	2265		12	B	64				3	1	8				3	17		M
310	2266		1	B														BC-BTC
310	2267		17	B														
310	2268		1	B														
310	2269		2	B														
310	2270		-1	B														
310	2271		1	B														
310	2272		1	B														
310	2273		2	B														
310	2274		1	B		R												M
310	2275		-1	B														
310	2276		2	B														
310	2277	A	1	B														
310	2278		-1	B														
310	2279		2	B														M
310	2280		2	B														
310	2281		3	B														M
310	2282		2	B														M
310	2283		11	B														M
310	2284		3	B														M
310	2285		2	B														M
310	2286		3	B														ME
310	2287		2	B														
310	2288		2	B														M
310	2289		3	B														M
310	2290		7	B														M
310	2291		10	B														M
310	2292		4	B														M
310	2293		6	B														M
310	2294		32	B														M
310	2295		2	B														M
310	2296		14	B														M
310	2297		4	B														
310	2298		6	B														
310	2305		11	B	98	2	-1											M
310	2306			B	66	3	1		2	1	5					19		M
310	2307			B	82	4	6		-1	1		1				4		M
310	2308		5	B	86	5	3		-1	3					3			M
310	2309			B	79	15	3											M
310	2310		12	P	63	4	1		-1	2	3	4		1	10	7		M
310	2311		13	P	55	3	3				7	12			4	16		M
310	2312		32	P	60	4	1		4	1	10	1		1	14	1		M
310	2313		8	B	73	5	4		-1	7	-1	1		4	5			M
310	2314		5	B	79	11	1		-1	10	1	-1		1				M

CARBONATE FRACTION COMPOSITION, IN PERCENT OR: F=>80%, A=65-80%, C=5-25%, R=<5%

CODE #	STATION #	CACO3	MLSK MIC		ECH	BNTH F	PLKT F	BRYZ	SERP	BRNCL	COR ALG	HLMD	CORAL	PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	2315	4	B	69	13	5		-1	9					1						M
310	2316	28	P	81				1		9				1	1	5	1			M
310	2317	41	P	82	1	-1				11	-1			-1	-1	4				M
310	2318	37	B	91	1	-1		-1		7	-1			-1		-1				M
310	2319	7	B	76	13	1			3	6										M
310	2320	8	B	91	3	1				4										M
310	2321	2	B	73	12	7			5											M
310	2322	2	B	82	6	8		1	3											M
310	2323	2	B	84	8	5			3											M
310	2324	2	B	75	20	5														ME
310	2325	8	B	95	-1					2										M
310	2326	7	B	98						1							1			M
310	2327	1	B	100																M
310	2328	2	B	60	19	19														M
310	2329	6	B	100																M
310	2330	1	B	100																M
310	2331	1	B	100																M
310	2332	2	B	54	12	33														BFM
310	2333	2	B	100		-1														M
310	2337	46	P	3	-1		80	-1		-1			10			23	1			PF
310	2339	28	P	3	2		88	1		-1			4	-1		1	-1			PF
310	2340	47	B				F													PF
310	2341	98	B				F													PF
310	2342	96	B				F													PF
310	2343	96	B				F		C										15	PF
310	2344	97	B				F						10							PF
310	2345	98	B				F													PF
310	2346	99	B				F													PF
310	2347	99	B				F													PF
310	2348	99	B				F												10	PF
310	2349	95	B				F													PF
310	2350	99	B				F													PF
310	2351	99	B				F												5	PF
310	2352	97	B				F													PF
310	2353	99	B				F													PFP
310	2354	99	B				F													PFP
310	2356	98	B				F													PF
310	2357	99	B				F												10	PF
310	2358	96	B				F													PF
310	2359	97	B				F													PFP
310	2360	99	B																	PF
310	2361	99	B																	PFC
310	2362	98	B																	PF
310	2363	99	B																	PF
310	2364	98	B																	PF
310	2365	98	B																5	PF
310	2366	98	B																	PF
310	2367	96	B																5	PF
310	2368	97	B																	PF
310	2369	99	B																7	PF
310	2370	99	B																	PF
310	2371	98	B																	PF
310	2372	97	B																	PF
310	2373	99	B										C							PF
310	2374	97	B										C							PF
310	2375	98	B																	PFP
310	2376	99	B		C														15	PF
310	2377	97	B																10	PF
310	2378	98	B																	PF
310	2379	98	B																	PFC
310	2380	98	B																	PFC
310	2381	95	B					F						C						PF
310	2382	95	B											C						PFC
310	2383	98	B											C						PFC
310	2384	87	B																	PF
310	2385	99	B																	PF
310	2389	99	B											C						PFC
310	2392	100	B											C						PFC
310	2393	98	B					F	C					A				C		PFC
310	2394	97	B					F		C				C						PFC
310	2395	99	B					F						C						PFC
310	2396	98	B																	PF
310	2397	85	B																	PFC-BTC
310	2400	11	B		F															M
310	2401	11	B		F															M
310	2402	23	B	88	4					4						3	1			M
310	2403	23	B		F															M
310	2404	25	B	79	-1			2		10						7	2			M
310	2405	16	B																	M
310	2406	10	B																	M
310	2407	15	B		F											R				M
310	2408	12	B																	M
310	2409	35	B	69				13	1	5	1		1			1				M-BTC
310	2410	30	B	68	6			12	-1	2	4					4	4			M-BTC
310	2411	43	B																	M-BC
310	2412	57	P	29	2	12		4	2	20	11	-1		4	11	8				BC
310	2413	92	B																	PF
310	2414	96	B										C							PFC
310	2415	75	B																	PF-BP
310	2416	48	P	8	1	3		8		4	10			6	52	6			2	BP

CARBONATE FRACTION COMPOSITION, IN PERCENT OR: F=>50%, A=25-50%, C=5-25%, R=<5%

CODE #	STATION #	CACO3	MUD	MLSK	ECH	BNTH F	PLKT F	BRYZ	SERP	BRNCL	COR ALG	CORAL HLMD	PLTD	OOID	ENCR+ ALTD	LTH	UKNWN	MISC.	ASSEMBLAGE CODE
310	2417	53	P	15	-1	1		2		6	1		12	53	6			2	BP
310	2418	27	P												C F				REW
310	2419	27	B																PF
310	2420	20	B																REW
310	2421	38	P							A					C F				REW
310	2422	11	B																REW
310	2423	12	B																REW
310	2424	11	P												F				REW
310	2425	11	B																REW
310	2426	52	B	75	3			1	4	12		2			2	2			BM
310	2427	31	P	39	4	1		10		18					8			20	BTC
310	2428	22	B																REW-M
310	2429	12	B																M
310	2430	57	B																PF-BP
310	2431	69	P	23	2	23	20		-1		2	1	14	9	5				MX
310	2432	70	P	16	4	30	14	4	-1		1	3	12	8	8				MX
310	2433	59	P	26	2	13	13	-1	-1				9	27	2	5			BP-PF
310	2434	93	P	16			24		-1	3	12	9	1	6	24	5			BP-PF
310	2435	62	P	10	3		42	1	-1		5			7	19	13			PF-BP
310	2436	97	B	17	2			11	1		56	2	4					6	CR
310	2437	95	B																PF
310	2438	50	B																BTC
310	2439	98	B					F					C						PF
310	2440	95	B					F					C	R					PF
310	2441	98	B					F		R			C						PF
310	2442	96	B																PF
310	2443	96	B																PF
310	2444	97	B																PF
310	2445	99	B																PF
310	2446	95	B																PF-MX
310	2447	99	B																PF-MX
310	2448	98	P				C	F		C									PF
310	2449	91	B																PF
310	2450	93	B																PF
310	2451	91	B										A						PFC
310	2452	99	B																PF
310	2453	97	B																PF-MX
310	2454	97	B			C	C	F											PF
310	2455	97	B																PF
310	2456	95	B																PFP
310	2457	95	B																PF
310	2458	95	B														C		PF
310	2459	97	B																PF
310	2460	96	B																PFC
310	2461	93	B										C						PF
310	2462	95	B																PF
310	2464	97	B																PFC
310	2465	98	B										C						PFC
310	2466	99	B										A						PFC
310	2467	98	B										A						PF
310	2468	97	B																PF
310	2469	94	B																PFC
310	2470	98	B										A						PFC
310	2471		B										A						PFC
310	2472	97	B										C						PFP
310	2473	98	B																PFC
310	2474 A	94	B										F						PFC
310	2474 B	94	B										F						PFC
310	2475	97	B										F						PFC
310	2476	97	B										C						PFC
310	2478												A						PFC
310	2479	98	B										A						

Code Line 320 Sand fraction 125-250 mm, non-carbonate fraction (New Jersey to Key West)

This line gives the composition of the non-carbonate part of the 125-250 mm sand fraction. The amounts of each type of material in percent were determined by point counts under the binocular microscope. Feldspar type was determined by staining using the Hayes and Klugman (1959) method.

Acknowledgements

The non-carbonate fraction analyses were made by John D. Milliman.

Explanation of headings

CODE #	320 denotes 125-250 mm, non-carbonate fraction composition.
STATION #	As described under code line 100 above.

The following components are given in percent (by pt. count)

QUARTZ	Quartz
K FLDSP	Potassium feldspar
PLAG. FLDSP	Plagioclase feldspar
MICA	Mica
HVY MNRLS	Heavy minerals
PHSPHT	Phosphorite
GLAUC	Glauconite
DIATOMS	Diatoms
SPCLS	Spicules
RDLRNS	Radiolarians
WOOD & PLNT FIB	Wood and plant fibers
OTHER	Other materials

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
320	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Quartz	22-24	I	3
	K-feldspar	27-29	I	3
	Plagioclase feldspar	32-34	I	3
	Mica	37-39	I	3
	Heavy minerals	42-44	I	3
	Phosphate	47-49	I	3
	Glauconite	52-54	I	3
	Diatoms	57-59	I	3
	Spicules	62-64	I	3
	Radiolarians	67-69	I	3
	Wood and plant fibers	72-74	I	3
	Other	77-79	I	3

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #	QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	GLAUC	DIATOMS	SPCLS	RDLRNS	PLNT FIB	WOOD+	OTHER
320	L010	97	1	1										
320	L015	98	1	-1										
320	L019	98	1	-1										
320	L022	95	2	2										
320	L027	85	7	7										
320	L030	97	1	1										
320	L035	94	3	2										
320	L039	98	1	-1										
320	L043	95	4	1										
320	L046	93	4	2										
320	L049	88	8	3										
320	L052	80	10	9										
320	L055	97	2	1										
320	L060	89	7	3										
320	L062	95	4	-1										
320	L064	94	4	1										
320	L066	96	3	1										
320	L067	89	5	5										
320	L069	94	3	3										
320	L071	87	8	4										
320	L074	89	6	4										
320	L077	86	8	5										
320	L080	92	5	2										
320	L082	91	5	3										
320	L084	71	15	14										
320	L086	86	7	6										
320	L088	91	5	3										
320	L090	77	12	10										
320	L094	76	14	11										
320	L097	95	2	3										

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #	QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHOSPHT	GLAUC	DIATOMS	SPCLS	RDLRNS	WOOD+ PLNT FIB	OTHER
320	1313	79	11	5		2	-1						1
320	1314	54	20	12				5					
320	1315	76	11	10		1		1					
320	1316	84	4	10		-1							1
320	1317	83	10	4		-1		2					-1
320	1318	80	11	6		3							1
320	1319	74	14	3		8							1
320	1320	70	17	8		4		5					1
320	1337	78	12	7		2		2					1
320	1339	70	10	11		4							1
320	1340	81	13	4		-1		5					2
320	1341	69	12	11		1	1						1
320	1342	90	4	4		1	-1						
320	1343	79	9	10		-1		1					1
320	1344	80	9	9		1							2
320	1345	86	6	4		2							2
320	1347	77	11	8		2		1					
320	1348	78	11	9		-1	-1						-1
320	1349	80	8	9	-1	1							2
320	1350	71	17	9		2	-1						
320	1351	73	12	11		3							
320	1352	74	11	12		2							1
320	1353	75	15	6		2	1						
320	1354	69	13	7		2		8					
320	1355	75	13	8		1		1					-1
320	1356	85	6	6		2							-1
320	1357	71	11	13		2	1						1
320	1358	70	17	7		2		3					
320	1359	75	13	8		1							2
320	1360	78	10	6		3	1						1
320	1361	77	11	10		2	3						
320	1362	75	13	9	1	1							1
320	1363	80	10	5		2							2
320	1365	77	14	7		2							1
320	1366	81	11	6		1							2
320	1369	82	8	7		1		1					
320	1377	77	16	5		1							2
320	1415	67	22	10		1							
320	1416	73	10	15		-1	1						
320	1418	80	10	3		4							4
320	1419	72	13	11		1		2					
320	1420	79	8	-1		9							4
320	1421	84	8	4									3
320	1422	85	7	2		1							4
320	1423	69	19	10		-1		1					
320	1424	81	10	1		5							3
320	1425	92	3	4		-1							
320	1426	84	8	1		2							5
320	1427	91	5	3		-1	-1						
320	1428	82	10	5		-1		2					
320	1429	76	8	7		3		2					
320	1430	78	10	8		1							2
320	1431	77	13	9		1							-1
320	1433	83	9	1	-1	4							3
320	1434	84	11	2		2	-1						
320	1435	90	7	2				-1					
320	1436	80	17	1			-1						
320	1437	91	3	4			-1						
320	1438	86	7	5			1						
320	1439	93	3	3		1							1
320	1440	94	4	1		1							
320	1441	90	2	7			-1						
320	1442	93	6	1	-1	-1							
320	1443	92	5	2		1							
320	1444	95	3	1		-1							
320	1445	82	6	5			5						
320	1446	93	4	2			-1						
320	1447	91	4	3									
320	1449	94	3	2				1					
320	1450	96	3	1	-1	-1							
320	1451	93	2	1			2	2					
320	1452	93	3	1		1	-1						
320	1453	96	3	-1									-1
320	1454	93	3	1		2							-1
320	1455	89	7	2		-1							
320	1456	94	5	-1		-1	-1						
320	1457	92	3	1		1	2						
320	1458	82	5	5		3	3	2					1
320	1459	95	1	-1									4
320	1460	94	4	-1		-1	-1						
320	1462	95	3	1		1							-1
320	1464	94	5	-1	-1	1							1
320	1465	79	5	7		2		6					
320	1466	95	2	2		-1							
320	1467	94	6	-1									
320	1468	85	5	5		-1	1	2					
320	1469	84	8	6		1							
320	1470	88	7	3		2							-1
320	1471	92	4	3									
320	1472	90	7	1		2							-1

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #		QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	DIATOMS GLAUC	SPCLS	RDLRNS PLNT FIB	WOOD+	OTHER
320	1473		84	8	6			1					
320	1474		92	7	1		1						
320	1475		86	6	3		1	2					
320	1476												
320	1477		92	5	2		-1						
320	1478		90	4	3		2						
320	1479		88	6	5				1				
320	1480		85	6	5		1		2				
320	1481		83	6	7		2		-1				
320	1482		91	2	5		1						
320	1483		86	5	8	-1	-1						
320	1484		90	4	4		1		-1				
320	1485		94	4	2								
320	1486	A	84	7	8				-1				
320	1486	B	85	8	5		1		-1				
320	1487		88	5	5		1		-1				
320	1488	A	87	2	6		4		-1				
320	1488	B	84	7	6		1						
320	1489		88	6	4		1						
320	1490		89	5	5		-1						
320	1491		92	3	3		-1						
320	1492		91	3	3	-1	2						
320	1493		93	3	1		1		1				
320	1494		89	6	2		1						
320	1495		89	6	4		-1						
320	1496		89	8	2		-1						
320	1497		92	3	5								
320	1498		92	3	3		-1						
320	1499		88	7	4		-1						
320	1500		94	3	3		-1						
320	1501		94	2	3								
320	1502		91	5	4								
320	1503		92	5	2		-1						
320	1504		89	7	3		1						
320	1506		91	4	4								
320	1507		92	5	2		-1						
320	1508	A	91	3	4		2						
320	1508	B	88	6	4		-1		-1				
320	1509	A	89	4	6		-1						
320	1509	B	92	2	5		-1						
320	1510		93	2	4		-1						
320	1511		92	4	2		1						
320	1512		94	1	3		1						
320	1513		95	1	3								
320	1514	A	88	5	6		-1						
320	1514	B	84	7	8								
320	1515		84	6	9								
320	1516		91	3	3		-1		-1				
320	1517		89	5	5								
320	1518		91	2	4		2						
320	1519		88	4	6		1						
320	1520		87	6	6	-1							
320	1521		92	2	5		-1						
320	1522		97	-1	2								
320	1523		87	6	5								
320	1524		88	-1	2		1	5	10				
320	1525		95	1	2			1					
320	1526		91	3	5				-1				
320	1527		95	1	2			-1	15				
320	1528		91	3	2		-1	1	1				
320	1529		89	6	4				2				
320	1530		95	2	-1		-1	-1	3				
320	1531		90	1	2		1		5				
320	1532		93	1	3			2	10				
320	1533		84	9	5				5				
320	1534		83	7	8		1		5				
320	1535		91	4	4		-1		3				
320	1536		92	2	5		-1						
320	1537	A	89	4	6								
320	1537	B	91	3	5		-1						
320	1540		91	3	5				1				
320	1541		80	10	5	1	1		15				
320	1542		70	12	6	5			20				
320	1543		94	-1	5								
320	1544		97	-1	2		1						
320	1545		89	1	1	1	4		60				
320	1546		92	1	2	1	2						
320	1547		94	2	3								
320	1548		97	1	1		-1						
320	1549		97	1	-1	-1	-1		-1				
320	1550		84	10	5				5				
320	1551		95	1	3				-1				
320	1552		96	1	2								
320	1553		94	3	2								
320	1554		95	3	1	-1							
320	1555		89	6	3		-1						
320	1559		98	1	-1								
320	1560		85	4	3				7				
320	1563		17						79		3		
320	1584		1						97		2		

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #		QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	DIATOMS	GLAUC	SPCLS	RDLRNS	WOOD+ PLNT FIB	OTHER
320	1590									2	93		5	
320	1591		2							86	7		5	
320	1593		•1							90	10			
320	1594		14							78	8			
320	1596									98	1		1	
320	1605		21							78			•1	
320	1606		52	4	2					37			4	
320	1607		41	2	1					51	2		2	
320	1610		65	3	•1	•1				23			3	
320	1611		86	2	2					9				
320	1612		95	2	1					1				
320	1613		76	3	7					12	•1			
320	1614		82	7	9					1				
320	1615		86	6	7									
320	1616		87	5	7									
320	1617	A	84	5	9		•1	•1						
320	1618		81	9	9									
320	1619		80	11	7									
320	1620		82	6	10		•1	1						
320	1621		82	9	7		•1							
320	1622		70	19	8	•1		3			1			
320	1624		88	5	6	•1								
320	1625		80	9	9	1	1							
320	1626		69	15	12	•1	1	1						
320	1630		85	8	5		2							
320	1631		85	6	7		•1							
320	1632		51	15	10					8	14			
320	1633		48	18	8	2	1	2	15		4			
320	1635		65	16	8	2	2		1		4		2	
320	1636		57	12	9	1	•1		19					
320	1637		72	16	6				3					
320	1638		42	7	16	9			25					
320	1639		41	8	9	11			31					
320	1647		46	12	8	•1	•1		2		27		4	
320	1656		34	5	2				57		•1		•1	
320	1657		12	1	•1				86					
320	1658		93	3	1		1		1					
320	1659		90	5	3				1					
320	1660		88	5	5		1		1					
320	1661		90	4	4		•1							
320	1662		86	4	5		1		2					
320	1663		92	4	2		•1		1					
320	1664		89	4	5		1		•1					
320	1665		89	4	5		1		•1					
320	1666		91	4	4				•1					
320	1667		92	2	2		3		1					
320	1668		89	5	2		4							
320	1669		90	4	3		2							
320	1670		92	3	2		2							
320	1671		87	5	4		3							
320	1672		87	6	3		3							
320	1673		88	6	4		1							
320	1674		87	8	4		•1							
320	1675		91	2	4		2							
320	1676		91	4	2		2							
320	1677		90	3	2		4							
320	1678		95	3	1		•1							
320	1679		92	3	2		2	•1						
320	1680		92	5	2		•1							
320	1681		95	3	•1		1							
320	1682		96	2	•1		1							
320	1683		89	4	4		1							
320	1684		94	3	2		1							
320	1685		92	1	3		3							
320	1686		94	1	•1		3							
320	1687		94	2	3		•1							
320	1688		96	1	2		•1							
320	1689		94	1	4		•1							
320	1690		94	1	2		2							
320	1691		93	3	1		2							
320	1692		91	2	1		2	2	1					
320	1693		97	1	•1		1							
320	1694		91	4	1		3							
320	1695		86	5	3		2	•1	2					
320	1696		86	5	2		2	3	1					
320	1697		91	4	2		•1							
320	1698		91	5	3		•1							
320	1699		89	4	4		2		•1					
320	1700		90	3	3		2	•1	•1					
320	1701		90	3	5		1							
320	1702		93	3	1		2							
320	1703		90	5	3		1							
320	1704		87	3	5		4							
320	1705		89	5	3		2							
320	1706		90	3	4		2							
320	1707		93	3	1		2							
320	1708		91	4	3		1							
320	1709		95	3	1		•1							
320	1710		95	2	2		•1							
320	1711		89	4	4		2	•1	•1					

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #	QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	GLAUC	DIATOMS	SPCLS	RDLRNS	WOOD+ PLNT FIB	OTHER
320	1712	85	5	3		6							
320	1713	93	3	2		1	-1						
320	1714	95	2	2		-1							
320	1715	91	3	3		1	1	5					
320	1716							60					
320	1717	92	5	1	-1	-1	-1	10					
320	1718	86	11	2									
320	1719	89	7	2		1	-1						
320	1720							95					
320	1721	70	15	10	5	2							
320	1722	70	19	6	5	-1	1	-1		2			
320	1723	72	15	5	2			2		3		1	
320	1724	79	9	11		-1							
320	1725	64	18	11	1	-1	1			2		-1	
320	1726	59	17	14				6		2		-1	
320	1727	56	6	11	1	-1		24				-1	
320	1728	55	11	8		-1		25		-1			
320	1729							83					
320	1730							85					
320	1735	63	6	7		-1		23					
320	1736							80					
320	1737	28	3	2				66					
320	1738	5	-1	-1				94					
320	1745	11	1	1				87					
320	1746	5	-1	-1				94					
320	1747	19	3	2				76					
320	1750	83	6	7				3					
320	1751	91	4	4		-1							
320	1752							63					
320	1753	72	5	8	2			11		-1			
320	1754	88	5	5		-1		1					
320	1755	90	4	3		2		-1					
320	1756	82	8	6		1		2					
320	1757	84	7	5		2		-1					
320	1758	84	6	5		3		1					
320	1759	90	6	2		1		-1					
320	1760	82	6	5		2		3					
320	1761	85	6	6		1		1					
320	1762	77	7	6				9					
320	1763	74	5	13	1			6					
320	1771	67	14	7	1			8		-1			
320	1772	43	6	4				46			-1		
320	1773	45	3	1				49					
320	1774	78	5	3				20			-1		
320	1775	84	8	6				1					
320	1776	85	6	1		7		-1					
320	1778	82	4	4		6		3					
320	1779	90	5	2		2							
320	1780	86	5	2		3		2					
320	1781	82	10	3		3		1					
320	1782	84	10	2		3		-1					
320	1783	87	7	2	1	3		1					
320	1784	27						73					
320	1785							95		5			
320	1786	52	4	2		1		39					
320	1787	92	4	3			1						
320	1788	81	11	8		-1		1					
320	1789	82	13	2		3	-1						
320	1790	91	7	1		1							1
320	1791	96	2	1			1						
320	1792	96	2										2
320	1793	92	4	1		2		-1					1
320	1794	88	4	1		3	2						
320	1795	33	4	1				61					
320	1796	29	1					68		1			
320	1798	9	-1					90					
320	1798 A	21	3	-1				74			-1		
320	1800	5						95					
320	1801	77	15	5		-1		6					
320	1802	92	4	-1		2							2
320	1803	98	1	-1			-1						
320	1804	88	3	1			1	5					
320	1805	97	2	1			1						
320	1806	92	3	1		-1	1						
320	1807	95	4										
320	1808	5	-1					95					
320	1809	12	1					84		2			
320	1810	6						93		1			
320	1811	50						50					
320	1812	77	2					20					
320	1813	92	3	2		1	1						
320	1814	79	3	5				11					
320	1815	95	3	1		1							
320	1816	91	3	4		-1	-1						
320	1817	91	2	-1		1	1	5					
320	1818	90	2	4		1		2					
320	1819	91	5	1				2					
320	1820	82	5	6			-1						
320	1821	92	3	-1		2		1					
320	1822	93	3	2		1							

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CODE #	STATION #	QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	GLAUC	DIATOMS	SPCLS	RDLRNS	WOOD+ PLNT FIB	OTHER
320	1823	88	5	1				4					
320	1824	3						97					
320	1825	10						86		4			
320	1826	31	1					68					
320	1827	20	•1	1				77					
320	1828	77	14	1		1		2	1	1	1		
320	1829	75	12	1	1	4				4		2	1
320	1834	78	9	•1		2		10		1			
320	1835	9	•1					90					
320	1836	10						90					
320	1837	44	1	1				54					
320	1839	5	•1			•1		94					
320	1840	11	1					88					
320	1841	39	3	2				53					
320	1842	76	10	5				10					
320	1843	93	3	3			•1						
320	1844	90	5	1			2	2					
320	1845	94	2	1		1	2						
320	1846	95	3	2									
320	1847	92	4	3		•1	•1						
320	1848	94	4	1		•1							
320	1849	90	7	2									1
320	1850	94	4					1		1			
320	1851	13		•1				86					
320	1852	12		•1				87					
320	1853	71	17	2	2	1		1		6			
320	1854	40	2	2				55					
320	1855	28	4	2				66					
320	1856	89	4	1		1		6		•1			
320	1857	92	4	2		1	•1						
320	1858	78	13	7		1		•1					
320	1859	87	3	5				4					
320	1860	89	5	4			2						
320	1861	85	4	7		1		1					
320	1862	79	14	3	•1	1		2		•1			
320	1865	86	6	3		•1		3					
320	1866	74	8	9		1		6					1
320	1868	71	13	11	1			3					
320	1869	81	7	3				8					
320	1872	78	7	10		•1		4					
320	1875	76	8	11			3						
320	1878	73	10	9		2	5						
320	1880	79	8	6		2	4						
320	1881	70	11	12	1			7					
320	1882	75	15	7		•1	2						
320	1883	73	10	9		4	1						•1
320	1884	71	11	13		1		3					
320	1885	72	12	10									
320	1886	82	7	6		1		1					
320	1890	81	9	4		2		5					
320	1893	65	14	12	1			8					
320	1895	71	15	5		6							2
320	1960	93	4	2		1							•1
320	1961	91	4	•1		2							•1
320	1962	71	11	5		12							•1
320	1963	70	10	13	1	5							1
320	1964	74	14	3	1	7		2					•1
320	1965	76	13	3	1	6		1					
320	1966	67	15	15		1		1					
320	1967	89	4	4		1							2
320	1968	71	10	14		1		2					
320	1969	67	11	15		•1		1					
320	1970	88	5	6	4			1					
320	1971	84	6	8		2		•1					
320	1973 A	92	2	5									
320	1974	80	5	6		2	2	4					
320	1976	10			5						14		76
320	1977	3	1	•1	4						19		72
320	1978	69	6	4	1	•1		2			3		13
320	1979	24	1	4	•1						15		54
320	1981	84	6	6		1		2					
320	1982	87	6	6									
320	1984	57	6	6	4	2		1			22		
320	1987	75	7	12	3					1	1		
320	1988	77	7	5				10					
320	1993	56	4	10	10	2							4
320	1995	73	12	9		5		1					•1
320	1996	69	14	14		•1							•1
320	1997	73	14	7		6							•1
320	1998	78	13	3		4							1
320	1999	78	13	5		4							
320	2001	68	15	11		1	•1						2
320	2004	77	13	4	•1	2	1						
320	2027	62	9	19	•1	1		5					1
320	2028	69	8	15	2	1		4					•1
320	2030	72	16	8		1	2	1					
320	2032	77	11	5		•1		5					
320	2033	77	10	10		2	•1						
320	2034	62	8	6		•1		20					
320	2036	85	7	7									

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #		QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	DIATOMS GLAUC		SPCLS		RDLRNS PLNT FIB	WOOD+	OTHER
320	2037		74	11	11		2		2						
320	2038		78	13	6		1	2							
320	2040		83	12	2		2								
320	2041		68	10	15		2		4						
320	2043		77	11	7		2	-1	1						
320	2045		76	9	11		1		2						
320	2046		76	10	9		1		3						
320	2047		76	11	11		1		1						
320	2049		80	9	9		-1		-1						
320	2050		72	16	10		2								
320	2051		70	14	12		1	-1							2
320	2054		84	6	7		1								
320	2056		69	18	7		6		-1						
320	2057		64	13	9	2	-1		8						2
320	2058		92	4	1										3
320	2059		86	4	8		2		-1						
320	2060		85	7	4		1		-1						1
320	2061		74	10	10		4								2
320	2062		83	5	6		5								2
320	2063		77	8	15										
320	2064		90	6	2		-1								1
320	2065	A	87	8	3		1								2
320	2065	B	85	6	7		1								
320	2069		62	19	14		2		-1						1
320	2070		81	12	6	1	1								
320	2071		65	16	16		-1		4				-1		
320	2072		78	12	4	4	2								-1
320	2073		80	11	5	1	3								
320	2074	A	76	11	8	1	3		1						-1
320	2075		59	12	9		1		18						
320	2076		82	10	4	-1	2		-1	1	-1				-1
320	2077		68	7	14	4			6						-1
320	2078		73	13	7	2	5		-1						
320	2079		69	10	5	4	4			-1			8		-1
320	2080		74	7	12		1								6
320	2082		74	10	2	6	6		-1						1
320	2083		74	13	7	3	1		3						
320	2084		72	7	9				12						
320	2085		71	14	7	3	1		-1	4					
320	2086		64	11	15		1		2				5		
320	2087		74	11	2	5	4		-1	2					2
320	2088		74	9	11	2	1		2				1		
320	2089		60	11	4	11	2		-1				12		
320	2091		75	7	8	2	6		2				-1		
320	2092		67	15	6	6	2		4						
320	2093		73	10	8	6	2		1						
320	2094		40	9	7	21	5		12				4		
320	2095		69	12	3	-1			5				10		
320	2097		30	4	4		1		3	7	-1		40		
320	2098		76	13	5		2				2		2		
320	2099		60	9	11	10	2		5				-1		
320	2100		57	8	9	6			19						
320	2104		74	9	12		1		3						
320	2105		80	9	6		3								2
320	2106		66	17	12		1		3						
320	2107		61	12	17		3	1							
320	2108		48	14	13	18			6						
320	2109	A	75	14	10										
320	2110		69	14	12	-1	2		2						
320	2111		66	9	7		1		4				11		-1
320	2112		50	8	9	28			4						
320	2114		39	9	8	32	1		9				1		1
320	2115		76	10	10		-1		1						
320	2116		68	8	13	2			7	-1					
320	2118		70	12	8	3			3				2		
320	2119		67	15	6	4			2		-1		-1		
320	2218		83	7	6		-1	1	1						
320	2231		92	2	4										
320	2232		84	8	6		1	-1							
320	2233		80	10	9		-1	-1							
320	2235		89	5	5		1								
320	2241		44	2	2	-1			50						
320	2243		67	14	13	-1	1	3							-1
320	2247		83	5	6		3	2							
320	2249		90	7	2		-1								-1
320	2250	U	93	3	3		-1								1
320	2251		95	2	2		1								
320	2252		92	6	2										
320	2253		90	5	2		2								
320	2254		85	10	4	-1	-1								
320	2255		97	2	-1										
320	2256		93	4	2	1	1								
320	2257		84	8	3		1	2							
320	2258		81	16	2	1									
320	2259		79	10	7		1		1						1
320	2260		82	10	6		1								
320	2261		85	7	3		3	-1	1						
320	2262		84	7	4		2		2						
320	2263		93	3	2		1								
320	2264		90	4	3		1								1

NON-CARBONATE FRACTION 125-250MU

CODE #	STATION #	QUARTZ	K FLDSP	PLAG. FLDSP	MICA	HVY MNRLS	PHSPHT	GLAUC	DIATOMS	SPCLS	RDLRNS	WOOD+ PLNT FIB	OTHER
320	2265	94	4	2									
320	2266	93	2	1		3		.1					
320	2269	87	6	3		3							
320	2270	67	9	5		2	6	10					
320	2272	90	5	4		.1							
320	2273	88	6	5		.1							
320	2274	88	6	4		1							
320	2275	88	7	3	.1	.1							
320	2276	80	9	8		1							
320	2277	87	4	4		2		2					
320	2292	87	7	5		1							
320	2294	88	4	5		2							
320	2295	88	6	5		.1							
320	2296	82	10	5		2							1
320	2297	84	8	5		1		.1					
320	2298	82	9	5		2							1
320	2301	88	7	2		1		.1					
320	2302	64	15	8				13					
320	2305	97	1			1							1
320	2306	93	6	1									
320	2307	88	7	3		1							.1
320	2308	92	3	2		2							.1
320	2309	93	6			.1							
320	2311	91	6	2		.1							
320	2312	92	4	3									
320	2313	89	7	2		2							1
320	2314	76	15	6		1							2
320	2315	86	9	3		1							.1
320	2316	91	5	2		2	.1						
320	2317	93	3	1		2	.1						.1
320	2318	95	2	2		1							1
320	2319	78	11	10		.1							
320	2320	85	9	5		1							.1
320	2321	73	11	9	1	.1		.1					4
320	2322	73	13	8				5					
320	2323	74	8	9		3	2						2
320	2324	73	10	7		9							1
320	2325	90	2	3		.1		1					
320	2327	90	5	2		1							2
320	2328	75	10	9		4							1
320	2330	82	6	10		1							
320	2331	87	5	5		1							1
320	2332	69	13	7		5							7
320	2333	82	4	10		2							
320	2337	10	2	1				50		36			
320	2339	80	8	8		1							4
320	2409	87	8	4		.1							
320	2416	80	5	3		1		10					
320	2427	93	2	3		1							
320	2428	92	3	2		2		.1					
320	2429	89	6	3									
320	2431	88	6	5									
320	2432	80	14	5									
320	2433	91	3	4				1					
320	2434	86	5	7				.1		.1			
320	2435	93	4	2		.1							
320	2437	41	2	3				50		2			
320	2438	94	3	2		.1							
320	2450	77	12	5				4					
320	2451	57	14	11				15					
320	2471	69	23	4		.1			1	2	1		

Code Lines 400 and 401 $CaCO_3$, carbon and nitrogen content

Line 400 gives those constituents of organic origin in the samples. Calcium carbonate content was determined by the method described by Hülsemann (1966). Carbon content was determined by a gasometric method similar to that described by Kolpack and Bell (1968). Nitrogen content was determined by volumetric determination of aminoid nitrogen by the micro Kjeldahl method of Kabat and Mayer (1948). Line 401 gives data for reruns of those samples indicated by *.

Acknowledgements

The calcium carbonate, carbon, and nitrogen determinations were made under the direction of Jobst Hulsemann and Susan Kadar, assisted by Lois Toner, Madalyn Hamilton, and Faith Harrington.

Explanation of headings

CODE #	400 denotes content of constituents of organic origin.
STATION #	As described under code line 100 above.
CACO3	Calcium carbonate content in percent.
CARBON OF CACO3	Carbon content, in percent, calculated from calcium carbonate content.
ORGANIC CARBON MEASURED	Carbon content, in percent, measured by gasometric method in samples after removal of $CaCO_3$ by acid treatment.
TOTAL CARBON MEASURED	Carbon content, in percent, measured by gasometric method in whole sample.
ORGANIC CARBON CALCULATED	Total carbon measured less carbon of $CaCO_3$, in percent.
TOTAL CARBON CALCULATED	Organic carbon, measured, plus carbon of $CaCO_3$, in percent.
KJELDAHL NITROGEN	Nitrogen, in percent, measured by micro kjeldahl method.
ORGANIC CARBON/ NITROGEN	Ratio of organic carbon content to nitrogen content.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
400	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	$CaCO_3$	20-25	F	6	23	2
	Carbon of $CaCO_3$	32-37	F	6	35	2
	Organic carbon, measured	44-49	F	6	57	2
	* indicates rerun of org C measured, on line 401	51	A	1		
	Total carbon, measured	56-61	F	6	59	2
	Organic carbon, calculated	68-73	F	6	71	2
	Total carbon, calculated	81-86	F	6	84	2
	Kjeldahl nitrogen	95-100	F	6	97	3
	Organic carbon/nitrogen	106-111	F	6	110	1
	* indicates rerun of org C/N, on line 401	115	A	1		

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	A002	11.04	1.32	0.09	1.00	-0.32		0.013	7.3
400	A003	0.66	0.08	0.03 *	0.10	0.02		0.010	2.9
400	A012	0.37	0.04	0.02	0.03	-0.01		0.011	1.9
400	A015	0.87	0.10	0.01 *	0.22	0.12		0.006	2.0
400	A016	0.88	0.11	0.05	0.08	-0.02		0.009	5.5
400	A020	1.00	0.12	0.90	1.02	0.90		0.107	8.3
400	A023	1.81	0.22	1.22	1.63	1.41		0.184	6.7
400	A026	1.22	0.15	0.09	0.39	0.25		0.025	3.7
400	A028	0.68	0.08	0.04	0.11	0.03		0.007	5.1
400	A036	1.05	0.13	0.03	0.13	0.01		0.006	4.8
4002	A037A	0.00	0.00	0.00	0.11	0.00		0.008	0.0
400	A038	1.26	0.15	0.09	0.59	0.44		0.014	6.0
400	A040	1.42	0.17	0.28	0.54	0.37		0.035	8.1
400	A041	6.47	0.78	1.21	0.86	0.09		0.157	7.7
400	A042	1.38	0.17	1.98	2.59	2.43		0.254	7.8
400	A044	1.46	0.18	0.22	0.12	-0.06		0.029	7.4
400	A045	0.89	0.11	0.02	0.16	0.06		0.006	3.9
400	A046	0.38	0.05	0.08	0.07	0.03		0.012	6.1
400	A047	2.20	0.26	0.03	0.26	-0.01		0.011	2.3
400	A048	1.90	0.23	0.03	0.20	-0.03		0.009	3.7
400	A052	1.44	0.17	0.04	0.16	-0.02		0.007	5.8
400	A055	0.87	0.10	0.09	0.15	0.04		0.008	11.2
400	B003	22.94	2.75	0.13	2.66	-0.10		0.022	6.3
400	B005	2.50	0.30	0.63	1.18	0.88		0.085	7.5
400	E001	3.17	0.38	1.24	1.70	1.32		0.176	7.1
400	E002	5.29	0.63	0.42	0.95	0.32		0.055	7.5
400	E003	6.95	0.83	0.52	1.26	0.42		0.078	6.7
400	E004	14.80	1.78	1.03	2.43	0.65		0.139	7.4
400	E005	19.95	2.39	0.59	3.06	0.67		0.081	7.2
400	E006	26.38	3.17	0.80	4.73	1.56		0.122	6.6
400	E007	32.91	3.95	0.56	4.49	0.54		0.096	5.9
400	E008	33.19	3.98	0.44	4.04	0.06		0.079	5.7
400	E009	29.71	3.57	0.34	3.47	-0.09		0.048	7.1
400	E010	27.99	3.36	0.23	3.69	0.33		0.049	4.6
400	E011	39.63	4.76	0.28	0.00	0.00		0.047	5.9
400	E012	50.84	6.10	0.31	0.00	0.00		0.056	5.5
400	E013	65.85	7.90	0.24	0.00	0.00		0.037	6.4
400	E014	9.66	1.16	0.37	1.53	0.37		0.041	9.0
400	E015	5.74	0.69	0.33	0.62	-0.07		0.032	10.3
400	E016	6.16	0.74	0.60	1.04	0.30		0.076	7.9
400	E018	20.06	2.41	1.23	3.89	1.48		0.172	7.1
400	M001A	0.48	0.06	1.23	1.99	1.93		0.194	6.3
400	M002B	2.00	0.24	0.19	0.49	0.25		0.014	13.6
400	M003A	0.77	0.09	1.42	2.72	2.63		0.192	7.4
400	M005A	1.12	0.13	1.74	2.27	2.13		0.266	6.5
400	M006A	1.01	0.12	1.08	1.36	1.24		0.153	7.1
400	M007A	1.28	0.15	1.00	1.34	1.19		0.165	6.0
400	M008A	2.44	0.29	1.96	2.61	2.32		0.298	6.6
400	M009A	1.52	0.18	0.76	0.96	0.78		0.100	7.6
400	M010A	3.17	0.38	1.67	2.31	1.93		0.253	6.6
400	M011A	2.38	0.29	0.67	2.17	1.89		0.090	7.4
400	M012A	3.52	0.42	1.11	1.72	1.29		0.161	6.8
400	M013A	4.15	0.50	1.04	1.64	1.14		0.074	14.1
400	M014B	2.37	0.28	0.62	1.00	0.72		0.064	9.7
400	M016A	2.26	0.27	0.25	0.56	0.29		0.026	9.7
400	M017A	2.17	0.26	0.23	0.48	0.22		0.031	7.3
400	M019A	2.10	0.25	0.30	0.54	0.29		0.000	0.0
400	M019B	2.57	0.31	0.42	0.84	0.53		0.041	10.1
400	M020A	3.85	0.46	0.71	1.31	0.85		0.103	6.9
400	M021B	1.74	0.21	0.32	0.56	0.35		0.051	6.2
400	M022A	2.69	0.32	0.60	1.01	0.69		0.082	7.4
400	M023A	2.40	0.29	0.93	1.35	1.06		0.128	7.2
400	M024A	4.06	0.49	0.72	1.49	1.00		0.116	6.2
400	M024B	1.82	0.22	0.94	1.34	1.12		0.136	6.9
400	M025A	1.42	0.17	1.18	1.52	1.34		0.176	6.7
400	M026A	1.85	0.22	0.00	1.33	1.10		0.154	0.0
400	M027A	1.07	0.13	1.04	1.47	1.34		0.161	6.5
400	M028A	0.90	0.11	1.75	0.00	0.00		0.281	6.3
400	M029A	0.86	0.10	1.00	1.82	1.72		0.172	5.9
400	M030A	1.32	0.16	1.05	1.42	1.26		0.162	6.5
400	M031A	0.73	0.09	0.52	0.51	0.42		0.076	6.9
400	M031B	0.55	0.07	0.87	0.97	0.90		0.130	6.7
400	M032A	0.77	0.09	1.84	1.87	1.78		0.273	6.7
400	M033A	0.45	0.05	1.48	1.84	1.79		0.232	6.4
400	M034B	0.93	0.11	1.63	1.99	1.88		0.249	6.6
400	M035A	0.62	0.07	1.71	2.11	2.04		0.251	6.8
400	M036A	1.12	0.13	0.56	0.69	0.56		0.079	7.1
400	M037A	0.73	0.09	1.12	2.10	2.01		0.252	4.4
400	M038A	1.00	0.12	0.50	0.88	0.76		0.101	4.9
400	M039A	1.61	0.19	1.51	2.21	2.01		0.260	5.8
400	M040A	1.39	0.17	1.52	2.26	2.10		0.275	5.5
400	M041A	0.00	0.00	0.00	0.90	0.00		0.085	0.0
400	M042A	2.67	0.32	0.00	0.00	0.00		0.210	0.0
400	M043A	2.08	0.25	0.43	0.81	0.56		0.063	6.9
400	M044A	1.62	0.19	0.50	0.79	0.59		0.066	7.6
400	M045A	1.80	0.22	0.35	0.64	0.43		0.050	7.0
400	M046A	1.48	0.18	0.25	0.51	0.34		0.037	6.8
400	M047A	75.44	9.05	0.35	8.84	-0.21		0.046	7.5
400	M048A	83.28	9.99	0.28	9.51	-0.49		0.053	5.3
400	M049A	35.78	4.29	0.13	4.64	0.35		0.020	6.6

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	M050A	3.57	0.43	0.21	0.93	0.50		0.032	6.6
400	M051C	2.81	0.34	0.73	1.31	0.97		0.109	6.7
400	M052B	4.66	0.56	0.90	1.95	1.39		0.129	6.9
400	M053A	2.68	0.32	0.44	0.82	0.49		0.066	6.6
400	M054A	2.47	0.30	0.56	1.36	1.06		0.079	7.0
400	M055A	2.58	0.31	1.49	1.96	1.65		0.225	6.6
400	M056A	2.00	0.24	1.76	2.58	2.34		0.243	7.2
400	M057A	1.67	0.20	0.00	2.27	2.07		0.252	0.0
400	M058A	1.67	0.20	0.56	1.18	0.98		0.095	5.9
400	M059A	1.53	0.18	1.26	1.59	1.41		0.217	5.8
400	M060A	0.89	0.11	1.41	1.86	1.75		0.235	6.0
400	M061A	1.10	0.13	1.07	1.32	1.19		0.160	6.7
400	M062A	0.96	0.11	1.85	2.25	2.14		0.280	6.6
400	M063A	1.19	0.14	0.00	2.09	1.95		0.250	0.0
400	M064A	0.79	0.09	1.52	2.01	1.91		0.249	6.1
400	M065A	1.16	0.14	1.16	1.46	1.32		0.160	7.2
400	M066A	1.14	0.14	1.58	2.00	1.87		0.236	6.7
400	M067A	0.91	0.11	1.50	1.99	1.88		0.227	6.6
400	M068A	1.56	0.19	0.38	0.66	0.47		0.067	5.6
400	M069A	2.03	0.24	1.52	2.11	1.87		0.240	6.3
400	M070A	1.85	0.22	0.84	1.28	1.06		0.126	6.7
400	M071A	2.78	0.33	1.33	1.99	1.66		0.207	6.4
400	M072A	2.82	0.34	1.22	1.64	1.30		0.159	7.7
400	M073A	3.54	0.42	1.34	2.02	1.59		0.196	6.9
400	M074A	3.57	0.43	0.74	1.55	1.12		0.110	6.7
400	M075A	1.78	0.21	0.28	0.81	0.60		0.035	8.1
400	M076A	1.41	0.17	0.21	0.55	0.38		0.032	6.6
400	M077A	3.08	0.37	0.19	0.62	0.25		0.026	7.3
400	M079A	1.79	0.22	0.23	0.63	0.42		0.035	6.6
400	M080B	1.83	0.22	0.46	0.77	0.55		0.079	5.8
400	M081A	2.50	0.30	0.36	0.72	0.42		0.055	6.6
400	M082A	4.34	0.52	1.27	2.20	1.67		0.180	7.1
400	M083A	3.51	0.42	1.50	1.98	1.56		0.218	7.0
400	M084A	4.05	0.49	1.58	2.02	1.54		0.243	6.5
400	M085A	2.15	0.26	0.00	2.41	2.15		0.258	0.0
400	M086A	2.20	0.26	1.38	2.01	1.75		0.222	6.2
400	M087A	1.26	0.15	1.00	1.34	1.19		0.159	6.3
400	M088A	0.83	0.10	1.42	1.88	1.78		0.224	6.3
400	M089A	1.80	0.22	1.17	1.70	1.49		0.180	6.5
400	M090A	2.81	0.34	0.95	1.68	1.34		0.181	5.3
400	M091A	3.44	0.41	1.20	2.10	1.69		0.200	6.0
400	M092A	3.28	0.39	1.26	2.16	1.77		0.221	5.7
400	M093A	2.97	0.36	1.01	1.56	1.21		0.136	7.4
400	M094A	3.20	0.38	0.75	1.32	0.93		0.110	6.8
400	M095A	1.58	0.19	0.37	0.64	0.45		0.041	9.0
400	M096A	1.48	0.18	0.17	0.43	0.26		0.027	6.2
400	M098A	3.41	0.41	0.26	0.80	0.39		0.038	6.9
400	M099C	2.87	0.34	0.37	0.76	0.42		0.060	6.2
400	M100B	2.27	0.27	0.54	0.91	0.64		0.073	7.4
400	M101A	4.26	0.51	0.83	2.19	1.68		0.188	4.4
400	M102A	2.85	0.34	0.81	1.39	1.05		0.204	4.0
400	M103A	2.88	0.35	1.05	1.72	1.37		0.175	6.0
400	M104A	10.55	1.27	0.88	2.38	1.12		0.128	6.9
400	M105A	3.11	0.37	0.76	1.37	0.99		0.124	6.2
400	M106A	2.42	0.29	1.56	2.37	2.08		0.244	6.4
400	M107A	2.24	0.27	1.12	1.63	1.36		0.172	6.5
400	M108A	2.14	0.26	1.88	2.73	2.48		0.251	7.5
400	M109A	2.24	0.27	1.74	2.53	2.26		0.274	6.3
400	M110A	2.58	0.31	1.30	1.88	1.57		0.141	9.3
400	M111A	2.70	0.32	1.37	1.89	1.57		0.198	6.9
400	M112A	1.54	0.19	0.73	1.05	0.86		0.110	6.7
400	M113A	2.11	0.25	1.94	2.68	2.42		0.295	6.6
400	M114A	1.11	0.13	1.01	1.34	1.21		0.151	6.7
400	M115A	0.84	0.10	0.42	0.63	0.53		0.064	6.6
400	M116A	1.48	0.18	0.73	1.12	0.94		0.095	7.7
400	M117A	0.93	0.11	1.59	2.14	2.03		0.266	6.0
400	M118A	0.82	0.10	1.34	1.68	1.59		0.209	6.4
400	M119A	0.42	0.05	0.37	0.56	0.51		0.057	6.5
400	M120A	1.03	0.12	1.66	2.27	2.14		0.256	6.5
400	M121A	0.49	0.06	0.83	0.98	0.93		0.108	7.7
400	N002A	0.65	0.08	0.05	0.08	0.00		0.003	17.0
400	N003A	0.63	0.08	0.11	0.18	0.10		0.010	11.1
400	N004A	0.45	0.05	0.13	0.23	0.18		0.019	6.9
400	N005A	1.23	0.15	0.46	0.69	0.55		0.070	6.6
400	N006A	1.90	0.23	0.26	0.68	0.45		0.034	7.7
400	N007A	6.12	0.73	0.24	0.80	0.07		0.031	7.8
400	N008A	5.60	0.67	0.12	0.62	-0.05		0.022	5.5
400	N009A	6.17	0.74	0.22	1.03	0.23		0.035	6.3
400	N010A	9.77	1.17	0.61	1.34	0.17		0.087	7.0
400	N011A	0.84	0.10	0.41	0.67	0.57		0.064	6.5
400	N012A	0.45	0.05	0.41	0.54	0.49		0.059	7.0
400	N013A	0.22	0.03	0.17	0.24	0.21		0.026	6.6
400	N014A	0.11	0.01	0.03	0.23	0.22		0.004	7.9
400	N015A	0.18	0.02	0.02	0.22	0.20		0.003	8.0
400	N016A	0.36	0.04	0.08	0.29	0.25		0.018	4.6
400	N017A	0.51	0.06	0.39	2.71	2.65		0.072	5.5
400	N018A	0.38	0.05	0.55	0.75	0.70		0.082	6.8
400	N019A	1.30	0.16	0.48	0.84	0.68		0.069	6.9
400	N020A	5.23	0.63	0.58	1.42	0.79		0.080	7.2
400	N021A	9.91	1.19	0.48	1.71	0.52		0.058	8.4

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	N022A	7.47	0.90	0.59	1.86	0.97		0.060	9.9
400	N023A	2.93	0.35	0.70	1.26	0.91		0.092	7.6
400	N024A	0.84	0.10	0.92	1.22	1.11		0.133	6.9
400	N025A	0.52	0.06	0.52	0.66	0.60		0.076	6.8
400	N026A	0.42	0.05	0.19	0.45	0.40		0.048	4.0
400	N027A	0.45	0.05	0.20	0.34	0.29		0.035	5.7
400	N028A	0.39	0.05	0.13	0.31	0.26		0.033	4.0
400	N029A	0.42	0.05	0.07	0.04	-0.01		0.011	6.9
400	N030A	0.34	0.04	0.11	0.18	0.14		0.018	6.2
400	N031A	0.40	0.05	0.28	0.34	0.29		0.044	6.3
400	N032A	0.30	0.04	0.51	0.71	0.67		0.073	7.0
400	N033A	0.54	0.06	0.84	1.07	1.00		0.137	6.2
400	N034A	0.99	0.12	1.03	1.29	1.17		0.148	6.9
400	N035A	3.50	0.42	1.12	1.59	1.17		0.146	7.6
400	N036A	8.03	0.96	0.41	1.47	0.50		0.046	8.9
400	N037A	4.49	0.54	0.28	0.84	0.31		0.038	7.5
400	N038A	8.68	1.04	0.63	2.52	1.48		0.113	5.6
400	N039A	8.84	1.06	1.05	2.42	1.36		0.183	5.7
400	N040A	1.99	0.24	1.46	1.50	1.27		0.212	6.9
400	N041A	1.06	0.13	1.03	2.37	2.24		0.194	5.3
400	N042A	0.51	0.06	0.69	1.09	1.03		0.112	6.2
400	N043A	0.88	0.11	0.22	0.63	0.53		0.054	4.1
400	N044A	0.21	0.03	0.07	0.28	0.26		0.008	8.7
400	N045A	0.21	0.02	0.06	0.04	0.02		0.006	10.6
400	N046A	0.42	0.05	0.08	0.08	0.03		0.007	11.2
400	N048A	0.56	0.07	0.23	0.68	0.61		0.046	5.0
400	N049A	0.49	0.06	1.09	2.04	1.99		0.220	5.0
400	N050A	1.36	0.16	1.24	2.30	2.14		0.245	5.0
400	N051A	6.46	0.78	0.94	1.89	1.12		0.150	6.3
400	N052A	9.81	1.18	0.45	1.86	0.68		0.067	6.7
400	N053A	12.07	1.45	1.04	2.53	1.08		0.124	8.4
400	N054A	7.87	0.94	0.88	1.95	1.00		0.112	7.9
400	N055A	9.17	1.10	1.17	2.53	1.43		0.160	7.3
400	N056A	4.68	0.56	0.21	1.26	0.69		0.050	4.1
400	N057A	2.30	0.28	0.74	1.07	0.80		0.099	7.5
400	N058A	1.19	0.14	0.81	1.29	1.15		0.136	5.9
400	N059A	0.69	0.08	0.32	1.03	0.94		0.086	3.7
400	N060A	0.72	0.09	0.29	0.60	0.51		0.060	4.9
400	N061	0.36	0.04	0.20	0.57	0.52		0.044	4.5
400	N062	6.55	0.79	0.06	0.22	-0.57		0.009	7.1
400	N063	0.30	0.04	0.06	0.26	0.22		0.008	7.9
400	N064A	0.65	0.08	0.24	0.31	0.23		0.042	5.6
400	N065A	0.83	0.10	0.46	0.76	0.66		0.069	6.7
400	N066A	0.13	0.02	0.05	0.29	0.28		0.007	6.7
400	N067A	0.62	0.07	0.08	0.00	0.00		0.013	6.7
400	N103	1.28	0.15	0.03	0.24	0.08		0.009	3.0
400	N106	0.40	0.05	0.24	0.30	0.26		0.035	7.0
400	N110	1.22	0.15	1.21	1.43	1.28		0.175	6.9
400	N128	6.87	0.82	0.04	0.81	-0.01		0.010	3.8
400	N130	0.42	0.05	0.04	0.08	0.03		0.008	5.3
400	N133	1.19	0.14	0.03	0.27	0.13		0.006	4.9
400	N140	0.59	0.07	0.04	0.10	0.03		0.008	5.2
400	N145	0.74	0.09	0.14	0.25	0.16		0.027	5.3
400	N148	1.37	0.16	0.37	0.39	0.23		0.038	9.9
400	N151	0.63	0.08	0.16	0.34	0.27		0.036	4.4
400	N153	1.15	0.14	0.04	0.06	-0.08		0.005	6.7
400	P001	11.31	1.36	1.39	0.00	0.00		0.198	7.0
400	P002	1.59	0.19	0.30	0.00	0.00		0.041	7.3
400	P003	3.35	0.40	0.53	0.00	0.00		0.069	7.6
400	P004	2.08	0.25	0.19	0.00	0.00		0.025	7.6
400	P005	3.61	0.43	0.30	0.00	0.00		0.033	9.1
400	P006	1.55	0.19	0.10	0.00	0.00		0.016	6.6
400	P007	2.83	0.34	0.18	0.00	0.00		0.033	5.5
400	P008	3.69	0.44	0.19	0.00	0.00		0.027	6.9
400	P009	2.50	0.30	0.21	0.00	0.00		0.022	9.5
400	P010	0.00	0.00	0.00	0.00	0.00		0.012	0.0
400	P011	2.52	0.30	0.21	0.00	0.00		0.025	8.2
400	P012	3.65	0.44	0.49	0.00	0.00		0.064	7.6
400	P013	10.85	1.30	1.05	0.00	0.00		0.134	7.8
400	P014	0.00	0.00	0.00	0.00	0.00		0.105	0.0
400	P015	14.24	1.71	0.70	0.00	0.00		0.111	6.3
400	P016	18.97	2.28	0.89	0.00	0.00		0.132	6.8
400	P017	0.00	0.00	0.00	0.00	0.00		0.151	0.0
400	P018	23.07	2.77	0.81	0.00	0.00		0.127	6.4
400	P019	30.93	3.71	0.64	0.00	0.00		0.088	7.2
400	P020	0.00	0.00	0.00	0.00	0.00		0.087	0.0
400	P021	34.53	4.14	0.57	0.00	0.00		0.000	0.0
400	P022	29.43	3.53	0.53	0.00	0.00		0.000	0.0
400	S002	2.97	0.36	0.34	0.54	0.19		0.050	6.8
400	S003	0.47	0.06	1.78	2.13	2.07		0.241	7.4
400	S005	1.99	0.24	1.41	1.78	1.55		0.186	7.5
400	S007	1.29	0.15	1.47	1.83	1.67		0.184	8.0
400	S009	0.87	0.11	0.27	0.50	0.39		0.037	7.4
400	S012	2.00	0.24	0.74	1.17	0.93		0.128	5.8
400	S014	1.58	0.19	1.86	2.41	2.22		0.244	7.6
400	S017	2.23	0.27	1.00	1.24	0.98		0.136	7.4
400	S021	0.00	0.00	0.00	0.07	0.00		0.000	0.0
400	S024	0.61	0.07	0.10	0.28	0.21		0.020	5.1
400	S026	1.90	0.23	0.41	0.61	0.38		0.053	7.7
400	S028	2.39	0.29	0.45	0.70	0.41		0.064	7.1

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	S030	3.37	0.40	0.69	0.89	0.49		0.075	9.2
400	S032	4.20	0.50	0.77	1.47	0.97		0.130	6.0
400	S034	5.11	0.61	1.34	1.69	1.08		0.177	7.6
400	S036	3.78	0.45	0.64	1.18	0.73		0.087	7.3
400	S041	2.85	0.34	0.21	0.60	0.26		0.023	8.8
400	S061	3.04	0.36	0.14	0.44	0.07		0.011	12.8
400	S072	1.03	0.12	0.33	0.68	0.55		0.042	7.7
400	S074	0.82	0.10	0.28	0.44	0.34		0.042	6.6
400	S078	1.02	0.12	0.12	0.05	-0.07		0.029	4.2
400	S096	21.59	2.59	0.21	2.72	0.13		0.035	6.1
400	S102	1.98	0.24	0.21	0.39	0.15		0.027	7.9
400	S108	16.07	1.93	0.32	2.48	0.55		0.043	7.4
400	S110	2.44	0.29	0.57	0.93	0.63		0.080	7.1
400	S112	2.26	0.27	0.39	0.77	0.49		0.078	5.1
400	S114	2.64	0.32	0.74	1.06	0.74		0.099	7.5
400	S116	0.25	0.03	0.69	0.91	0.88		0.102	6.8
400	S121	1.28	0.15	0.49	0.59	0.43		0.070	7.0
400	S122	1.50	0.18	0.97	1.03	0.86		0.122	8.0
400	S124	1.11	0.13	0.34	0.63	0.49		0.065	5.2
400	S125	1.45	0.17	1.02	0.99	0.81		0.143	7.1
400	S128	1.25	0.15	1.86	2.09	1.94		0.261	7.1
400	S130	0.79	0.09	1.50	1.44	1.34		0.171	8.8
400	S136	0.47	0.06	2.79	1.22	1.16		0.094	29.6
400	S139	1.09	0.13	1.05	1.34	1.21		0.176	5.9
400	S142	1.84	0.22	1.46	2.32	2.10		0.250	5.8
400	S144	1.83	0.22	1.69	2.68	2.46		0.268	6.3
400	S146	1.40	0.17	2.18	2.04	1.87		0.279	7.8
400	S148	1.66	0.20	0.76	1.00	0.80		0.080	9.4
400	S150	1.69	0.20	0.75	0.87	0.67		0.085	8.9
400	S151	2.78	0.33	1.82	2.78	2.44		0.177	10.3
400	W003	0.70	0.08	0.60	0.93	0.85		0.077	7.7
400	W005	1.67	0.20	1.11	1.83	1.63		0.170	6.5
400	W007	1.14	0.14	1.47	1.85	1.71		0.223	6.6
400	W009	1.52	0.18	0.99	1.28	1.10		0.155	6.4
400	W011	1.60	0.19	1.27	1.69	1.50		0.179	7.1
400	W013	0.98	0.12	0.31	0.47	0.35		0.039	7.8
400	W015	0.77	0.09	0.09	0.18	0.09		0.023	3.7
400	W017	1.01	0.12	0.11	0.31	0.19		0.019	5.8
400	W019	0.00	0.00	0.09	0.23	0.00		0.015	5.9
400	W021	0.59	0.07	0.07	0.39	0.32		0.012	6.1
400	W023	1.97	0.24	0.13	0.23	0.00		0.000	0.0
400	W025	0.85	0.10	0.08	0.06	-0.04		0.010	8.0
400	W027	1.58	0.19	0.27	0.44	0.25		0.045	6.1
400	W028	1.44	0.17	0.32	0.71	0.53		0.052	6.1
400	W029	1.28	0.15	0.36	0.41	0.26		0.049	7.4
400	W031	4.72	0.57	0.28	0.81	0.25		0.039	7.3
400	W033	8.52	1.02	0.26	1.50	0.48		0.036	7.3
400	W034	3.37	0.40	0.16	0.50	0.09		0.021	7.4
400	W036	1.22	0.15	0.20	0.53	0.38		0.023	8.6
400	W044	1.64	0.20	0.13	0.27	0.07		0.028	4.7
400	W048	0.76	0.09	0.15	0.16	0.07		0.008	18.5
400	W049	0.31	0.04	0.32	0.36	0.33		0.049	6.5
400	W051	2.04	0.24	0.44	0.51	0.27		0.041	10.8
400	W053	0.97	0.12	0.78	0.87	0.75		0.136	5.7
400	W055	1.20	0.14	0.30	0.46	0.31		0.072	4.2
400	W060	0.97	0.12	0.37	0.57	0.46		0.058	6.4
400	W062	0.21	0.02	0.08	0.22	0.19		0.017	4.8
400	W066	0.71	0.09	0.04	1.18	1.09		0.009	4.2
400	W068	1.28	0.15	0.05	0.25	0.10		0.010	5.1
400	W076	2.90	0.35	0.06	0.38	0.04		0.011	5.7
400	W081	8.63	1.04	0.12	1.19	0.16		0.008	14.8
400	W086	1.44	0.17	0.03	0.18	0.01		0.020	1.7
400	W088	1.57	0.19	0.05	0.24	0.05		0.005	10.1
400	W090	1.70	0.20	0.16	0.21	0.00		0.005	30.1
400	W091	0.77	0.09	0.08	0.13	0.04		0.007	10.4
400	W093	3.16	0.38	0.09	0.74	0.36		0.018	5.1
400	W095	0.76	0.09	0.05	0.20	0.11		0.009	5.5
400	W097	1.36	0.16	0.38	0.57	0.40		0.033	11.5
400	W099	2.88	0.35	0.37	0.70	0.35		0.062	5.9
400	W100	4.27	0.51	0.40	0.75	0.24		0.069	5.7
4002	W101	1.09	0.13	0.32	0.62	0.49		0.038	8.3
400	W102	1.79	0.21	0.37	0.58	0.37		0.052	7.1
400	W103	1.75	0.21	0.19	0.49	0.29		0.013	14.0
400	W105	7.45	0.89	0.07	0.75	-0.15		0.013	5.1
400	W107	1.06	0.13	0.11	0.32	0.19		0.038	3.0
400	W111	20.83	2.50	0.06 *	2.55	0.05		0.023	2.6
400	W112	22.73	2.73	0.08	2.76	0.03		0.052	1.6
400	W114	5.27	0.63	0.10	0.64	0.01		0.015	6.3
400	W116	2.23	0.27	0.08	0.79	0.52		0.036	2.3
400	W118	2.77	0.33	0.41	0.48	0.14		0.021	19.2
400	W120	9.36	1.12	0.18	0.83	-0.29		0.021	8.3
400	W124	1.00	0.12	0.19	0.43	0.31		0.023	8.4
400	W127	24.25	2.91	0.05	2.95	0.04		0.015	3.2
400	W129	19.43	2.33	0.07	1.03	-1.30		0.015	4.9
400	W133	2.59	0.31	0.06	0.30	-0.02		0.005	12.1
400	W138	9.53	1.14	0.04	0.00	0.00		0.014	3.0
400	W140	11.56	1.39	0.10	1.47	0.08		0.011	8.8
400	W144	13.26	1.59	0.22	1.38	-0.21		0.023	9.7
400	W146	21.17	2.54	0.10	2.52	-0.02		0.014	7.0
400	W148	24.23	2.91	0.16	3.05	0.14		0.016	10.2

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	W150	6.05	0.73	0.07	1.11	0.39		0.011	5.8
400	W152	5.79	0.69	0.11	0.86	0.17		0.015	7.9
400	W157	43.40	5.21	0.38	5.15	-0.06		0.076	5.0
400	W159	16.72	2.01	0.05	2.82	0.81		0.015	3.6
400	W161	14.92	1.79	0.06	1.64	-0.15		0.007	8.1
400	W163	4.24	0.51	0.04	0.55	0.04		0.018	2.4
400	W165	0.71	0.08	0.12	0.24	0.16		0.022	5.5
400	W167	4.57	0.55	0.04	0.68	0.14		0.008	5.2
400	W170	12.21	1.47	0.09	1.54	0.07		0.020	4.5
400	W172	5.24	0.63	0.21	1.25	0.62		0.034	6.3
400	W174	1.91	0.23	0.11	0.40	0.17		0.018	6.0
400	W176	0.79	0.09	0.14	0.33	0.23		0.025	5.6
400	W178	6.31	0.76	0.12	0.96	0.20		0.022	5.6
400	W184	0.62	0.07	0.06	0.07	0.00		0.012	5.3
400	W195	24.21	2.90	0.11	2.91	0.01		0.026	4.0
400	W197	0.63	0.08	0.10	0.28	0.21		0.025	3.9
400	W211	1.26	0.15	0.42	0.46	0.31		0.066	6.3
400	W213	1.30	0.16	0.52	0.68	0.53		0.013	40.4
400	W215	0.78	0.09	0.53	0.79	0.70		0.084	6.3
400	W224	1.11	0.13	0.22	0.26	0.13		0.009	25.3
400	W225	0.79	0.10	0.10	0.48	0.38		0.019	5.4
400	W227	5.51	0.66	0.11	0.76	0.10		0.022	4.9
400	W229	2.25	0.27	0.07	0.13	-0.14		0.005	12.9

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1000	2.14	0.26	1.66	1.98	1.73		0.190	8.7
400	1001	2.55	0.31	0.26	0.69	0.38		0.085	3.1
400	1002	1.02	0.12	0.22	0.43	0.31		0.042	5.1
400	1003	4.85	0.58	0.09	0.75	0.17		0.039	2.2
400	1004	0.99	0.12	0.61	1.13	1.01		0.047	13.2
400	1005	0.77	0.09	0.63	0.73	0.64		0.118	5.4
400	1006	1.24	0.15	0.81	1.08	0.93		0.128	6.3
400	1007	3.95	0.47	0.32	0.78	0.30		0.044	7.1
400	1008	1.97	0.24	0.13	0.47	0.24		0.044	3.0
400	1009	6.04	0.73	0.09	0.69	-0.03		0.013	6.9
400	1011	2.30	0.28	0.24	0.71	0.43		0.051	4.7
400	1012	0.45	0.05	0.04	0.32	0.27		0.044	0.9
400	1013	5.03	0.60	0.18	0.89	0.29		0.046	3.8
400	1014	0.11	0.01	0.03	0.02	0.01		0.010	3.4
400	1015	0.72	0.09	1.13	1.39	1.31		0.188	6.0
400	1016	0.48	0.06	0.11	0.17	0.11		0.084	1.4
400	1018	0.67	0.08	0.96	1.39	1.31		0.172	5.6
400	1020	1.82	0.22	0.37	0.78	0.56		0.070	5.3
400	1021	7.74	0.93	0.31	1.32	0.39		0.057	5.4
400	1023	0.77	0.09	0.11	0.22	0.13		0.011	9.5
400	1024	0.66	0.08	1.66	2.26	2.19		0.217	7.6
400	1025	0.70	0.08	0.85	0.75	0.67		0.118	7.2
400	1026	1.28	0.15	0.44	0.58	0.43		0.062	7.2
400	1027	1.15	0.14	1.46	2.09	1.96		0.214	6.8
400	1029	1.57	0.19	1.75	1.70	1.51		0.271	6.5
400	1031	1.07	0.13	1.09	1.55	1.42		0.169	6.5
400	1032	0.81	0.10	0.49	0.72	0.62		0.089	5.5
400	1033	1.33	0.16	0.41	0.89	0.73		0.069	5.9
400	1034	1.15	0.14	0.35	0.60	0.46		0.053	6.7
400	1035	1.82	0.22	0.37	0.91	0.69		0.088	4.2
400	1036	3.01	0.36	0.52	0.90	0.54		0.062	8.4
400	1037	4.56	0.55	0.59	1.10	0.56		0.050	11.7
400	1038	2.09	0.25	0.40	0.67	0.42		0.052	7.7
400	1039	4.84	0.58	1.25	1.80	1.22		0.177	7.1
400	1040	2.96	0.36	0.78	1.28	0.92		0.131	5.9
400	1041	5.46	0.66	0.33	1.11	0.46		0.060	5.5
400	1042	2.08	0.25	0.72	1.31	1.06		0.148	4.9
400	1043	13.32	1.60	0.26	1.88	0.28		0.044	6.0
400	1044	3.72	0.45	1.11	1.71	1.27		0.126	8.8
400	1045	1.64	0.20	0.29	0.47	0.27		0.039	7.4
400	1046	2.01	0.24	0.68	1.03	0.79		0.098	6.9
400	1047	2.43	0.29	0.65	1.27	0.98		0.057	11.5
400	1048	3.15	0.38	1.19	1.74	1.36		0.203	5.9
400	1049	2.74	0.33	2.01	2.29	1.96		0.269	7.5
400	1050	0.88	0.11	0.48	1.12	1.02		0.088	5.5
400	1051	1.00	0.12	1.06	1.66	1.54		0.167	6.3
400	1052	0.52	0.06	0.25	0.52	0.46		0.025	10.2
400	1053	0.70	0.08	0.27	0.40	0.32		0.033	8.3
400	1054	4.04	0.48	0.96	1.50	1.02		0.110	8.7
400	1055	0.68	0.08	0.13	0.27	0.19		0.020	6.7
400	1056	0.32	0.04	0.06	0.09	0.05		0.007	8.4
400	1057	0.94	0.11	0.08	0.20	0.08		0.010	7.8
400	1058	4.08	0.49	0.05	0.47	-0.02		0.023	2.0
400	1059	0.63	0.08	0.27	0.36	0.28		0.033	8.3
400	1060	1.66	0.20	0.12	0.30	0.10		0.007	17.0
400	1061	1.66	0.20	0.54	0.62	0.42		0.057	9.4
400	1062	3.23	0.39	0.26	0.66	0.27		0.046	5.5
400	1063	0.65	0.08	0.05	0.10	0.03		0.019	3.0
400	1064	2.64	0.32	0.07	0.33	0.02		0.007	9.4
400	1066	1.12	0.13	0.43	0.55	0.41		0.042	10.2
400	1067	1.15	0.14	1.00	1.12	0.99		0.129	7.8
400	1068	1.85	0.22	1.16	1.69	1.47		0.172	6.7
400	1069	2.22	0.27	0.53	0.90	0.63		0.074	7.2
400	1070	2.37	0.28	0.25	0.59	0.31		0.034	7.4
400	1071	9.23	1.11	1.19	2.77	1.66		0.156	7.6
400	1072	9.32	1.12	0.58	1.91	0.79		0.082	7.1
400	1073	8.25	0.99	0.59	1.56	0.57		0.057	10.3
400	1074	8.68	1.04	0.38	1.40	0.36		0.051	7.4
400	1075	2.03	0.24	0.40	0.65	0.41		0.018	21.9
400	1076	1.92	0.23	0.44	0.84	0.61		0.073	6.1
400	1077	7.60	0.91	0.55	1.60	0.68		0.054	10.1
400	1078	7.54	0.90	0.66	1.45	0.55		0.086	7.7
400	1079	7.53	0.90	0.44	1.27	0.37		0.050	8.9
400	1080	5.50	0.66	0.44	1.05	0.39		0.042	10.4
400	1081	2.54	0.30	0.53	0.87	0.57		0.065	8.0
400	1082	1.94	0.23	0.44	0.89	0.66		0.057	7.7
400	1083	1.56	0.19	0.75	1.04	0.85		0.076	9.8
400	1084	1.87	0.22	0.59	0.87	0.64		0.069	8.5
400	1091	1.33	0.16	1.73	2.27	2.11		0.206	8.4
400	1092	0.64	0.08	1.16	1.16	1.09		0.141	8.3
400	1093	0.61	0.07	0.28	0.39	0.32		0.033	8.6
400	1094	1.48	0.18	1.38	1.47	1.29		0.181	7.7
400	1095	0.92	0.11	0.92	1.71	1.60		0.157	5.9
400	1096	1.06	0.13	1.06	1.37	1.24		0.130	8.1
400	1097	1.25	0.15	1.71	1.95	1.81		0.215	8.0
400	1098	1.42	0.17	1.51	1.76	1.59		0.204	7.4
400	1099	0.51	0.06	1.40	1.53	1.47		0.175	8.0
400	1100	0.62	0.07	0.45	0.08	0.01		0.010	46.8
400	1101	0.53	0.06	0.06	0.02	-0.04		0.007	8.7
400	1102	3.43	0.41	0.04	0.46	0.05		0.013	2.8

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1103	9.48	1.14	0.11	1.18	0.05		0.026	4.2
400	1104	5.79	0.70	0.06	0.73	0.04		0.023	2.6
400	1106	1.89	0.23	0.07	0.26	0.04		0.006	11.3
400	1107	0.52	0.06	0.09	0.08	0.02		0.009	9.1
400	1108	1.18	0.14	0.40	0.66	0.51		0.074	5.4
400	1109	1.41	0.17	0.23	0.29	0.12		0.025	9.2
400	1110	7.13	0.86	0.25	1.35	0.50		0.022	11.8
400	1112	5.77	0.69	0.37	0.46	-0.23		0.028	13.1
400	1113	0.91	0.11	0.23	0.40	0.29		0.019	11.8
400	1114	1.23	0.15	0.23	1.22	1.07		0.017	13.7
400	1115	3.74	0.45	0.34	0.53	0.08		0.045	7.8
400	1116	3.74	0.45	0.54	1.01	0.56		0.054	9.9
400	1117	6.08	0.73	0.29	0.94	0.21		0.052	5.6
400	1118	1.27	0.15	0.16	0.27	0.12		0.018	9.2
400	1119	3.38	0.41	0.21	0.36	-0.04		0.009	24.2
400	1120	1.94	0.23	0.13	0.32	0.09		0.014	9.5
400	1121	0.69	0.08	0.14	0.12	0.04		0.015	9.4
400	1123	1.64	0.20	0.06	0.28	0.08		0.009	7.4
400	1124	1.70	0.20	0.09	0.32	0.12		0.017	5.5
400	1125	0.93	0.11	0.11	0.14	0.03		0.008	14.3
400	1126	1.83	0.22	0.13	0.27	0.05		0.014	9.3
400	1127	1.86	0.22	0.10	0.28	0.05		0.016	6.6
400	1128	13.46	1.62	0.09	1.38	-0.23		0.009	9.5
400	1129	2.28	0.27	0.07	0.28	0.01		0.011	5.9
400	1130	34.59	4.15	0.13	2.49	-1.66		0.020	6.4
400	1133	2.97	0.36	0.12	0.40	0.04		0.012	10.2
400	1134	7.07	0.85	0.21	0.96	0.11		0.024	8.9
400	1135	12.51	1.50	0.12	1.57	0.07		0.011	10.9
400	1136	0.79	0.09	0.05	0.15	0.06		0.014	3.3
400	1137	2.83	0.34	0.20	0.00	0.00		0.022	9.1
400	1138	2.04	0.25	0.09	0.31	0.07		0.017	5.2
400	1139	1.75	0.21	0.13	0.26	0.05		0.014	9.4
400	1140	1.09	0.13	0.10	0.23	0.10		0.014	6.9
400	1141	3.83	0.46	0.09	0.50	0.04		0.023	4.0
400	1142	1.37	0.16	0.13	0.23	0.07		0.015	8.4
400	1143	3.65	0.44	0.13	0.60	0.16		0.014	9.0
400	1144	0.98	0.12	0.15	0.27	0.15		0.016	9.7
400	1146	9.73	1.17	0.18	1.23	0.07		0.017	10.5
400	1147	10.74	1.29	0.20	1.68	0.39		0.034	5.9
400	1148	3.49	0.42	0.17	0.58	0.16		0.026	6.8
400	1149	1.84	0.22	0.11	0.36	0.14		0.016	6.8
400	1150	1.53	0.18	0.06	0.22	0.04		0.015	4.2
400	1151	1.10	0.13	0.15	0.26	0.13		0.015	10.1
400	1152	2.11	0.25	0.25	0.61	0.36		0.039	6.4
400	1153	0.84	0.10	0.19	0.46	0.36		0.026	7.5
400	1154	9.43	1.13	0.09	1.31	0.18		0.011	8.5
400	1155	19.47	2.34	0.24	2.63	0.29		0.038	6.3
400	1156	15.11	1.81	0.12	2.06	0.25		0.020	6.2
400	1157	20.60	2.47	0.19	2.61	0.14		0.024	7.9
400	1158	21.64	2.60	0.19	2.42	-0.17		0.025	7.5
400	1160	12.57	1.51	0.28	1.87	0.36		0.028	10.3
400	1161	9.58	1.15	0.14	1.30	0.15		0.020	7.1
400	1162	14.83	1.71	0.15	1.78	0.07		0.027	5.6
400	1163	4.65	0.56	0.17	0.73	0.17		0.024	7.0
400	1164	4.94	0.59	0.25	0.90	0.31		0.033	7.6
400	1165	9.61	1.15	0.09	1.07	-0.08		0.016	5.9
400	1166 A	4.62	0.55	0.21	1.05	0.50		0.035	5.9
400	1166 B	3.30	0.40	0.19	0.61	0.22		0.035	5.5
400	1167	3.63	0.44	0.24	0.62	0.18		0.035	6.9
400	1168	2.18	0.26	0.20	0.43	0.17		0.036	5.4
400	1169	2.89	0.35	0.19	0.65	0.31		0.032	6.1
400	1170	4.13	0.50	0.38	1.06	0.56		0.096	4.0
400	1171	1.50	0.18	0.24	0.74	0.56		0.094	2.5
400	1172 A	2.27	0.27	0.53	0.41	0.14		0.045	11.8
400	1172 B	0.86	0.10	0.20	0.00	0.00		0.038	5.3
400	1173	3.32	0.40	0.26	0.56	0.16		0.045	5.8
400	1174	68.27	8.19	0.21	0.00	0.00		0.042	5.0
400	1175	4.93	0.59	0.17	0.77	0.18		0.063	2.8
400	1176	20.92	2.51	0.35	7.46	4.95		0.064	5.5
400	1177	2.67	0.32	0.32	0.61	0.29		0.047	6.8
400	1178	12.94	1.55	0.23	1.77	0.22		0.021	10.9
400	1179	4.81	0.58	0.37	1.06	0.49		0.055	6.8
400	1180	2.07	0.25	0.38	0.67	0.42		0.071	5.4
400	1181	1.30	0.16	0.56	1.03	0.87		0.113	5.0
400	1182	6.70	0.80	0.47	1.56	0.75		0.101	4.6
400	1184	2.08	0.25	0.10	0.26	0.01		0.005	19.1
400	1185	74.62	8.95	0.14	9.49	0.53		0.038	3.7
400	1186 A	2.31	0.28	0.55	0.95	0.68		0.079	7.0
400	1186 B	0.97	0.12	0.46	1.02	0.90		0.067	6.8
400	1188	1.95	0.23	1.70	2.18	1.95		0.252	6.7
400	1189	1.28	0.15	1.72	2.24	2.08		0.264	6.5
400	1191	1.88	0.23	1.48	1.96	1.74		0.235	6.3
400	1192 A	1.94	0.23	0.80	1.12	0.89		0.122	6.6
400	1192 B	2.26	0.27	0.49	0.80	0.53		0.067	7.4
400	1193 A	1.12	0.13	1.17	1.39	1.26		0.142	8.3
400	1193 B	0.85	0.10	0.54	0.87	0.77		0.049	10.9
400	1194	2.10	0.25	1.66	2.01	1.76		0.151	11.0
400	1195 A	0.96	0.12	0.76	1.07	0.96		0.101	7.5
400	1195 B	2.17	0.26	1.14	1.57	1.31		0.136	8.4
400	1196	0.73	0.09	0.10	0.02	-0.07		0.009	10.4

CODE #	STATION #		CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1198		0.77	0.09	0.16	0.43	0.34		0.029	5.6
400	1199		0.61	0.07	0.92	0.94	0.87		0.109	8.4
400	1200		0.32	0.04	0.20	0.43	0.39		0.025	8.2
400	1202		0.63	0.08	1.71	2.04	1.96		0.256	6.7
400	1203		0.28	0.03	0.54	0.67	0.63		0.067	8.1
400	1204		0.59	0.07	0.40	0.47	0.40		0.072	5.6
400	1205		0.62	0.07	1.49	2.06	1.99		0.228	6.5
400	1206		0.36	0.04	0.61	0.74	0.70		0.065	9.4
400	1207		0.65	0.08	0.12	0.14	0.07		0.023	5.3
400	1208		0.80	0.10	0.19	0.44	0.35		0.021	8.9
400	1209		3.76	0.45	0.07	0.61	0.16		0.005	12.3
400	1210		1.02	0.12	0.24	0.21	0.09		0.023	10.5
400	1211		0.72	0.09	0.03	0.10	0.01		0.003	10.1
400	1212		0.82	0.10	0.44	0.45	0.35		0.053	8.4
400	1213		0.99	0.12	0.40	0.60	0.48		0.068	5.9
400	1214	A	0.81	0.10	0.45	0.57	0.48		0.043	10.6
400	1214	B	1.38	0.17	0.37	0.47	0.30		0.036	10.2
400	1214	C	2.57	0.31	0.53	0.77	0.46		0.036	14.8
400	1216		3.22	0.39	0.08	0.32	-0.07		0.007	11.0
400	1217		1.15	0.14	0.04	0.07	-0.07		0.005	8.4
400	1219		2.11	0.25	0.08	0.18	-0.08		0.002	32.1
400	1220		18.50	2.22	0.05	1.94	-0.28		0.005	9.0
400	1221		1.70	0.20	0.09	0.39	0.19		0.016	5.8
400	1222		2.79	0.34	0.05	0.19	-0.14		0.002	33.0
400	1224		2.66	0.32	0.30	0.64	0.32		0.034	8.9
400	1226		2.72	0.33	0.25	0.51	0.19		0.029	8.9
400	1227		2.77	0.33	0.26	0.52	0.19		0.030	8.8
400	1228		4.57	0.55	0.11	0.63	0.09		0.015	7.1
400	1229		12.93	1.55	0.25	1.88	0.33		0.052	4.7
400	1230		1.11	0.13	0.24	0.32	0.18		0.024	9.8
400	1231		0.86	0.10	0.35	0.51	0.40		0.040	8.7
400	1232		1.94	0.23	0.44	0.77	0.54		0.055	8.1
400	1233		5.94	0.71	0.41	1.03	0.32		0.049	8.3
400	1234		1.86	0.22	1.18	1.62	1.40		0.181	6.5
400	1235		1.59	0.19	0.74	1.01	0.82		0.112	6.6
400	1236		1.35	0.16	0.20	0.35	0.19		0.029	7.0
400	1237		30.23	3.63	0.19	3.73	0.11		0.031	6.1
400	1238		3.34	0.40	0.14	0.33	-0.07		0.009	14.7
400	1239	A	13.39	1.61	0.13	0.97	-0.64		0.013	9.9
400	1239	B	10.98	1.32	0.21	1.97	0.65		0.027	7.7
400	1240		22.24	2.67	0.19	1.49	-1.17		0.030	6.2
400	1241		25.48	3.06	0.13	3.22	0.16		0.018	7.3
400	1242		0.70	0.08	0.38	0.72	0.64		0.060	6.4
400	1243		0.98	0.12	0.45 *	1.72	1.60		0.159	2.9
400	1245		14.05	1.69	0.24	1.24	-0.44		0.005	47.5
400	1246		0.70	0.08	0.31	0.74	0.65		0.031	10.0
400	1248		4.64	0.56	0.47	0.91	0.35		0.040	11.6
400	1249		7.91	0.95	0.57	1.66	0.71		0.097	5.9
400	1250		11.13	1.34	0.63	2.05	0.71		0.092	6.9
400	1251		9.10	1.09	0.65	1.50	0.41		0.084	7.7
400	1252		7.62	0.91	0.90	1.83	0.91		0.111	8.1
400	1253	A	6.49	0.78	0.30	1.25	0.00		0.038	7.9
400	1253	B	7.45	0.89	0.54	1.38	0.48		0.047	11.4
400	1255	A	14.32	1.72	0.70	2.33	0.62		0.109	6.4
400	1255	B	11.75	1.41	0.72	2.30	0.89		0.091	8.0
400	1256		0.34	0.04	0.11	0.35	0.31		0.019	6.0
400	1257		0.78	0.09	0.09	0.32	0.22		0.009	9.4
400	1258		1.15	0.14	0.18	0.49	0.35		0.020	8.8
400	1259		2.92	0.35	0.21	0.57	0.22		0.019	11.0
400	1261		8.62	1.03	0.72	1.89	0.86		0.094	7.7
400	1262		6.69	0.80	0.76	1.76	0.95		0.069	11.0
400	1263		14.02	1.68	0.67	2.62	0.94		0.093	7.3
400	1264		6.62	0.79	0.45	1.53	0.74		0.109	4.1
400	1265		5.18	0.62	0.70	1.82	1.20		0.056	12.6
400	1268		8.02	0.96	0.78	2.01	1.04		0.098	8.0
400	1269		8.87	1.06	0.73	1.99	0.92		0.082	8.9
400	1270		8.23	0.99	0.55	1.54	0.55		0.052	10.5
400	1270	B	3.20	0.38	0.56	0.00	0.00		0.046	12.3
400	1271		6.78	0.81	0.47	1.26	0.45		0.059	8.0
400	1272		5.27	0.63	0.58	1.16	0.83		0.058	10.0
400	1273		2.46	0.29	0.27	0.64	0.34		0.027	10.2
400	1275		1.21	0.14	0.16	0.31	0.16		0.014	11.8
400	1276		1.07	0.13	0.16	0.42	0.29		0.015	10.4
400	1277		1.41	0.17	0.19	0.39	0.22		0.024	8.1
400	1278		1.04	0.13	0.21	0.00	0.00		0.027	7.9
400	1279		1.26	0.15	0.10	0.25	0.10		0.010	9.5
400	1280		1.38	0.17	0.24	0.46	0.29		0.029	8.1
400	1281	A	2.15	0.26	0.15	0.58	0.32		0.000	0.2
400	1281	B	2.29	0.28	0.51	0.87	0.60		0.074	6.9
400	1282		2.26	0.27	0.25	0.64	0.37		0.030	8.3
400	1283		0.44	0.05	0.12	0.22	0.17		0.012	10.4
400	1284		3.06	0.37	0.30	0.57	0.20		0.000	0.3
400	1285		6.62	0.79	0.12	1.01	0.21		0.025	4.6
400	1286		1.53	0.18	0.10	0.38	0.20		0.007	14.7
400	1287		1.75	0.21	0.08	0.43	0.22		0.000	0.1
400	1288	A	1.67	0.20	0.24	0.35	0.15		0.027	8.7
400	1288	B	1.50	0.18	1.02	1.35	1.17		0.067	15.2
400	1289		0.80	0.10	0.14	0.33	0.23		0.012	11.3
400	1290		1.58	0.19	0.11	0.31	0.12		0.008	14.2
400	1291		2.24	0.27	0.14	0.44	0.17		0.008	17.6

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1292	3.78	0.45	0.13	0.58	0.13		0.007	17.5
400	1293	7.27	0.87	0.22	1.05	0.18		0.000	0.2
400	1294	4.98	0.60	0.47	1.07	0.47		0.042	11.2
400	1295	1.78	0.21	0.16	0.34	0.17		0.014	12.1
400	1296	0.98	0.12	0.30	0.38	0.26		0.027	10.8
400	1297	5.04	0.61	0.15	0.79	0.18		0.010	14.6
400	1298	1.21	0.15	0.08	0.25	0.00		0.007	10.9
400	1299	6.92	0.83	0.18	0.97	0.14		0.023	7.7
400	1300	1.39	0.17	0.12	0.37	0.20		0.000	0.1
400	1301	1.68	0.20	0.10	0.37	0.16		0.000	0.1
400	1302	1.47	0.18	0.11	0.30	0.12		0.016	6.9
400	1303	2.33	0.28	0.09	0.30	0.02		0.000	0.1
400	1304	1.63	0.20	0.08	0.29	0.10		0.008	9.8
400	1305	2.24	0.27	0.46	0.76	0.50		0.055	8.4
400	1306	2.52	0.30	0.09	0.39	0.08		0.011	7.6
400	1307	1.04	0.13	0.07	0.26	0.14		0.008	9.6
400	1308	2.64	0.32	0.20	0.57	0.26		0.023	8.8
400	1309	2.11	0.25	0.36	0.67	0.41		0.046	7.9
400	1310	1.69	0.20	0.07	0.37	0.17		0.008	9.4
400	1311	6.35	0.76	0.12	0.84	0.08		0.010	12.2
400	1312 A	1.30	0.16	0.16	0.39	0.24		0.017	9.4
400	1312 B	2.00	0.24	0.30	0.54	0.30		0.029	10.5
400	1313	0.94	0.11	0.05	0.22	0.11		0.005	11.2
400	1314	8.24	0.99	0.12	0.98	0.00		0.005	21.9
400	1315	2.05	0.25	0.09	0.40	0.15		0.006	14.9
400	1316	1.40	0.17	0.12	0.24	0.07		0.007	15.8
400	1317	2.05	0.25	0.12	0.25	0.00		0.007	16.6
400	1318	2.81	0.34	0.17	0.29	-0.05		0.005	37.4
400	1319	1.55	0.19	0.21	0.36	0.18		0.025	8.5
400	1320	2.45	0.29	0.15	0.39	0.09		0.010	14.7
400	1321	1.06	0.13	0.20	0.25	0.12		0.010	19.6
400	1322	2.84	0.34	0.31	0.68	0.34		0.041	7.5
400	1323	15.05	1.81	0.60	2.34	0.53		0.072	8.2
400	1324 A	13.22	1.59	0.55	1.95	0.36		0.061	8.9
400	1325	5.21	0.63	0.45	1.08	0.46		0.046	9.8
400	1326	7.89	0.95	0.87	1.82	0.87		0.099	8.8
400	1327	11.08	1.33	1.72	3.21	1.88		0.234	7.4
400	1328	11.74	1.41	1.67	3.42	2.01		0.243	6.9
400	1329 A	14.05	1.69	0.68	2.26	0.57		0.060	11.4
400	1329 B	9.85	1.18	0.51	1.53	0.35		0.020	25.7
400	1330	17.93	2.15	1.08	3.34	1.19		0.185	5.8
400	1332	21.63	2.60	0.94	3.23	0.63		0.132	7.1
400	1333	17.91	2.15	1.08	3.25	1.10		0.137	7.9
400	1334	12.01	1.44	1.17	2.75	1.31		0.137	8.6
400	1335	9.90	1.19	0.68	1.86	0.67		0.078	8.7
400	1336	7.10	0.85	0.13	0.96	0.11		0.009	14.1
400	1337	3.25	0.39	0.12	0.36	-0.03		0.013	9.1
400	1338	1.23	0.15	0.11	0.18	0.04		0.010	10.4
400	1339	5.50	0.66	0.17	0.29	-0.37		0.020	8.9
400	1340	4.54	0.54	0.14	0.21	-0.34		0.016	8.9
400	1341	1.67	0.20	0.10	0.19	-0.01		0.008	12.4
400	1342	4.39	0.53	0.35	0.39	-0.14		0.032	11.1
400	1343	0.84	0.10	0.08	0.14	0.04		0.009	9.1
400	1344	3.41	0.41	0.02	0.16	-0.25		0.007	2.8
400	1345	2.23	0.27	0.04	0.10	-0.17		0.009	4.8
400	1346	2.25	0.27	0.35	0.52	0.25		0.049	7.2
400	1347	1.31	0.16	0.12	0.17	0.01		0.009	12.3
400	1348	1.31	0.16	0.08	0.17	0.02		0.010	7.9
400	1349	1.39	0.17	0.07	0.11	-0.06		0.007	9.4
400	1350	1.26	0.15	0.10	0.24	0.08		0.013	7.7
400	1351	0.80	0.10	0.08	0.17	0.08		0.009	8.4
400	1352	2.14	0.26	0.09	0.12	-0.13		0.005	16.8
400	1353	2.12	0.25	0.04	0.19	-0.06		0.007	6.2
400	1354	2.20	0.26	0.12	0.17	-0.09		0.010	12.2
400	1355 A	4.10	0.49	0.28	0.77	0.28		0.032	9.0
400	1355 B	12.05	1.45	0.44	2.12	0.68		0.038	11.5
400	1356	4.14	0.50	0.15	0.30	-0.19		0.009	17.1
400	1357	12.77	1.53	1.00	2.36	0.83		0.119	8.4
400	1358	6.61	0.79	0.41	1.13	0.33		0.048	8.7
400	1359	4.32	0.52	0.22	0.66	0.14		0.024	9.2
400	1360 A	5.48	0.66	0.25	0.78	0.12		0.029	8.8
400	1360 B	15.80	1.90	0.29	1.89	0.00		0.043	6.8
400	1361	1.56	0.19	0.10	0.18	-0.01		0.008	11.3
400	1362	1.23	0.15	0.09	0.20	0.05		0.012	7.7
400	1363	2.32	0.28	0.09	0.25	-0.03		0.013	6.9
400	1364	0.85	0.10	0.08	0.10	0.00		0.005	14.2
400	1365	1.46	0.18	0.09	0.16	-0.02		0.006	14.8
400	1366	3.74	0.45	0.09	0.54	0.09		0.009	9.8
400	1367	5.86	0.70	0.46	1.07	0.37		0.048	9.6
400	1368 A	13.95	1.67	0.81	2.49	0.82		0.084	9.6
400	1368 B	20.99	2.52	0.59	3.02	0.50		0.060	9.9
400	1369 A	6.39	0.77	0.20	0.79	0.02		0.018	10.8
400	1369 B	18.77	2.25	0.58	2.74	0.49		0.036	16.2
400	1371	6.88	0.83	0.45	1.20	0.38		0.047	9.7
400	1372	4.30	0.52	0.23	0.77	0.25		0.034	6.9
400	1373	4.53	0.54	0.05	0.55	0.00		0.008	5.7
400	1374	1.05	0.13	0.15	0.34	0.21		0.020	7.8
400	1375	0.70	0.08	0.05	0.23	0.15		0.008	5.9
400	1376	1.12	0.13	0.09	0.10	-0.04		0.018	5.1
400	1377	1.01	0.12	0.06	0.03	-0.09		0.005	12.8

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1378	0.67	0.08	0.05	0.06	-0.02		0.011	4.8
400	1379	1.10	0.13	0.05	0.05	-0.08		0.008	5.6
400	1380	0.87	0.10	0.07	0.23	0.12		0.014	4.9
400	1381	1.37	0.16	0.09	0.19	0.03		0.007	12.3
400	1382 A	0.75	0.09	0.08	0.29	0.20		0.010	7.7
400	1382 B	1.60	0.19	0.88	1.18	0.99		0.099	8.9
400	1383	1.07	0.13	0.89	1.21	1.09		0.095	9.4
400	1384	0.72	0.09	0.18	0.31	0.23		0.025	7.1
400	1385	1.10	0.13	0.40	0.51	0.38		0.024	16.5
400	1386	0.95	0.11	0.14	0.24	0.13		0.017	8.3
400	1387	0.90	0.11	0.04	0.28	0.17		0.008	4.9
400	1388	1.68	0.20	0.08	0.26	0.06		0.011	7.8
400	1389	1.10	0.13	0.06	0.26	0.12		0.010	6.3
400	1390	1.04	0.13	0.15	0.31	0.18		0.020	7.3
400	1391	1.47	0.18	0.09	0.15	-0.03		0.007	13.1
400	1392	1.39	0.17	0.08	0.96	0.79		0.009	8.9
400	1393	0.86	0.10	0.16	0.26	0.16		0.017	9.5
400	1394	0.88	0.11	0.17	0.28	0.18		0.005	34.2
400	1395	1.65	0.20	0.10	0.20	0.00		0.006	16.4
400	1396	0.72	0.09	0.16	0.25	0.17		0.014	11.6
400	1397	0.73	0.09	0.09	0.24	0.15		0.008	10.9
400	1398	2.11	0.25	0.12	0.39	0.14		0.010	11.4
400	1399	0.83	0.10	0.09	0.23	0.13		0.010	8.5
400	1400	1.47	0.18	0.33	0.49	0.31		0.038	8.6
400	1404	91.12	10.93	0.29	10.71	-0.22		0.051	5.8
400	1405	90.56	10.87	0.32	10.55	-0.32		0.066	4.9
400	1407	1.68	0.20	0.14	0.31	0.11		0.013	11.4
400	1408	0.49	0.06	0.11	0.10	0.04		0.017	6.8
400	1409	0.77	0.09	0.33	0.27	0.00		0.044	7.6
400	1410	0.10	0.01	0.11	0.13	0.12		0.008	15.2
400	1411	1.69	0.20	0.12	0.23	0.03		0.012	9.9
400	1412	1.63	0.20	0.11	0.37	0.17		0.015	7.0
400	1414 20	0.31	0.04	2.14	2.58	2.54		0.253	8.5
400	1414 7	0.27	0.03	2.23	2.91	2.88		0.303	7.4
400	1415	1.80	0.22	0.13	0.36	0.14		0.012	11.3
400	1416	1.53	0.18	0.10	0.30	0.11		0.011	8.7
400	1417	0.54	0.06	0.04	0.04	-0.02		0.005	8.9
400	1418	0.28	0.03	0.06	0.10	0.06		0.012	5.5
400	1419	1.12	0.13	0.19	0.27	0.14		0.018	10.6
400	1420	2.15	0.26	0.25	0.39	0.14		0.016	15.0
400	1421	2.32	0.28	0.07	0.30	0.02		0.004	17.1
400	1422	1.41	0.17	0.04	0.17	0.00		0.004	9.6
400	1423	1.38	0.17	0.06	0.25	0.09		0.009	6.6
400	1424	0.88	0.11	0.18	0.33	0.23		0.035	5.0
400	1425	2.14	0.26	0.04	0.32	0.07		0.007	6.1
400	1426	1.03	0.12	0.05	0.13	0.01		0.009	5.3
400	1427	1.67	0.20	0.01 •	0.20	0.00		0.011	0.6
400	1428 A	1.50	0.18	0.07	0.12	-0.06		0.008	9.0
400	1429	0.81	0.10	0.07	0.05	-0.05		0.010	6.8
400	1430	0.81	0.10	0.09	0.18	0.08		0.016	5.5
400	1431	0.82	0.10	0.05	0.14	0.05		0.011	5.1
400	1432	2.73	0.33	0.12	0.43	0.11		0.022	5.5
400	1433	2.18	0.26	0.20	0.40	0.14		0.015	13.6
400	1434	2.45	0.29	0.08	0.35	0.05		0.011	7.6
400	1435	6.81	0.82	0.04	0.86	0.04		0.000	0.0
400	1436	3.08	0.37	0.06	0.35	-0.02		0.006	10.5
400	1437	38.57	4.63	0.16	4.75	0.12		0.022	7.1
400	1438	3.52	0.42	0.07	0.52	0.10		0.017	4.1
400	1439	3.49	0.42	0.04	0.32	-0.10		0.016	2.4
400	1440	5.42	0.65	0.05	0.60	-0.05		0.006	7.9
400	1441 A	2.88	0.35	0.08	0.32	-0.03		0.006	12.9
400	1442	2.87	0.34	0.08	0.34	0.00		0.010	8.1
400	1443 A	14.16	1.70	0.12	1.80	0.10		0.017	7.4
400	1443 B	8.23	0.99	1.83	3.19	2.20		0.247	7.4
400	1444	41.97	5.04	0.10	5.48	0.44		0.009	10.6
400	1445	55.60	6.67	0.04	6.77	0.10		0.012	3.5
400	1446	42.14	5.06	0.14	5.09	0.04		0.011	12.7
400	1447	15.44	1.85	0.09	1.86	0.00		0.009	9.3
400	1448	11.43	1.37	0.11	1.57	0.20		0.015	7.3
400	1449	15.32	1.84	0.13	1.94	0.10		0.014	9.1
400	1450	6.73	0.81	0.07	0.88	0.08		0.012	5.8
400	1451	22.52	2.70	0.05	2.87	0.16		0.012	4.1
400	1452	15.40	1.85	0.04	1.87	0.02		0.009	4.9
400	1453	7.43	0.89	0.09	1.04	0.15		0.011	7.9
400	1454	11.75	1.41	0.03	1.39	-0.02		0.007	3.7
400	1455	6.99	0.84	0.07	0.87	0.03		0.011	6.0
400	1456	16.80	2.02	0.07	2.00	-0.01		0.008	8.7
400	1457	39.27	4.71	0.09	4.70	-0.01		0.012	7.7
400	1458	32.06	3.85	0.09	3.93	0.09		0.012	8.0
400	1459	27.09	3.25	0.14	3.30	0.05		0.008	17.7
400	1460	7.30	0.88	0.08	0.96	0.08		0.008	10.0
400	1461	5.97	0.72	0.04	0.72	0.00		0.008	4.9
400	1462	8.19	0.98	0.09	0.94	-0.04		0.011	7.8
400	1463	5.27	0.63	0.09	0.74	0.10		0.018	5.4
400	1464	2.88	0.35	0.10	0.41	0.06		0.015	6.8
400	1465 A	1.87	0.22	0.06	0.21	-0.01		0.008	8.1
400	1465 B	4.77	0.57	0.31	0.71	0.14		0.031	10.2
400	1466	1.57	0.19	0.08	0.22	0.03		0.020	4.1
400	1467	12.55	1.51	0.08	1.53	0.03		0.011	7.1
400	1468	1.86	0.22	0.04	0.31	0.09		0.006	7.5

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1469	5.70	0.68	0.03		0.74	0.05		0.006	5.0
400	1470	5.99	0.72	0.19		0.92	0.20		0.031	6.1
400	1471	1.68	0.20	0.13		0.22	0.01		0.008	16.8
400	1472	2.40	0.29	0.06		0.25	-0.04		0.008	8.3
400	1473	2.59	0.31	0.05		0.38	0.06		0.008	6.6
400	1474	12.58	1.51	0.14		1.53	0.02		0.011	12.6
400	1475	17.39	2.09	0.02		2.20	0.11		0.010	2.3
400	1476	4.71	0.57	0.0				0.60	0.004	7.1
400	1477	10.87	1.30	0.0				1.33	0.005	5.2
400	1478	19.45	2.33	0.0	*			2.38	0.013	3.2
400	1479	11.62	1.39	0.0				1.41	0.000	3.2
400	1480	10.52	1.26	0.0				1.31	0.007	7.1
400	1481	36.66	4.40	0.0				4.45	0.016	3.1
400	1482	25.81	3.10	0.0				3.15	0.008	6.4
400	1483	10.24	1.23	0.0				1.26	0.008	4.2
400	1484	33.48	4.02	0.0				4.05	0.011	3.5
400	1485	18.11	2.17	0.0				2.22	0.009	4.9
400	1486 A	12.41	1.49	0.0				1.56	0.011	6.1
400	1486 B	8.27	0.99	0.7				1.78	0.051	15.3
400	1487	17.20	2.06	0.0	*			2.09	0.009	3.2
400	1488 A	7.26	0.87	0.0				0.93	0.005	10.2
400	1488 B	3.88	0.47	0.6				1.11	0.028	22.7
400	1489	5.69	0.68	0.0				0.73	0.008	5.7
400	1490	9.48	1.14	0.0				1.18	0.020	2.2
400	1491	10.22	1.23	0.0				1.26	0.007	4.7
400	1492	5.01	0.60	0.0				0.64	0.006	6.3
400	1493	2.05	0.25	0.0				0.28	0.005	6.4
400	1494	2.39	0.29	0.0				0.33	0.012	3.6
400	1495	10.20	1.22	0.0				1.26	0.007	4.9
400	1496	3.42	0.41	0.0				0.48	0.011	6.8
400	1497	5.34	0.64	0.0				0.68	0.006	5.5
400	1498	6.93	0.83	0.0				0.87	0.010	4.0
400	1499	6.25	0.75	0.0				0.79	0.009	4.7
400	1500	11.41	1.37	0.0				1.41	0.008	5.4
400	1501	18.09	2.17	0.0				2.24	0.009	7.4
400	1502	24.83	2.98	0.0				3.02	0.009	4.4
400	1503 A	8.59	1.03	0.2				1.24	0.029	7.1
400	1503 B	16.83	2.02	2.1				4.20	0.331	6.6
400	1504	13.50	1.62	0.0				1.69	0.013	5.2
400	1505	35.90	4.31	0.0				4.35	0.012	3.2
400	1506	49.89	5.99	0.0				6.04	0.019	2.7
400	1507	24.65	2.96	0.0	*			3.00	0.037	1.1
400	1508 A	12.11	1.45	0.0				1.53	0.014	5.5
400	1508 B	15.21	1.83	0.5				2.41	0.083	7.0
400	1509 A	3.84	0.46	0.0				0.54	0.016	5.1
400	1509 B	4.81	0.58	0.5				1.10	0.071	7.3
400	1510	38.54	4.62	0.0				4.66	0.019	1.6
400	1511	39.11	4.69	0.0				4.75	0.019	2.9
400	1512	37.33	4.48	0.0				4.53	0.007	7.1
400	1513	11.10	1.33	0.0				1.36	0.017	1.9
400	1514 A	17.74	2.13	0.1				2.24	0.028	3.8
400	1515	8.87	1.06	0.8				1.92	0.121	7.1
400	1516	8.51	1.02	1.1				2.20	0.174	6.8
400	1517	9.40	1.13	0.0				1.22	0.007	13.7
400	1518	9.44	1.13	1.3				2.44	0.142	9.2
400	1519	5.68	0.68	0.4				1.08	0.029	13.6
400	1520	7.62	0.91	0.6				1.51	0.102	5.9
400	1521	32.24	3.87	0.1	*			4.01	0.027	5.2
400	1522	49.04	5.89	0.0	*			5.92	0.022	1.7
400	1523	68.87	8.26	0.1				8.39	0.037	3.3
400	1524	70.73	8.49	0.0	*			8.54	0.020	2.8
400	1525	51.92	6.23	0.0				6.28	0.016	3.3
400	1526	26.79	3.21	0.1				3.31	0.020	5.0
400	1527	61.68	7.40	0.0				7.47	0.014	4.6
400	1528	68.65	8.24	0.0				8.30	0.018	3.3
400	1529	69.46	8.34	0.0				8.41	0.038	1.9
400	1530	53.41	6.41	0.0				6.42	0.015	1.0
400	1531	54.07	6.49	0.0	*			6.52	0.015	1.9
400	1532	81.42	9.77	0.0	*			9.81	0.019	2.1
400	1533	84.56	10.15	0.2				10.39	0.033	7.4
400	1534	93.16	11.18	0.0				11.26	0.027	2.9
400	1535	87.41	10.49	0.0				10.54	0.030	1.8
400	1536	42.55	5.11	0.0				5.16	0.023	2.2
400	1537 A	10.08	1.21	0.0				1.29	0.023	3.3
400	1537 B	11.06	1.33	0.2				1.58	0.044	5.6
400	1538 A	29.00	3.48	0.0				3.50	0.007	2.5
400	1538 B	20.38	2.45	0.5				2.96	0.118	4.4
400	1539	86.78	10.41	0.0				10.50	0.023	3.9
400	1540	81.40	9.77	0.0	*			9.81	0.023	1.7
400	1541	78.99	9.48	0.1				9.60	0.028	4.3
400	1542	60.87	7.30	0.2				7.57	0.058	4.6
400	1543	81.98	9.84	0.0				9.86	0.021	1.2
400	1544	83.25	9.99	0.0				10.03	0.018	2.0
400	1545 A	74.87	8.98	0.0				9.07	0.014	5.8
400	1546	77.07	9.25	0.0				9.29	0.009	5.1
400	1547	74.15	8.90	0.0				8.93	0.006	4.8
400	1548	81.73	9.81	0.0	*			9.86	0.022	2.5
400	1549	87.71	10.53	0.0				10.60	0.028	2.7
400	1550	69.71	8.37	0.0	*			8.40	0.030	1.2
400	1551	52.03	6.24	0.0				6.30	0.018	2.9

CODE #	STATION #		CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1552		20.56	2.47	0.0				2.48	0.009	1.7
400	1553		57.08	6.85	0.0	*			6.89	0.021	1.9
400	1554		92.05	11.05	0.1				11.19	0.037	3.9
400	1555		78.01	9.36	0.1				9.46	0.043	2.4
400	1556		91.93	11.03	0.0	*			11.11	0.029	2.8
400	1557		93.20	11.18	0.1				11.37	0.040	4.8
400	1558		92.99	11.16	0.1				11.38	0.041	4.0
400	1559		93.05	11.17	0.0				11.28	0.023	2.4
400	1560		78.81	9.46	0.2				9.69	0.035	6.6
400	1561		88.30	10.60	1.2				11.80	0.096	12.5
400	1562		87.72	10.53	0.9				11.49	0.083	11.6
400	1563		87.86	10.54	0.4				10.96	0.038	11.2
400	1564		94.07	11.29	0.0				11.35	0.026	2.4
400	1565		95.82	11.50	0.0				11.56	0.023	2.5
400	1566		93.53	11.22	0.1				11.36	0.037	3.8
400	1567		92.16	11.06	1.0				12.14	0.080	13.8
400	1568		92.13	11.06	0.9				12.01	0.065	14.7
400	1570		93.10	11.17	0.1	*			11.32	0.049	3.0
400	1571		93.28	11.19	0.2				11.42	0.047	4.8
400	1572		92.37	11.08	0.1				11.27	0.046	3.9
400	1573		92.99	11.16	0.1	*			11.30	0.040	3.4
400	1574		91.36	10.96	0.1				11.12	0.050	3.2
400	1575		93.51	11.22	0.1				11.35	0.048	2.7
400	1576		86.90	10.43	0.3				10.79	0.036	10.1
400	1580	A	85.74	10.29	0.2				10.56	0.046	6.0
400	1580	B	86.18	10.34	0.2				10.61	0.045	5.9
400	1581		93.40	11.21	0.1				11.37	0.024	6.6
400	1583	A	91.49	10.98	0.2				11.23	0.029	8.8
400	1583	B	93.92	11.27	0.1				11.37	0.024	4.3
400	1584		90.79	10.89	0.1				11.04	0.025	5.7
400	1585		93.86	11.26	0.0				11.31	0.026	2.0
400	1586	A	84.36	10.12	0.3				10.49	0.070	5.2
400	1586	B	84.78	10.17	0.4				10.60	0.065	6.7
400	1587		93.78	11.25	0.1				11.35	0.021	4.6
400	1588		94.39	11.33	0.1				11.48	0.021	7.6
400	1589		90.44	10.85	0.2				11.08	0.044	5.2
400	1590		90.76	10.89	0.2				11.10	0.032	6.6
400	1591		90.99	10.92	0.2				11.17	0.040	6.3
400	1592		86.28	10.35	0.4				10.82	0.071	6.5
400	1593		91.02	10.92	0.1				11.04	0.022	5.4
400	1594		89.44	10.73	0.1				10.89	0.027	6.0
400	1595		88.36	10.60	0.4				11.00	0.056	7.1
400	1596		88.35	10.60	0.2				10.81	0.017	12.2
400	1597	A	88.48	10.62	0.3				11.01	0.068	5.7
400	1597	B	86.69	10.40	0.3				10.79	0.069	5.6
400	1598		89.73	10.77	0.2				10.97	0.045	4.5
400	1599		87.91	10.55	0.5				11.08	0.075	7.1
400	1600		87.90	10.55	0.2				10.77	0.036	6.1
400	1601	A	77.58	9.31	0.1				9.47	0.027	5.8
400	1601	B	90.44	10.85	0.1				10.97	0.026	4.4
400	1602		91.55	10.99	0.1				11.10	0.044	2.7
400	1603		92.62	11.11	0.0	*			11.21	0.031	3.0
400	1604		92.10	11.05	0.1				11.19	0.021	6.4
400	1605		70.62	8.47	0.1				8.65	0.026	6.9
400	1606		85.81	10.30	0.1				10.47	0.022	7.7
400	1607		86.81	10.42	0.2				10.70	0.035	8.2
400	1608		89.44	10.73	0.2				10.93	0.041	4.9
400	1609		89.52	10.74	0.2				10.97	0.021	11.1
400	1610		76.10	9.13	0.1				9.28	0.029	5.1
400	1611		47.31	5.68	0.1				5.85	0.031	5.5
400	1612		52.87	6.34	0.1				6.47	0.015	8.8
400	1613		77.92	9.35	0.2				9.55	0.046	4.3
400	1614		74.04	8.89	0.3				9.19	0.042	7.2
400	1615		82.75	9.93	0.2				10.22	0.028	10.6
400	1616		84.54	10.14	0.2				10.37	0.029	7.8
400	1617	A	86.44	10.37	0.3				10.67	0.042	7.1
400	1617	B	87.65	10.52	0.2				10.77	0.057	4.4
400	1618		72.04	8.64	0.5				9.19	0.080	6.8
400	1619		54.96	6.59	0.8				7.40	0.116	6.9
400	1620		74.10	8.89	0.1				9.05	0.041	3.8
400	1621		90.26	10.83	0.1				10.98	0.022	7.0
400	1622		64.57	7.75	0.8				8.60	0.118	7.2
400	1623		56.45	6.77	0.9				7.71	0.160	5.8
400	1624	A	52.87	6.34	0.2				6.58	0.045	5.2
400	1624	B	57.63	6.92	0.7				7.71	0.125	6.4
400	1625		39.30	4.72	0.4				5.12	0.049	8.3
400	1626		46.75	5.61	0.6				6.23	0.099	6.2
400	1627		48.36	5.80	0.5				6.31	0.110	4.6
400	1628		81.90	9.83	0.3				10.19	0.064	5.7
400	1629		93.79	11.25	0.1				11.40	0.021	6.9
400	1630		87.75	10.53	0.1				10.65	0.020	5.9
400	1631		75.68	9.08	0.1				9.27	0.047	4.0
400	1632		75.34	9.04	0.6				9.69	0.110	5.9
400	1633		56.93	6.83	1.2				8.05	0.188	6.5
400	1634		57.92	6.95	1.2				8.23	0.192	6.6
400	1635		60.77	7.29	1.3				8.66	0.196	7.0
400	1636		71.50	8.58	0.4				8.98	0.072	5.5
400	1637		57.90	6.95	0.6				7.55	0.099	6.1
400	1638		61.66	7.40	1.0				8.42	0.155	6.6
400	1639		61.71	7.41	1.3				8.75	0.175	7.7

CODE #	STATION #	CaCO3	CARBON OF CaCO3	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1641	92.78	11.13	0.0				11.22	0.022	4.0
400	1642	93.66	11.24	0.0				11.29	0.017	3.2
400	1643	86.51	10.38	0.1				10.52	0.029	5.0
400	1644	84.41	10.13	0.1				10.24	0.025	4.3
400	1645	86.64	10.40	0.2				10.61	0.045	4.6
400	1647	82.98	9.96	0.1				10.06	0.025	4.2
400	1648	85.10	10.21	0.1				10.36	0.028	5.3
400	1649	87.10	10.45	0.2				10.67	0.043	5.0
400	1650	91.94	11.03	0.0				11.13	0.020	4.6
400	1653	88.01	10.56	0.0				10.63	0.018	3.6
400	1654	91.73	11.01	0.0				11.10	0.022	4.0
400	1655	88.69	10.64	0.0				10.72	0.017	4.6
400	1656	88.38	10.61	0.0				10.69	0.024	3.7
400	1657 A	22.79	2.73	0.1				2.91	0.032	5.5
400	1657 B	16.70	2.00	0.0				2.07	0.025	2.6
400	1658	37.97	4.56	0.3				4.88	0.058	5.6
400	1659	12.98	1.56	0.0	*			1.58	0.006	4.1
400	1660	8.31	1.00	0.0				1.01	0.006	2.7
400	1661	6.12	0.73	0.0				0.76	0.006	4.6
400	1662	5.65	0.68	0.0				0.70	0.006	3.8
400	1663	5.63	0.68	0.0				0.69	0.006	2.7
400	1664	3.94	0.47	0.0				0.49	0.006	2.4
400	1665	8.92	1.07	0.0	*			1.10	0.007	3.6
400	1666	5.11	0.61	0.0				0.64	0.007	3.8
400	1667	11.19	1.34	0.0				1.38	0.008	5.3
400	1668	6.42	0.77	0.0				0.79	0.006	3.4
400	1669	12.44	1.49	0.0				0.79	0.007	3.4
400	1670	22.56	2.71	0.0	*			2.74	0.010	3.2
400	1671	7.83	0.94	0.0	*			0.96	0.007	2.5
400	1672	5.24	0.63	0.0				0.65	0.007	2.7
400	1673	22.50	2.70	0.0				2.78	0.022	3.7
400	1674	38.04	4.57	0.0				4.61	0.013	3.6
400	1675	6.00	0.72	0.0				0.76	0.007	6.5
400	1676	6.68	0.80	0.0				0.85	0.005	9.1
400	1677	11.13	1.34	0.0				1.37	0.007	5.0
400	1678	7.49	0.90	0.0				0.93	0.008	3.5
400	1679	5.04	0.60	0.0				0.63	0.006	4.5
400	1680	9.71	1.16	0.0				1.20	0.007	4.3
400	1681	12.67	1.52	0.0				1.55	0.008	3.4
400	1682	11.81	1.42	0.0	*			1.43	0.005	3.4
400	1683	17.82	2.14	0.0				2.18	0.011	3.8
400	1684	21.57	2.59	0.0				2.63	0.009	4.7
400	1685	34.01	4.08	0.0				4.12	0.010	3.8
400	1686	41.75	5.01	0.0				5.04	0.013	2.6
400	1687	45.70	5.48	0.0	*			5.52	0.012	3.0
400	1688	54.36	6.52	0.0				6.56	0.013	2.8
400	1689	24.49	2.94	0.0				2.99	0.013	4.1
400	1690	53.26	6.39	0.0				6.43	0.013	2.8
400	1691	36.35	4.36	0.0				4.45	0.017	5.1
400	1692	41.57	4.99	0.0	*			5.03	0.012	3.6
400	1693	53.63	6.44	0.0				6.47	0.017	1.9
400	1694	54.68	6.56	0.0				6.61	0.014	3.6
400	1695	75.39	9.05	0.0	*			9.11	0.018	3.7
400	1696	69.94	8.39	0.0				8.48	0.024	3.5
400	1697	38.89	4.67	0.0	*			4.71	0.010	3.9
400	1698	21.43	2.57	0.0				2.60	0.007	4.0
400	1699	22.88	2.75	0.0				2.78	0.007	4.3
400	1700	11.55	1.39	0.0				1.42	0.006	4.7
400	1701	9.69	1.16	0.0				1.18	0.007	2.5
400	1702	7.82	0.94	0.0	*			0.95	0.007	2.1
400	1703	12.62	1.51	0.0				1.56	0.005	8.6
400	1704	6.52	0.78	0.0				0.80	0.006	3.0
400	1705	3.56	0.43	0.0	*			0.44	0.004	2.3
400	1706	7.10	0.85	0.0				0.87	0.005	2.8
400	1707	4.34	0.52	0.0				0.53	0.005	3.0
400	1708	5.56	0.67	0.0	*			0.68	0.005	3.3
400	1709	18.97	2.28	0.0				2.31	0.011	3.1
400	1710	38.51	4.62	0.0				4.66	0.013	2.8
400	1711	42.04	5.04	0.0	*			5.08	0.011	3.1
400	1712	57.10	6.85	0.0				6.91	0.015	3.8
400	1713	58.89	7.07	0.0				7.13	0.022	2.8
400	1714	57.08	6.85	0.0				6.93	0.021	4.0
400	1715	77.67	9.32	0.1				9.43	0.031	3.6
400	1716	85.39	10.25	0.1	*			10.44	0.044	4.4
400	1717	85.99	10.32	0.1				10.47	0.035	4.3
400	1718	66.63	8.00	0.2	*			8.24	0.057	4.3
400	1719	63.14	7.58	0.1				7.75	0.039	4.5
400	1720	88.13	10.58	0.1				10.77	0.043	4.5
400	1721	57.80	6.94	0.6				7.57	0.106	6.0
400	1722	58.80	7.06	1.1				8.22	0.190	6.1
400	1723	67.14	8.06	0.7				8.81	0.137	5.5
400	1724	68.66	8.24	0.4				8.67	0.091	4.8
400	1725	70.69	8.48	0.8				9.33	0.119	7.1
400	1726	77.88	9.35	0.5				9.92	0.093	6.2
400	1727	76.09	9.13	0.4				9.60	0.073	6.5
400	1728	78.33	9.40	0.3				9.75	0.066	5.3
400	1729	75.96	9.12	0.2				9.31	0.039	5.1
400	1730 A	56.12	6.73	0.2				6.97	0.051	4.6
400	1730 B	37.77	4.53	0.1				4.66	0.029	4.5
400	1731	85.82	10.30	0.0				10.38	0.023	3.6

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1732	78.12	9.37	0.1			9.52	0.032	4.6
400	1733	88.12	10.57	0.1			10.72	0.035	4.1
400	1734	83.33	10.00	0.1			10.14	0.029	4.8
400	1735	65.03	7.80	0.1			7.94	0.024	5.8
400	1736	52.59	6.31	0.3			6.62	0.048	6.4
400	1737	45.82	5.50	0.2			5.75	0.047	5.2
400	1738	66.33	7.96	0.1			8.06	0.024	4.1
400	1739	86.08	10.33	0.1			10.43	0.028	3.7
400	1741	93.70	11.24	0.0			11.27	0.014	2.0
400	1742	93.81	11.26	0.0			11.32	0.018	3.4
400	1743	94.11	11.29	0.0			11.36	0.021	3.3
400	1744	88.62	10.63	0.1			10.80	0.031	5.4
400	1745	73.55	8.83	0.2			9.06	0.042	5.5
400	1746	22.01	2.64	0.1			2.80	0.031	5.2
400	1747	29.30	3.52	0.1			3.65	0.041	3.2
400	1748	94.63	11.36	0.1			11.46	0.017	5.7
400	1749	94.26	11.31	0.1			11.41	0.024	4.0
400	1750	45.46	5.46	0.3			5.79	0.061	5.4
400	1751	9.10	1.09	0.0 *			1.11	0.008	2.3
400	1752	35.66	4.28	0.0			4.36	0.016	5.0
400	1753	70.65	8.48	0.5			9.03	0.096	5.7
400	1754	5.71	0.68	0.0			0.71	0.004	5.8
400	1755	5.13	0.62	0.0 *			0.62	0.004	2.0
400	1756	69.50	8.34	0.2			8.54	0.042	4.8
400	1757	9.16	1.10	0.0			1.11	0.006	2.7
400	1758	7.14	0.86	0.0			0.88	0.005	4.7
400	1759	7.43	0.89	0.0			0.91	0.005	4.5
400	1760	14.84	1.78	0.0			1.82	0.009	4.4
400	1761	19.21	2.31	0.0 *			2.34	0.010	3.4
400	1762	59.86	7.18	0.2 *			7.39	0.045	4.6
400	1763	65.53	7.86	0.7			8.63	0.180	4.3
400	1764	91.39	10.97	0.0			11.04	0.022	3.3
400	1765	93.07	11.17	0.0 *			11.25	0.025	3.3
400	1766	94.90	11.39	0.0			11.47	0.019	4.4
400	1767	93.89	11.27	0.0 *			11.34	0.023	3.2
400	1768	90.89	10.91	0.0			10.98	0.023	3.0
400	1770	84.41	10.13	0.2			10.39	0.048	5.3
400	1771	65.80	7.90	0.7			8.60	0.107	6.6
400	1772	82.54	9.90	0.1			10.09	0.038	4.9
400	1773	45.64	5.48	0.6			6.15	0.125	5.4
400	1774	41.30	4.96	0.0			5.04	0.024	3.5
400	1775	22.07	2.65	0.0			2.69	0.011	4.0
400	1776	10.96	1.31	0.0			1.35	0.006	5.6
400	1777	7.78	0.93	0.0			0.95	0.004	3.4
400	1778	9.94	1.19	0.0			1.21	0.009	2.2
400	1779	10.12	1.21	0.0			1.24	0.006	3.9
400	1780	7.94	0.95	0.0			0.98	0.006	3.6
400	1781	16.61	1.99	0.21 *				0.011	18.8
400	1782	58.70	7.04	0.32				0.025	12.5
400	1783	52.95	6.35	0.50				0.058	8.5
400	1784	51.59	6.19	0.44				0.040	10.8
400	1785	59.78	7.17	0.46				0.037	12.3
400	1786	61.70	7.40	0.32				0.026	12.5
400	1787	16.17	1.94	0.18				0.007	24.9
400	1788	7.66	0.92	0.18				0.006	31.7
400	1789	9.44	1.13	0.11				0.006	19.2
400	1790	11.30	1.36	0.16				0.008	20.3
400	1791	7.20	0.86	0.21 *				0.008	25.0
400	1792	2.62	0.31	0.16				0.007	25.0
400	1793	10.26	1.23	0.15				0.006	25.5
400	1794	55.71	6.69	0.27				0.016	16.3
400	1795	33.20	3.98	0.34				0.030	11.3
400	1796	42.30	5.08	0.47				0.034	13.9
400	1798	44.45	5.33	0.47				0.030	15.8
400	1799	35.63	4.28	0.41				0.031	13.1
400	1800	33.30	4.00	0.48				0.046	10.4
400	1801	34.56	4.15	0.42				0.034	12.8
400	1802	10.86	1.30	0.17 *				0.006	27.2
400	1803	24.25	2.91	0.15				0.010	15.7
400	1804	19.34	2.32	0.18				0.012	14.4
400	1805	33.58	4.03	0.30				0.010	31.4
400	1806	51.47	6.18	0.29				0.007	39.0
400	1807	30.30	3.64	0.19				0.012	15.6
400	1808	12.25	1.47	0.42				0.025	17.3
400	1809	71.33	8.56	0.45				0.030	14.9
400	1810	65.31	7.84	0.33				0.017	19.1
400	1811	65.10	7.81	0.79				0.020	38.8
400	1812	21.26	2.55	0.44				0.006	70.7
400	1813	29.49	3.54	0.26				0.006	45.7
400	1814	26.31	3.16	0.22				0.005	43.2
400	1815	38.36	4.60	0.26				0.004	64.4
400	1816	37.66	4.52	0.27				0.014	19.0
400	1817	14.61	1.75	0.04				0.004	9.9
400	1818	33.26	3.99	0.06				0.007	8.1
400	1819	36.89	4.43	0.04				0.005	8.7
400	1820	58.96	7.08	0.07				0.009	8.2
400	1821	53.54	6.42	0.04				0.008	5.7
400	1822	47.93	5.75	0.06				0.006	9.8
400	1823	15.86	1.90	0.06				0.009	7.4
400	1824	63.50	7.62	0.09				0.007	12.9

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1825	73.65	8.84	0.14				0.009	15.6
400	1826	73.18	8.78	0.25				0.036	6.8
400	1827 A	71.42	8.57	0.56				0.067	8.4
400	1827 B	63.75	7.65	0.29				0.046	6.3
400	1828	67.69	8.12	0.58				0.102	5.7
400	1829	64.09	7.69	0.65				0.107	6.1
400	1830 A	59.12	7.09	0.58				0.109	5.3
400	1830 B	55.58	6.67	0.55				0.102	5.4
400	1834	61.85	7.42	1.07				0.166	6.4
400	1835	68.63	8.24	0.83				0.125	6.7
400	1836	74.61	8.95	0.60				0.068	8.8
400	1837	75.18	9.02	0.17				0.018	9.4
400	1839	70.79	8.49	0.68				0.013	53.5
400	1840	73.98	8.88	0.17				0.013	12.9
400	1841	67.55	8.11	0.20				0.024	8.1
400	1842	68.12	8.17	0.11				0.031	3.7
400	1843	53.67	6.44	0.04				0.016	2.5
400	1844	76.66	9.20	0.17				0.025	6.7
400	1845	39.40	4.73	0.06				0.012	4.6
400	1846	42.45	5.09	0.11				0.022	4.9
400	1847	62.43	7.49	0.05				0.014	3.2
400	1848	38.63	4.64	0.09				0.010	9.4
400	1849	23.77	2.85	0.08				0.007	11.6
400	1850	52.53	6.30	0.16				0.023	7.0
400	1851	68.11	8.17	0.24				0.028	8.9
400	1852	68.73	8.25	0.22				0.040	5.5
400	1853	57.48	6.90	1.14				0.228	5.0
400	1854	62.49	7.50	0.47				0.066	7.1
400	1855	65.51	7.86	0.29				0.045	6.4
400	1856	65.40	7.85	0.33				0.040	8.1
400	1857	42.50	5.10	0.04				0.011	4.1
400	1858	8.68	1.04	0.11				0.017	6.5
400	1859	3.38	0.41	0.09				0.005	17.3
400	1860	78.62	9.43	1.69				0.029	58.1
400	1861	3.07	0.37	0.08				0.003	24.1
400	1862	36.06	4.33	1.65				0.201	8.2
400	1863	7.57	0.91	0.11				0.025	4.4
400	1865	9.18	1.10	0.14				0.023	5.9
400	1866	27.58	3.31	0.27				0.027	9.9
400	1867	16.36	1.96	1.47				0.192	7.7
400	1868	10.51	1.26	0.84				0.114	7.4
400	1869	5.10	0.61	0.31				0.035	9.0
400	1870	3.03	0.36	0.12				0.014	8.3
400	1871	1.53	0.18	0.27				0.005	60.0
400	1872	1.49	0.18	0.08				0.015	5.3
400	1873	1.75	0.21	0.09				0.020	4.3
400	1874	10.19	1.22	0.06				0.021	2.9
400	1875	0.98	0.12	0.08				0.010	7.8
400	1876	1.25	0.15	0.09				0.014	6.7
400	1877	1.61	0.19	0.15				0.015	9.8
400	1878	2.84	0.34	0.07				0.011	5.8
400	1879	0.84	0.10	0.07				0.014	4.9
400	1880	1.72	0.21	0.07				0.006	12.9
400	1881	7.91	0.95	0.96				0.123	7.8
400	1882	3.03	0.36	0.23				0.033	7.0
400	1883	1.64	0.20	0.06				0.005	11.0
400	1884	15.18	1.82	0.76				0.087	8.7
400	1885	8.17	0.98	0.75				0.097	7.8
400	1886	0.45	0.05	0.04				0.014	2.6
400	1887	0.42	0.05	0.05				0.010	4.7
400	1888	1.64	0.20	0.05				0.006	9.4
400	1889	1.37	0.16	0.08				0.007	11.2
400	1890	0.85	0.10	0.07				0.005	12.6
400	1891	5.30	0.64	0.17				0.013	12.5
400	1892 A	0.77	0.09	0.07				0.006	11.6
400	1892 B	1.78	0.21	0.30				0.000	0.3
400	1893	3.51	0.42	0.49				0.027	18.1
400	1894	4.14	0.50	0.10				0.010	10.0
400	1895	5.35	0.64	0.23				0.029	7.8
400	1896	0.44	0.05	0.11				0.019	6.0
400	1897	0.60	0.07	0.11				0.020	5.4
400	1898	0.38	0.05	2.60				0.289	9.0
400	1899	0.25	0.03	0.42				0.064	6.6
400	1900	0.19	0.02	0.15				0.020	7.4
400	1901	0.24	0.03	0.13				0.018	7.0
400	1902	0.36	0.04	3.05				0.328	9.3
400	1903	0.22	0.03	2.69				0.420	6.4
400	1904	0.45	0.05	0.43				0.079	5.5
400	1905	0.62	0.07	1.93				0.306	6.3
400	1906	0.40	0.05	1.66				0.275	6.0
400	1907	0.15	0.02	3.47				0.343	10.1
400	1908	1.16	0.14	0.40				0.091	4.4
400	1909	2.17	0.26	1.14				0.196	5.8
400	1910	0.50	0.06	1.65				0.220	7.5
400	1911	0.85	0.10	1.54				0.258	6.0
400	1912	0.31	0.04	2.06				0.253	8.2
400	1913	0.25	0.03	3.50				0.173	20.2
400	1914	0.40	0.05	4.07				0.114	35.8
400	1915	0.41	0.05	7.04				0.262	26.8
400	1917	0.36	0.04	1.99				0.291	6.8

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	1918	3.61	0.43	0.64				0.108	5.9
400	1919	0.73	0.09	2.50				0.429	5.8
400	1920	1.09	0.13	2.43				0.292	8.3
400	1921	0.09	0.01	0.28				0.034	8.3
400	1922	0.06	0.01	0.34				0.031	10.9
400	1923	1.25	0.15	0.11				0.018	6.3
400	1924	0.84	0.10	2.09				0.214	9.8
400	1925	0.41	0.05	2.06				0.292	7.1
400	1926	0.19	0.02	1.86				0.217	8.6
400	1927	0.16	0.02	0.13				0.022	6.0
400	1928	2.75	0.33	1.37				0.189	7.3
400	1929	0.06	0.01	0.12				0.022	5.2
400	1930	0.07	0.01	0.13				0.028	4.7
400	1931	0.50	0.06	0.12				0.020	6.2
400	1932	1.00	0.12	2.28				0.241	9.4
400	1933	1.66	0.20	1.82				0.176	10.3
400	1934	0.31	0.04	1.65				0.186	8.9
400	1935	19.82	2.38	1.70				0.219	7.7
400	1936	0.59	0.07	0.20				0.018	10.7
400	1937	0.62	0.07	0.13				0.026	5.1
400	1938	5.28	0.63	0.71				0.068	10.4
400	1939	7.83	0.94	2.79				0.248	11.2
400	1940	2.69	0.32	0.64				0.069	9.3
400	1941	0.14	0.02	0.49				0.033	14.9
400	1942	0.20	0.02	0.09				0.014	6.9
400	1943	1.47	0.18	1.28				0.164	7.8
400	1944	0.48	0.06	0.75				0.096	7.8
400	1945	2.16	0.26	1.51				0.189	8.0
400	1946	0.34	0.04	1.37				0.197	7.0
400	1947	6.64	0.80	1.78				0.214	8.3
400	1948	0.58	0.07	1.85				0.227	8.2
400	1949	0.64	0.08	2.17				0.192	11.3
400	1950	0.31	0.04	3.40				0.385	8.8
400	1951 A	2.22	0.27	0.62				0.046	13.4
400	1951 B	0.85	0.10	1.68				0.132	12.7
400	1952	0.44	0.05	2.59				0.175	14.8
400	1953	0.14	0.02	0.31				0.031	10.0
400	1954	9.36	1.12	2.64				0.270	9.8
400	1955	0.25	0.03	2.28				0.150	15.2
400	1956	2.10	0.25	0.25				0.028	8.8
400	1957	0.19	0.02	0.06				0.028	2.1
400	1958	0.90	0.11	0.18				0.029	6.2
400	1959	0.10	0.01	0.08				0.011	7.5
400	1960	0.13	0.02	0.04				0.008	5.0
400	1961	0.14	0.02	0.03				0.021	1.2
400	1962	0.25	0.03	0.04				0.008	4.8
400	1963	0.43	0.05	0.08				0.014	5.7
400	1964	0.34	0.04	0.05				0.010	4.9
400	1965	0.77	0.09	0.23				0.035	6.7
400	1966	1.98	0.24	1.40				0.202	6.9
400	1967	2.21	0.26	0.11				0.025	4.2
400	1968	0.66	0.08	0.19				0.029	6.4
400	1969	0.97	0.12	1.56				0.174	9.0
400	1970	1.17	0.14	0.54				0.072	7.4
400	1971	1.43	0.17	0.15				0.020	7.6
400	1972	0.09	0.01	0.87				0.081	10.7
400	1973 A	0.48	0.06	0.13				0.025	5.3
400	1973 B	0.44	0.05	1.61				0.147	11.0
400	1974	0.12	0.01	0.07				0.012	5.6
400	1975	0.81	0.10	4.94				0.164	30.0
400	1976	0.87	0.10	7.16				0.266	27.0
400	1977	0.84	0.10	4.90				0.283	17.3
400	1978	0.39	0.05	3.19				0.272	11.7
400	1979	0.54	0.07	2.65				0.251	10.5
400	1980	0.45	0.05	2.49				0.319	7.8
400	1981	0.46	0.06	2.15				0.332	6.5
400	1982	0.18	0.02	1.72				0.187	9.2
400	1983	0.09	0.01	0.13				0.033	4.0
400	1984	0.58	0.07	2.10				0.310	6.8
400	1985	0.11	0.01	0.51				0.054	9.3
400	1986	0.87	0.10	1.48				0.182	8.1
400	1987	0.44	0.05	1.05				0.153	6.8
400	1988	0.35	0.04	0.28				0.045	6.1
400	1989	1.10	0.13	1.60				0.222	7.2
400	1990	1.02	0.12	0.60				0.089	6.8
400	1991	1.38	0.17	0.67				0.115	5.8
400	1992	0.38	0.05	1.21				0.177	6.8
400	1993	1.72	0.21	0.65				0.098	6.6
400	1994	9.33	1.12	0.79				0.063	12.5
400	1995	1.50	0.18	0.29				0.048	6.2
400	1996	1.06	0.13	0.03 *				0.022	1.4
400	1997	2.02	0.24	0.06				0.013	4.6
400	1998	3.88	0.47	0.09				0.011	8.6
400	1999	3.76	0.45	0.07				0.015	4.7
400	2000	1.39	0.17	0.04				0.009	4.8
400	2001	1.38	0.17	1.01				0.138	7.3
400	2002	0.07	0.01	0.08				0.010	7.5
400	2003	0.35	0.04	0.07				0.015	4.7
400	2004	0.31	0.04	0.41				0.061	6.7
400	2005	0.62	0.07	0.30				0.046	6.6

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2006	0.21	0.02	0.04				0.012	3.6
400	2007	0.16	0.02	0.07				0.023	3.2
400	2008	1.11	0.13	0.85				0.138	6.2
400	2009	1.08	0.13	0.04				0.011	3.7
400	2010	0.20	0.02	0.03				0.011	2.6
400	2011	0.21	0.02	0.21				0.037	5.7
400	2025	0.67	0.08	0.08				0.007	10.6
400	2026	0.05	0.01	0.02 *				0.013	2.0
400	2027 A	1.07	0.13	0.28				0.033	8.4
400	2027 B	1.32	0.16	0.24				0.034	7.3
400	2028	0.62	0.07	0.06				0.010	6.2
400	2029	0.28	0.03	0.02				0.010	2.5
400	2030	0.30	0.04	0.06				0.006	10.3
400	2031	0.73	0.09	0.08				0.010	8.0
400	2032	0.33	0.04	0.05 *				0.014	3.2
400	2033	0.16	0.02	0.05				0.011	4.9
400	2034	1.09	0.13	0.05				0.007	7.7
400	2035	0.52	0.06	0.05				0.011	4.7
400	2036	0.20	0.02	0.06				0.014	4.2
400	2038	0.17	0.02	0.09				0.016	5.8
400	2039	0.25	0.03	0.03				0.009	3.5
400	2040 A	1.12	0.13	0.04				0.012	3.3
400	2040 B	4.09	0.49	1.90				0.247	7.7
400	2041	3.27	0.39	0.05				0.014	3.6
400	2042	0.36	0.04	0.04				0.009	4.8
400	2043	0.56	0.07	0.04				0.009	4.4
400	2044	0.64	0.08	0.05 *				0.013	4.0
400	2045	1.92	0.23	0.04				0.010	3.4
400	2046	44.19	5.30	0.05				0.015	3.6
400	2047	0.32	0.04	0.05				0.012	4.4
400	2048	0.36	0.04	0.04				0.012	3.5
400	2049 A	2.53	0.30	0.13				0.021	6.4
400	2049 B	6.98	0.84	0.48				0.049	9.8
400	2050	2.20	0.26	0.16				0.022	7.6
400	2051	1.19	0.14	0.13				0.017	7.7
400	2052	0.50	0.06	0.14				0.005	26.6
400	2053	0.73	0.09	0.10				0.007	15.1
400	2054	0.13	0.02	0.07				0.012	6.0
400	2055	0.32	0.04	0.10				0.015	6.4
400	2056	1.65	0.20	0.16				0.020	7.9
400	2057	1.95	0.23	0.20				0.018	11.3
400	2058	0.17	0.02	0.08				0.011	7.1
400	2059	0.93	0.11	0.12				0.017	7.4
400	2060	0.36	0.04	0.07				0.010	6.5
400	2061	0.88	0.11	0.19				0.022	8.6
400	2062	0.80	0.10	0.11				0.014	7.9
400	2063 A	0.78	0.09	0.09				0.017	5.4
400	2064	0.46	0.05	0.02				0.013	1.4
400	2065 A	4.69	0.56	0.06				0.010	5.9
400	2065 B	3.26	0.39	1.17				0.168	7.0
400	2069	8.74	1.05	2.10				0.299	7.0
400	2070	11.31	1.36	1.33				0.198	6.7
400	2071	16.99	2.04	1.12				0.169	6.6
400	2072	22.72	2.73	0.94				0.141	6.6
400	2073	25.48	3.06	0.88				0.124	7.1
400	2074 A	27.12	3.25	0.48				0.077	6.2
400	2074 B	19.04	2.28	0.72				0.097	7.4
400	2075	18.65	2.24	0.98				0.137	7.2
400	2076	11.99	1.44	1.91				0.268	7.1
400	2077	10.26	1.23	1.79				0.232	7.7
400	2078	8.65	1.04	1.26				0.183	6.9
400	2079	11.83	1.42	1.96				0.278	7.0
400	2080	7.50	0.90	0.25				0.022	11.1
400	2081	7.31	0.88	0.38				0.056	6.9
400	2082	10.08	1.21	1.37				0.193	7.1
400	2083	10.45	1.25	1.62				0.220	7.4
400	2084	13.85	1.66	1.51				0.231	6.5
400	2085	21.99	2.64	0.91				0.141	6.4
400	2086	26.69	3.20	0.82				0.129	6.4
400	2087	28.24	3.39	0.79				0.114	6.9
400	2088	19.35	2.32	0.84				0.122	6.9
400	2089	12.24	1.47	1.83				0.269	6.8
400	2090	11.90	1.43	1.88				0.270	7.0
400	2091	10.04	1.21	2.12				0.296	7.1
400	2092	9.34	1.12	0.65				0.093	7.0
400	2093	15.92	1.91	1.26				0.176	7.1
400	2094	14.78	1.77	1.44				0.200	7.2
400	2095	24.89	2.99	0.85				0.127	6.7
400	2096	22.38	2.69	0.90				0.132	6.8
400	2097	21.77	2.61	0.94				0.154	6.1
400	2098	19.81	2.38	1.01				0.153	6.6
400	2099	15.58	1.87	1.12				0.158	7.1
400	2100	7.92	0.95	0.47				0.070	6.8
400	2101	10.83	1.30	1.48				0.200	7.4
400	2102 A	5.22	0.63	0.49				0.059	8.4
400	2102 B	4.00	0.48	0.39				0.053	7.4
400	2103	6.97	0.84	0.29				0.041	7.0
400	2104	1.03	0.12	0.07				0.007	9.7
400	2105	0.61	0.07	0.05				0.009	5.9
400	2106	0.95	0.11	0.04				0.012	3.6

CODE #	STATION #	CaCO3	CARBON OF CaCO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2107	11.42	1.37	1.52				0.197	7.7
400	2108	13.90	1.67	1.46				0.204	7.2
400	2109 A	15.77	1.89	0.99				0.132	7.5
400	2109 B	9.56	1.15	1.23				0.143	8.6
400	2110	26.54	3.18	0.89				0.120	7.4
400	2111	21.72	2.61	0.95				0.128	7.4
400	2112	4.14	0.50	0.57				0.067	8.5
400	2113	17.84	2.14	0.87				0.112	7.8
400	2114	11.85	1.42	1.34				0.176	7.6
400	2115	20.78	2.49	0.95				0.129	7.4
400	2116	19.82	2.38	0.61				0.073	8.4
400	2117	28.37	3.46	0.68				0.101	6.7
400	2118	30.50	3.66	0.62				0.095	6.5
400	2119	27.66	3.32	0.80				0.112	7.2
400	2120	23.26	2.79	0.80				0.112	7.1
400	2121	3.61	0.43	0.46				0.056	8.1
400	2122	10.17	1.22	0.97				0.126	7.7
400	2123	7.95	0.95	0.72				0.100	7.2
400	2124	7.08	0.85	0.42				0.055	7.6
400	2125	26.55	3.19	0.60				0.097	6.2
400	2127	10.99	1.32	0.66				0.085	7.8
400	2128	17.19	2.06	1.03				0.156	6.6
400	2129	9.23	1.11	0.88				0.116	7.6
400	2130	13.66	1.64	0.82				0.116	7.1
400	2132 A	13.47	1.62	0.60				0.076	7.9
400	2132 B	20.50	2.46	0.62				0.068	9.2
400	2133	25.90	3.11	0.88				0.142	6.2
400	2134	31.52	3.78	0.70				0.110	6.3
400	2135	29.07	3.49	0.69				0.108	6.4
400	2136	12.24	1.47	0.42				0.054	7.7
400	2137	15.98	1.92	0.73				0.112	6.5
400	2138	8.41	1.01	0.68				0.090	7.6
400	2139	4.13	0.50	0.38				0.047	8.2
400	2140	16.50	1.98	1.19				0.168	7.1
400	2141	21.65	2.60	0.81				0.121	6.7
400	2142	12.16	1.46	0.58				0.071	8.2
400	2143	33.92	4.07	0.69				0.097	7.1
400	2144	31.28	3.75	0.61				0.092	6.6
400	2145	32.97	3.96	0.61				0.095	6.4
400	2146	29.57	3.55	0.71				0.112	6.4
400	2147	25.93	3.11	0.78				0.116	6.8
400	2148	14.03	1.68	0.94				0.138	6.8
400	2149	7.03	0.84	0.21				0.026	7.9
400	2150 A	16.71	2.00	0.39				0.059	6.6
400	2150 B	46.34	5.56	0.10				0.026	4.0
400	2150 C	29.57	3.55	0.18				0.047	3.9
400	2151	22.78	2.73	0.84				0.119	7.1
400	2152	11.73	1.41	0.40				0.051	7.8
400	2153	14.38	1.73	0.55				0.081	6.8
400	2154	32.22	3.87	0.45				0.081	5.6
400	2155	33.00	3.96	0.53				0.085	6.3
400	2156	36.28	4.35	0.44				0.065	6.8
400	2157	27.04	3.24	0.70				0.095	7.4
400	2158	18.84	2.26	0.87				0.130	6.7
400	2159	14.24	1.71	1.00				0.146	6.8
400	2160	4.38	0.53	0.59				0.062	9.5
400	2161	12.55	1.51	1.11				0.168	6.6
400	2162	18.45	2.21	0.90				0.145	6.2
400	2163	27.29	3.28	0.65				0.104	6.3
400	2164	28.23	3.39	0.54				0.094	5.7
400	2165	30.99	3.72	0.34				0.076	4.5
400	2166	28.51	3.42	0.17				0.033	5.1
400	2167	16.03	1.92	0.13				0.035	3.8
400	2168	29.26	3.51	0.51				0.078	6.6
400	2169	24.84	2.98	0.51				0.068	7.5
400	2170	25.27	3.03	0.71				0.103	7.0
400	2171	9.36	1.12	0.38				0.053	7.1
400	2172	7.48	0.90	0.64				0.075	8.6
400	2173	7.81	0.94	0.70				0.110	6.4
400	2174	12.67	1.52	0.68				0.105	6.5
400	2175	2.41	0.29	0.21				0.031	6.8
400	2176	3.03	0.36	0.19				0.026	7.3
400	2177	4.75	0.57	0.51				0.070	7.3
400	2178	11.86	1.42	1.21				0.175	6.9
400	2179	15.33	1.84	0.94				0.134	7.0
400	2180	14.01	1.68	1.06				0.143	7.4
400	2181	7.55	0.91	0.50				0.070	7.1
400	2182	4.03	0.48	0.49				0.057	8.6
400	2183	7.04	0.85	0.50				0.074	6.8
400	2184	13.74	1.65	0.90				0.135	6.7
400	2185	11.00	1.32	0.55				0.089	6.2
400	2186	13.77	1.65	0.43				0.058	7.4
400	2187	30.40	3.65	0.43				0.078	5.5
400	2188	28.66	3.44	0.50				0.084	6.0
400	2189	16.72	2.01	0.61				0.094	6.5
400	2190	6.36	0.76	0.36				0.052	6.8
400	2191 A	4.70	0.56	0.36				0.044	8.2
400	2191 B	0.00	0.00	0.00				0.039	0.0
400	2192	10.44	1.25	0.76				0.114	6.7
400	2193	3.54	0.42	0.42				0.057	7.4

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED	TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2194	7.14	0.86	0.64				0.094	6.8
400	2195	7.38	0.89	0.96				0.129	7.4
400	2196	4.90	0.59	0.60				0.073	8.2
400	2197	1.80	0.22	1.86				0.272	6.8
400	2200	5.67	0.68	0.81				0.097	8.4
400	2201	7.25	0.87	0.50				0.060	8.4
400	2202	3.44	0.41	0.36				0.050	7.2
400	2203	8.78	1.05	0.71				0.086	8.3
400	2204	4.38	0.53	0.33				0.030	10.8
400	2205	7.68	0.92	0.30				0.026	11.8
400	2206	9.32	1.12	0.50				0.065	7.8
400	2209	8.92	1.07	0.55				0.078	7.1
400	2210	4.31	0.52	0.11				0.014	8.0
400	2211	10.89	1.31	0.82				0.128	6.4
400	2212	7.36	0.88	0.97				0.140	6.9
400	2217 A	0.12	0.01	0.06				0.010	5.8
400	2217 B	0.19	0.02	0.06				0.009	6.0
400	2218	0.13	0.02	0.05				0.006	8.8
400	2219	0.20	0.02	14.60				0.671	21.8
400	2220	0.19	0.02	3.19				0.297	10.7
400	2221	0.15	0.02	1.62				0.170	9.5
400	2222	0.16	0.02	1.70				0.174	9.8
400	2223	0.26	0.03	2.58				0.156	16.5
400	2224	0.21	0.03	1.63				0.100	16.3
400	2225	0.27	0.03	1.20				0.128	9.4
400	2226	0.17	0.02	3.18				0.266	11.9
400	2227 A	0.08	0.01	0.30				0.024	12.6
400	2227 B	0.31	0.04	28.26				1.693	16.7
400	2228	0.12	0.01	1.45				0.173	8.4
400	2229	0.11	0.01	0.09				0.013	6.6
400	2230	0.30	0.04	0.27				0.035	7.7
400	2231	0.11	0.01	0.19				0.019	10.1
400	2232	0.13	0.02	0.31				0.064	4.9
400	2233	0.12	0.01	0.11				0.015	7.4
400	2234	1.29	0.15	0.72				0.055	13.2
400	2235	0.35	0.04	0.12				0.013	9.0
400	2236	1.49	0.18	1.97				0.201	9.8
400	2237	0.62	0.07	0.00				0.163	0.0
400	2238	0.20	0.02	0.22				0.075	2.9
400	2239	0.21	0.02	1.79				0.316	5.7
400	2240	0.47	0.06	4.26				0.378	11.3
400	2241	0.25	0.03	2.38				0.322	7.4
400	2242	0.34	0.04	0.19				0.051	3.7
400	2243	1.48	0.18	0.83				0.076	11.0
400	2244	0.89	0.11	4.79				0.402	11.9
400	2245	1.56	0.19	3.93				0.293	13.4
400	2246	0.19	0.02	3.79				0.271	14.0
400	2247	3.29	0.40	0.25				0.045	5.4
400	2248	49.05	5.89	0.22				0.036	6.3
400	2249	3.78	0.45	0.13				0.024	5.5
400	2250	3.29	0.40	0.05				0.009	6.0
400	2250U	4.57	0.55	0.07				0.009	7.5
400	2251	11.74	1.41	0.10				0.015	6.4
400	2252	9.97	1.20	0.08				0.018	4.7
400	2253	7.79	0.94	0.05				0.008	5.6
400	2254	9.02	1.08	0.11				0.018	6.3
400	2255	0.20	0.02	0.18				0.135	1.3
400	2256	1.32	0.16	0.09				0.008	11.3
400	2257	2.37	0.28	0.04				0.006	6.9
400	2258	1.39	0.17	0.04				0.006	7.7
400	2259	2.83	0.34	0.0			0.39	0.008	6.8
400	2260	5.88	0.71	0.0			0.75	0.007	6.0
400	2261	5.31	0.64	0.0			0.68	0.006	7.3
400	2262	4.14	0.50	0.0			0.53	0.007	4.1
400	2263	1.76	0.21	0.1			0.36	0.012	12.7
400	2264	4.20	0.50	0.1			0.69	0.015	12.3
400	2265	12.39	1.49	0.0			1.55	0.006	10.4
400	2266	0.53	0.06	0.0			0.12	0.007	7.4
400	2267	17.25	2.07	0.2			2.34	0.037	7.3
400	2268	0.77	0.09	0.0			0.17	0.005	15.7
400	2269	2.09	0.25	0.0			0.30	0.008	5.9
400	2270	0.30	0.04	0.1			0.15	0.012	9.6
400	2271	0.70	0.08	0.2			0.32	0.025	9.3
400	2272	0.51	0.06	0.4			0.46	0.028	14.1
400	2273	1.53	0.18	0.0			0.22	0.005	6.4
400	2273U	1.19	0.14	0.4			0.62	0.055	8.7
400	2274	0.89	0.11	0.0			0.18	0.010	7.3
400	2275	0.34	0.04	0.1			0.22	0.014	12.5
400	2276	1.41	0.17	0.2			0.43	0.032	8.1
400	2277 A	0.26	0.03	0.0			0.09	0.007	8.3
400	2277 B	1.03	0.12	0.4			0.60	0.200	2.4
400	2278	0.39	0.05	0.0			0.07	0.004	6.0
400	2279	2.66	0.32	0.0			0.39	0.008	8.3
400	2280	2.29	0.27	0.0			0.35	0.011	7.1
400	2281	3.02	0.36	0.1			0.50	0.016	8.6
400	2282	2.67	0.32	0.0			0.40	0.010	8.3
400	2283	2.81	0.34	0.1			0.44	0.010	9.6
400	2284	3.52	0.42	0.0			0.49	0.006	10.6
400	2285	1.86	0.22	0.0			0.29	0.009	7.4
400	2286	2.76	0.33	1.8			2.22	0.205	9.2

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2287	2.46	0.29	0.5				0.89	0.074	7.9
400	2288	2.30	0.28	0.0				0.31	0.007	4.8
400	2289	2.75	0.33	0.0				0.42	0.013	6.7
400	2290	6.83	0.82	0.0				0.89	0.008	8.0
400	2291	6.08	0.73	0.1				0.84	0.017	6.5
400	2292	3.98	0.48	0.0				0.54	0.008	8.2
400	2293	5.27	0.63	0.2				0.83	0.028	7.2
400	2294	18.34	2.20	0.0				2.26	0.008	6.8
400	2295	2.17	0.26	0.0				0.32	0.008	7.3
400	2296	9.59	1.15	0.1				1.26	0.017	6.1
400	2297	4.35	0.52	0.0				0.62	0.008	11.9
400	2298	6.12	0.73	0.0				0.82	0.009	9.2
400	2300	1.94	0.23	1.7				1.97	0.201	8.6
400	2301	6.26	0.75	0.9				1.73	0.076	12.8
400	2302	0.33	0.04	0.13					0.015	9.2
400	2303	0.92	0.11	1.25					0.126	10.0
400	2304A	0.41	0.05	0.03					0.006	5.9
400	2304B	0.25	0.03	0.03					0.002	18.2
400	2304C	0.09	0.01	0.05					0.002	24.5
400	2304D	0.07	0.01	0.06					0.008	8.2
400	2305	10.82	1.30	0.03					0.003	8.8
400	2306	53.26	6.39	0.24					0.017	14.4
400	2307	13.40	1.61	0.06					0.008	7.4
400	2308	6.02	0.72	0.09					0.013	6.9
400	2309	6.93	0.83	0.06					0.014	4.1
400	2310	12.92	1.55	0.08					0.011	7.4
400	2311	12.51	1.50	0.12					0.015	8.1
400	2312	34.67	4.16	0.22					0.018	12.0
400	2313	5.53	0.66	0.13					0.011	11.5
400	2314	3.07	0.37	0.14					0.015	9.7
400	2315	3.17	0.38	0.15					0.016	9.0
400	2316	25.06	3.01	0.09					0.006	15.7
400	2317	39.59	4.75	0.17					0.011	16.1
400	2318	31.61	3.79	0.08					0.008	10.1
400	2319	6.15	0.74	0.16					0.018	8.7
400	2320	6.03	0.72	0.10					0.006	17.2
400	2321	3.09	0.37	0.14					0.013	10.9
400	2322	3.47	0.42	0.13					0.008	15.1
400	2323	2.55	0.31	0.13					0.012	10.3
400	2324	2.68	0.32	0.11					0.009	11.6
400	2325	7.74	0.93	0.10					0.003	30.5
400	2326	5.45	0.65	0.07					0.003	21.6
400	2327	0.73	0.09	0.06					0.004	15.5
400	2328	2.35	0.28	0.10					0.013	7.6
400	2329	7.05	0.85	0.09					0.003	32.7
400	2330	1.39	0.17	0.09					0.014	7.0
400	2331	0.55	0.07	0.06					0.003	17.0
400	2332	1.86	0.22	0.11					0.015	7.3
400	2333	1.62	0.19	0.11					0.016	6.9
400	2334	71.05	8.53	0.45					0.050	9.0
400	2335	69.70	8.36	0.18					0.009	21.0
400	2336	68.46	8.21	0.90					0.073	12.4
400	2337	77.70	9.32	0.53					0.075	7.1
400	2338 A	62.80	7.54	0.58					0.026	22.4
400	2338 B	64.35	7.72	0.09	*				0.038	2.4
400	2340	82.54	9.91	0.2				10.14	0.040	5.7
400	2341	97.08	11.65	0.0				11.67	0.011	2.2
400	2342	94.66	11.36	0.1				11.47	0.019	6.0
400	2343	95.87	11.50	0.0				11.55	0.012	3.9
400	2344	93.81	11.26	0.0				11.32	0.016	4.4
400	2345	91.36	10.96	0.1				11.12	0.026	5.8
400	2346	91.48	10.98	0.1				11.10	0.027	4.6
400	2347 A	89.94	10.79	0.2				10.99	0.038	5.1
400	2347 B	91.21	10.95	0.1				11.14	0.035	5.5
400	2348	95.05	11.41	0.1				11.56	0.030	4.9
400	2349	95.33	11.44	0.0				11.52	0.012	6.7
400	2350	94.97	11.40	0.0				11.48	0.032	2.7
400	2351	94.75	11.37	0.1	*			11.47	0.025	4.1
400	2352	96.83	11.62	0.0				11.71	0.040	2.3
400	2353	93.32	11.20	0.0				11.27	0.022	3.4
400	2354	97.25	11.67	0.0				11.73	0.016	3.8
400	2356	92.06	11.05	0.1				11.16	0.028	4.2
400	2357	89.74	10.77	0.1	*			10.91	0.037	3.7
400	2358	96.46	11.57	0.0				11.65	0.019	3.8
400	2359	96.61	11.59	0.0				11.69	0.030	3.2
400	2360	98.67	11.84	0.0	*			11.90	0.015	4.1
400	2361	93.70	11.24	0.1				11.37	0.032	4.0
400	2362	97.89	11.75	0.1				11.85	0.020	4.9
400	2363	98.24	11.79	0.1				11.90	0.017	7.0
400	2364	97.65	11.72	0.0				11.80	0.026	3.1
400	2365	97.41	11.69	0.1				11.79	0.026	3.8
400	2366	98.06	11.77	0.0	*			11.83	0.025	2.6
400	2367	95.46	11.46	0.1				11.57	0.029	3.8
400	2368	96.59	11.59	0.1				11.71	0.029	4.1
400	2369	98.46	11.81	0.0				11.90	0.028	3.0
400	2370	93.81	11.26	0.0				11.32	0.013	4.5
400	2371	97.28	11.67	0.1				11.79	0.016	7.2
400	2372	95.36	11.44	0.0				11.50	0.015	3.8
400	2373	98.59	11.83	0.0				11.88	0.032	1.5
400	2374	94.25	11.31	0.0				11.36	0.019	2.8

CODE #	STATION #	CACO3	CARBON OF CACO3	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2375	93.78	11.25	0.0				11.30	0.011	4.1
400	2376	98.04	11.76	0.0	*			11.81	0.032	1.3
400	2377	97.84	11.74	0.0				11.80	0.011	5.6
400	2378	98.32	11.80	0.1				11.90	0.023	4.3
400	2379	98.47	11.82	0.0				11.87	0.017	3.0
400	2380	97.23	11.67	0.0				11.72	0.015	3.7
400	2381	95.22	11.43	0.0				11.51	0.023	3.6
400	2382	94.13	11.30	0.0	*			11.38	0.021	4.1
400	2383	98.64	11.84	0.0				11.92	0.023	3.4
400	2384	86.77	10.41	0.1				10.52	0.032	3.5
400	2385	98.43	11.81	0.0	*			11.90	0.028	3.1
400	2386	96.71	11.61	0.0				11.66	0.026	2.1
400	2389	98.81	11.86	0.0	*			11.92	0.024	2.5
400	2392	99.31	11.92	0.0				11.97	0.019	2.5
400	2393	98.78	11.85	0.0	*			11.91	0.023	2.4
400	2394	96.48	11.58	0.0				11.61	0.012	3.0
400	2395	98.69	11.84	0.0				11.89	0.016	3.1
400	2396	97.45	11.69	0.0				11.74	0.017	2.8
400	2397	84.74	10.17	0.0	*			10.23	0.020	3.1
400	2400	9.69	1.16	0.0				1.20	0.010	4.0
400	2401	12.21	1.47	0.0	*			1.50	0.009	4.1
400	2402	22.14	2.66	0.0				2.69	0.008	3.8
400	2403	21.63	2.60	0.0				2.63	0.010	3.2
400	2404	24.49	2.94	0.0				2.97	0.007	4.7
400	2405	15.27	1.83	0.0				1.87	0.010	4.1
400	2406	10.30	1.24	0.0				1.27	0.008	4.3
400	2407	15.52	1.86	0.0				1.89	0.006	3.6
400	2408	11.10	1.33	0.0				1.35	0.006	3.1
400	2409	24.36	2.92	0.0				2.96	0.011	3.7
400	2410	29.28	3.51	0.0				3.55	0.014	2.5
400	2411	41.46	4.98	0.0				5.01	0.014	2.8
400	2412	56.96	6.84	0.0				6.90	0.017	3.7
400	2413	91.80	11.02	0.1	*			11.21	0.050	3.9
400	2414	86.21	10.35	0.1				10.47	0.030	4.3
400	2415	62.24	7.47	0.4				7.93	0.078	5.9
400	2416	48.53	5.82	0.0				5.87	0.014	3.1
400	2417	52.35	6.28	0.0				6.33	0.012	3.9
400	2418	26.64	3.20	0.0				3.23	0.011	3.1
400	2419	27.15	3.26	0.0				3.29	0.008	4.1
400	2420	20.10	2.41	0.0				2.45	0.009	3.9
400	2421	38.03	4.56	0.0	*			4.60	0.012	3.2
400	2422	11.42	1.37	0.0				1.40	0.007	4.5
400	2423	12.36	1.48	0.0				1.52	0.007	5.1
400	2424	11.27	1.35	0.0				1.38	0.013	2.2
400	2425	10.93	1.31	0.0				1.36	0.013	3.8
400	2426	49.76	5.97	0.0				6.06	0.023	4.0
400	2427	31.28	3.75	0.0				3.82	0.016	3.9
400	2428	20.81	2.50	0.0				2.52	0.007	3.2
400	2429	11.85	1.42	0.0				1.44	0.007	2.6
400	2430	51.44	6.17	0.4				6.58	0.081	5.0
400	2431	64.51	7.74	0.3				8.07	0.051	6.4
400	2432	69.05	8.29	0.3				8.61	0.068	4.8
400	2433	58.89	7.07	0.0				7.15	0.019	4.3
400	2434	91.27	10.95	0.3				11.29	0.057	5.9
400	2435	59.09	7.09	0.2				7.30	0.025	8.5
400	2436	81.98	9.84	0.2				10.11	0.039	6.9
400	2437	90.45	10.85	0.3				11.24	0.072	5.3
400	2438	43.84	5.26	0.0				11.24	0.014	5.3
400	2439	98.16	11.78	0.1				11.92	0.029	4.8
400	2440	96.04	11.52	0.1				11.63	0.028	3.9
400	2441	97.53	11.70	0.1				11.80	0.022	4.4
400	2442	96.30	11.56	0.0	*			11.64	0.023	3.9
400	2443	97.37	11.68	0.1				11.86	0.040	4.4
400	2444	96.73	11.61	0.1				11.76	0.047	3.2
400	2445	98.72	11.85	0.0	*			11.93	0.018	4.8
400	2446	94.46	11.33	0.1				11.47	0.042	3.1
400	2447	97.61	11.71	0.0				11.79	0.013	5.5
400	2448	97.74	11.73	0.0	*			11.80	0.020	3.4
400	2449	88.33	10.60	0.0				10.68	0.028	2.8
400	2450	88.66	10.64	0.3				10.98	0.062	5.5
400	2451	85.57	10.27	0.4				10.70	0.080	5.4
400	2452	92.33	11.08	0.1				11.20	0.029	4.2
400	2453	96.85	11.62	0.0	*			11.70	0.027	2.9
400	2454	96.81	11.62	0.3				11.93	0.074	4.2
400	2455	97.17	11.66	0.1				11.78	0.038	3.1
400	2456	93.93	11.27	0.0	*			11.36	0.026	3.3
400	2457	94.90	11.39	0.1				11.50	0.030	3.8
400	2458	94.59	11.35	0.0				11.44	0.020	4.4
400	2459	96.42	11.57	0.0	*			11.63	0.017	3.4
400	2460	95.76	11.49	0.1				11.62	0.034	3.9
400	2461	90.29	10.83	0.0				10.92	0.021	4.0
400	2462	74.29	8.91	0.6				9.58	0.128	5.2
400	2464	97.03	11.64	0.0	*			11.73	0.028	3.1
400	2465	96.83	11.62	0.0				11.70	0.020	3.8
400	2466	98.77	11.85	0.0				11.94	0.022	4.1
400	2467	97.13	11.66	0.0	*			11.70	0.014	3.6
400	2468	90.31	10.84	0.1				10.96	0.035	3.4
400	2469	84.62	10.15	0.1				10.34	0.046	4.0
400	2470	95.06	11.41	0.0				11.50	0.023	4.0
400	2471	83.86	10.06	0.1				10.17	0.027	4.0

CODE #	STATION #	$CaCO_3$	CARBON OF $CaCO_3$	ORGANIC CARBON MEASURED		TOTAL CARBON MEASURED	ORGANIC CARBON CALCULATED	TOTAL CARBON CALCULATED	KJELDAHL NITROGEN	ORGANIC CARBON / NITROGEN
400	2472	95.50	11.46	0.0	*			11.53	0.019	3.5
400	2473	97.97	11.76	0.0				11.78	0.013	2.2
400	2474 A	90.77	10.89	0.0				10.98	0.026	3.3
400	2474 B	94.08	11.29	0.0				11.35	0.021	2.8
400	2475	96.84	11.62	0.0				11.69	0.023	3.0
400	2476	95.98	11.52	0.1	*			11.70	0.015	12.1
400	2478	92.78	11.13	0.1				11.23	0.019	5.3
400	2479	97.20	11.66	0.0				11.72	0.027	2.2

Code Line 401 Reruns of organic carbon, measured

Code line 401 gives rerun analyses of measured organic carbon. Headings are the same as those described under code line 400 above.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
401	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Organic carbon, measured	44-49	F	6	47	2
	Organic carbon/ nitrogen	106-111	F	6	110	1

CODE #	STATION #	ORGANIC CARBON MEASURED	ORGANIC CARBON / NITROGEN
401	A003	0.05	5.0
401	A015	0.08	13.3
401	N047	0.38	7.1
401	W111	0.15	6.6

CODE #	STATION #	ORGANIC CARBON MEASURED	ORGANIC CARBON / NITROGEN
401	1243	1.03	6.5
401	1427	0.07	6.4
401	1478	0.18	13.8
401	1487	0.23	83.0
401	1507	0.32	8.6
401	1521	0.34	12.6
401	1522	0.12	5.5
401	1524	0.26	13.0
401	1531	0.20	13.3
401	1532	0.39	20.5
401	1540	0.29	12.6
401	1548	0.42	19.1
401	1550	0.17	6.7
401	1553	0.49	23.3
401	1556	0.46	15.9
401	1570	0.68	13.9
401	1573	0.89	22.4
401	1603	0.45	14.5
401	1659	0.15	25.0
401	1665	0.16	22.9
401	1670	0.17	16.0
401	1671	0.09	12.8
401	1682	0.08	16.0
401	1687	0.10	8.3
401	1692	0.08	6.7
401	1695	0.27	15.0
401	1697	0.24	23.4
401	1702	0.09	12.9
401	1705	0.08	20.0
401	1708	0.10	15.5
401	1711	0.22	20.0
401	1716	0.32	7.3
401	1718	0.97	16.9
401	1751	0.14	17.5
401	1755	0.08	20.0
401	1761	0.15	15.0
401	1762	0.33	7.3
401	1765	0.24	13.6
401	1767	0.47	20.4
401	1781	0.18	16.4
401	1791	0.18	18.8
401	1802	0.08	13.3
401	1852	0.44	11.0
401	1996	0.08	3.6
401	2026	0.05	3.8
401	2032	0.05	4.9
401	2044	0.09	6.9
401	2338 B	0.47	12.4
401	2351	0.45	18.5
401	2357	0.53	14.3
401	2360	0.27	18.0
401	2366	0.22	9.5
401	2376	0.48	15.0
401	2382	0.41	19.5
401	2385	0.22	7.9
401	2389	0.36	15.0
401	2393	0.26	13.7
401	2397	0.43	21.5
401	2401	0.20	20.5
401	2413	0.53	10.6
401	2421	0.20	16.6
401	2442	0.51	22.2
401	2445	0.11	6.2
401	2448	0.35	17.0
401	2453	0.46	17.0
401	2456	0.26	10.0
401	2459	0.38	22.3
401	2464	0.25	8.9
401	2467	0.34	24.2
401	2472	0.40	21.0
401	2476	0.38	25.3

CODE #	STATION #	ORGANIC CARBON MEASURED	ORGANIC CARBON / NITROGEN
401	A003	0.05	5.0
401	A015	0.08	13.3
401	N047	0.38	7.1
401	W111	0.18	6.6

Code Line 450 Natural gamma radioactivity

This line contains values for natural gamma radioactivity in each sample. These values are expressed as counts per minute per gram (CPM/G). Raw values for number of counts were corrected for sample weight, volume, type of container, and background count. The corrected value together with location coordinates and amounts of silt and clay are given in this line.

Acknowledgements

The analyses were performed by Claire L. Schelske, School of Public Health, University of Michigan, Ann Arbor, Michigan. Corrections to the raw data were made by a computer program written by John C. Hathaway.

Explanations of headings

CODE # 450 denotes natural gamma radioactivity analyses.

STATION # As described under code line 100.

LATITUDE Latitude (North) in degrees, minutes and tenths or hundreths of minutes (repeat of values from line 100).

LONGITUDE Longitude (west) in degrees, minutes and tenths or hundreths of minutes (repeat of values from line 100).

SILT % Percent silt (4-62 μm) (from line 210).

CLAY % Percent clay ($<4\ \mu$m) (from line 210).

ACTIVITY CPM/G Natural gamma radioactivity in counts per minute per gram.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
450	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Latitude (degrees)	21-22	I	2		
	Latitude (minutes)	24-28	F	5	26	2
	Longitude (degrees)	31-32	I	2		
	Longitude (minutes)	34-38	F	5	36	2
	Silt (percent)	41-45	F	5	44	1
	Clay (percent)	48-52	F	5	51	1
	Radioactivity (CPM/G)	55-62	F	8	60	2

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	A045	41 06.0	68 19.0			0.36
450	A046	41 06.0	67 38.0	3.0		0.54
450	H019	43 55.6	69 58.9			1.69
450	H026	43 22.3	70 40.9			2.04
450	L120	41 23.60	70 02.97			0.31
450	L122	41 14.60	69 59.25			0.23
450	L125	41 17.72	70 06.32			0.30
450	L127	41 24.42	70 32.12			0.21
450	L129	41 20.73	70 39.70			0.31
450	M007A	42 50.0	69 00.0			3.26
450	M012A	42 50.0	67 45.0	49.3	35.4	4.63
450	M029A	43 00.0	69 30.0	15.7	21.5	4.60
450	M044A	43 10.0	67 30.0	21.2	8.0	2.89
450	M046A	43 10.0	67 00.0	18.0	0.	2.30
450	M048A	43 11.0	66 31.0			0.43
450	M057A	43 20.0	68 30.0	31.0	66.9	5.24
450	M063A	43 20.0	70 00.0	56.7	43.7	3.57
450	M067A	43 29.0	69 00.0	41.5	57.5	4.82
450	M071A	43 30.0	68 00.0	33.4	53.4	4.76
450	M072A	43 30.0	67 45.0	27.1	32.9	3.09
450	M077A	43 30.0	66 30.0	3.8	0.	2.99
450	M081A	43 40.0	67 10.0	27.8	10.3	3.52
450	M086A	43 40.0	68 30.0	46.8	53.2	5.02
450	M091A	43 50.0	68 00.0	48.8	50.5	5.13
450	M093A	43 50.0	67 30.0	16.9	11.4	5.14
450	M114A	43 09.0	69 00.0	13.5	18.5	4.61
450	N017A	40 37.0	70 00.0	10.3	8.7	4.58
450	N019A	40 17.0	70 00.0	31.4	6.7	2.83
450	N030A	41 08.0	70 30.0	0.	0.	1.36
450	N032A	40 47.0	70 30.0	24.1	8.5	2.55
450	N034A	40 27.0	70 30.0	49.0	17.8	3.07
450	N036A	40 07.0	70 30.0	10.2	7.0	1.22
450	N046A	41 08.0	71 00.0	0.	0.	0.59
450	N048A	40 46.0	71 00.0	8.5	7.7	2.45
450	N050A	40 27.0	71 00.0	69.3	27.6	3.70
450	N052A	40 07.0	71 01.0	17.5	11.5	1.95
450	P010	39 57.0	69 22.0			0.93
450	P014	39 49.0	69 19.0	47.9	39.1	4.46
450	P017	39 40.0	69 14.0			2.03
450	P020	39 21.0	69 08.0	42.0	49.1	4.21
450	P021	38 53.0	68 59.0	41.8	55.6	4.37
450	P022	38 23.0	68 46.0	41.2	54.0	3.83
450	S083	42 11.0	65 30.0	1.5	0.	1.53
450	S096	42 53.0	66 25.0	11.0	9.0	2.41
450	S108	42 41.0	67 22.0	5.4	2.9	2.39
450	S116	42 41.0	68 17.0	25.6	15.3	3.87
450	S128	42 41.0	69 38.0	40.4	59.4	4.61
450	S150	42 30.0	68 44.0	11.2	12.5	3.48
450	W021	40 59.0	69 06.0	0.	0.	3.93
450	W034	40 15.0	68 50.0	6.0	0.	3.81
450	W038	40 34.0	68 51.0	0.	0.	0.42
450	W043	41 00.0	68 50.0	0.	0.	1.12
450	W053	41 50.0	68 50.0	15.7	23.3	3.81
450	W105	42 07.0	67 09.0	0.	0.	-0.01
450	W122	42 10.0	66 20.0	0.	0.	1.48
450	W136	41 30.0	66 00.0	0.	0.	1.34
450	W140	41 49.0	65 58.0	0.	0.	1.44

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1011	41 28.5	70 29.9	12.4	3.8	0.81
450	1013	41 30.4	70 01.4	7.0	0.	2.88
450	1014	41 41.0	69 54.0	0.	0.	2.18
450	1015	42 40.0	70 30.0	57.1	28.7	2.74
450	1016	42 50.0	70 44.9	0.	0.	1.76
450	1018	42 59.8	70 29.6	52.3	41.2	2.29
450	1020	43 09.3	70 26.4	2.6	3.3	3.92
450	1023	43 28.8	70 16.6	0.	0.	1.49
450	1025	43 39.8	69 59.4	42.3	17.8	1.94
450	1029	43 49.2	69 29.0	44.8	50.8	2.04
450	1032	43 49.9	69 16.0	18.1	16.9	1.46
450	1034	43 49.6	68 45.7	31.8	26.3	1.98
450	1035 A	43 59.7	68 42.1	35.3	35.7	2.24
450	1037	44 20.0	67 29.2	44.5	20.2	2.09
450	1039	44 10.1	67 44.8	38.6	60.3	2.55
450	1041	44 20.5	68 00.2	16.5	7.5	1.86
450	1043	44 08.0	68 13.0	7.8	8.9	1.77
450	1044	42 30.0	67 57.5	48.1	45.4	2.43
450	1047 A	42 30.0	68 16.2	27.3	24.3	1.82
450	1048	42 20.3	68 28.3	35.6	55.4	2.51
450	1050	42 10.5	68 44.5	14.1	21.3	1.74
450	1052	42 09.0	69 14.0	3.0	8.0	0.77
450	1053	41 20.0	71 00.2	10.6	2.9	3.15
450	1054	41 19.2	70 43.0	49.7	19.8	1.69
450	1056	41 11.3	70 12.4	0.	0.	0.50
450	1058	40 57.7	70 00.0	0.	0.	0.49
450	1059	40 30.0	68 29.0	5.0	0.	1.15
450	1061 A	40 11.0	68 29.5	23.4	71.5	2.03
450	1066	40 42.2	71 31.0	15.9	7.3	1.08
450	1068	40 20.5	71 32.0	51.0	23.0	1.75
450	1070	40 02.0	71 32.0	0.	0.	1.72
450	1072	39 54.3	71 44.5	21.0	9.0	1.85
450	1074	39 43.0	71 53.2	13.7	4.0	1.05
450	1077	39 40.0	72 14.0	15.4	5.6	1.13
450	1081	40 00.0	71 57.2	9.0	0.	0.77
450	1083	40 15.2	71 46.0	18.6	10.3	1.34
450	1091	41 32.9	70 48.0	60.7	36.3	2.18
450	1093	41 35.0	70 41.1	7.2	6.8	2.33
450	1100	41 29.4	69 47.1	0.	0.	0.53
450	1103	41 11.2	69 40.5	0.	0.	0.72
450	1106	40 40.3	69 15.3	0.	0.	0.34
450	1108	40 19.1	69 14.3	11.0	0.	2.18
450	1110	39 59.2	69 15.5	8.0	0.	0.60
450	1113	40 40.0	68 00.7	8.0	0.	1.13
450	1115	40 30.5	67 45.5	13.0	0.	1.77
450	1116	40 21.0	67 48.0	7.5	0.	1.12
450	1119	40 39.4	67 00.5	0.	0.	0.53
450	1121	41 16.6	67 16.0	0.	0.	0.45
450	1123	40 59.4	67 00.8	0.	0.	0.18
450	1125	41 10.2	66 31.2	0.	0.	0.32
450	1127	41 30.0	66 32.3	0.	0.	0.56
450	1129	41 50.8	66 45.4	0.	0.	0.72
450	1133	42 20.4	66 02.6	1.4	0.	0.97
450	1135	42 40.0	66 15.6	0.	0.	0.73
450	1136	42 39.0	65 45.0	0.	0.	1.17
450	1138	42 29.4	65 26.0	0.	0.	1.64
450	1143	42 40.5	64 30.0	0.	0.	0.55
450	1152	42 49.5	64 59.6	1.0	0.	4.22
450	1154	42 50.6	65 44.8	0.	0.	1.90
450	1155	43 00.6	65 59.6	2.4	0.	2.16
450	1157	43 10.2	66 14.5	4.3	0.	1.46
450	1160	43 28.5	66 15.0	0.5	0.2	1.67
450	1162	43 50.5	66 15.5	6.7	0.	1.77
450	1163	43 58.2	66 20.6	6.0	0.	1.82
450	1164	44 08.4	66 17.0	25.0	0.	1.26
450	1168	44 30.7	66 15.0	5.3	0.	1.36
450	1169	44 40.7	66 14.3	9.2	12.7	1.43
450	1170	44 39.8	66 28.8	42.6	37.4	1.94
450	1171	44 51.0	66 46.3	33.2	61.9	2.56
450	1172 A	44 39.6	66 57.0	20.8	37.4	1.67
450	1174	44 28.7	67 01.5			1.07
450	1177	44 21.0	66 45.8	17.5	14.2	1.84
450	1178	44 10.0	66 44.1	5.8	1.5	2.12
450	1180	44 10.7	67 15.8	14.4	9.1	1.73
450	1182	44 01.5	69 00.5	24.7	11.3	1.86
450	1184	43 46.7	66 32.5	1.2	0.	1.43
450	1188	42 20.2	69 01.0	29.2	70.9	2.66
450	1191	42 18.5	69 30.0	22.8	77.0	2.55
450	1193 A	42 10.0	69 42.7	26.5	61.5	2.44
450	1195 A	42 20.0	69 58.5	20.8	25.2	2.53
450	1198	42 39.7	70 15.6	0.2	0.	2.05
450	1200	42 29.8	70 44.7	10.4	0.	1.71
450	1202	42 20.6	70 30.0	49.3	46.0	2.62
450	1203	42 10.1	70 30.2	49.5	11.7	1.89
450	1204	42 00.0	70 29.9	1.9	0.	1.37
450	1205	42 00.0	70 15.0	61.5	28.9	2.28
450	1206	41 49.7	70 14.4	17.5	0.	1.94
450	1207	41 50.0	70 28.1	0.	0.	1.74
450	1208	41 39.9	70 42.1	8.5	0.	1.63
450	1209	42 10.0	70 14.3	0.	0.	1.58

CODE #	STATION #		LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1211		41 59.6	69 56.5	0.7	0.	0.79
450	1214	A	41 38.5	69 15.5	34.8	40.7	2.61
450	1216		41 11.8	69 15.5	0.	0.	0.89
450	1217		41 40.6	68 14.8	0.	0.	0.46
450	1219		41 30.7	67 59.5	0.	0.	1.14
450	1222		41 40.4	67 15.8	0.	0.	0.32
450	1224		42 53.8	67 00.5	15.1	9.1	1.88
450	1227		42 29.7	66 45.9	26.9	21.9	1.87
450	1230		43 00.0	65 30.0	7.9	0.	1.78
450	1231		43 00.6	65 00.0	17.7	6.3	1.46
450	1233		43 11.0	64 45.0	6.5	0.	1.42
450	1237		43 10.2	65 44.3	10.0	0.	2.43
450	1239	A	43 18.5	65 56.5	5.0	0.	2.18
450	1241		43 16.0	65 27.2	0.	0.	1.72
450	1242		43 19.8	65 14.6	33.1	12.9	1.43
450	1246		43 30.0	65 00.0	0.5	0.	1.35
450	1248		42 39.6	64 10.0	47.1	12.9	1.43
450	1253	A	42 16.0	64 39.0	19.4	15.7	1.62
450	1255	A	42 08.0	64 53.0	70.7	25.3	2.29
450	1256		41 24.7	71 05.2	0.	0.	2.44
450	1258		41 06.5	71 26.5	0.	0.	1.36
450	1262		39 50.8	71 15.8	42.8	11.2	1.81
450	1264		40 00.8	70 47.5	29.2	6.8	1.39
450	1269		39 50.0	70 30.1	54.9	18.1	1.49
450	1270	A	40 01.0	70 15.6	25.7	4.3	1.73
450	1273		39 53.0	69 45.2	15.0	0.	1.81
450	1279		40 30.7	72 30.0	0.	0.	0.79
450	1281	A	40 30.4	70 00.5	5.7	0.	1.27
450	1289		40 10.6	73 29.8	0.	0.	2.37
450	1291		40 11.5	73 01.3	0.	0.	0.60
450	1293		40 10.3	72 30.3	0.	0.	1.15
450	1295		40 09.9	72 00.4	0.	0.	0.78
450	1303		39 51.1	73 29.7	0.	0.	0.95
450	1305		39 50.5	73 00.6	6.1	8.1	1.29
450	1307		39 50.0	72 30.0	0.	0.	0.94
450	1316		39 20.8	74 13.8	0.	0.	1.08
450	1318		39 20.7	73 45.2	0.	0.	0.80
450	1322		39 20.1	72 45.8	0.	0.	1.14
450	1324	A	39 19.7	72 18.0	16.5	9.5	1.87
450	1326		39 20.6	72 06.5	48.9	14.6	1.82
450	1329	A	39 18.8	71 58.0	42.2	43.8	2.21
450	1332		39 11.0	71 48.6	51.7	39.1	1.94
450	1333		39 10.4	72 01.3	52.7	42.3	2.21
450	1335		39 10.4	72 29.4	28.7	11.2	1.55
450	1337		39 10.2	73 00.3	0.	0.	0.69
450	1339		39 00.8	73 15.0	0.	0.	0.83
450	1341		39 10.4	73 31.0	0.	0.	0.67
450	1344		39 10.3	74 00.1	0.	0.	0.61
450	1346		39 09.3	74 31.1	5.0	0.	2.39
450	1348		39 00.0	74 15.1	0.	0.	2.51
450	1352		39 59.8	73 45.1	0.	0.	0.52
450	1359		38 40.3	73 16.0	0.	0.	0.86
450	1360	A	38 39.5	73 29.7	10.9	2.7	1.15
450	1361		38 40.5	73 46.1	0.	0.	0.48
450	1362		38 40.3	74 00.3	0.	0.	0.88
450	1363		38 30.2	73 45.8	0.	0.	0.32
450	1364		38 30.8	73 30.5	0.	0.	0.55
450	1365		38 31.0	73 25.9	0.	0.	0.84
450	1366		38 31.0	73 19.5	0.	0.	0.47
450	1367		38 30.8	73 14.5	18.7	2.3	1.28
450	1368	A	38 30.7	73 10.8	42.7	52.0	1.82
450	1369	A	39 00.8	72 49.2	3.0	0.	0.80
450	1371		39 03.8	72 40.0	5.1	0.7	1.06
450	1372		39 30.8	72 31.1	4.0	0.	0.77
450	1373		39 30.6	72 45.8	0.	0.	0.49
450	1374		39 30.5	73 01.2	0.	0.	1.04
450	1375		39 31.2	73 15.8	0.	0.	0.69
450	1376		39 31.2	73 30.5	0.	0.	0.88
450	1378		39 37.9	73 59.0	0.	0.	0.39
450	1380		39 55.0	73 59.6	0.	0.	0.14
450	1382	A	40 09.5	73 49.0	0.	0.	0.35
450	1385		40 19.7	73 41.0	5.0	0.	2.20
450	1386		40 31.4	73 36.2	4.0	0.	1.61
450	1388		40 30.5	73 14.4	0.	0.	0.48
450	1390		40 29.6	72 58.4	0.	0.	1.75
450	1391		40 38.6	72 59.1	0.	0.	0.29
450	1394		40 43.9	72 44.1	0.	0.	0.82
450	1396		40 48.2	72 26.0	0.	0.	2.40
450	1398		40 50.5	72 00.1	0.	0.	1.12
450	1400		40 50.1	71 44.0	8.3	0.	2.16
450	1407		41 33.5	70 21.6	0.	0.	0.54
450	1409		41 22.6	70 10.7	15.0	0.	1.81
450	1411		41 13.5	69 55.6	0.	0.	0.16
450	1415		38 30.0	74 00.0	2.0	0.	0.60
450	1419		37 50.7	74 31.3	1.5	0.	1.00
450	1420		37 39.2	74 41.9	2.0	0.	0.78
450	1423		37 04.5	75 00.6	1.0	0.	0.55
450	1425		36 44.8	74 58.8	0.	0.	0.19
450	1428	A	36 20.3	75 14.4	0.	0.	0.22
450	1430		35 59.6	75 14.0	1.0	0.	0.64

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1432	35 40.2	75 14.8	1.0	0.	1.05
450	1434	35 20.0	75 15.3	2.0	0.	1.53
450	1436	35 06.5	75 21.1	0.	0.	0.48
450	1438	34 55.5	75 43.8	1.0	0.	0.62
450	1440	34 50.0	75 59.8	1.5	0.	0.25
450	1441 A	34 51.0	76 13.8	2.0	0.	0.89
450	1443 A	34 29.5	76 17.0	4.0	0.	0.75
450	1445	34 19.8	76 30.6	2.0	0.	0.40
450	1447	34 29.4	76 46.1	2.0	0.	0.81
450	1449	34 17.6	77 00.9	2.0	0.	1.10
450	1450	34 19.2	77 13.9	0.	0.	0.93
450	1452	34 09.0	77 29.2	0.	0.	1.52
450	1454	33 59.2	77 44.0	0.	0.	0.61
450	1456	33 40.6	77 30.0	0.	0.	0.72
450	1459	33 34.4	77 41.1	0.	0.	0.34
450	1461	33 30.0	77 59.1	0.	0.	0.79
450	1463	33 41.1	78 16.0	2.0	0.	1.37
450	1465 A	33 30.0	78 30.1	0.	0.	0.58
450	1467	33 20.6	78 45.0	0.	0.	0.49
450	1469	33 09.7	78 30.1	0.	0.	0.61
450	1471	33 09.5	79 00.0	0.	0.	0.43
450	1473	32 59.1	78 45.0	0.	0.	0.37
450	1475	32 49.6	79 00.4	0.	0.	0.56
450	1476	32 49.3	79 14.4	0.	0.	0.39
450	1479	32 29.6	79 30.1	0.	0.	0.64
450	1481	32 20.0	79 46.1	0.	0.	0.98
450	1483	32 20.0	80 13.5	0.	0.	1.60
450	1485	31 58.8	80 14.8	0.	0.	0.80
450	1486 A	31 58.2	80 30.0	1.0	0.	1.90
450	1488 A	31 50.5	80 45.0	2.0	0.	1.34
450	1490	31 29.4	80 46.0	0.	0.	0.95
450	1492	31 20.4	81 01.0	0.	0.	0.34
450	1494	30 59.5	80 59.8	0.	0.	1.65
450	1496	30 50.1	81 13.4	0.	0.	2.06
450	1498	30 40.2	81 00.2	0.	0.	0.77
450	1500	30 29.6	81 15.3	0.	0.	0.48
450	1502	30 18.7	80 58.6	0.	0.	0.73
450	1504	30 15.3	81 19.6	0.	0.	0.63
450	1505	30 09.9	81 12.8	0.	0.	0.41
450	1507	29 59.0	81 02.3	0.	0.	0.54
450	1509 A	29 50.1	81 13.9	3.0	0.	2.01
450	1511	29 49.2	80 46.0	0.	0.	0.67
450	1513	29 39.5	81 00.0	1.0	0.	0.69
450	1515	29 40.4	81 11.5	22.6	26.4	3.89
450	1516	29 30.0	81 05.8	18.0	29.0	3.19
450	1518	29 20.9	81 01.5	14.1	31.9	2.01
450	1519	29 11.0	80 53.9	8.4	13.6	1.87
450	1520	29 00.0	80 50.0	9.2	21.8	1.88
450	1522	28 59.7	80 29.7	0.	0.	0.53
450	1524	28 49.5	80 14.0	0.	0.	0.83
450	1526	28 49.6	80 38.6	2.0	0.	1.04
450	1527	28 41.8	80 29.8	0.	0.	0.53
450	1529	28 29.2	80 10.7	2.0	0.	0.75
450	1531	28 20.0	80 23.1	0.	0.	0.71
450	1533	28 20.9	80 00.5	4.0	0.	0.49
450	1535	28 09.8	80 11.0	1.0	0.	0.50
450	1537 A	28 10.3	80 28.6	3.0	0.	0.82
450	1539	28 00.5	80 20.0	0.	0.	0.34
450	1541	28 00.1	80 00.1	14.7	5.3	0.96
450	1543	27 49.5	80 10.8	0.	0.	0.48
450	1545 A	27 39.6	80 18.0	0.	0.	0.37
450	1547	27 29.5	80 08.4	0.	0.	0.66
450	1551	27 01.5	80 03.4	1.0	0.	0.52
450	1553	26 41.6	80 00.9	0.	0.	0.45
450	1555	26 21.1	80 03.2	2.0	0.	0.70
450	1556	26 10.6	80 04.2	4.0	0.	0.49
450	1559	25 54.7	80 06.0	0.	0.	0.14
450	1560	25 54.5	80 02.5	8.0	0.	0.57
450	1561	25 39.7	80 02.7	46.7	30.3	0.28
450	1563	25 19.0	80 07.0	1.0	0.	1.04
450	1565	25 01.0	80 18.3	0.	0.	0.01
450	1567	24 48.2	80 36.0	57.2	25.3	-0.03
450	1569	24 37.6	80 56.0	31.7	14.3	0.12
450	1571	24 32.0	81 16.5	22.6	14.4	0.09
450	1573	24 26.7	81 38.9	14.0	11.0	0.21
450	1576	24 20.1	81 55.3	23.8	17.2	0.83
450	1580 A	24 10.0	81 22.0	37.1	26.9	0.25
450	1583 A	24 24.6	81 05.4	2.0	0.	0.25
450	1585	24 24.3	80 52.0	0.	0.	0.23
450	1586 B	24 18.0	80 39.0			0.37
450	1588	24 39.4	80 37.3	0.	0.	0.23
450	1592	24 37.3	80 15.7	51.5	35.0	0.33
450	1595	24 54.8	80 03.5	28.2	19.8	0.13
450	1596	25 06.5	80 04.6	1.0	0.	0.99
450	1599	25 18.3	79 49.3	51.7	28.3	0.21
450	1602	25 42.0	79 38.0	34.0	16.0	0.28
450	1603	25 50.2	79 35.1	30.2	13.8	0.30
450	1604	25 50.6	79 45.0	9.0	0.	0.41
450	1606	25 57.4	79 48.0	7.0	0.	0.81
450	1608	26 12.5	79 46.0	43.1	18.9	0.71

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1610	26 23.5	79 47.6	7.0	0.	0.47
450	1612	26 31.0	79 56.2	1.0	0.	0.63
450	1614	26 49.7	79 49.5	23.7	13.7	0.44
450	1616	26 59.7	79 28.0	10.0	0.	0.46
450	1617 A	27 02.0	79 39.6	52.1	27.9	0.29
450	1619	27 09.8	79 52.0	50.3	24.7	0.80
450	1620	27 10.0	80 00.0	9.0	0.	0.61
450	1621	27 20.0	80 00.0	0.	0.	0.26
450	1623	27 30.0	79 50.0	59.9	25.1	0.92
450	1625	27 40.1	80 02.5	29.1	7.9	1.16
450	1627	27 50.9	79 51.0	66.7	19.3	1.06
450	1629	27 51.5	79 25.0	1.5	0.	0.58
450	1631	28 03.6	79 41.0	39.4	18.6	0.57
450	1633	28 10.4	79 48.9	54.3	42.0	0.80
450	1635	28 30.8	79 52.0	54.5	42.8	0.77
450	1637	28 40.1	79 59.9	43.9	5.2	0.98
450	1641	28 52.2	79 24.1	14.0	11.0	0.26
450	1642	28 59.2	79 30.8	4.0	0.	0.45
450	1644	29 09.8	79 44.3	44.1	32.9	0.62
450	1648	29 50.7	79 44.0	45.2	46.3	0.29
450	1650	30 01.0	79 30.5	4.0	0.	0.65
450	1653	30 22.5	79 26.5	30.9	35.1	0.72
450	1655	30 40.1	79 29.0	38.1	39.9	0.65
450	1657 A	30 40.0	80 00.0	1.0	0.	5.57
450	1658	30 49.8	80 00.4	18.2	8.8	0.52
450	1659	31 00.1	79 59.0	0.	0.	0.26
450	1660	31 10.1	79 58.0	0.	0.	0.32
450	1661	31 19.6	80 00.4	0.	0.	0.22
450	1662	31 30.8	80 01.2	0.	0.	0.41
450	1663	31 40.7	79 59.7	0.	0.	0.33
450	1664	31 40.4	80 14.6	0.	0.	0.37
450	1666	31 51.0	80 20.5	0.	0.	0.80
450	1667	31 50.4	80 11.5	0.	0.	1.58
450	1668	31 49.4	80 01.1	0.	0.	0.70
450	1669	32 00.5	79 58.8	0.	0.	0.35
450	1670	32 10.8	80 00.0	0.	0.	0.74
450	1671	32 10.0	79 45.6	0.	0.	0.27
450	1672	32 17.9	79 35.0	0.	0.	0.22
450	1674	32 27.6	79 58.8	0.	0.	0.72
450	1676	32 07.6	80 28.4	0.	0.	0.91
450	1679	31 09.6	80 45.6	0.	0.	0.41
450	1680	31 00.0	80 44.8	0.	0.	1.06
450	1681	30 49.8	80 45.0	0.	0.	0.68
450	1682	30 40.0	80 47.2	0.	0.	0.65
450	1683	30 29.8	80 44.0	0.	0.	0.74
450	1684	30 19.8	80 44.2	0.	0.	0.71
450	1685	30 10.0	80 45.0	0.	0.	0.51
450	1687	29 30.7	80 46.7	0.	0.	0.38
450	1689	29 09.4	80 44.1	0.	0.	0.79
450	1690	29 10.3	80 30.1	0.	0.	0.45
450	1691	29 20.3	80 28.6	0.	0.	0.38
450	1693	29 39.6	80 29.4	0.	0.	0.42
450	1695	30 00.0	80 29.6	0.	0.	0.47
450	1697	30 20.4	80 30.0	0.	0.	0.69
450	1698	30 29.5	80 28.7	0.	0.	0.32
450	1699	30 40.0	80 29.8	0.	0.	0.50
450	1700	30 50.0	80 29.8	0.	0.	0.43
450	1701	31 00.2	80 29.5	0.	0.	0.58
450	1702	31 11.2	80 32.0	0.	0.	0.30
450	1703	31 21.0	80 29.5	0.	0.	0.98
450	1704	31 30.8	80 30.0	0.	0.	0.41
450	1705	31 30.1	80 16.5	0.	0.	0.34
450	1706	31 20.0	80 13.9	0.	0.	0.40
450	1707	31 09.4	80 12.6	0.	0.	0.35
450	1708	31 00.0	80 15.0	0.	0.	0.30
450	1709	30 50.0	80 15.3	0.	0.	0.35
450	1710	30 40.5	80 13.5	0.	0.	0.24
450	1711	30 29.8	80 13.7	0.	0.	0.32
450	1712	30 20.2	80 15.0	0.	0.	0.31
450	1713	30 10.6	80 14.7	1.0	0.	0.26
450	1715	29 50.3	80 15.5	2.0	0.	0.44
450	1717	29 30.5	80 15.5	5.0	0.	0.32
450	1720	29 00.3	80 07.3	5.0	0.	0.38
450	1721	28 50.4	80 00.5	50.6	19.4	1.01
450	1722	28 59.3	79 54.8	52.3	43.7	0.78
450	1724	29 10.0	80 05.0	44.6	20.4	0.81
450	1725	29 20.4	80 01.3	57.4	35.6	0.63
450	1727	29 39.6	79 59.4	42.9	30.1	0.54
450	1729	29 59.5	79 57.9	10.0	0.	0.63
450	1730 A	30 05.3	80 04.2	18.2	15.8	1.23
450	1732	30 08.8	79 43.5	40.4	40.6	0.63
450	1734	30 20.4	79 44.0	36.6	29.4	0.41
450	1736	30 23.4	80 05.4	9.5	14.4	1.54
450	1737	30 30.4	80 02.4	8.0	0.	2.72
450	1738	30 31.2	79 52.0	4.0	0.	1.75
450	1741	30 39.3	79 10.5	3.0	0.	0.19
450	1743	30 51.0	79 24.0	8.0	0.	0.18
450	1745	30 51.8	79 43.7	0.	0.	1.70
450	1746	31 00.0	79 44.5	4.0	0.	4.77
450	1747	31 08.8	79 46.5	5.0	0.	3.62

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1748	31 11.4	79 28.5	5.0	0.	0.75
450	1750	31 18.2	79 45.8	16.8	7.2	0.77
450	1751	31 29.9	79 46.2	1.0	0.	0.21
450	1752	31 28.7	79 29.0	2.5	0.	4.03
450	1753	31 39.2	79 29.8	56.3	13.7	0.80
450	1754	31 39.4	79 45.2	0.	0.	0.28
450	1755	31 49.9	79 45.4	0.	0.	0.21
450	1756	31 49.8	79 30.6	3.0	0.	0.87
450	1757	32 00.8	79 30.4	0.	0.	0.29
450	1758	31 59.7	79 45.2	0.	0.	0.36
450	1759	32 04.9	79 38.3	0.	0.	0.43
450	1760	32 10.0	79 30.5	0.	0.	0.55
450	1761	32 10.6	79 15.5	0.	0.	0.29
450	1761					0.43
450	1762	31 59.2	79 15.1	6.5	4.4	1.83
450	1763	31 49.8	79 14.5	56.6	23.4	0.62
450	1764	31 40.5	79 14.6	18.4	13.6	0.51
450	1766	31 49.0	79 00.2	1.0	0.	0.96
450	1768	31 53.8	78 29.5	1.0	0.	0.72
450	1771	32 09.7	79 00.7	42.6	15.4	1.21
450	1773	32 20.8	78 44.4	29.0	18.0	3.72
450	1774	32 20.0	79 00.0	2.0	0.	0.29
450	1775	32 19.8	79 16.5	1.0	0.	0.80
450	1776	32 21.7	79 26.8	0.	0.	0.44
450	1777	32 40.5	79 35.1	0.	0.	1.09
450	1778	32 30.2	79 14.9	0.	0.	0.95
450	1779	32 30.7	78 58.8	0.	0.	0.28
450	1783	32 37.4	78 28.2	9.0	0.	0.78
450	1785	32 40.5	78 14.0	2.0	0.	1.12
450	1787	32 49.7	78 29.8	0.	0.	0.54
450	1790	33 10.7	78 15.5	0.	0.	0.74
450	1793	33 10.0	78 00.6	0.	0.	0.55
450	1795	32 50.2	77 59.8	2.0	0.	1.73
450	1801	33 00.5	77 45.7	6.0	0.	0.75
450	1803	33 19.7	77 45.2	0.	0.	0.36
450	1805	33 29.1	77 30.2	0.	0.	0.27
450	1806	33 20.3	77 30.3	0.	0.	1.02
450	1807	33 11.3	77 30.0	0.	0.	0.43
450	1809	32 50.0	77 30.1	4.0	0.	1.00
450	1811	33 00.5	77 16.2	26.8	12.8	1.61
450	1813	33 19.2	77 15.0	0.	0.	0.39
450	1815	33 39.6	77 15.2	1.0	0.	0.73
450	1817	34 00.0	77 14.4	0.	0.	0.90
450	1818	34 09.0	76 59.8	0.	0.	0.47
450	1820	33 50.6	77 01.2	0.	0.	1.11
450	1822	33 30.0	76 59.9	0.	0.	0.45
450	1824	33 09.8	77 00.5	0.	0.	0.82
450	1826	32 50.1	76 59.5	4.0	0.	0.64
450	1828	32 37.0	76 41.8	44.6	27.1	0.74
450	1830 A	32 25.7	76 22.1	60.5	37.2	1.25
450	1834	32 56.2	76 23.1	56.2	36.8	0.79
450	1836	33 10.2	76 29.3	23.8	17.2	0.65
450	1840	33 30.7	76 29.5	2.0	0.	0.56
450	1842	33 39.2	76 44.5	0.	0.	0.48
450	1843	33 50.4	76 44.8	0.	0.	0.60
450	1844	33 49.6	76 29.3	2.0	0.	0.42
450	1845	33 59.5	76 29.3	0.	0.	0.48
450	1846	34 00.0	76 44.3	0.	0.	1.12
450	1847	34 09.1	76 44.0	0.	0.	1.18
450	1849	34 10.4	76 14.1	1.0	0.	0.59
450	1850	34 00.5	76 14.0	3.0	0.	0.58
450	1852	33 44.8	76 08.6	4.0	0.	1.16
450	1853	33 44.7	75 57.3	53.1	43.6	0.78
450	1855	34 00.2	75 59.7	5.0	0.	0.67
450	1857	34 18.7	76 00.1	0.	0.	0.27
450	1859	34 39.5	76 00.6	1.0	0.	0.37
450	1860	34 37.0	75 44.4	1.0	0.	0.69
450	1862	34 41.1	75 27.7	56.8	36.7	0.83
450	1863	34 51.3	75 30.5	3.0	0.	0.68
450	1865	35 00.5	75 17.0	2.0	0.	0.83
450	1868	35 12.7	74 59.0	31.8	18.2	1.49
450	1870	35 28.7	74 58.0	2.0	0.	0.93
450	1871	35 41.1	75 01.9	0.	0.	0.63
450	1872	35 50.0	75 00.0	8.0	0.	0.20
450	1874	36 09.2	74 58.0	1.0	0.	0.36
450	1876	36 29.8	74 59.5	0.	0.	0.27
450	1878	36 40.0	74 45.1	0.	0.	0.92
450	1880	36 56.8	74 44.9	0.	0.	0.83
450	1881	37 05.1	74 44.2	36.1	19.4	0.46
450	1883	37 20.2	74 45.5	0.	0.	0.62
450	1884	37 18.7	74 29.4	25.8	13.2	0.45
450	1885	37 26.7	74 29.2	21.6	12.4	0.59
450	1888	37 40.5	74 15.0	0.	0.	0.80
450	1890	38 00.0	74 15.5	0.	0.	0.63
450	1892 A	38 10.2	74 00.3	0.	0.	0.48
450	1893	38 10.4	73 51.6	30.4	27.6	1.42
450	1896	41 58.2	70 36.4	0.	0.	2.75
450	1897	42 10.3	70 42.1	5.0	0.	1.18
450	1898	42 20.00	70 00.12	42.7	35.8	3.05
450	1899	42 24.8	70 56.0	6.3	0.	1.82

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	1900	42 40.08	70 41.57	0.	0.	1.17
450	1901	42 48.63	70 52.20	0.	0.	1.14
450	1902	43 50.9	69 38.4	33.5	65.5	1.57
450	1903	44 20.90	68 19.00	35.1	63.9	0.84
450	1904	44 21.43	68 09.40	21.6	25.8	2.31
450	1905	44 28.07	68 12.68	39.3	55.7	1.40
450	1906	44 18.6	68 31.2	39.7	58.3	1.27
450	1907	44 28.20	68 26.75	33.0	65.7	1.01
450	1908	44 11.08	68 31.00	13.3	11.6	2.51
450	1909	44 08.97	68 43.47	45.4	38.6	1.47
450	1910	44 18.12	68 46.83	41.2	55.8	1.31
450	1912	44 24.08	68 56.68	38.5	61.6	1.53
450	1913	44 28.67	68 47.72	49.1	29.4	1.50
450	1914	44 36.00	68 49.30	22.4	4.4	1.24
450	1915	44 38.47	68 50.15	24.2	24.8	3.06
450	1917	44 16.45	68 38.07	41.8	50.2	1.01
450	1918	43 58.00	69 10.50	13.0	11.0	1.69
450	1919	43 56.70	69 25.08	37.5	56.5	0.84
450	1920	43 48.40	69 41.90	36.9	46.1	1.79
450	1922	44 01.17	69 49.22	0.	0.	1.34
450	1924	43 45.60	69 52.43	58.3	18.3	2.05
450	1925	43 47.07	70 01.63	49.4	41.1	1.65
450	1927	43 29.5	70 20.7	7.0	0.	2.24
450	1928	43 08.6	70 35.4	58.5	28.4	3.47
450	1929	41 48.6	70 04.3	0.	0.	0.51
450	1931	41 30.0	71 13.2	2.0	0.	2.25
450	1932	41 40.10	71 13.22	57.2	38.8	1.94
450	1933	41 41.33	71 19.50	55.5	14.7	1.49
450	1934	41 35.58	71 23.25	50.1	13.4	2.03
450	1935	41 28.53	71 24.58			0.76
450	1937	41 18.6	71 46.6	1.4	0.	2.64
450	1939	41 25.33	72 05.58	32.7	11.3	1.49
450	1941	41 23.33	72 24.65	17.2	2.3	1.49
450	1942	41 10.3	72 30.0	0.	0.	0.84
450	1944	41 06.5	72 44.6	50.2	16.3	1.87
450	1946	41 00.0	72 59.5	33.2	28.8	1.40
450	1949	40 58.4	73 31.1	32.6	41.5	2.19
450	1951 B	40 56.75	73 54.52			1.93
450	1953	40 38.38	74 03.48	0.	0.	1.14
450	1955	40 30.30	74 18.88	30.0	26.0	2.75
450	1956	40 29.08	73 58.23	0.	0.	0.32
450	1958	40 12.80	73 58.32	3.0	0.	1.89
450	1959	39 59.63	74 02.38	0.	0.	0.29
450	1960	39 50.15	74 04.05	0.	0.	0.31
450	1962	39 21.28	74 23.33	5.0	0.	1.26
450	1964	39 08.88	74 40.33	9.0	0.	1.49
450	1968	39 00.0	75 13.6	4.0	0.	0.76
450	1970	39 09.5	75 01.0	16.0	11.0	1.70
450	1972	39 16.1	75 21.8	19.9	13.1	0.95
450	1974	39 33.32	75 32.85	0.	0.	0.29
450	1976	39 18.2	76 13.6	60.7	36.3	4.04
450	1978	38 59.8	76 22.5	31.2	65.5	2.26
450	1980	38 40.6	76 25.4	36.1	63.7	2.27
450	1982	38 19.6	76 19.6	28.7	36.3	1.72
450	1984	38 03.33	76 23.97	43.4	55.2	2.29
450	1985	37 56.2	76 09.5	10.0	0.	1.01
450	1987	37 44.7	75 52.8	53.0	30.0	1.72
450	1989	37 35.6	76 19.8	67.2	19.8	1.86
450	1990	37 25.2	76 06.9	54.2	11.8	1.58
450	1992	37 13.9	76 19.7	61.6	29.4	1.53
450	1994	36 58.4	76 21.0	8.0	0.	1.36
450	1995	36 59.3	76 08.4	8.0	0.	1.15
450	1996	37 01.5	75 55.8	2.0	0.	0.19
450	1997	37 09.8	75 43.8	4.0	0.	1.34
450	1999	37 29.7	75 34.9	0.	0.	0.95
450	2001	37 49.2	75 24.9	41.7	25.3	2.72
450	2002	38 19.1	75 03.9	2.0	0.	1.84
450	2003	38 29.8	74 59.4	2.0	0.	0.75
450	2005	40 34.0	73 44.7	6.0	0.	3.01
450	2006	40 36.0	73 20.2	3.0	0.	1.48
450	2008	41 08.5	72 11.7	33.8	13.2	2.50
450	2010	41 10.2	71 45.1	0.	0.	0.47
450	2025	38 50.0	74 30.0	0.	0.	0.20
450	2027 A	38 39.9	74 45.2	7.0	0.	0.72
450	2029	38 40.0	74 14.3	0.	0.	0.39
450	2031	38 20.0	74 15.0	0.	0.	0.33
450	2033	38 19.2	74 45.5	0.	0.	0.24
450	2035	38 09.5	74 59.5	0.	0.	0.29
450	2039	37 50.1	75 00.0	0.	0.	0.31
450	2041	37 40.0	75 14.2	0.	0.	1.05
450	2043	37 30.5	75 00.0	0.	0.	0.64
450	2047	37 19.0	75 15.5	3.0	0.	0.34
450	2049 A	37 10.0	75 29.0	7.0	0.	0.77
450	2051	37 00.0	75 15.0	2.0	0.	1.24
450	2053	36 40.0	75 14.9	0.	0.	0.19
450	2055	36 50.0	75 30.0	0.	0.	0.39
450	2057	36 48.5	75 45.0	4.0	0.	0.83
450	2059	36 30.0	75 45.0	5.0	0.	2.65
450	2062	36 19.6	75 30.0	4.0	0.	0.93
450	2064	36 00.0	75 29.7	0.	0.	0.36

CODE #	STATION #		LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	2069		36 00.0	74 43.2	60.6	32.4	1.84
450	2071		35 59.7	74 14.5	48.2	45.8	2.11
450	2073		36 14.6	74 00.0	46.2	43.8	1.89
450	2075		36 15.5	74 24.1	41.5	37.5	2.02
450	2077		36 15.0	74 42.5	52.5	30.5	1.93
450	2079		36 30.1	74 36.4	52.9	45.0	2.06
450	2080		36 35.4	74 43.5	1.0	0.	1.08
450	2084		36 44.7	74 29.6	53.0	44.4	1.98
450	2086		36 50.2	74 00.0	44.1	50.3	2.10
450	2088		37 11.0	74 15.2	41.9	50.1	0.71
450	2089		37 11.0	74 26.0	52.6	45.8	2.14
450	2091		37 22.3	74 23.7	57.1	35.0	1.80
450	2093		37 29.5	74 07.9	53.5	42.3	1.84
450	2096		37 31.3	73 33.5	44.0	52.7	1.95
450	2098		37 45.0	73 38.2	50.4	46.0	1.74
450	2099		37 47.9	73 47.5	50.2	43.4	1.70
450	2101		37 55.4	73 54.0	60.3	34.9	1.67
450	2103		37 59.6	73 54.0	14.9	8.1	1.16
450	2104		38 10.0	74 28.5	0.	0.	0.37
450	2106		38 29.8	74 29.2	0.	0.	1.03
450	2107		38 12.0	73 37.2	64.8	33.2	1.71
450	2110		38 03.1	72 57.8	41.1	51.7	1.64
450	2112		38 24.7	73 19.0	40.4	55.6	2.05
450	2113		38 35.2	72 53.4	43.5	49.8	1.74
450	2114		38 53.6	72 45.0	57.0	40.1	1.99
450	2117		38 15.6	72 29.0	33.2	59.7	1.66
450	2119		38 34.0	72 14.8	34.2	57.3	1.68
450	2121		39 02.2	72 21.8	38.7	55.5	2.18
450	2123		39 15.0	72 14.0	56.3	21.0	1.61
450	2125		38 45.9	71 44.5	40.8	51.5	1.74
450	2128		39 26.3	71 45.2	48.3	50.8	1.99
450	2129		39 44.6	71 44.7	65.3	20.7	1.77
450	2131		39 50.0	71 25.0	65.8	25.7	1.64
450	2132	A	39 38.5	71 13.5	26.2	22.9	1.66
450	2134		39 15.5	71 21.9	60.1	38.7	1.64
450	2136		39 37.1	70 51.8	33.3	54.5	1.73
450	2138		39 55.0	70 51.9	48.8	14.7	1.48
450	2140		39 45.4	70 15.5	54.3	42.8	1.82
450	2141		39 41.8	70 28.8	54.2	40.3	1.71
450	2143		39 15.1	70 29.4	45.0	53.4	1.61
450	2145		38 53.0	69 59.0	58.0	41.2	1.64
450	2146		39 15.1	69 59.4	42.7	55.5	1.70
450	2149		39 56.6	69 54.0	2.0	0.	0.59
450	2151		39 35.0	69 45.1	49.4	49.3	1.73
450	2152		39 46.6	69 30.3	38.4	18.6	1.46
450	2154		39 08.3	69 27.8	38.2	51.9	1.49
450	2156		39 25.0	68 59.6	40.8	41.7	1.46
450	2158		39 42.9	69 06.3	57.4	39.7	1.71
450	2160		39 58.6	69 06.0	40.5	19.5	1.48
450	2162		39 51.1	68 40.3	56.8	41.9	1.74
450	2164		39 24.3	68 20.0	42.9	56.9	1.72
450	2166		38 51.5	67 52.0	39.1	39.8	1.21
450	2167		39 00.0	67 27.0	40.2	35.1	1.89
450	2168		39 41.0	67 58.7	43.9	54.2	2.38
450	2169		39 50.2	67 40.7	51.8	41.2	1.70
450	2171		39 58.5	68 09.8	46.6	21.4	1.84
450	2172		40 06.7	68 11.0	40.1	15.4	1.44
450	2175		40 04.0	68 33.0	6.9	1.2	0.89
450	2176		40 05.0	68 44.1	5.0	0.	1.30
450	2177		40 01.5	68 55.8	33.3	5.2	1.58
450	2181		40 14.0	67 46.4	48.0	9.8	2.38
450	2185		40 17.0	67 28.0	57.7	23.3	1.83
450	2188		40 09.4	66 45.0	54.1	37.4	1.86
450	2189		40 18.2	67 00.3	57.0	35.2	2.11
450	2191	A	40 42.0	66 44.9	57.8	4.3	1.14
450	2194		40 46.1	66 25.0	40.9	18.6	1.87
450	2196		41 03.8	66 24.0	28.8	4.2	1.54
450	2201		41 16.4	65 44.4	41.6	25.4	1.54
450	2203		41 34.8	65 43.3	43.1	21.7	1.45
450	2205		41 43.8	65 25.5	20.7	5.6	1.18
450	2206		41 25.2	65 36.7	51.2	21.8	1.54
450	2210		42 01.5	65 32.6	12.2	13.5	0.83
450	2211		42 02.2	65 12.5	60.5	30.7	1.89
450	2220		36 16.1	76 08.0	46.1	51.4	2.30
450	2223		35 59.8	76 26.1	22.3	77.1	2.31
450	2225		35 52.1	76 47.2	55.8	21.7	3.86
450	2226		36 04.3	76 42.6	42.8	49.2	2.86
450	2228		36 04.3	75 56.1	41.7	47.3	1.88
450	2231		35 51.4	75 42.1	2.0	0.	1.18
450	2234		35 23.9	75 39.3	69.1	17.9	1.61
450	2237		35 20.5	75 59.9	48.0	30.5	1.54
450	2239		35 18.8	76 25.7	50.6	48.5	2.29
450	2242		35 07.8	76 17.0	30.4	8.6	0.85
450	2244		35 01.1	76 39.4	44.8	52.4	2.32
450	2246		35 04.3	77 00.4	42.3	52.6	1.72
450	2250		33 47.2	78 27.2	0.	0.	1.14
450	2252		33 33.3	78 56.9	3.0	0.	0.63
450	2254		33 13.7	79 05.5	3.0	0.	1.18
450	2255		33 22.13	79 15.85	13.1	42.9	1.38
450	2257		33 07.1	79 09.0	0.	0.	0.53

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	2259	32 57.0	79 21.9	3.0	0.	5.39
450	2261	32 50.4	79 33.8	0.	0.	0.56
450	2263	32 37.9	80 16.4	1.0	0.	0.91
450	2265	32 26.1	80 22.8	0.	0.	0.60
450	2267	32 30.3	80 38.9	1.0	0.	11.03
450	2268	32 16.4	80 41.7	0.	0.	1.03
450	2270	32 04.4	80 58.1	0.	0.	0.74
450	2271	31 50.5	81 03.9	4.0	0.	2.03
450	2272	31 54.2	81 10.5	1.0	0.	0.48
450	2273	31 42.55	81 07.73	0.	0.	0.42
450	2274	31 32.6	81 11.57	4.0	0.	1.50
450	2275	31 31.0	81 17.95	3.6	7.5	1.61
450	2276	31 24.22	81 18.22	10.5	18.5	1.91
450	2277 A	31 19.2	81 18.25	0.	0.	0.33
450	2278	31 19.98	81 23.02	0.	0.	0.27
450	2279	31 07.93	81 24.83	0.	0.	0.57
450	2280	31 05.8	81 16.9	5.0	0.	2.00
450	2281	30 55.8	81 18.9	7.0	0.	4.83
450	2282	30 48.7	81 22.1	5.0	0.	1.73
450	2283	30 38.6	81 24.3	2.0	0.	0.51
450	2285	30 21.7	81 22.8	0.	0.	3.88
450	2286	30 43.3	81 29.2	21.1	40.9	1.38
450	2287	31 00.2	81 26.3	10.1	16.9	2.08
450	2288	31 14.5	81 11.2	0.	0.	0.26
450	2289	31 19.5	81 11.8	3.0	0.	2.39
450	2291	31 40.7	81 01.3	8.0	0.	1.80
450	2292	31 45.9	80 53.4	0.	0.	0.56
450	2293	31 52.1	80 52.4	6.0	0.	2.10
450	2294	31 58.3	80 45.1	0.	0.	0.47
450	2295	32 05.1	80 37.5	0.	0.	1.19
450	2296	32 15.7	80 27.0	5.0	0.	1.08
450	2297	32 28.0	80 13.3	0.	0.	3.20
450	2298	32 32.8	80 04.9	3.0	0.	4.73
450	2300	32 46.9	79 57.6	24.8	52.2	2.16
450	2301	32 49.6	79 55.7	33.6	48.4	4.98
450	2304A	33 30.3	79 08.1			0.26
450	2304B	33 31.8	79 06.4	0.	0.	0.22
450	2304C	33 33.3	79 05.2	0.	0.	0.41
450	2304D	33 37.5	79 05.9	0.	0.	0.31
450	2305	33 38.8	77 54.8	0.	0.	0.29
450	2307	34 04.6	77 47.9	5.0	0.	0.57
450	2309	34 20.6	77 34.6	6.0	0.	0.74
450	2313	34 37.6	76 45.2	0.	0.	1.08
450	2315	34 29.8	76 32.2	2.0	0.	0.97
450	2317	34 42.5	76 23.0	0.	0.	0.26
450	2319	35 02.9	75 57.0	2.0	0.	0.43
450	2321	35 09.3	75 37.9	16.0	0.	1.01
450	2323	35 16.3	75 27.8	10.0	0.	2.18
450	2325	35 37.2	75 23.6	0.	0.	0.15
450	2328	36 04.4	75 38.8	10.0	0.	1.48
450	2330	36 25.7	75 49.1	6.0	0.	0.71
450	2332	36 45.1	75 54.2	6.0	0.	1.65
450	2335	32 52.8	76 50.0	0.	0.	0.68
450	2336	32 15.0	76 53.0	48.8	31.2	0.63
450	2338 A	32 01.0	77 16.0	30.1	23.9	4.92
450	2338 B	32 01.0	77 16.0			1.63
450	2340	31 29.0	77 20.0	33.5	11.5	1.67
450	2342	31 00.0	77 31.5	6.8	7.2	0.43
450	2344	30 28.5	77 29.3	2.7	3.9	0.40
450	2345	30 14.5	77 16.0	8.0	0.	0.27
450	2346	30 01.3	76 59.8	22.6	14.4	0.38
450	2347 A	29 55.1	76 40.5	62.5	15.5	0.22
450	2347 B	29 55.1	76 40.5			0.21
450	2349	29 28.7	76 59.4	4.0	0.	0.41
450	2351	29 30.0	77 29.5	46.2	13.8	0.26
450	2353	29 00.5	77 29.7	20.0	0.	0.22
450	2356	28 59.5	76 56.0	49.1	19.9	0.40
450	2358	28 31.0	77 02.0	9.6	4.1	0.34
450	2360	27 59.5	77 30.7	2.0	0.	0.20
450	2362	27 51.0	78 01.5	34.1	18.9	0.37
450	2364	28 10.0	78 30.0	33.0	16.0	0.35
450	2366	28 29.3	79 00.5	0.	0.	0.34
450	2368	29 00.0	79 01.2	28.2	18.8	0.38
450	2370	29 31.3	79 00.1	19.9	12.1	0.49
450	2373	30 15.8	78 45.0	6.0	0.	0.54
450	2378	30 26.5	78 06.0	15.6	6.4	0.44
450	2380	30 49.8	78 04.5	0.	0.	0.40
450	2384	30 54.5	78 43.0	0.	0.	0.72
450	2386	31 00.2	79 00.0	1.0	0.	0.49
450	2389	31 23.0	78 40.0	0.	0.	0.40
450	2392	31 29.0	78 00.0	0.	0.	0.61
450	2394	31 47.0	77 36.9	0.	0.	0.48
450	2396	31 53.6	77 58.2	0.	0.	0.37
450	2414	30 16.0	79 55.1	9.0	0.	0.73
450	2416	30 16.5	80 18.7	0.	0.	0.38
450	2431	26 46.1	79 58.4	20.0	8.0	0.69
450	2434	26 16.0	80 02.9	18.4	13.6	0.27
450	2436	25 44.9	80 03.9	12.1	2.9	0.30
450	2443	26 24.6	79 11.4	32.3	14.7	0.18
450	2445	26 38.8	79 09.6	12.0	8.5	0.31

CODE #	STATION #	LATITUDE	LONGITUDE	SILT %	CLAY %	ACTIVITY CPM/G
450	2447	26 53.5	79 10.2	9.0	6.3	0.22
450	2449	27 04.2	79 28.2	24.1	10.9	0.44
450	2451	27 21.5	79 41.0	51.1	23.6	0.38
450	2453	27 27.1	79 12.1	8.0	0.	0.16
450	2455	27 32.5	78 44.5	55.9	21.1	0.13
450	2457	27 52.6	78 32.0	49.5	20.5	0.23
450	2459	28 00.3	78 59.4	16.0	0.	0.54
450	2464	28 39.5	79 26.0	10.0	0.	0.30
450	2466	29 01.0	79 31.6	2.0	0.	0.34
450	2468	29 25.0	79 40.0	33.2	24.8	0.41
450	2470	29 55.3	79 34.2	2.0	0.	0.46
450	2471	30 04.0	79 40.7	37.8	42.0	0.89
450	2473	30 15.1	79 14.6	0.	0.	0.59
450	2475	30 41.0	79 31.4	0.	0.	0.34
450	2478	31 08.0	79 07.5	2.0	0.	0.85

Code Line 500 X-ray diffraction analyses (bulk samples <2 mm)

This line contains the weight percent of minerals detected by x-ray powder diffraction analyses of the bulk fraction less than 2 mm in diameter. Two methods of computer analysis were used. Method 1 (indicated by 1 in column 17 following the station number) consisted of hand measurement of the intensities of specified key peaks on x-ray diffraction strip charts and computer calculation of estimates of the quantity of each mineral in the sample. This method was used for samples from the north sheet covering the region from Nova Scotia to New Jersey. Method 2 (indicated by 2 in column 17 following the station number) employed computer analysis of punched paper tapes produced directly by the x-ray diffractometer. The computer program located all diffraction peaks in the pattern, calculated their intensities, and made qualitative analyses of the minerals present by comparison of the peaks with a library of standards. The program then made estimates of the quantity of each mineral by the solution of a series of simultaneous equations involving the intensities of all the peaks and calculated mass absorption coefficients. A complete description of the method will be published elsewhere (Hathaway, in preparation).

Misalignment of some specimens, or malfunction of the paper tape equipment, produced spurious results. For these samples visual estimates were made, and are indicated by the number 3 in column 17.

Acknowledgements

The x-ray diffraction analyses were made by John C. Hathaway assisted by Richard A. Tagg, Peter F. McFarlin, Charlsa Head, and Judy M. Aydelette. The computer programs were written by John C. Hathaway.

Explanations of headings

CODE # 500 denotes x-ray diffraction analyses of bulk samples.

STATION # As described under code line 100.

COL. 17 Numbers in this column indicate the following:

1 Analysis made by hand measurement of peaks and intensities.
2 Analysis made entirely by computer.
3 Analysis made by visual estimate or revision of analysis 2.

The following are the minerals analyzed for; amounts are given in percent.

QUARTZ Quartz

PLAG FSPR Plagioclase feldspar

K FSPR Potassium feldspar

CALC Calcite

MG CALC Magnesium calcite. A number with no decimal point following the magnesium calcite value is the mol. percent of $MgCO_3$ in the structure.

ARAG	Aragonite
LR SLCT	Total layer silicates. This amount includes mica, chlorite, kaolinite, montmorillonite, vermiculite, chamosite, glauconite and mixed layered assemblages of the foregoing.
HRNBL	Hornblende or amphibole
PRYT	Pyrite
APAT	Apatite
DOLMT	Dolomite
OTHER	* indicates that other minerals are present or that there are comments. These minerals and comments are listed in a table following the line 500 data.
$CACO_3$	Total calcium carbonate. This amount is the sum of calcite Mg-calcite and aragonite.
ARAG/CAL	Ratio of aragonite to calcite. If blank, no calcite is present.
FELDSP	Total feldspar in percent. This amount is the sum of plagioclase and potassium feldspar.
FEL/QTZ	Ratio of total feldspar to quartz.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. point in Pos.	No. of Dec. Places
500	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Method of analysis	17	I	1		
	Quartz	21-24	F	4	24	0
	Plagioclase feldspar	27-30	F	4	30	0
	Potassium feldspar	33-36	F	4	36	0
	Calcite	38-41	F	4	41	0
	Mg Calcite	43-46	F	4	46	0
	Mol % $MgCO_3$	48-49	I	2		
	Aragonite	50-53	F	4	53	0
	Layer silicates	56-59	F	4	59	0
	Hornblende	62-65	F	4	65	0
	Pyrite	68-71	F	4	71	0
	Apatite	74-77	F	4	77	0
	Dolomite	80-83	F	4	83	0
	Other	87	A	1		
	$CaCO_3$	90-93	F	4	93	0
	Aragonite/calcite	98-102	F	5	100	2
	Feldspar	106-109	F	4	109	0
	Feldspar/quartz	113-117	F	5	115	2

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DBLMT	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	A002	1	80.	6.	4.	10.	0.	0.	0.	1.	0.	0.	0.	10.	.00	9.	.12
500	A003	1	92.	5.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.		8.	.08
500	A012	1	95.	4.	0.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	4.	.04
500	A015	1	93.	5.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.		7.	.08
500	A016	1	95.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		4.	.04
500	A020	1	29.	10.	0.	0.	0.	0.	58.	1.	0.	0.	0.	0.		10.	.32
500	A023	1	18.	10.	0.	0.	0.	0.	72.	1.	0.	0.	0.	0.		10.	.55
500	A026	1	69.	17.	0.	1.	0.	0.	13.	1.	0.	0.	0.	1.	.00	17.	.24
500	A028	1	64.	24.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.		36.	.56
500	A036	1	85.	0.	14.	0.	0.	0.	0.	1.	0.	0.	0.	0.		14.	.17
500	A037A	1	94.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		6.	.06
500	A038	1	81.	4.	6.	0.	0.	0.	8.	0.	0.	0.	0.	0.		10.	.13
500	A040	1	31.	4.	2.	0.	0.	0.	61.	0.	0.	0.	0.	0.		6.	.19
500	A041	1	74.	5.	13.	0.	0.	6.	0.	1.	0.	0.	0.	7.		18.	.25
500	A042	1	66.	28.	0.	3.	0.	0.	0.	2.	1.	0.	0.	3.	.00	28.	.42
500	A044	1	71.	0.	7.	0.	0.	0.	20.	2.	0.	0.	0.	0.		7.	.09
500	A045	1	97.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.		3.	.03
500	A046	1	95.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.06
500	A047	1	92.	2.	5.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	7.	.07
500	A048	1	94.	0.	5.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	5.	.06
500	A052	1	99.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	0.	.00
500	A055	1	91.	0.	8.	0.	0.	0.	0.	1.	0.	0.	0.	0.		8.	.10
500	B003	1	49.	2.	5.	18.	0.	0.	25.	1.	1.	0.	0.	18.	.00	7.	.15
500	B005	1	42.	15.	5.	0.	0.	5.	32.	1.	0.	0.	0.	5.		21.	.49
500	E001	1	33.	0.	7.	1.	0.	0.	57.	1.	0.	0.	0.	1.	.00	7.	.21
500	E002	1	47.	6.	3.	5.	0.	0.	38.	0.	0.	0.	0.	5.	.00	9.	.20
500	E003	1	38.	12.	2.	4.	0.	0.	44.	0.	0.	0.	0.	4.	.00	13.	.35
500	E004	1	16.	4.	3.	7.	0.	0.	68.	0.	0.	0.	0.	7.	.00	7.	.43
500	E005	1	18.	5.	2.	11.	0.	0.	63.	1.	0.	0.	0.	11.	.00	6.	.36
500	E006	1	10.	0.	3.	16.	0.	0.	68.	0.	1.	0.	0.	16.	.00	3.	.31
500	E007	1	7.	0.	4.	21.	0.	0.	66.	1.	0.	0.	0.	21.	.00	4.	.57
500	E008	1	11.	6.	2.	26.	0.	0.	54.	0.	0.	0.	0.	26.	.00	8.	.74
500	E009	1	11.	9.	1.	18.	0.	0.	58.	1.	1.	0.	0.	18.	.00	9.	.82
500	E010	1	8.	4.	3.	18.	0.	0.	66.	0.	0.	0.	0.	18.	.00	7.	.88
500	E011	1	6.	5.	0.	24.	0.	0.	62.	0.	0.	0.	0.	24.	.00	5.	.97
500	E012	1	5.	1.	0.	41.	0.	1.	51.	0.	0.	0.	0.	43.	.04	1.	.21
500	E013	1	3.	1.	0.	59.	0.	0.	36.	1.	0.	0.	0.	59.	.00	1.	.39
500	E014	1	56.	0.	35.	0.	0.	0.	6.	0.	0.	0.	0.	0.		35.	.62
500	E015	1	67.	4.	6.	4.	0.	0.	20.	0.	0.	0.	0.	4.	.00	10.	.14
500	E016	1	45.	0.	8.	4.	0.	0.	41.	1.	0.	0.	0.	5.	.09	8.	.19
500	E018	1	10.	11.	0.	13.	0.	0.	64.	0.	1.	0.	0.	13.	.00	11.	1.13
500	H001	1	41.	14.	14.	0.	0.	4.	27.	1.	0.	0.	0.	4.		28.	.68
500	H002	1	47.	18.	8.	0.	0.	2.	24.	1.	0.	0.	0.	2.		26.	.56
500	H003	1	25.	45.	3.	0.	0.	3.	23.	1.	0.	0.	0.	3.		48.	1.93
500	H004	1	43.	3.	10.	0.	0.	2.	40.	2.	0.	0.	0.	2.		13.	.30
500	H005	1	47.	7.	12.	0.	0.	0.	32.	1.	0.	0.	0.	0.		19.	.40
500	H006	1	40.	5.	12.	0.	0.	2.	40.	1.	0.	0.	0.	2.		16.	.42
500	H008	1	26.	23.	6.	0.	0.	3.	40.	2.	0.	0.	0.	3.		29.	1.13
500	H009	1	45.	20.	7.	0.	0.	0.	27.	1.	0.	0.	0.	0.		27.	.59
500	H010	1	25.	16.	0.	0.	0.	2.	57.	1.	0.	0.	0.	2.		16.	.63
500	H011	1	25.	24.	5.	0.	0.	0.	46.	0.	0.	0.	0.	0.		29.	1.12
500	H012	1	24.	16.	2.	0.	0.	1.	57.	1.	0.	0.	0.	1.		17.	.73
500	H014	1	65.	0.	30.	0.	0.	0.	0.	2.	0.	0.	0.	0.		30.	.46
500	H015	1	19.	15.	3.	0.	0.	0.	61.	0.	0.	0.	0.	0.		18.	.94
500	H016	1	52.	38.	5.	0.	0.	5.	0.	0.	0.	0.	0.	5.		43.	.82
500	H017	1	26.	18.	2.	0.	0.	5.	49.	1.	0.	0.	0.	5.		20.	.78
500	H018	1	10.	1.	7.	0.	0.	4.	78.	0.	0.	0.	0.	4.		8.	.75
500	H019	1	55.	8.	13.	0.	0.	1.	17.	5.	0.	0.	0.	1.		22.	.39
500	H020	1	33.	9.	13.	0.	0.	0.	41.	1.	0.	0.	0.	0.		23.	.69
500	H021	1	32.	28.	13.	0.	0.	0.	25.	2.	0.	0.	0.	0.		41.	1.27
500	H022	1	72.	8.	17.	0.	0.	2.	0.	0.	0.	0.	0.	2.		26.	.36
500	H023	1	58.	31.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.		43.	.74
500	H024	1	66.	0.	34.	0.	0.	0.	0.	0.	0.	0.	0.	0.		34.	.51
500	H025	1	71.	0.	29.	0.	0.	0.	0.	0.	0.	0.	0.	0.		29.	.42
500	H026	1	55.	15.	9.	0.	0.	2.	19.	0.	0.	0.	0.	2.		24.	.43
500	H027	1	4.	40.	2.	0.	0.	0.	54.	0.	0.	0.	0.	0.		42.	9.83
500	H145	1	79.	3.	0.	0.	0.	0.	17.	1.	1.	0.	0.	0.		3.	.04
500	H146	1	95.	2.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.05
500	H147 A	1	91.	5.	3.	0.	0.	0.	0.	0.	1.	0.	0.	0.		8.	.09
500	H147 B	1	23.	0.	4.	0.	0.	1.	73.	0.	0.	0.	0.	1.		4.	.16
500	H147 C	1	93.	2.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.		3.	.03
500	H147 D	1	85.	0.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.		12.	.14
500	H148	1	86.	0.	10.	0.	0.	0.	0.	2.	1.	0.	0.	0.		10.	.11
500	H149	1	90.	0.	7.	0.	0.	2.	0.	0.	0.	0.	0.	2.		7.	.08
500	H150	1	64.	0.	11.	0.	0.	0.	25.	1.	0.	0.	0.	0.		11.	.17
500	M002B	1	51.	24.	17.	0.	0.	0.	0.	8.	0.	0.	0.	0.		41.	.79
500	M003A	1	14.	8.	3.	0.	0.	0.	74.	0.	1.	0.	0.	0.		11.	.80
500	M005A	1	11.	11.	0.	1.	0.	0.	77.	0.	0.	0.	0.	1.	.00	11.	.99
500	M006A	1	24.	11.	5.	0.	0.	1.	59.	0.	0.	0.	0.	1.		16.	.66
500	M006B	1	16.	8.	0.	0.	0.	2.	73.	1.	0.	0.	0.	2.		8.	.50
500	M007A	1	21.	11.	2.	0.	0.	0.	63.	1.	0.	0.	0.	0.		13.	.63
500	M008A	1	11.	8.	0.	0.	0.	3.	77.	1.	0.	0.	0.	3.		8.	.73
500	M009A	1	30.	24.	6.	0.	0.	2.	37.	1.	0.	0.	0.	2.		30.	1.00
500	M010A	1	21.	18.	0.	2.	0.	1.	58.	0.	0.	0.	0.	3.	.73	18.	.86
500	M011A	1	28.	22.	1.	0.	0.	0.	49.	0.	0.	0.	0.	0.		23.	.83
500	M012A	1	30.	15.	3.	1.	0.	1.	49.	0.	0.	0.	0.	3.	.83	18.	.60
500	M013A	1	42.	27.	4.	6.	0.	0.	19.	1.	1.	0.	0.	6.	.00	31.	.74
500	M014B	1	44.	13.	3.	3.	0.	1.	34.	2.	0.	0.	0.	4.	.37	16.	.36
500	M016A	1	38.	36.	6.	0.	0.	0.	18.	0.	0.	0.	0.	0.		42.	1.10
500	M017A	1	73.	1.	14.	1.	0.	2.	7.	1.	0.	0.	0.	3.	1.07	16.	.21

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	M019A	1	35.	41.	0.	1.	0.	1.	21.	1.	0.	0.	0.	2.	.53	41.	1.16
500	M019B	1	59.	26.	7.	5.	0.	1.	0.	3.	0.	0.	0.	5.	.13	33.	.55
500	M020A	1	49.	23.	0.	4.	0.	0.	22.	2.	0.	0.	0.	4.	.00	23.	.47
500	M021B	1	46.	14.	3.	1.	0.	3.	32.	2.	0.	0.	0.	4.	3.33	17.	.37
500	M022A	1	41.	13.	0.	2.	0.	1.	42.	1.	0.	0.	0.	4.	.49	13.	.32
500	M023A	1	32.	16.	3.	1.	0.	0.	48.	0.	1.	0.	0.	1.	.00	19.	.59
500	M024A	1	24.	19.	0.	4.	0.	0.	53.	0.	0.	0.	0.	4.	.00	19.	.80
500	M024B	1	21.	6.	6.	0.	0.	0.	65.	2.	1.	0.	0.	0.		12.	.57
500	M025A	1	15.	8.	0.	0.	0.	0.	75.	1.	1.	0.	0.	0.		8.	.56
500	M026A	1	18.	11.	3.	0.	0.	0.	67.	0.	1.	0.	0.	0.		16.	.85
500	M027A	1	25.	17.	3.	0.	0.	0.	54.	0.	1.	0.	0.	0.		20.	.79
500	M028A	1	9.	7.	1.	0.	0.	0.	83.	0.	0.	0.	0.	0.		7.	.86
500	M029A	1	15.	18.	2.	0.	0.	2.	62.	0.	0.	0.	0.	2.		20.	1.32
500	M030A	1	19.	23.	5.	0.	0.	1.	50.	1.	1.	0.	0.	1.		29.	1.50
500	M031A	1	54.	2.	10.	0.	0.	0.	32.	1.	1.	0.	0.	0.		12.	.23
500	M031B	1	24.	3.	4.	0.	0.	0.	68.	1.	1.	0.	0.	0.		7.	.27
500	M032A	1	8.	0.	6.	0.	0.	0.	83.	1.	1.	0.	0.	0.		6.	.78
500	M033A	1	20.	5.	5.	0.	0.	0.	66.	1.	1.	0.	0.	0.		10.	.52
500	M034B	1	15.	0.	10.	0.	0.	1.	71.	1.	0.	0.	0.	1.		10.	.69
500	M036A	1	39.	2.	14.	0.	0.	0.	43.	1.	1.	0.	0.	0.		16.	.42
500	M037A	1	14.	0.	17.	0.	0.	0.	65.	1.	1.	0.	0.	0.		17.	1.24
500	M039A	1	11.	0.	9.	0.	0.	3.	75.	0.	1.	0.	0.	3.		10.	.83
500	M040A	1	8.	9.	0.	0.	0.	0.	81.	1.	0.	0.	0.	0.		9.	1.17
500	M041A	1	33.	1.	16.	0.	0.	0.	46.	2.	2.	0.	0.	0.		17.	.52
500	M042A	1	50.	40.	0.	4.	0.	5.	0.	0.	2.	0.	0.	9.	1.07	40.	.79
500	M043A	1	57.	13.	9.	0.	0.	0.	17.	2.	1.	0.	0.	0.		22.	.39
500	M044A	1	40.	0.	12.	0.	0.	0.	45.	1.	0.	0.	0.	0.		12.	.30
500	M045A	1	48.	0.	7.	0.	0.	1.	43.	1.	0.	0.	0.	1.		7.	.15
500	M046A	1	63.	6.	10.	0.	0.	1.	18.	1.	0.	0.	0.	1.		16.	.26
500	M047A	1	13.	0.	0.	87.	0.	0.	0.	0.	0.	0.	0.	87.	.00	0.	.01
500	M048A	1	9.	0.	4.	59.	0.	15.	13.	0.	0.	0.	0.	74.	.26	4.	.45
500	M049A	1	35.	0.	17.	40.	0.	2.	0.	2.	1.	0.	0.	42.	.06	17.	.48
500	M050A	1	77.	7.	8.	0.	0.	6.	0.	1.	0.	0.	0.	6.		16.	.20
500	M051C	1	47.	0.	16.	0.	0.	0.	33.	2.	0.	0.	0.	0.		16.	.35
500	M052B	1	17.	13.	0.	3.	0.	0.	67.	0.	0.	0.	0.	3.	.00	13.	.76
500	M053A	1	22.	4.	9.	2.	0.	2.	59.	1.	0.	0.	0.	4.	1.07	13.	.59
500	M054A	1	23.	17.	0.	1.	0.	0.	58.	0.	0.	0.	0.	1.	.00	17.	.74
500	M055A	1	37.	0.	17.	1.	0.	0.	44.	1.	0.	0.	0.	1.	.11	17.	.46
500	M056A	1	6.	6.	0.	0.	0.	4.	83.	0.	0.	0.	0.	4.		6.	.95
500	M057A	1	11.	0.	7.	0.	0.	0.	81.	1.	0.	0.	0.	0.		7.	.61
500	M058A	1	21.	9.	1.	0.	0.	0.	65.	0.	1.	0.	0.	0.		11.	.52
500	M059A	1	27.	0.	10.	0.	0.	0.	59.	1.	0.	0.	0.	0.		10.	.36
500	M060A	1	11.	8.	0.	0.	0.	0.	78.	0.	1.	0.	0.	0.		8.	.78
500	M061A	1	25.	14.	10.	0.	0.	0.	50.	1.	1.	0.	0.	0.		24.	.96
500	M062A	1	8.	6.	2.	0.	0.	0.	83.	0.	1.	0.	0.	0.		8.	.91
500	M063A	1	13.	6.	4.	0.	0.	0.	74.	2.	1.	0.	0.	0.		10.	.79
500	M064A	1	8.	1.	4.	0.	0.	0.	83.	1.	1.	0.	0.	0.		5.	.62
500	M065A	1	14.	11.	2.	0.	0.	0.	71.	2.	0.	0.	0.	0.		13.	.88
500	M066A	1	15.	2.	7.	0.	0.	1.	73.	1.	0.	0.	0.	1.		9.	.58
500	M067A	1	9.	5.	3.	0.	0.	0.	80.	1.	0.	0.	0.	0.		9.	.95
500	M068A	1	35.	25.	9.	0.	0.	0.	27.	2.	1.	0.	0.	0.		33.	.96
500	M069A	1	8.	2.	5.	0.	0.	0.	84.	0.	0.	0.	0.	0.		8.	.96
500	M070A	1	21.	12.	2.	0.	0.	0.	64.	0.	1.	0.	0.	0.		15.	.70
500	M071A	1	55.	31.	9.	1.	0.	0.	0.	0.	3.	0.	0.	1.	.00	41.	.76
500	M072A	1	17.	11.	0.	1.	0.	0.	70.	0.	1.	0.	0.	1.	.00	11.	.66
500	M072A	1	24.	0.	16.	0.	0.	0.	58.	2.	0.	0.	0.	0.		16.	.65
500	M073A	1	28.	12.	9.	2.	0.	2.	45.	2.	0.	0.	0.	4.	1.01	21.	.75
500	M074A	1	31.	10.	4.	1.	0.	0.	51.	1.	0.	0.	0.	1.	.28	15.	.47
500	M075A	1	45.	24.	5.	0.	0.	0.	24.	1.	1.	0.	0.	0.		29.	.65
500	M076A	1	43.	0.	12.	0.	0.	3.	41.	0.	0.	0.	0.	3.		12.	.29
500	M077A	1	48.	14.	4.	3.	0.	0.	29.	1.	0.	0.	0.	3.	.00	18.	.38
500	M079A	1	45.	7.	7.	0.	0.	1.	39.	1.	0.	0.	0.	1.		14.	.32
500	M080B	1	41.	2.	9.	0.	0.	0.	43.	5.	0.	0.	0.	0.		11.	.27
500	M081A	1	46.	17.	4.	1.	0.	0.	29.	1.	1.	0.	0.	1.	.00	21.	.46
500	M082A	1	21.	13.	2.	1.	0.	0.	61.	1.	0.	0.	0.	1.	.00	15.	.71
500	M083A	1	19.	12.	5.	1.	0.	0.	62.	1.	0.	0.	0.	1.	.00	18.	.94
500	M084A	1	9.	11.	0.	1.	0.	0.	78.	0.	1.	0.	0.	1.	.00	11.	1.26
500	M085A	1	10.	8.	5.	1.	0.	0.	75.	0.	1.	0.	0.	1.	.00	13.	1.30
500	M086A	1	7.	5.	5.	1.	0.	0.	81.	0.	1.	0.	0.	1.	.00	10.	1.40
500	M087A	1	9.	9.	0.	0.	0.	3.	78.	1.	0.	0.	0.	3.		9.	.97
500	M088A	1	9.	7.	5.	0.	0.	0.	76.	0.	0.	0.	0.	0.		12.	1.28
500	M089A	1	15.	11.	0.	0.	0.	1.	72.	0.	0.	0.	0.	2.		11.	.71
500	M090A	1	11.	9.	0.	0.	0.	0.	77.	1.	0.	0.	0.	0.		9.	.78
500	M091A	1	11.	3.	5.	1.	0.	0.	78.	1.	0.	0.	0.	1.	.00	8.	.79
500	M092A	1	9.	12.	0.	1.	0.	0.	75.	0.	0.	0.	0.	1.	.00	12.	1.31
500	M093A	1	17.	12.	6.	1.	0.	1.	62.	1.	0.	0.	0.	2.	1.03	17.	1.02
500	M094A	1	18.	10.	2.	0.	0.	0.	68.	1.	0.	0.	0.	0.		12.	.68
500	M095A	1	39.	21.	3.	1.	0.	0.	34.	0.	1.	0.	0.	1.	.00	24.	.60
500	M096A	1	54.	3.	9.	0.	0.	0.	33.	1.	0.	0.	0.	0.		12.	.23
500	M098A	1	50.	21.	10.	0.	0.	0.	19.	0.	0.	0.	0.	0.		31.	.61
500	M099C	1	36.	19.	5.	2.	0.	3.	35.	0.	0.	0.	0.	5.	1.24	24.	.68
500	M100B	1	38.	4.	10.	0.	0.	0.	43.	2.	1.	0.	0.	0.		14.	.37
500	M101A	1	19.	9.	4.	3.	0.	2.	63.	0.	0.	0.	0.	5.	.85	13.	.69
500	M102A	1	14.	9.	2.	1.	0.	2.	73.	1.	0.	0.	0.	2.	3.48	10.	.74
500	M103A	1	14.	5.	5.	1.	0.	2.	73.	0.	0.	0.	0.	3.	2.95	10.	.67
500	M104A	1	13.	8.	2.	1.	0.	0.	72.	0.	1.	0.	0.	1.	.00	10.	.77
500	M105A	1	18.	0.	11.	0.	0.	0.	68.	0.	1.	0.	0.	0.		11.	.59
500	M106A	1	7.	7.	0.	0.	0.	0.	82.	0.	1.	0.	0.	0.		7.	.90
500	M107A	1	14.	6.	2.	0.	0.	0.	76.	1.	1.	0.	0.	0.		7.	.52
500	M110A	1	17.	7.	2.	1.	0.	0.	70.	1.	0.	0.	0.	1.	.00	10.	.55

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	M111A	1	15.	14.	0.	1.	0.	0.	67.	0.	1.	0.	0.	1.	.00	14.	.93
500	M112A	1	72.	22.	5.	0.	0.	0.	0.	0.	1.	0.	0.	0.		27.	.37
500	M113A	1	6.	8.	2.	0.	0.	1.	82.	1.	0.	0.	0.	1.		10.	1.56
500	M114A	1	14.	3.	2.	0.	0.	0.	79.	0.	1.	0.	0.	0.		6.	.41
500	M115A	1	41.	3.	4.	0.	0.	0.	49.	0.	0.	0.	0.	0.		7.	.18
500	M117A	1	7.	4.	3.	0.	0.	0.	85.	0.	0.	0.	0.	0.		7.	.98
500	M118A	1	9.	9.	2.	0.	0.	0.	78.	0.	0.	0.	0.	0.		10.	1.15
500	M119A	1	48.	10.	4.	2.	0.	0.	33.	1.	0.	0.	0.	2.	.00	14.	.29
500	M120A	1	7.	8.	0.	0.	0.	0.	83.	0.	1.	0.	0.	0.		8.	1.14
500	N002A	1	97.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.		3.	.03
500	N003A	1	68.	0.	32.	0.	0.	0.	0.	0.	0.	0.	0.	0.		32.	.47
500	N005A	1	81.	4.	12.	0.	0.	0.	0.	2.	0.	0.	0.	0.		16.	.20
500	N006A	1	88.	9.	0.	3.	0.	0.	0.	1.	0.	0.	0.	3.	.00	9.	.10
500	N007A	1	82.	7.	0.	8.	0.	0.	0.	2.	0.	0.	0.	8.	.00	7.	.09
500	N008A	1	81.	0.	10.	5.	0.	2.	0.	2.	0.	0.	0.	7.	.36	10.	.12
500	N009A	1	51.	6.	0.	12.	0.	0.	31.	0.	0.	0.	0.	12.	.00	6.	.11
500	N010A	1	52.	2.	1.	13.	0.	0.	29.	3.	0.	0.	0.	13.	.00	3.	.05
500	N011A	1	83.	0.	14.	0.	0.	0.	0.	3.	0.	0.	0.	0.		14.	.17
500	N012A	1	83.	10.	6.	0.	0.	0.	0.	0.	1.	0.	0.	0.		16.	.19
500	N013A	1	95.	0.	3.	0.	0.	1.	0.	1.	0.	0.	0.	1.		3.	.03
500	N014A	1	93.	4.	2.	0.	0.	1.	0.	0.	0.	0.	0.	1.		6.	.06
500	N015A	1	89.	0.	0.	0.	0.	10.	0.	1.	0.	0.	0.	10.		0.	.00
500	N016A	1	97.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.		2.	.02
500	N017A	1	75.	0.	16.	0.	0.	0.	5.	4.	0.	0.	0.	0.		16.	.22
500	N018A	1	74.	14.	10.	0.	0.	0.	0.	2.	0.	0.	0.	0.		24.	.33
500	N019A	1	60.	16.	5.	0.	0.	0.	14.	2.	0.	0.	0.	0.		21.	.35
500	N020A	1	52.	27.	2.	6.	0.	0.	10.	2.	0.	0.	0.	6.	.00	30.	.56
500	N021A	1	75.	5.	4.	16.	0.	0.	0.	1.	0.	0.	0.	16.	.00	8.	.11
500	N022A	1	65.	0.	23.	10.	0.	1.	0.	1.	1.	0.	0.	10.	.07	23.	.36
500	N023A	1	83.	6.	7.	3.	0.	0.	0.	1.	1.	0.	0.	3.	.07	12.	.15
500	N024A	1	64.	6.	9.	0.	0.	2.	19.	0.	0.	0.	0.	2.		15.	.24
500	N024A	1	76.	18.	5.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	23.	.30
500	N025A	1	87.	0.	10.	0.	0.	0.	0.	4.	0.	0.	0.	0.		10.	.11
500	N026A	1	86.	7.	5.	0.	0.	1.	0.	1.	0.	0.	0.	1.		12.	.14
500	N027A	1	65.	0.	4.	0.	0.	0.	30.	1.	0.	0.	0.	0.		4.	.06
500	N028A	1	81.	10.	4.	1.	0.	0.	0.	3.	0.	0.	0.	1.	.00	14.	.18
500	N029A	1	93.	4.	0.	0.	0.	3.	0.	0.	0.	0.	0.	3.		4.	.05
500	N030A	1	94.	2.	4.	0.	0.	0.	0.	1.	0.	0.	0.	0.		6.	.06
500	N031A	1	54.	16.	3.	0.	0.	4.	23.	0.	0.	0.	0.	4.		20.	.36
500	N032A	1	73.	4.	3.	0.	0.	3.	16.	1.	0.	0.	0.	3.		7.	.10
500	N033A	1	55.	13.	8.	0.	0.	1.	19.	5.	0.	0.	0.	1.		21.	.38
500	N034A	1	50.	28.	2.	1.	0.	0.	18.	1.	0.	0.	0.	1.	.00	30.	.61
500	N035A	1	47.	16.	2.	3.	0.	0.	32.	0.	0.	0.	0.	3.	.00	18.	.38
500	N036A	1	81.	3.	6.	6.	0.	4.	0.	0.	0.	0.	0.	9.	.66	9.	.11
500	N037A	1	40.	14.	0.	15.	0.	0.	29.	1.	0.	0.	0.	15.	.00	14.	.36
500	N038A	1	40.	0.	5.	8.	0.	0.	46.	1.	0.	0.	0.	8.	.00	5.	.14
500	N039A	1	62.	4.	16.	9.	0.	0.	8.	1.	1.	0.	0.	9.	.00	20.	.32
500	N040A	1	39.	6.	6.	1.	0.	0.	44.	1.	1.	0.	0.	1.	.00	12.	.31
500	N041A	1	57.	36.	6.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	42.	.74
500	N042A	1	75.	17.	7.	0.	0.	0.	0.	1.	1.	0.	0.	0.		24.	.32
500	N043A	1	41.	0.	24.	0.	0.	0.	35.	1.	0.	0.	0.	0.		24.	.58
500	N044A	1	95.	4.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		4.	.04
500	N045A	1	95.	0.	3.	0.	0.	1.	0.	0.	0.	0.	0.	1.		3.	.03
500	N046A	1	93.	0.	5.	0.	0.	0.	0.	1.	0.	0.	0.	0.		5.	.06
500	N047A	1	93.	0.	3.	1.	0.	0.	0.	2.	0.	0.	0.	1.	.00	3.	.03
500	N048A	1	89.	0.	0.	1.	0.	2.	7.	2.	0.	0.	0.	2.	3.42	0.	.00
500	N049A	1	81.	17.	0.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	17.	.21
500	N050A	1	37.	6.	8.	0.	0.	1.	48.	1.	0.	0.	0.	1.		14.	.38
500	N051A	1	54.	20.	3.	5.	0.	1.	17.	0.	0.	0.	0.	6.	.30	22.	.41
500	N052A	1	60.	8.	0.	9.	0.	0.	19.	1.	0.	0.	0.	9.	.00	8.	.14
500	N053A	1	45.	0.	31.	4.	0.	0.	15.	1.	1.	0.	0.	4.	.00	31.	.68
500	N054A	1	48.	5.	1.	8.	0.	0.	35.	1.	0.	0.	0.	8.	.00	6.	.12
500	N055A	1	45.	0.	26.	8.	0.	20.	0.	1.	0.	0.	0.	28.	2.35	26.	.58
500	N056A	1	52.	11.	0.	9.	0.	0.	25.	1.	0.	0.	0.	9.	.00	11.	.21
500	N057A	1	71.	0.	8.	3.	0.	0.	15.	2.	0.	0.	0.	3.	.00	8.	.11
500	N058A	1	34.	9.	4.	0.	0.	0.	51.	2.	0.	0.	0.	0.		12.	.36
500	N059A	1	89.	9.	0.	0.	0.	0.	0.	2.	0.	0.	0.	0.		9.	.10
500	N060A	1	63.	12.	0.	0.	0.	0.	21.	3.	0.	0.	0.	0.		12.	.19
500	N061	1	72.	7.	0.	0.	0.	0.	17.	0.	1.	0.	0.	0.		7.	.10
500	N062	1	94.	5.	0.	0.	0.	2.	0.	0.	0.	0.	0.	2.		5.	.05
500	N063	1	87.	0.	11.	0.	0.	0.	0.	1.	0.	0.	0.	0.		11.	.13
500	N064A	1	88.	5.	6.	0.	0.	1.	0.	1.	0.	0.	0.	1.		10.	.12
500	N065A	1	90.	0.	8.	0.	0.	1.	0.	1.	0.	0.	0.	1.		8.	.09
500	N066A	1	95.	4.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		4.	.04
500	N067A	1	89.	0.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.12
500	N103	1	85.	4.	6.	0.	0.	0.	4.	1.	0.	0.	0.	0.		10.	.12
500	N106	1	50.	0.	11.	0.	0.	0.	38.	0.	0.	0.	0.	0.		11.	.23
500	N110	1	14.	13.	1.	1.	0.	0.	70.	1.	0.	0.	0.	1.	.00	14.	1.00
500	N128	1	82.	5.	0.	3.	0.	3.	6.	0.	0.	0.	0.	7.	1.04	5.	.06
500	N130	1	92.	0.	8.	0.	0.	0.	0.	1.	0.	0.	0.	0.		8.	.08
500	N133	1	75.	5.	0.	1.	0.	0.	20.	0.	0.	0.	0.	1.	.00	5.	.06
500	N140	1	90.	6.	3.	0.	0.	0.	0.	1.	0.	0.	0.	0.		9.	.10
500	N145	1	91.	0.	9.	0.	0.	0.	0.	1.	0.	0.	0.	0.		9.	.10
500	N148	1	34.	5.	0.	1.	0.	3.	58.	0.	0.	0.	0.	3.	3.55	5.	.14
500	N151	1	93.	0.	4.	0.	0.	0.	0.	1.	0.	0.	0.	0.		4.	.05
500	N153	1	91.	2.	6.	0.	0.	1.	0.	0.	0.	0.	0.	1.		8.	.09
500	P001	1	14.	10.	1.	6.	0.	0.	67.	0.	0.	0.	0.	6.	.00	11.	.79
500	P002	1	77.	9.	13.	1.	0.	1.	0.	0.	0.	0.	0.	2.	1.69	22.	.28
500	P003	1	57.	0.	9.	0.	0.	0.	34.	0.	0.	0.	0.	0.		9.	.16
500	P004	1	81.	0.	5.	1.	0.	1.	12.	0.	0.	0.	0.	2.	1.23	5.	.06

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	P005	1	91.	1.	5.	2.	0.	1.	0.	0.	0.	0.	0.	4.	.57	5.	.06
500	P006	1	90.	3.	4.	1.	0.	1.	0.	1.	0.	0.	0.	2.	1.26	7.	.07
500	P007	1	86.	4.	0.	3.	0.	0.	7.	0.	1.	0.	0.	3.	.00	4.	.04
500	P008	1	83.	2.	0.	1.	0.	0.	14.	0.	0.	0.	0.	1.	.00	2.	.03
500	P009	1	83.	2.	6.	2.	0.	0.	7.	0.	0.	0.	0.	2.	.00	8.	.10
500	P010	1	81.	3.	0.	1.	0.	3.	12.	0.	0.	0.	0.	4.	3.75	3.	.04
500	P011	1	86.	0.	12.	0.	0.	1.	0.	0.	0.	0.	0.	2.		12.	.14
500	P012	1	73.	11.	12.	2.	0.	0.	0.	0.	1.	0.	0.	2.	.00	24.	.32
500	P013	1	19.	10.	3.	5.	0.	0.	61.	0.	0.	0.	0.	5.	.00	13.	.66
500	P014	1	23.	4.	5.	6.	0.	0.	60.	1.	0.	0.	0.	6.	.00	9.	.39
500	P015	1	19.	0.	7.	9.	0.	0.	62.	1.	0.	0.	0.	9.	.00	7.	.39
500	P016	1	16.	0.	7.	8.	0.	0.	68.	0.	0.	0.	0.	8.	.00	7.	.46
500	P017	1	13.	0.	6.	11.	0.	0.	69.	1.	0.	0.	0.	11.	.00	6.	.50
500	P018	1	12.	1.	7.	12.	0.	0.	66.	0.	0.	0.	0.	12.	.00	8.	.67
500	P019	1	14.	1.	2.	18.	0.	0.	65.	0.	0.	0.	0.	18.	.00	3.	.23
500	P020	1	15.	0.	19.	17.	0.	0.	46.	1.	0.	0.	0.	17.	.00	19.	1.23
500	P021	1	9.	5.	0.	25.	0.	0.	58.	1.	0.	0.	0.	25.	.00	5.	.49
500	P022	1	14.	0.	8.	24.	0.	0.	53.	1.	0.	0.	0.	24.	.00	8.	.56
500	S002	1	76.	0.	21.	0.	0.	0.	0.	3.	0.	0.	0.	0.		21.	.28
500	S003	1	15.	14.	0.	0.	0.	3.	68.	1.	0.	0.	0.	3.		14.	.93
500	S004	1	49.	16.	2.	0.	0.	0.	32.	0.	0.	0.	0.	0.		18.	.37
500	S005	1	10.	4.	4.	0.	0.	0.	81.	0.	0.	0.	0.	0.		8.	.86
500	S007	1	13.	12.	0.	0.	0.	0.	73.	1.	0.	0.	0.	0.		12.	.95
500	S012	1	38.	17.	8.	1.	0.	1.	35.	1.	0.	0.	0.	2.	2.93	25.	.67
500	S014	1	17.	0.	7.	0.	0.	0.	72.	1.	1.	0.	0.	0.		7.	.43
500	S017	1	31.	0.	32.	0.	0.	0.	34.	2.	0.	0.	0.	0.		32.	1.06
500	S021	1	92.	4.	2.	0.	0.	1.	0.	1.	0.	0.	0.	1.		6.	.07
500	S024	1	76.	0.	21.	0.	0.	2.	0.	1.	0.	0.	0.	2.		21.	.27
500	S026	1	64.	8.	5.	0.	0.	0.	21.	1.	0.	0.	0.	0.		13.	.21
500	S028	1	49.	12.	3.	0.	0.	0.	33.	1.	0.	0.	0.	0.		15.	.31
500	S030	1	64.	29.	0.	0.	0.	0.	0.	3.	1.	0.	0.	0.		29.	.46
500	S032	1	46.	0.	15.	1.	0.	0.	36.	1.	1.	0.	0.	1.	.00	15.	.33
500	S034	1	32.	27.	0.	5.	0.	2.	34.	1.	0.	0.	0.	7.	.42	27.	.86
500	S036	1	42.	12.	2.	1.	0.	2.	40.	1.	1.	0.	0.	3.	3.02	14.	.33
500	S041	1	74.	1.	17.	5.	0.	1.	0.	2.	0.	0.	0.	6.	.29	18.	.25
500	S057	1	73.	0.	23.	2.	0.	0.	0.	2.	0.	0.	0.	2.	.00	23.	.31
500	S059	1	34.	57.	4.	0.	0.	0.	1.	1.	0.	0.	0.	0.		61.	1.76
500	S061	1	84.	9.	3.	3.	0.	0.	0.	2.	0.	0.	0.	3.	.00	12.	.14
500	S072	1	65.	14.	7.	0.	0.	0.	13.	1.	0.	0.	0.	0.		21.	.32
500	S074	1	82.	0.	16.	0.	0.	0.	0.	2.	0.	0.	0.	0.		16.	.20
500	S078	1	54.	24.	5.	0.	0.	0.	15.	1.	0.	0.	0.	0.		29.	.54
500	S080	1	90.	6.	2.	0.	0.	0.	0.	1.	0.	0.	0.	0.		9.	.10
500	S083	1	44.	3.	0.	21.	0.	0.	30.	1.	1.	0.	0.	21.	.00	3.	.07
500	S085	1	78.	0.	16.	0.	0.	1.	4.	1.	0.	0.	0.	1.		16.	.20
500	S094	1	63.	19.	14.	0.	0.	0.	0.	1.	0.	0.	0.	0.		33.	.52
500	S096	1	39.	7.	4.	22.	0.	0.	26.	1.	1.	0.	0.	22.	.00	12.	.30
500	S100	1	86.	3.	9.	0.	0.	1.	0.	1.	0.	0.	0.	1.		12.	.14
500	S102	1	49.	21.	7.	1.	0.	0.	22.	1.	1.	0.	0.	1.	.00	27.	.56
500	S108	1	24.	10.	5.	18.	0.	3.	41.	0.	0.	0.	0.	21.	.16	15.	.65
500	S110	1	73.	17.	5.	2.	0.	2.	0.	1.	0.	0.	0.	4.	.92	23.	.31
500	S112	1	35.	2.	13.	1.	0.	1.	46.	0.	1.	0.	0.	3.	1.01	15.	.44
500	S114	1	32.	14.	3.	0.	0.	0.	48.	1.	0.	0.	0.	0.		18.	.54
500	S116	1	29.	11.	7.	0.	0.	0.	50.	1.	0.	0.	0.	0.		19.	.65
500	S121	1	26.	11.	7.	0.	0.	4.	51.	1.	0.	0.	0.	4.		17.	.64
500	S122	1	25.	5.	4.	0.	0.	0.	63.	1.	0.	0.	0.	0.		9.	.37
500	S124	1	25.	3.	4.	3.	0.	0.	63.	1.	0.	0.	0.	3.	.00	7.	.30
500	S125	1	23.	7.	9.	0.	0.	1.	60.	1.	0.	0.	0.	1.		15.	.65
500	S128	1	7.	7.	0.	0.	0.	0.	84.	0.	0.	0.	0.	0.		7.	.99
500	S130	1	4.	0.	7.	0.	0.	1.	85.	3.	0.	0.	0.	1.		7.	1.62
500	S136	1	37.	0.	13.	0.	0.	0.	47.	1.	0.	0.	0.	0.		13.	.35
500	S139	1	17.	14.	0.	0.	0.	0.	66.	0.	0.	0.	0.	0.		14.	.84
500	S142	1	7.	2.	2.	0.	0.	0.	87.	1.	1.	0.	0.	0.		3.	.52
500	S144	1	69.	15.	13.	0.	0.	0.	0.	3.	0.	0.	0.	0.		28.	.41
500	S146	1	9.	4.	4.	0.	0.	0.	82.	1.	0.	0.	0.	0.		7.	.85
500	S148	1	27.	0.	25.	0.	0.	0.	45.	0.	0.	0.	0.	0.		25.	.94
500	S150	1	38.	8.	7.	0.	0.	1.	45.	2.	0.	0.	0.	1.		14.	.37
500	S151	1	13.	3.	6.	1.	0.	0.	76.	1.	0.	0.	0.	1.	.00	10.	.73
500	W001	1	90.	9.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		9.	.10
500	W003	1	46.	26.	9.	0.	0.	1.	19.	1.	0.	0.	0.	1.		34.	.75
500	W005	1	40.	21.	8.	0.	0.	0.	28.	1.	1.	0.	0.	0.		29.	.73
500	W007	1	10.	15.	1.	0.	0.	0.	72.	0.	0.	0.	0.	0.		16.	1.50
500	W009	1	22.	5.	4.	0.	0.	0.	67.	0.	1.	0.	0.	0.		9.	.39
500	W011	1	18.	13.	3.	0.	0.	0.	63.	1.	1.	0.	0.	0.		16.	.91
500	W013	1	68.	1.	28.	0.	0.	0.	0.	3.	0.	0.	0.	0.		30.	.44
500	W015	1	78.	13.	8.	0.	0.	0.	0.	0.	1.	0.	0.	0.		21.	.27
500	W017	1	61.	18.	12.	0.	0.	1.	6.	1.	1.	0.	0.	1.		30.	.49
500	W019	1	82.	0.	5.	0.	0.	0.	13.	1.	0.	0.	0.	0.		5.	.06
500	W020	1	95.	0.	4.	0.	0.	0.	0.	1.	0.	0.	0.	0.		5.	.05
500	W021	1	90.	2.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.		10.	.12
500	W023	1	88.	0.	11.	0.	0.	1.	0.	0.	0.	0.	0.	1.		11.	.12
500	W025	1	96.	0.	3.	0.	0.	0.	0.	1.	0.	0.	0.	0.		3.	.03
500	W027	1	83.	0.	17.	0.	0.	0.	0.	0.	0.	0.	0.	0.		17.	.20
500	W028	1	85.	0.	11.	0.	0.	0.	0.	1.	1.	0.	0.	0.		11.	.13
500	W029	1	84.	0.	7.	0.	0.	0.	9.	0.	0.	0.	0.	0.		7.	.09
500	W030	1	90.	10.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.11
500	W031	1	83.	0.	11.	5.	0.	1.	0.	0.	0.	0.	0.	6.	.34	11.	.13
500	W033	1	61.	6.	0.	14.	0.	0.	16.	0.	1.	0.	0.	14.	.00	6.	.11
500	W034	1	87.	0.	8.	2.	0.	0.	0.	1.	1.	0.	0.	2.	.00	8.	.09
500	W036	1	89.	0.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.11
500	W038	1	92.	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.		8.	.08

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	W043	1	95.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.06
500	W044	1	89.	7.	2.	0.	0.	0.	0.	1.	0.	0.	0.	1.		9.	.11
500	W046	1	89.	10.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.11
500	W048	1	67.	0.	14.	0.	0.	0.	18.	0.	1.	0.	0.	0.		14.	.21
500	W049	1	89.	4.	4.	0.	0.	0.	0.	3.	0.	0.	0.	0.		8.	.09
500	W051	1	49.	12.	2.	0.	0.	0.	36.	1.	0.	0.	0.	0.		14.	.29
500	W053	1	37.	13.	4.	0.	0.	0.	45.	1.	1.	0.	0.	0.		17.	.47
500	W053	1	31.	12.	0.	0.	0.	0.	57.	1.	0.	0.	0.	0.		12.	.39
500	W055	1	76.	16.	5.	0.	0.	0.	0.	3.	0.	0.	0.	0.		21.	.28
500	W060	1	38.	11.	1.	0.	0.	0.	47.	0.	1.	0.	0.	0.		12.	.33
500	W062	1	91.	1.	7.	0.	0.	1.	0.	0.	0.	0.	0.	1.		8.	.09
500	W064	1	97.	3.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.		3.	.04
500	W066	1	90.	0.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.		10.	.11
500	W068	1	92.	3.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		8.	.08
500	W070	1	78.	1.	6.	0.	0.	0.	14.	0.	0.	0.	0.	0.		7.	.09
500	W072	1	90.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		10.	.12
500	W075	1	99.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.		0.	.00
500	W076	1	94.	0.	5.	0.	0.	1.	0.	0.	0.	0.	0.	1.		5.	.05
500	W078	1	32.	12.	4.	17.	0.	3.	32.	0.	0.	0.	0.	20.	.16	16.	.50
500	W079	1	94.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		6.	.06
500	W081	1	92.	0.	0.	5.	0.	3.	0.	0.	0.	0.	0.	8.	.52	0.	.00
500	W083	1	90.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		10.	.11
500	W084	1	95.	0.	0.	0.	0.	0.	4.	1.	0.	0.	0.	0.		0.	.00
500	W086	1	89.	0.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.		11.	.13
500	W088	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00
500	W090	1	94.	0.	5.	0.	0.	1.	0.	1.	0.	0.	0.	1.		5.	.05
500	W091	1	98.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	2.		0.	.00
500	W093	1	94.	0.	3.	1.	0.	2.	0.	0.	0.	0.	0.	3.	1.50	3.	.03
500	W095	1	80.	0.	16.	0.	0.	3.	0.	0.	0.	0.	0.	3.		16.	.20
500	W097	1	97.	0.	0.	1.	0.	0.	0.	2.	0.	0.	0.	1.	.00	0.	.00
500	W099	1	24.	25.	0.	1.	0.	2.	48.	1.	0.	0.	0.	2.	2.94	25.	1.03
500	W100	1	52.	14.	6.	0.	0.	0.	27.	1.	0.	0.	0.	0.		20.	.40
500	W101	1	56.	0.	7.	0.	0.	3.	32.	1.	0.	0.	0.	3.		7.	.12
500	W102	1	39.	18.	5.	2.	0.	1.	34.	1.	0.	0.	0.	2.	.36	23.	.58
500	W103	1	90.	3.	0.	3.	0.	0.	0.	4.	0.	0.	0.	3.	.00	3.	.03
500	W105	1	87.	0.	7.	4.	0.	1.	0.	1.	0.	0.	0.	5.	.36	7.	.08
500	W107	1	58.	0.	8.	0.	0.	0.	31.	0.	0.	0.	0.	0.		8.	.13
500	W110	1	99.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.		1.	.01
500	W111	1	54.	18.	0.	3.	0.	25.	0.	0.	0.	0.	0.	28.	8.61	18.	.33
500	W112	1	59.	3.	3.	14.	0.	8.	13.	0.	0.	0.	0.	22.	.61	5.	.09
500	W114	1	82.	5.	1.	4.	0.	7.	0.	1.	0.	0.	0.	11.	1.58	6.	.07
500	W116	1	51.	0.	19.	0.	0.	3.	27.	0.	0.	0.	0.	3.		19.	.38
500	W118	1	37.	13.	6.	0.	0.	0.	44.	0.	1.	0.	0.	0.		18.	.50
500	W120	1	49.	0.	12.	16.	0.	0.	22.	2.	0.	0.	0.	16.	.00	12.	.25
500	W122	1	64.	11.	3.	1.	0.	0.	20.	0.	0.	0.	0.	1.	.00	14.	.22
500	W127	1	67.	3.	0.	16.	0.	3.	10.	0.	0.	0.	0.	20.	.18	3.	.04
500	W129	1	65.	0.	6.	15.	0.	2.	13.	0.	0.	0.	0.	16.	.11	6.	.09
500	W130	1	93.	4.	2.	0.	0.	0.	0.	1.	0.	0.	0.	0.		6.	.06
500	W131	1	96.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		4.	.04
500	W133	1	91.	4.	3.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	7.	.07
500	W135	1	87.	0.	3.	0.	0.	8.	0.	2.	0.	0.	0.	8.		3.	.03
500	W138	1	82.	3.	5.	2.	0.	7.	0.	1.	0.	0.	0.	9.	3.17	9.	.11
500	W140	1	51.	8.	9.	18.	0.	1.	12.	2.	0.	0.	0.	19.	.05	17.	.33
500	W144	1	69.	2.	3.	11.	0.	0.	14.	0.	1.	0.	0.	11.	.00	5.	.08
500	W146	1	61.	6.	4.	25.	0.	0.	2.	2.	0.	0.	0.	25.	.00	9.	.15
500	W148	1	70.	0.	7.	18.	0.	4.	0.	0.	0.	0.	0.	22.	.24	8.	.11
500	W150	1	50.	26.	5.	5.	0.	1.	13.	1.	0.	0.	0.	6.	.22	31.	.63
500	W152	1	60.	11.	3.	5.	0.	0.	20.	1.	0.	0.	0.	5.	.00	15.	.25
500	W154	1	92.	0.	7.	0.	0.	0.	0.	0.	0.	0.	0.	0.		7.	.08
500	W157	1	24.	0.	0.	22.	0.	28.	26.	0.	0.	0.	0.	50.	1.29	0.	.00
500	W159	1	57.	2.	0.	32.	0.	5.	0.	5.	0.	0.	0.	37.	.17	2.	.03
500	W161	1	70.	0.	8.	11.	0.	11.	0.	0.	0.	0.	0.	22.	1.02	8.	.11
500	W163	1	89.	4.	3.	3.	0.	0.	0.	1.	0.	0.	0.	3.	.00	7.	.08
500	W165	1	88.	0.	11.	0.	0.	1.	0.	0.	0.	0.	0.	1.		11.	.12
500	W167	1	86.	0.	2.	1.	0.	3.	8.	0.	0.	0.	0.	4.	2.10	2.	.03
500	W169	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00
500	W170	1	54.	5.	0.	7.	0.	32.	0.	1.	1.	0.	0.	40.	4.56	5.	.09
500	W172	1	41.	0.	31.	28.	0.	0.	0.	0.	0.	0.	0.	28.	.00	31.	.75
500	W174	1	75.	5.	0.	1.	0.	0.	16.	3.	0.	0.	0.	1.	.00	5.	.07
500	W176	1	91.	0.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.		9.	.10
500	W178	1	80.	0.	19.	0.	0.	0.	0.	0.	0.	0.	0.	0.		19.	.24
500	W180	1	69.	22.	1.	0.	0.	0.	0.	0.	7.	0.	0.	0.		24.	.35
500	W181	1	97.	0.	2.	0.	0.	1.	0.	0.	0.	0.	0.	1.		2.	.02
500	W182	1	87.	0.	13.	0.	0.	0.	0.	0.	0.	0.	0.	0.		13.	.15
500	W184	1	93.	0.	6.	0.	0.	0.	0.	1.	0.	0.	0.	0.		6.	.07
500	W186	1	95.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	4.	.05
500	W188	1	85.	4.	8.	0.	0.	3.	0.	0.	0.	0.	0.	3.		12.	.14
500	W190	1	90.	0.	8.	0.	0.	0.	0.	1.	1.	0.	0.	0.		8.	.09
500	W191	1	89.	7.	0.	2.	0.	0.	0.	0.	0.	0.	0.	2.	.00	7.	.07
500	W195	1	67.	0.	6.	26.	0.	0.	0.	0.	1.	0.	0.	26.	.00	6.	.09
500	W197	1	91.	0.	7.	0.	0.	0.	0.	2.	0.	0.	0.	0.		7.	.08
500	W200	1	94.	1.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		6.	.06
500	W204	1	95.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.05
500	W205	1	92.	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.		8.	.09
500	W207	1	89.	0.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.		11.	.13
500	W209	1	81.	7.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		18.	.22
500	W211	1	57.	4.	1.	0.	0.	0.	37.	1.	0.	0.	0.	0.		5.	.09
500	W213	1	52.	0.	4.	0.	0.	0.	41.	3.	0.	0.	0.	0.		4.	.07
500	W215	1	78.	15.	3.	1.	0.	0.	0.	1.	3.	0.	0.	1.	.00	18.	.23
500	W224	1	80.	10.	9.	0.	0.	1.	0.	1.	0.	0.	0.	1.		19.	.24
500	W225	1	84.	0.	14.	0.	0.	0.	0.	2.	0.	0.	0.	0.		14.	.17
500	W225	1	86.	0.	12.	0.	0.	0.	0.	1.	1.	0.	0.	0.		12.	.14
500	W227	1	83.	0.	15.	0.	0.	1.	0.	0.	0.	0.	0.	2.		15.	.18
500	W229	1	94.	0.	5.	0.	0.	1.	0.	0.	0.	0.	0.	1.		5.	.06

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1000	1	5.	6.	0.	0.	0.	0.	86.	0.	1.	0.	0.	0.		6.	1.24
500	1001	1	33.	22.	3.	2.	0.	0.	39.	1.	0.	0.	0.	2.	.00	26.	.78
500	1003	1	75.	12.	10.	1.	0.	0.	0.	1.	1.	0.	0.	1.	.00	21.	.29
500	1005	1	25.	26.	2.	0.	0.	0.	45.	1.	1.	0.	0.	0.		28.	1.12
500	1006	1	67.	0.	29.	0.	0.	0.	0.	0.	4.	0.	0.	0.		29.	.43
500	1011	1	63.	0.	24.	2.	0.	2.	7.	1.	0.	0.	0.	4.	1.13	24.	.38
500	1012	1	91.	0.	8.	0.	0.	0.	0.	1.	0.	0.	0.	0.		8.	.09
500	1013	1	43.	7.	4.	5.	0.	0.	42.	0.	0.	0.	0.	5.	.00	10.	.24
500	1014	1	89.	0.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.11
500	1015	1	39.	54.	0.	1.	0.	4.	0.	1.	0.	0.	0.	5.	8.66	54.	1.38
500	1016	1	56.	0.	40.	0.	0.	2.	0.	2.	0.	0.	0.	2.		40.	.72
500	1018	1	66.	31.	0.	0.	0.	0.	0.	1.	2.	0.	0.	0.		31.	.47
500	1020	1	29.	26.	12.	0.	0.	0.	29.	3.	0.	0.	0.	0.		38.	1.34
500	1021	1	47.	18.	22.	6.	0.	0.	3.	3.	0.	0.	0.	6.	.00	40.	.85
500	1023	1	59.	21.	15.	3.	0.	0.	0.	1.	1.	0.	0.	3.	.00	36.	.61
500	1024	1	24.	5.	11.	0.	0.	0.	55.	4.	0.	0.	0.	0.		17.	.71
500	1025	1	23.	12.	6.	0.	0.	2.	56.	1.	0.	0.	0.	2.		18.	.81
500	1026	1	36.	30.	8.	0.	0.	2.	22.	1.	0.	0.	0.	2.		39.	1.10
500	1027	1	12.	8.	3.	0.	0.	0.	75.	1.	1.	0.	0.	0.		11.	.90
500	1029	1	11.	9.	1.	0.	0.	0.	76.	0.	1.	0.	0.	0.		10.	.94
500	1031	1	16.	4.	5.	0.	0.	0.	73.	1.	0.	0.	0.	0.		9.	.56
500	1032	1	27.	4.	8.	0.	0.	0.	54.	7.	1.	0.	0.	0.		12.	.44
500	1033	1	28.	19.	0.	0.	0.	2.	50.	1.	0.	0.	0.	2.		19.	.67
500	1034	1	32.	21.	2.	0.	0.	3.	41.	1.	0.	0.	0.	3.		23.	.73
500	1035 A	1	13.	14.	1.	0.	0.	0.	68.	1.	0.	0.	0.	0.		15.	1.13
500	1035 B	1	10.	11.	0.	0.	0.	0.	76.	0.	0.	0.	0.	0.		11.	1.13
500	1036	1	22.	6.	3.	2.	0.	0.	64.	1.	0.	0.	0.	2.	.00	9.	.40
500	1037	1	20.	11.	3.	1.	0.	1.	63.	1.	1.	0.	0.	2.	.39	14.	.70
500	1038	1	12.	15.	3.	0.	0.	5.	64.	1.	0.	0.	0.	5.		19.	1.58
500	1039	1	12.	8.	0.	0.	0.	3.	76.	0.	0.	0.	0.	4.		8.	.64
500	1040	1	16.	6.	1.	0.	0.	3.	73.	0.	0.	0.	0.	3.		7.	.44
500	1041	1	21.	23.	4.	5.	0.	2.	42.	2.	0.	0.	0.	7.	.32	28.	1.31
500	1042	1	15.	7.	1.	0.	0.	0.	77.	0.	0.	0.	0.	0.		8.	.56
500	1043	1	23.	35.	4.	10.	0.	3.	23.	1.	0.	0.	0.	13.	.30	39.	1.70
500	1044	1	14.	14.	0.	1.	0.	0.	69.	0.	0.	0.	0.	1.	.00	14.	1.03
500	1045	1	43.	12.	5.	0.	0.	1.	39.	0.	0.	0.	0.	1.		16.	.38
500	1046	1	31.	11.	3.	0.	0.	0.	55.	0.	1.	0.	0.	0.		13.	.42
500	1047 A	1	12.	12.	0.	0.	0.	0.	73.	0.	0.	0.	0.	0.		12.	.96
500	1048	1	17.	6.	3.	1.	0.	0.	70.	1.	0.	0.	0.	1.	.00	9.	.56
500	1049	1	7.	3.	4.	0.	0.	0.	84.	1.	1.	0.	0.	0.		7.	1.12
500	1050	1	15.	12.	2.	1.	0.	1.	69.	1.	1.	0.	0.	1.	1.09	13.	.87
500	1051	1	10.	8.	0.	0.	0.	0.	80.	1.	0.	0.	0.	0.		8.	.84
500	1052	1	68.	13.	0.	0.	0.	0.	18.	1.	0.	0.	0.	0.		13.	.20
500	1053	1	59.	37.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		41.	.69
500	1054	1	56.	31.	7.	1.	0.	1.	0.	4.	0.	0.	0.	2.	.72	38.	.69
500	1055	1	80.	0.	20.	0.	0.	0.	0.	0.	0.	0.	0.	0.		20.	.25
500	1056	1	96.	0.	3.	0.	0.	1.	0.	0.	0.	0.	0.	1.		3.	.03
500	1057	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00
500	1058	1	98.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.	2.	.00	0.	.00
500	1059	1	80.	0.	16.	0.	0.	4.	0.	0.	0.	0.	0.	4.		16.	.20
500	1060	1	95.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.05
500	1061 A	1	8.	6.	3.	0.	0.	2.	80.	0.	0.	0.	0.	2.		9.	1.11
500	1062	1	56.	2.	3.	6.	0.	0.	32.	0.	0.	0.	0.	6.	.00	5.	.10
500	1063	1	99.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	0.	.00
500	1064	1	91.	2.	2.	4.	0.	0.	0.	1.	1.	0.	0.	4.	.00	4.	.05
500	1066	1	58.	0.	40.	0.	0.	0.	0.	1.	1.	0.	0.	0.		40.	.70
500	1067	1	68.	20.	11.	0.	0.	0.	0.	1.	0.	0.	0.	0.		31.	.45
500	1068	1	62.	28.	8.	0.	0.	0.	0.	1.	0.	0.	0.	0.		36.	.57
500	1069	1	41.	4.	8.	2.	0.	0.	43.	2.	0.	0.	0.	2.	.00	12.	.30
500	1070	1	78.	10.	3.	3.	0.	0.	0.	5.	1.	0.	0.	3.	.00	14.	.18
500	1071	1	30.	14.	3.	8.	0.	1.	45.	0.	0.	0.	0.	9.	.12	17.	.57
500	1072	1	41.	15.	0.	12.	0.	0.	28.	3.	1.	0.	0.	12.	.00	15.	.37
500	1073	1	54.	31.	9.	5.	0.	0.	0.	1.	0.	0.	0.	5.	.00	40.	.73
500	1074	1	45.	2.	5.	25.	0.	2.	20.	1.	0.	0.	0.	26.	.07	7.	.15
500	1075	1	70.	18.	5.	0.	0.	0.	5.	1.	0.	0.	0.	0.		23.	.33
500	1076	1	47.	10.	0.	3.	0.	0.	36.	1.	0.	0.	0.	3.	.00	10.	.21
500	1077	1	76.	2.	12.	5.	0.	2.	0.	2.	0.	0.	0.	7.	.47	14.	.19
500	1078 A	1	13.	4.	3.	1.	0.	0.	78.	0.	0.	0.	0.	1.	.00	7.	.51
500	1079	1	57.	4.	3.	9.	0.	0.	26.	1.	0.	0.	0.	9.	.00	7.	.12
500	1080	1	79.	0.	7.	3.	0.	0.	7.	2.	1.	0.	0.	3.	.00	7.	.09
500	1081	1	71.	16.	11.	1.	0.	0.	0.	0.	1.	0.	0.	1.	.00	28.	.39
500	1082	1	65.	7.	0.	1.	0.	0.	25.	2.	0.	0.	0.	1.	.00	7.	.11
500	1083	1	26.	15.	0.	0.	0.	2.	57.	0.	0.	0.	0.	2.		15.	.56
500	1084	1	53.	8.	5.	0.	0.	0.	31.	3.	0.	0.	0.	0.		13.	.24
500	1091	1	25.	22.	3.	0.	0.	0.	45.	0.	2.	0.	0.	0.		24.	.96
500	1092	1	46.	11.	3.	0.	0.	0.	38.	1.	1.	0.	0.	0.		13.	.29
500	1093	1	76.	18.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		24.	.31
500	1094	1	19.	2.	7.	0.	0.	4.	68.	1.	0.	0.	0.	4.		9.	.47
500	1095	1	24.	12.	0.	1.	0.	0.	63.	1.	0.	0.	0.	1.	.00	12.	.52
500	1096	1	31.	6.	2.	0.	0.	1.	58.	0.	0.	0.	0.	2.		9.	.28
500	1097	1	13.	10.	2.	0.	0.	0.	72.	0.	0.	0.	0.	0.		13.	.97
500	1098	1	19.	22.	13.	0.	0.	0.	47.	0.	0.	0.	0.	0.		34.	1.85
500	1099	1	49.	5.	21.	0.	0.	0.	23.	2.	0.	0.	0.	0.		25.	.51
500	1100	1	95.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.05
500	1101	1	80.	4.	0.	0.	0.	0.	16.	0.	0.	0.	0.	0.		4.	.05
500	1102	1	88.	4.	5.	2.	0.	0.	0.	0.	0.	0.	0.	2.	.00	10.	.11
500	1103	1	71.	14.	0.	11.	0.	0.	2.	2.	0.	0.	0.	11.	.03	14.	.20
500	1104	1	88.	5.	3.	5.	0.	0.	0.	0.	0.	0.	0.	5.	.00	7.	.08
500	1106	1	92.	0.	6.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	6.	.07
500	1107	1	82.	2.	2.	0.	0.	3.	10.	0.	0.	0.	0.	4.		5.	.05

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	1108		1	79.	0.	16.	1.	0.	2.	0.	2.	0.	0.	0.		3.	2.86	16.	.20
500	1109		1	86.	12.	0.	1.	0.	2.	0.	0.	0.	0.	0.		2.	1.96	12.	.14
500	1110		1	81.	5.	0.	10.	0.	4.	0.	0.	0.	0.	0.		14.	.44	5.	.06
500	1112		1	88.	7.	0.	2.	0.	3.	0.	0.	0.	0.	0.		4.	1.67	7.	.08
500	1113		1	92.	0.	5.	0.	0.	0.	0.	3.	0.	0.	0.		0.		5.	.06
500	1114		1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1115		1	79.	13.	0.	2.	0.	6.	0.	0.	0.	0.	0.		8.	2.24	13.	.16
500	1116		1	35.	5.	0.	4.	0.	0.	54.	1.	0.	0.	0.		4.	.00	5.	.16
500	1117		1	90.	0.	0.	4.	0.	6.	0.	0.	0.	0.	0.		10.	1.61	0.	.00
500	1118		1	94.	0.	4.	0.	0.	2.	0.	0.	0.	0.	0.		2.		4.	.04
500	1119		1	92.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	4.	.04
500	1120		1	94.	5.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	5.	.05
500	1121		1	89.	0.	9.	0.	0.	1.	0.	0.	0.	0.	0.		1.		9.	.10
500	1123		1	99.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.		1.		0.	.00
500	1124		1	95.	0.	4.	0.	0.	0.	0.	1.	0.	0.	0.		0.		4.	.04
500	1125		1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1126		1	98.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	0.	.00
500	1127		1	94.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1128		1	86.	0.	0.	5.	0.	8.	0.	0.	0.	0.	0.		14.	1.50	0.	.00
500	1129		1	76.	17.	3.	2.	0.	2.	0.	0.	0.	0.	0.		4.	1.33	20.	.26
500	1130		1	70.	2.	5.	3.	0.	19.	0.	1.	0.	0.	0.		22.	7.05	7.	.10
500	1133		1	63.	22.	0.	3.	0.	2.	10.	0.	0.	0.	0.		5.	.96	22.	.35
500	1134		1	72.	8.	6.	9.	0.	2.	0.	3.	0.	0.	0.		11.	.28	13.	.19
500	1135		1	76.	7.	7.	5.	0.	6.	0.	0.	0.	0.	0.		10.	1.19	14.	.18
500	1136		1	53.	26.	0.	1.	0.	0.	19.	1.	0.	0.	0.		1.	.00	26.	.48
500	1137		1	81.	5.	13.	0.	0.	0.	0.	1.	0.	0.	0.		0.		18.	.22
500	1138		1	66.	20.	6.	1.	0.	3.	2.	2.	0.	0.	0.		4.	4.02	27.	.40
500	1139		1	45.	46.	9.	0.	0.	0.	0.	0.	0.	0.	0.		0.		55.	1.25
500	1140		1	76.	18.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		24.	.32
500	1141		1	69.	4.	23.	0.	0.	3.	0.	2.	0.	0.	0.		3.		27.	.39
500	1142		1	74.	8.	11.	1.	0.	1.	5.	0.	0.	0.	0.		1.	1.49	19.	.26
500	1143		1	85.	5.	3.	4.	0.	2.	0.	0.	0.	0.	0.		6.	.41	8.	.10
500	1144		1	48.	27.	7.	0.	0.	0.	15.	0.	0.	0.	0.		0.		34.	.71
500	1146		1	54.	28.	7.	9.	0.	0.	1.	1.	0.	0.	0.		9.	.00	35.	.65
500	1147		1	57.	23.	6.	9.	0.	0.	5.	0.	0.	0.	0.		9.	.04	29.	.50
500	1148		1	60.	36.	3.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	38.	.64
500	1149		1	57.	29.	6.	0.	0.	0.	8.	0.	0.	0.	0.		0.		35.	.61
500	1150		1	54.	28.	16.	0.	0.	0.	0.	1.	0.	0.	0.		0.		44.	.82
500	1151		1	60.	34.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		39.	.65
500	1152		1	75.	0.	22.	0.	0.	0.	0.	1.	0.	0.	0.		0.		22.	.30
500	1153		1	48.	40.	2.	2.	0.	0.	8.	0.	0.	0.	0.		2.	.00	42.	.88
500	1154		1	72.	1.	19.	5.	0.	0.	0.	0.	0.	0.	0.		5.	.09	20.	.27
500	1155		1	38.	34.	0.	13.	0.	5.	10.	0.	0.	0.	0.		19.	.39	34.	.88
500	1156		1	46.	22.	16.	15.	0.	0.	0.	1.	0.	0.	0.		15.	.00	38.	.81
500	1157		1	33.	25.	0.	10.	0.	14.	17.	1.	0.	0.	0.		25.	1.35	25.	.77
500	1158		1	21.	47.	0.	14.	0.	5.	11.	2.	0.	0.	0.		19.	.38	47.	2.24
500	1160		1	32.	38.	0.	2.	0.	0.	27.	1.	0.	0.	0.		2.	.00	38.	1.23
500	1161		1	45.	27.	7.	6.	0.	2.	8.	4.	0.	0.	0.		9.	.39	34.	.75
500	1162		1	38.	40.	0.	4.	0.	10.	6.	1.	0.	0.	0.		14.	2.44	40.	1.06
500	1163		1	30.	24.	0.	3.	0.	5.	38.	0.	0.	0.	0.		8.	1.72	24.	.77
500	1164		1	62.	23.	3.	4.	0.	0.	7.	2.	0.	0.	0.		4.	.00	26.	.42
500	1165		1	23.	24.	0.	4.	0.	4.	45.	1.	0.	0.	0.		8.	.98	24.	1.04
500	1166	A	1	41.	17.	5.	2.	0.	1.	34.	1.	0.	0.	0.		2.	.26	21.	.52
500	1166	B	1	33.	13.	3.	1.	0.	0.	48.	1.	0.	0.	0.		1.	.00	16.	.48
500	1167		1	25.	20.	1.	1.	0.	1.	51.	0.	0.	0.	0.		2.	2.05	21.	.84
500	1168		1	81.	0.	18.	0.	0.	0.	0.	1.	0.	0.	0.		0.		18.	.23
500	1169		1	25.	9.	1.	0.	0.	2.	62.	0.	0.	0.	0.		3.		10.	.40
500	1170		1	15.	2.	6.	0.	0.	4.	72.	0.	0.	0.	0.		4.		8.	.52
500	1171		1	9.	6.	2.	0.	0.	3.	79.	0.	0.	0.	0.		3.		8.	.87
500	1172	A	1	10.	6.	2.	0.	0.	2.	80.	0.	0.	0.	0.		2.		8.	.86
500	1172	B	1	11.	6.	4.	0.	0.	0.	77.	1.	0.	0.	0.		0.		10.	.87
500	1173		1	36.	11.	9.	1.	0.	3.	39.	0.	0.	0.	0.		5.	2.16	20.	.55
500	1174		1	8.	23.	6.	42.	0.	21.	0.	0.	0.	0.	0.		63.	.51	29.	3.63
500	1175		1	44.	12.	7.	3.	0.	3.	29.	1.	0.	0.	0.		7.	.95	19.	.43
500	1176		1	25.	17.	9.	16.	0.	9.	23.	1.	0.	0.	0.		25.	.54	26.	1.05
500	1177		1	45.	4.	9.	1.	0.	5.	35.	1.	0.	0.	0.		6.	7.04	13.	.29
500	1178		1	41.	0.	13.	14.	0.	0.	31.	0.	0.	0.	0.		14.	.00	13.	.32
500	1179		1	39.	9.	5.	2.	0.	0.	44.	0.	0.	0.	0.		3.	.17	14.	.36
500	1180		1	49.	0.	46.	0.	0.	1.	0.	1.	0.	0.	0.		1.		46.	.94
500	1181		1	35.	3.	19.	0.	0.	0.	38.	2.	0.	0.	0.		0.		22.	.64
500	1182		1	24.	11.	10.	3.	0.	0.	51.	0.	0.	0.	0.		3.	.00	22.	.92
500	1184		1	71.	17.	7.	1.	0.	3.	0.	1.	0.	0.	0.		3.	4.06	25.	.35
500	1185		1	3.	11.	0.	64.	0.	10.	11.	0.	0.	0.	0.		74.	.15	11.	3.39
500	1186	A	1	38.	10.	12.	1.	0.	6.	32.	2.	0.	0.	0.		7.	7.85	23.	.60
500	1186	B	1	28.	15.	16.	0.	0.	2.	36.	1.	0.	0.	0.		2.		31.	1.08
500	1188		1	16.	4.	7.	0.	0.	0.	70.	1.	0.	0.	0.		0.		10.	.65
500	1189		1	9.	3.	6.	0.	0.	0.	80.	1.	0.	0.	0.		0.		9.	1.02
500	1191		1	6.	8.	2.	0.	0.	0.	81.	0.	1.	0.	0.		0.		10.	1.61
500	1192	A	1	27.	13.	12.	0.	0.	0.	44.	2.	0.	0.	0.		0.		25.	.90
500	1192	B	1	33.	29.	0.	1.	0.	0.	35.	0.	0.	0.	0.		1.	.00	29.	.88
500	1193	A	1	12.	0.	8.	0.	0.	0.	79.	0.	1.	0.	0.		0.		8.	.69
500	1193	B	1	17.	19.	2.	0.	0.	0.	59.	1.	0.	0.	0.		0.		21.	1.26
500	1194		1	11.	4.	5.	0.	0.	0.	79.	0.	0.	0.	0.		0.		9.	.79
500	1195	A	1	34.	13.	7.	0.	0.	5.	38.	2.	0.	0.	0.		5.		20.	.59
500	1195	B	1	11.	16.	2.	1.	0.	6.	63.	0.	0.	0.	0.		7.	5.48	19.	1.65
500	1196		1	87.	12.	0.	0.	0.	0.	0.	1.	0.	0.	0.		0.		12.	.14
500	1198		1	61.	29.	9.	0.	0.	0.	0.	1.	0.	0.	0.		0.		38.	.61
500	1199		1	51.	26.	14.	0.	0.	0.	8.	1.	0.	0.	0.		0.		40.	.79
500	1200		1	59.	23.	14.	0.	0.	0.	0.	4.	0.	0.	0.		0.		37.	.63
500	1202		1	18.	10.	5.	1.	0.	6.	59.	1.	0.	0.	0.		7.	12.22	16.	.88

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1203	1	41.	46.	10.	0.	0.	1.	0.	2.	0.	0.	0.	1.		56.	1.37
500	1204	1	63.	21.	6.	0.	0.	1.	7.	2.	0.	0.	0.	1.		27.	.42
500	1205	1	30.	2.	16.	0.	0.	4.	45.	2.	0.	0.	0.	4.		18.	.61
500	1206	1	62.	10.	5.	0.	0.	5.	18.	0.	0.	0.	0.	5.		15.	.25
500	1207	1	62.	8.	5.	0.	0.	1.	24.	0.	0.	0.	0.	1.		13.	.20
500	1208	1	92.	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.		8.	.09
500	1209	1	88.	5.	5.	1.	0.	1.	0.	0.	0.	0.	0.	2.	1.76	10.	.11
500	1210	1	66.	13.	4.	0.	0.	0.	17.	0.	0.	0.	0.	0.		17.	.25
500	1211	1	82.	16.	0.	0.	0.	1.	0.	1.	0.	0.	0.	2.		16.	.19
500	1212	1	76.	7.	14.	0.	0.	1.	0.	1.	0.	0.	0.	1.		21.	.28
500	1213	1	71.	0.	28.	0.	0.	0.	0.	1.	0.	0.	0.	0.		28.	.39
500	1214 A	1	35.	16.	3.	0.	0.	0.	41.	1.	1.	0.	0.	0.		19.	.56
500	1214 B	1	20.	15.	0.	0.	0.	0.	63.	0.	0.	0.	0.	0.		15.	.77
500	1214 C	1	19.	0.	8.	0.	0.	1.	69.	0.	0.	0.	0.	1.		8.	.43
500	1216	1	76.	2.	11.	0.	0.	2.	9.	0.	0.	0.	0.	2.		13.	.17
500	1217	1	85.	10.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		15.	.18
500	1219	1	80.	0.	19.	0.	0.	0.	0.	1.	0.	0.	0.	0.		19.	.24
500	1220	1	75.	0.	0.	0.	0.	25.	0.	0.	0.	0.	0.	25.		0.	.00
500	1221	1	91.	3.	5.	0.	0.	1.	0.	0.	0.	0.	0.	1.		8.	.09
500	1222	1	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		6.	.06
500	1224	1	28.	17.	0.	1.	0.	1.	52.	0.	0.	0.	0.	2.	.78	17.	.63
500	1226	1	44.	14.	5.	0.	0.	0.	34.	1.	1.	0.	0.	0.		19.	.43
500	1227	1	41.	14.	0.	0.	0.	0.	44.	0.	1.	0.	0.	0.		14.	.35
500	1228	1	54.	28.	8.	2.	0.	1.	8.	0.	0.	0.	0.	3.	.39	35.	.66
500	1229	1	53.	13.	17.	11.	0.	3.	0.	2.	0.	0.	0.	14.	.29	30.	.57
500	1230	1	61.	0.	37.	0.	0.	2.	0.	0.	0.	0.	0.	2.		37.	.60
500	1231	1	58.	23.	10.	0.	0.	0.	9.	0.	0.	0.	0.	0.		32.	.55
500	1232	1	52.	29.	15.	0.	0.	4.	0.	0.	0.	0.	0.	4.		44.	.85
500	1233	1	48.	0.	21.	3.	0.	1.	28.	0.	0.	0.	0.	4.	.40	21.	.43
500	1234	1	31.	10.	17.	0.	0.	5.	36.	1.	0.	0.	0.	5.		27.	.86
500	1235	1	51.	0.	25.	0.	0.	0.	22.	2.	0.	0.	0.	0.		25.	.50
500	1236	1	52.	0.	16.	0.	0.	7.	25.	0.	0.	0.	0.	7.		16.	.31
500	1237	1	25.	5.	15.	18.	0.	4.	33.	0.	0.	0.	0.	22.	.22	20.	.81
500	1238	1	39.	26.	28.	0.	0.	0.	2.	2.	0.	0.	0.	0.		54.	1.38
500	1239 A	1	32.	17.	25.	3.	0.	0.	21.	2.	0.	0.	0.	3.	.00	42.	1.33
500	1239 B	1	44.	39.	4.	9.	0.	0.	0.	2.	0.	0.	0.	9.	.00	43.	.99
500	1240	1	56.	15.	5.	19.	0.	5.	0.	0.	0.	0.	0.	23.	.24	20.	.36
500	1241	1	37.	29.	0.	9.	0.	23.	0.	2.	0.	0.	0.	32.	2.51	29.	.78
500	1242	1	61.	11.	9.	0.	0.	0.	19.	0.	0.	0.	0.	0.		19.	.32
500	1243	1	26.	25.	5.	0.	0.	0.	42.	0.	0.	0.	0.	0.		30.	1.12
500	1245	1	61.	14.	13.	11.	0.	0.	0.	0.	0.	0.	0.	11.	.00	27.	.44
500	1246	1	49.	17.	15.	0.	0.	3.	16.	0.	0.	0.	0.	3.		32.	.65
500	1248	1	59.	12.	15.	5.	0.	0.	7.	0.	0.	0.	0.	5.	.00	26.	.44
500	1249	1	30.	0.	20.	7.	0.	6.	36.	2.	0.	0.	0.	12.	.93	20.	.68
500	1250	1	21.	0.	10.	8.	0.	0.	62.	0.	0.	0.	0.	8.	.00	10.	.47
500	1251	1	30.	8.	9.	6.	0.	0.	43.	1.	1.	0.	0.	6.	.00	17.	.58
500	1252	1	42.	3.	14.	0.	0.	0.	38.	2.	0.	0.	0.	0.		17.	.40
500	1253 A	1	57.	0.	35.	0.	0.	7.	0.	0.	0.	0.	0.	7.		35.	.61
500	1253 B	1	26.	9.	0.	3.	0.	0.	59.	1.	2.	0.	0.	3.	.00	9.	.35
500	1255 A	1	11.	10.	0.	7.	0.	0.	71.	0.	0.	0.	0.	7.	.00	10.	.87
500	1255 B	1	91.	0.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.		9.	.10
500	1256	1	97.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.		3.	.03
500	1257	1	43.	2.	2.	0.	0.	4.	49.	0.	0.	0.	0.	4.		4.	.09
500	1258	1	87.	9.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		13.	.14
500	1259	1	74.	1.	18.	0.	0.	6.	0.	0.	0.	0.	0.	6.		19.	.26
500	1261	1	70.	0.	13.	10.	0.	0.	2.	2.	0.	0.	0.	10.	.00	13.	.18
500	1262	1	57.	21.	0.	6.	0.	0.	14.	2.	0.	0.	0.	6.	.00	21.	.38
500	1263	1	48.	14.	5.	15.	0.	0.	17.	2.	0.	0.	0.	15.	.00	20.	.41
500	1264	1	69.	3.	5.	8.	0.	2.	10.	1.	0.	0.	0.	10.	.28	9.	.12
500	1265	1	60.	11.	3.	11.	0.	0.	14.	2.	0.	0.	0.	11.	.00	14.	.23
500	1268	1	67.	0.	12.	9.	0.	0.	11.	0.	0.	0.	0.	9.	.00	12.	.19
500	1269	1	68.	0.	16.	3.	0.	0.	12.	0.	0.	0.	0.	3.	.00	16.	.24
500	1270 A	1	69.	9.	0.	11.	0.	0.	10.	0.	0.	0.	0.	11.	.00	9.	.14
500	1270 B	1	26.	8.	7.	1.	0.	0.	58.	0.	0.	0.	0.	1.	.00	15.	.59
500	1271	1	76.	0.	12.	7.	0.	0.	0.	4.	0.	0.	0.	7.	.00	12.	.16
500	1272	1	59.	12.	0.	6.	0.	0.	22.	0.	0.	0.	0.	6.	.00	12.	.21
500	1273	1	84.	5.	10.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	15.	.17
500	1275	1	89.	2.	6.	0.	0.	0.	0.	3.	0.	0.	0.	0.		8.	.10
500	1276	1	77.	16.	5.	1.	0.	0.	0.	2.	0.	0.	0.	1.	.00	20.	.26
500	1277	1	80.	0.	16.	0.	0.	2.	0.	2.	0.	0.	0.	2.		16.	.20
500	1278	1	75.	0.	6.	0.	0.	1.	18.	0.	0.	0.	0.	1.		6.	.08
500	1279	1	91.	0.	8.	0.	0.	0.	0.	1.	0.	0.	0.	0.		8.	.09
500	1280	1	71.	26.	0.	0.	0.	1.	0.	2.	0.	0.	0.	1.		26.	.37
500	1281 A	1	87.	0.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.12
500	1281 B	1	68.	1.	16.	0.	0.	0.	13.	2.	0.	0.	0.	0.		17.	.25
500	1282	1	83.	14.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.		17.	.20
500	1283	1	95.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		5.	.05
500	1284	1	90.	5.	3.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	8.	.09
500	1285	1	93.	0.	3.	3.	0.	0.	0.	0.	0.	0.	0.	3.	.00	3.	.04
500	1286	1	87.	0.	12.	0.	0.	1.	0.	1.	0.	0.	0.	1.		12.	.13
500	1287	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00
500	1288 A	1	80.	10.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.		19.	.24
500	1288 B	1	48.	30.	13.	0.	0.	5.	0.	2.	0.	0.	0.	5.		43.	.90
500	1289	1	75.	12.	8.	0.	0.	3.	0.	2.	0.	0.	0.	3.		20.	.26
500	1290	1	88.	5.	2.	0.	0.	4.	0.	0.	0.	0.	0.	4.		7.	.08
500	1291	1	89.	0.	7.	1.	0.	2.	0.	1.	0.	0.	0.	3.	1.52	7.	.08
500	1292	1	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		6.	.07
500	1293	1	72.	0.	16.	6.	0.	0.	0.	5.	0.	0.	0.	6.	.00	16.	.22
500	1294	1	71.	21.	0.	2.	0.	3.	1.	1.	0.	0.	0.	5.	1.41	21.	.29
500	1295	1	91.	6.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.		9.	.10

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	1296	1	86.	7.	6.	0.	0.	0.	0.	1.	0.	0.	0.	0.		13.	.15
500	1297	1	79.	10.	5.	1.	0.	5.	0.	0.	0.	0.	0.	6.	4.25	15.	.19
500	1298	1	85.	0.	10.	0.	0.	1.	0.	4.	0.	0.	0.	1.		10.	.12
500	1299	1	84.	0.	13.	1.	0.	0.	0.	1.	0.	0.	0.	1.	.00	13.	.16
500	1300	1	93.	0.	3.	0.	0.	4.	0.	0.	0.	0.	0.	4.		3.	.03
500	1301	1	76.	1.	20.	0.	0.	0.	0.	1.	0.	0.	0.	0.		21.	.27
500	1302	1	63.	8.	9.	1.	0.	1.	18.	1.	0.	0.	0.	1.	1.82	17.	.27
500	1303	1	76.	11.	8.	1.	0.	0.	0.	2.	0.	0.	0.	2.	.21	20.	.26
500	1304	1	65.	19.	10.	0.	0.	4.	0.	2.	0.	0.	0.	4.		29.	.45
500	1305	1	83.	10.	1.	0.	0.	0.	2.	2.	0.	0.	0.	0.		11.	.14
500	1306	1	73.	13.	9.	0.	0.	0.	0.	4.	0.	0.	0.	0.		22.	.30
500	1307	1	86.	3.	8.	0.	0.	1.	0.	2.	0.	0.	0.	1.		11.	.13
500	1308	1	70.	0.	27.	0.	0.	1.	0.	1.	0.	0.	0.	1.		27.	.39
500	1309	1	90.	2.	6.	0.	0.	0.	1.	1.	0.	0.	0.	0.		7.	.08
500	1310	1	56.	35.	6.	0.	0.	0.	0.	1.	0.	0.	0.	0.		41.	.74
500	1311	1	84.	0.	12.	3.	0.	0.	0.	0.	0.	0.	0.	3.	.16	12.	.15
500	1312 A	1	96.	1.	2.	0.	0.	0.	0.	1.	0.	0.	0.	0.		4.	.04
500	1312 B	1	62.	15.	17.	0.	0.	0.	0.	6.	0.	0.	0.	0.		31.	.49
500	1313	1	92.	1.	4.	0.	0.	0.	0.	2.	0.	0.	0.	0.		5.	.06
500	1313	2	86.	10.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		14.	.16
500	1314	3	68.	13.	3.	14.	0.	0.	0.	1.	0.	0.	0.	14.	.00	16.	.24
500	1314	1	77.	8.	0.	10.	0.	0.	2.	2.	0.	0.	0.	11.	.01	8.	.10
500	1315	1	87.	7.	0.	0.	0.	0.	0.	6.	0.	0.	0.	0.		7.	.08
500	1316	1	65.	0.	19.	0.	0.	0.	0.	16.	0.	0.	0.	0.		19.	.28
500	1316	2	83.	3.	11.	0.	0.	0.	0.	2.	0.	0.	0.	0.		14.	.17
500	1317	2	78.	11.	9.	0.	0.	0.	0.	2.	0.	0.	0.	0.		20.	.26
500	1317	1	79.	10.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		20.	.25
500	1318	1	77.	20.	0.	1.	0.	0.	0.	2.	0.	0.	0.	1.	.00	20.	.26
500	1318	2	74.	14.	9.	0.	3.	0.	0.	0.	0.	0.	0.	3.	.00	23.	.31
500	1319	2	71.	13.	15.	0.	0.	0.	0.	0.	0.	0.	0.	0.		29.	.40
500	1319	1	56.	27.	4.	6.	0.	0.	6.	0.	0.	0.	0.	6.	.00	31.	.56
500	1320	1	87.	0.	10.	1.	0.	1.	0.	1.	0.	0.	0.	2.	.46	10.	.12
500	1320	2	61.	24.	8.	0.	7.	0.	0.	0.	0.	0.	0.	7.	.00	32.	.53
500	1321	1	88.	0.	8.	0.	0.	3.	0.	1.	0.	0.	0.	3.		8.	.09
500	1322	1	75.	13.	3.	2.	0.	1.	3.	3.	0.	0.	0.	3.	.70	15.	.21
500	1323	1	65.	3.	10.	17.	0.	2.	0.	3.	0.	0.	0.	19.	.12	13.	.20
500	1324 A	1	33.	5.	2.	10.	0.	2.	44.	4.	0.	0.	0.	12.	.26	7.	.20
500	1325	1	69.	0.	21.	5.	0.	0.	0.	4.	0.	0.	0.	5.	.00	21.	.31
500	1326	1	46.	0.	28.	13.	0.	2.	9.	3.	0.	0.	0.	15.	.18	28.	.61
500	1327	1	38.	12.	8.	8.	0.	0.	34.	1.	0.	0.	0.	8.	.00	20.	.54
500	1328	1	24.	14.	3.	13.	0.	0.	44.	0.	0.	0.	0.	13.	.00	17.	.73
500	1329 A	1	28.	10.	5.	12.	0.	0.	41.	1.	0.	0.	0.	12.	.00	15.	.53
500	1329 B	1	21.	2.	10.	4.	0.	1.	60.	1.	0.	0.	0.	5.	.23	12.	.57
500	1330	1	19.	4.	2.	14.	0.	0.	57.	4.	0.	0.	0.	14.	.00	6.	.30
500	1332	1	24.	8.	3.	22.	0.	1.	42.	0.	0.	0.	0.	23.	.06	11.	.48
500	1333	1	25.	11.	5.	21.	0.	1.	36.	1.	0.	0.	0.	22.	.05	16.	.63
500	1334	1	29.	17.	0.	12.	0.	0.	39.	2.	0.	0.	0.	12.	.00	17.	.59
500	1335	1	58.	14.	7.	15.	0.	0.	0.	5.	0.	0.	0.	15.	.00	22.	.37
500	1336	1	81.	1.	7.	1.	0.	11.	0.	0.	0.	0.	0.	12.	10.35	7.	.09
500	1337	1	72.	22.	2.	2.	0.	1.	0.	1.	0.	0.	0.	3.	.36	24.	.33
500	1337	2	80.	8.	11.	0.	1.	0.	0.	0.	0.	0.	0.	1.	.00	19.	.24
500	1338	3	80.	9.	9.	0.	0.	0.	0.	2.	0.	0.	0.	0.		18.	.23
500	1338	1	85.	9.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		14.	.17
500	1339	1	75.	8.	11.	3.	0.	0.	0.	3.	0.	0.	0.	3.	.00	19.	.25
500	1339	2	75.	13.	12.	0.	0.	0.	0.	1.	0.	0.	0.	0.		25.	.34
500	1340	2	81.	11.	7.	0.	0.	0.	0.	1.	0.	0.	0.	0.		18.	.22
500	1340	1	80.	6.	7.	4.	0.	2.	0.	1.	0.	0.	0.	5.	.45	13.	.17
500	1341	1	88.	12.	0.	1.	0.	0.	0.	0.	0.	0.	0.	1.	.00	12.	.13
500	1341	2	63.	20.	16.	0.	1.	0.	0.	1.	0.	0.	0.	1.	.00	36.	.58
500	1342	2	85.	9.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		15.	.18
500	1342	1	98.	0.	0.	1.	0.	1.	0.	0.	0.	0.	0.	2.	1.22	0.	.00
500	1343	1	76.	19.	4.	0.	0.	1.	0.	1.	0.	0.	0.	1.		23.	.30
500	1343	3	82.	6.	10.	0.	0.	0.	0.	3.	0.	0.	0.	2.	.00	16.	.20
500	1344	2	81.	14.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		19.	.23
500	1344	1	65.	0.	33.	0.	0.	1.	0.	0.	0.	0.	0.	1.		33.	.51
500	1345	1	93.	0.	4.	2.	0.	0.	0.	1.	0.	0.	0.	2.	.15	4.	.05
500	1345	2	96.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		4.	.04
500	1346	2	55.	31.	4.	0.	2.	0.	6.	1.	0.	0.	0.	2.	.00	35.	.63
500	1346	1	54.	21.	8.	2.	0.	0.	11.	5.	0.	0.	0.	2.	.00	28.	.52
500	1347	1	98.	0.	0.	0.	0.	2.	0.	0.	0.	0.	0.	2.		0.	.00
500	1347	3	100.	00.	0.	0.	0.	00.	0.	0.	0.	0.	0.	23.		00.	.00
500	1348	2	67.	18.	5.	0.	0.	0.	0.	4.	0.	3.	0.	0.	.00	23.	.35
500	1348	1	44.	6.	4.	0.	0.	2.	43.	1.	0.	0.	0.	2.		10.	.24
500	1349	1	92.	0.	7.	0.	0.	0.	0.	0.	0.	0.	0.	0.		7.	.08
500	1349	2	81.	9.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.		19.	.23
500	1350	3	68.	21.	4.	0.	3.	0.	0.	2.	0.	0.	0.	3.	.00	25.	.37
500	1350	1	71.	16.	9.	0.	0.	0.	0.	3.	0.	0.	0.	0.		25.	.35
500	1351	1	76.	0.	19.	0.	0.	1.	0.	4.	0.	0.	0.	1.		19.	.25
500	1351	2	63.	14.	7.	0.	0.	0.	14.	1.	0.	0.	0.	0.		21.	.33
500	1352	2	84.	9.	5.	0.	1.	0.	0.	0.	0.	0.	0.	1.	.00	14.	.17
500	1352	1	84.	11.	2.	2.	0.	0.	0.	1.	0.	0.	0.	2.	.00	14.	.16
500	1353	1	88.	0.	10.	0.	0.	0.	0.	1.	0.	0.	0.	0.		10.	.12
500	1353	3	85.	9.	5.	0.	1.	0.	0.	0.	0.	0.	0.	1.	.00	14.	.16
500	1354	3	80.	9.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.	.00	18.	.26
500	1354	1	87.	3.	5.	2.	0.	1.	0.	2.	0.	0.	0.	2.	.55	8.	.09
500	1355 A	1	69.	20.	4.	1.	0.	1.	0.	6.	0.	0.	0.	1.	1.87	24.	.34
500	1355 A	2	59.	13.	3.	2.	0.	0.	20.	0.	0.	0.	0.	2.	.00	16.	.27
500	1355 B	2	21.	9.	3.	4.	0.	0.	63.	0.	0.	0.	0.	4.	.00	12.	.57
500	1355 B	1	24.	21.	0.	2.	0.	0.	50.	3.	0.	0.	0.	2.	.00	21.	.89
500	1356	1	93.	2.	3.	2.	0.	0.	0.	0.	0.	0.	0.	2.	.00	5.	.06

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1356	2	78.	11.	11.	0.	0.	0.	0.	0.	0.	0.	0.		0.		22.	.29
500	1357	2	45.	15.	13.	5.	0.	0.	18.	3.	0.	0.	0.		5.	.00	29.	.64
500	1357	1	33.	13.	2.	13.	0.	0.	36.	0.	0.	0.	0.		13.	.00	15.	.45
500	1358	1	69.	13.	11.	4.	0.	0.	0.	2.	0.	0.	0.		4.	.08	25.	.35
500	1358	2	56.	18.	6.	3.	0.	0.	16.	1.	0.	0.	0.		3.	.00	24.	.43
500	1359	3	70.	15.	15.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00	30.	.42
500	1359	1	91.	0.	7.	1.	0.	0.	0.	1.	0.	0.	0.		1.	.00	7.	.08
500	1360 A	1	75.	11.	0.	4.	0.	0.	0.	9.	0.	0.	0.		4.	.00	11.	.15
500	1360 A	2	64.	17.	9.	0.	0.	0.	9.	0.	0.	0.	0.		0.		26.	.41
500	1360 B	2	45.	16.	0.	10.	0.	7.	22.	0.	0.	0.	0.		17.	.70	16.	.36
500	1360 B	1	25.	15.	2.	5.	0.	2.	49.	2.	0.	0.	0.		7.	.44	18.	.71
500	1361	1	74.	21.	0.	2.	0.	2.	0.	1.	0.	0.	0.		4.	.90	21.	.28
500	1361	3	77.	12.	9.	0.	0.	0.	0.	1.	0.	0.	0.		0.	.00	17.	.22
500	1362	3	77.	8.	10.	0.	0.	0.	0.	2.	0.	0.	0.		0.	.00	18.	.23
500	1362	1	81.	4.	11.	0.	0.	0.	2.	3.	0.	0.	0.		0.		14.	.18
500	1363	1	90.	9.	0.	0.	0.	1.	0.	0.	0.	0.	0.		1.		9.	.10
500	1363	2	86.	7.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		13.	.15
500	1364	2	79.	12.	9.	0.	0.	0.	0.	0.	0.	0.	0.		0.		21.	.27
500	1364	1	91.	0.	9.	0.	0.	0.	0.	0.	0.	0.	0.		0.		9.	.10
500	1365	1	93.	1.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		7.	.08
500	1365	2	77.	14.	9.	0.	0.	0.	0.	0.	0.	0.	0.		0.		23.	.30
500	1366	2	85.	9.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		15.	.18
500	1366	1	78.	15.	2.	2.	0.	2.	0.	1.	0.	0.	0.		4.	1.12	17.	.22
500	1367	1	74.	0.	17.	4.	0.	3.	0.	2.	0.	0.	0.		7.	.75	17.	.23
500	1367	3	76.	10.	9.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	19.	.25
500	1368 A	2	47.	17.	0.	10.	0.	0.	26.	0.	0.	0.	0.		10.	.00	17.	.36
500	1368 A	1	43.	15.	3.	8.	0.	0.	30.	1.	0.	0.	0.		8.	.00	18.	.43
500	1368 B	1	17.	7.	11.	8.	0.	7.	49.	2.	0.	0.	0.		15.	.91	17.	1.03
500	1368 B	2	16.	8.	3.	6.	0.	0.	57.	2.	0.	0.	8.		6.	.00	11.	.69
500	1369 A	2	74.	16.	9.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	25.	.34
500	1369 A	1	92.	0.	3.	2.	0.	0.	0.	2.	0.	0.	0.		2.	.00	3.	.04
500	1369 B	1	18.	13.	0.	4.	0.	0.	64.	1.	0.	0.	0.		4.	.00	13.	.70
500	1369 B	2	37.	11.	10.	9.	2.	0.	30.	0.	0.	0.	0.	*	11.	.00	22.	.58
500	1371	2	63.	23.	11.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	35.	.55
500	1371	1	61.	0.	11.	6.	0.	0.	21.	1.	0.	0.	0.		6.	.00	11.	.18
500	1372	1	77.	6.	0.	4.	0.	1.	12.	0.	0.	0.	0.		5.	.31	6.	.08
500	1373	1	86.	11.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		14.	.17
500	1374	1	85.	7.	4.	0.	0.	4.	0.	0.	0.	0.	0.		4.		10.	.12
500	1375	1	79.	3.	11.	0.	0.	2.	0.	5.	0.	0.	0.		2.		14.	.18
500	1376	1	88.	0.	11.	0.	0.	0.	0.	1.	0.	0.	0.		0.		11.	.12
500	1376	3	79.	9.	9.	0.	0.	0.	3.	1.	0.	0.	0.		0.	.00	18.	.23
500	1377	2	85.	10.	4.	0.	0.	0.	0.	1.	0.	0.	0.		0.		14.	.16
500	1377	1	93.	0.	6.	0.	0.	0.	0.	1.	0.	0.	0.		0.		6.	.06
500	1378	1	81.	2.	2.	15.	0.	0.	0.	0.	0.	0.	0.		15.	.00	5.	.06
500	1378	3	88.	5.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		12.	.14
500	1379	2	98.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.		0.		2.	.02
500	1379	1	91.	3.	2.	0.	0.	3.	0.	1.	0.	0.	0.		3.		5.	.05
500	1380	1	99.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.		1.		0.	.00
500	1381	1	89.	8.	0.	1.	0.	2.	0.	0.	0.	0.	0.		3.	2.67	8.	.09
500	1382 A	1	97.	0.	0.	0.	0.	3.	0.	0.	0.	0.	0.		3.		0.	.00
500	1382 B	1	89.	7.	3.	0.	0.	1.	0.	0.	0.	0.	0.		1.		10.	.11
500	1383	1	61.	25.	6.	1.	0.	3.	0.	5.	0.	0.	0.		3.	4.64	31.	.51
500	1384	1	87.	6.	4.	0.	0.	0.	0.	1.	0.	0.	0.		0.		10.	.11
500	1385	1	88.	0.	10.	0.	0.	0.	0.	3.	0.	0.	0.		0.		10.	.11
500	1386	1	88.	4.	0.	0.	0.	0.	3.	2.	0.	0.	0.		0.		4.	.04
500	1387	1	97.	0.	0.	0.	0.	0.	0.	2.	0.	0.	0.		0.		0.	.00
500	1388	1	96.	0.	0.	0.	0.	4.	0.	0.	0.	0.	0.		4.		0.	.00
500	1389	1	88.	7.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		12.	.14
500	1390	1	92.	6.	0.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	6.	.06
500	1391	1	99.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.		0.		0.	.00
500	1392	1	83.	8.	0.	9.	0.	0.	0.	0.	0.	0.	0.		9.	.00	8.	.09
500	1393	1	92.	0.	7.	0.	0.	0.	0.	2.	0.	0.	0.		0.		7.	.07
500	1394	1	99.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.		0.		0.	.00
500	1395	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1396	1	72.	19.	5.	0.	0.	0.	0.	3.	0.	0.	0.		0.		25.	.34
500	1397	1	79.	16.	4.	0.	0.	0.	0.	0.	0.	0.	0.		0.		21.	.26
500	1398	1	88.	8.	2.	1.	0.	0.	0.	1.	0.	0.	0.		1.	.00	10.	.11
500	1399	1	82.	11.	5.	0.	0.	1.	0.	1.	0.	0.	0.		1.		16.	.20
500	1400	1	30.	1.	6.	0.	0.	0.	62.	2.	0.	0.	0.		0.		6.	.21
500	1404	2	5.	0.	0.	55.	16.	24.	0.	0.	0.	0.	0.		95.	.34	0.	.00
500	1405	2	6.	0.	0.	47.	16.	31.	0.	0.	0.	0.	0.		95.	.49	0.	.00
500	1406	2	39.	12.	5.	19.	24.	14 0.	0.	0.	0.	0.	0.		43.	.00	17.	.44
500	1407	1	86.	5.	8.	0.	0.	2.	0.	0.	0.	0.	0.		2.		13.	.15
500	1408	1	95.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		5.	.05
500	1409	1	79.	8.	3.	0.	0.	1.	7.	2.	0.	0.	0.		1.		11.	.13
500	1410	1	99.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.		1.		0.	.00
500	1411	1	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1412	1	98.	0.	0.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	0.	.00
500	1415	2	64.	20.	12.	0.	2.	0.	0.	1.	0.	0.	0.		2.	.00	32.	.50
500	1416	3	80.	10.	6.	0.	0.	0.	0.	3.	0.	0.	0.		0.		16.	.20
500	1417	2	98.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	0.	.00
500	1418	2	86.	8.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		14.	.16
500	1419	3	84.	7.	7.	0.	0.	0.	0.	1.	0.	0.	0.		0.		14.	.16
500	1420	3	87.	6.	6.	0.	0.	0.	0.	1.	0.	0.	0.		0.		12.	.13
500	1421	2	91.	3.	3.	0.	0.	0.	0.	1.	0.	0.	0.		0.	.00	6.	.07
500	1422	2	89.	5.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		11.	.12
500	1423	3	77.	10.	10.	0.	0.	0.	0.	1.	0.	0.	0.		1.	.00	20.	.26
500	1424	3	70.	13.	14.	0.	0.	0.	0.	1.	0.	0.	0.		0.		27.	.39
500	1425	3	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00	0.	.00
500	1426	2	82.	7.	11.	0.	0.	0.	0.	0.	0.	0.	0.		0.		18.	.22

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1427	3	92.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		8.	.09
500	1428	2	81.	11.	8.	0.	0.	0.	0.	0.	0.	0.	0.		0.		19.	.23
500	1429	2	85.	12.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		15.	.18
500	1430	2	82.	10.	7.	0.	0.	0.	0.	1.	0.	0.	0.		0.		17.	.21
500	1431	2	84.	10.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		16.	.19
500	1432	2	77.	9.	13.	0.	0.	0.	0.	1.	0.	0.	0.		0.		22.	.29
500	1433	3	78.	13.	7.	0.	0.	0.	0.	1.	0.	0.	0.		0.	.00	20.	.26
500	1434	2	72.	15.	11.	0.	0.	0.	0.	1.	0.	0.	0.		0.		27.	.37
500	1435	2	93.	1.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		7.	.08
500	1436	2	81.	11.	8.	0.	0.	0.	0.	0.	0.	0.	0.		0.		19.	.23
500	1437	2	68.	6.	1.	6.	17.	0.	0.	1.	0.	0.	0.		23.	.00	7.	.10
500	1438	2	93.	0.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		7.	.08
500	1439	2	97.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		3.	.03
500	1440	2	97.	0.	2.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	2.	.02
500	1441	2	92.	2.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		8.	.09
500	1442	2	93.	2.	4.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	6.	.07
500	1443 A	2	73.	11.	6.	1.	3.	6.	0.	0.	0.	0.	0.		10.	1.50	17.	.23
500	1443 B	2	50.	8.	7.	1.	2.	0.	33.	0.	0.	0.	0.		3.	.00	14.	.28
500	1444	2	38.	1.	0.	5.	5.	50.	0.	0.	0.	0.	0.		60.	5.00	1.	.03
500	1445	2	35.	1.	0.	5.	4.	55.	0.	0.	0.	0.	0.		64.	6.11	1.	.03
500	1446	3	43.	0.	5.	7.	11.	34.	0.	0.	0.	0.	0.		41.	1.78	5.	.12
500	1447	2	78.	7.	4.	0.	3.	9.	0.	0.	0.	0.	0.		12.	3.00	11.	.14
500	1448	2	86.	6.	3.	1.	2.	0.	0.	0.	0.	2.	0.		3.	.00	9.	.10
500	1449	2	80.	0.	0.	0.	3.	16.	0.	0.	0.	1.	0.		19.	5.33	0.	.00
500	1450	2	94.	2.	3.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	5.	.05
500	1451	2	78.	0.	0.	2.	3.	16.	0.	0.	0.	0.	0.		21.	3.20	0.	.00
500	1452	2	86.	0.	0.	8.	2.	4.	0.	0.	0.	0.	0.		14.	.40	0.	.00
500	1453	2	91.	1.	6.	1.	1.	0.	0.	0.	0.	0.	0.		2.	.00	7.	.08
500	1454	2	93.	0.	0.	5.	2.	0.	0.	0.	0.	0.	0.		7.	.00	0.	.00
500	1455	2	95.	0.	0.	0.	5.	0.	0.	0.	0.	0.	0.		5.	.00	0.	.00
500	1456	2	90.	0.	0.	5.	2.	3.	0.	0.	0.	0.	0.		10.	.43	0.	.00
500	1457	2	48.	0.	0.	0.	24.	28.	0.	0.	0.	0.	0.		52.	1.12	0.	.00
500	1458	2	68.	0.	0.	12.	0.	19.	0.	0.	0.	0.	0.		31.	1.58	0.	.00
500	1459	2	82.	0.	0.	2.	1.	16.	0.	0.	0.	0.	0.		19.	5.33	0.	.00
500	1460	2	90.	1.	4.	1.	0.	4.	0.	0.	0.	0.	0.		5.	4.00	5.	.06
500	1461	2	91.	0.	0.	0.	3.	6.	0.	0.	0.	0.	0.		9.	2.00	0.	.00
500	1462	2	87.	0.	5.	0.	2.	6.	0.	0.	0.	0.	0.		8.	3.00	5.	.06
500	1463	3	96.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		4.	.04
500	1464	3	89.	5.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		10.	.11
500	1465 A	2	97.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	1.	.01
500	1465 B	2	48.	0.	0.	2.	1.	5.	44.	0.	0.	0.	0.		8.	1.67	0.	.00
500	1466	2	96.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		4.	.04
500	1467	2	91.	2.	0.	7.	0.	0.	0.	0.	0.	0.	0.		7.	.00	2.	.02
500	1468	2	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1469	3	89.	5.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		11.	.11
500	1470	2	86.	5.	6.	1.	1.	0.	0.	1.	0.	0.	0.		2.	.00	11.	.13
500	1471	2	92.	3.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		9.	.10
500	1472	3	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1473	2	88.	8.	4.	0.	0.	0.	0.	0.	0.	0.	0.		0.		12.	.14
500	1474	3	87.	0.	5.	0.	8.	0.	0.	0.	0.	0.	0.		8.	.00	5.	.07
500	1475	2	84.	0.	0.	2.	0.	14.	0.	0.	0.	0.	0.		16.	7.00	0.	.00
500	1476	2	92.	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.		0.		8.	.09
500	1477	2	83.	0.	11.	1.	0.	5.	0.	0.	0.	0.	0.		6.	5.00	11.	.13
500	1478	2	83.	0.	4.	0.	2.	3 12.	0.	0.	0.	0.	0.		14.	6.00	4.	.05
500	1479	2	96.	0.	3.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	3.	.03
500	1480	2	82.	6.	2.	0.	2.	7.	0.	0.	0.	0.	0.	*	9.	3.50	8.	.10
500	1481	2	61.	0.	3.	19.	0.	16.	0.	0.	0.	1.	0.		35.	.84	3.	.05
500	1482	2	74.	4.	0.	0.	6.	15.	0.	0.	0.	0.	0.		21.	2.50	4.	.05
500	1483	2	74.	5.	5.	1.	0.	1.	13.	0.	0.	2.	0.		2.	1.00	10.	.14
500	1484	3	57.	5.	0.	2.	0.	27.	8.	0.	0.	0.	0.		25.	11.50	5.	.08
500	1485	2	80.	4.	1.	4.	0.	11.	0.	0.	0.	0.	0.		15.	2.75	5.	.06
500	1486 A	3	81.	5.	8.	0.	0.	5.	0.	0.	0.	0.	0.		5.		19.	.25
500	1486 B	2	52.	0.	9.	0.	3.	3 0.	37.	0.	0.	0.	0.		3.	.00	9.	.16
500	1487	3	77.	3.	0.	1.	0.	19.	0.	0.	0.	0.	0.		19.	18.00	5.	.07
500	1488 A	3	83.	7.	9.	0.	0.	10 0.	0.	1.	0.	0.	0.		0.		16.	.19
500	1488 B	3	53.	0.	14.	0.	2.	8 0.	29.	0.	2.	0.	0.		2.	.00	14.	.26
500	1489	2	84.	6.	3.	1.	0.	0.	6.	0.	0.	0.	0.		1.	.00	9.	.11
500	1490	3	63.	0.	10.	0.	0.	26.	0.	0.	0.	0.	0.		23.		10.	.16
500	1491	2	95.	0.	0.	2.	0.	3.	0.	0.	0.	0.	0.		5.	1.50	0.	.00
500	1492	2	94.	2.	3.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	5.	.05
500	1493	2	89.	5.	5.	0.	0.	0.	0.	0.	0.	0.	0.	*	0.		10.	.11
500	1494	2	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1495	3	95.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	14.	.04
500	1496	2	94.	2.	4.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1497	2	87.	0.	4.	1.	0.	0.	8.	0.	0.	0.	0.		1.	.00	4.	.05
500	1498	2	93.	4.	2.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	6.	.07
500	1499	2	83.	7.	10.	0.	0.	0.	0.	1.	0.	0.	0.		0.		17.	.20
500	1500	3	90.	2.	4.	4.	0.	0.	0.	0.	0.	0.	0.	*	4.	.00	6.	.07
500	1501	2	80.	0.	8.	2.	0.	11.	0.	0.	0.	0.	0.		13.	5.50	8.	.10
500	1502	2	76.	0.	0.	4.	0.	14.	6.	0.	0.	0.	0.		18.	3.50	0.	.00
500	1503 A	2	95.	3.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	3.	.03
500	1503 B	3	16.	0.	0.	42.	0.	11 0.	42.	0.	0.	0.	0.		0.		0.	.00
500	1504	2	78.	0.	12.	0.	0.	9.	0.	0.	0.	0.	0.		9.		12.	.15
500	1505	2	64.	2.	0.	0.	0.	27.	8.	0.	0.	0.	0.		27.		2.	.03
500	1506	2	55.	0.	0.	5.	0.	31.	8.	0.	0.	0.	0.		36.	6.20	0.	.00
500	1507	2	75.	0.	2.	6.	1.	17.	0.	0.	0.	0.	0.		42.	2.43	2.	.03
500	1508 A	3	97.	0.	0.	3.	0.	0.	0.	0.	0.	0.	0.		3.		0.	.00
500	1508 B	2	75.	0.	4.	3.	1.	6 7.	9.	0.	0.	0.	0.		11.	1.75	4.	.05
500	1509 A	3	84.	9.	7.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	8.	.09
500	1509 B	2	76.	17.	6.	0.	0.	8 0.	0.	0.	0.	0.	0.		0.		16.	.19

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC		ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER		$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	1510		2	65.	0.	0.	7.	1.	10	23.	4.	0.	0.	0.	0.			31.	2.87	0.	.00
500	1511		3	60.	3.	0.	10.	2.	8	25.	0.	0.	0.	0.	0.			36.	2.60	3.	.05
500	1512		2	65.	0.	0.	11.	0.		25.	0.	0.	0.	0.	0.			36.	2.27	0.	.00
500	1513		3	87.	3.	3.	3.	0.		5.	0.	0.	0.	0.	0.			8.	1.67	6.	.07
500	1514	A	2	69.	6.	3.	5.	0.		17.	0.	0.	0.	0.	0.			22.	3.40	9.	.13
500	1515		3	63.	8.	6.	0.	5.	5	2.	16.	0.	0.	0.	0.	*		6.	.50	14.	.22
500	1516		2	53.	4.	9.	3.	0.		3.	28.	0.	0.	0.	0.			6.	1.00	13.	.25
500	1517		3	83.	6.	2.	1.	0.		5.	0.	0.	0.	3.	0.			6.	5.00	8.	.09
500	1518		2	58.	9.	0.	0.	4.	3	0.	29.	0.	0.	0.	0.			4.	.00	9.	.16
500	1519		2	68.	5.	6.	2.	0.		0.	18.	0.	0.	0.	0.			2.	.00	11.	.16
500	1520		3	74.	6.	4.	2.	0.		0.	14.	0.	0.	0.	0.			2.	.00	10.	.14
500	1521		2	65.	0.	0.	8.	2.	13	27.	0.	0.	0.	0.	0.			37.	2.70	0.	.00
500	1522		2	47.	2.	0.	12.	2.	13	35.	0.	0.	0.	0.	0.			49.	2.80	2.	.04
500	1523		2	17.	4.	0.	26.	8.	10	38.	7.	0.	0.	0.	0.			72.	1.12	4.	.24
500	1524		2	24.	0.	0.	21.	12.	10	44.	0.	0.	0.	0.	0.			77.	1.33	0.	.00
500	1525		2	47.	3.	0.	14.	3.	13	29.	0.	0.	0.	4.	0.			46.	1.71	3.	.06
500	1526		2	77.	0.	0.	6.	0.		16.	0.	0.	0.	0.	0.			22.	2.67	0.	.00
500	1527		2	39.	0.	0.	28.	0.		34.	0.	0.	0.	0.	0.			61.	1.22	0.	.00
500	1528		2	28.	0.	0.	18.	12.	10	42.	0.	0.	0.	0.	0.			72.	1.37	0.	.00
500	1529		2	19.	12.	0.	23.	10.	8	35.	0.	0.	0.	0.	0.			68.	1.03	12.	.63
500	1530		2	41.	2.	0.	13.	4.	13	40.	0.	0.	0.	0.	0.			57.	2.35	2.	.05
500	1531		3	41.	2.	0.	13.	4.	13	40.	0.	0.	0.	0.	0.			57.	2.35	2.	.05
500	1532		2	11.	0.	0.	22.	15.	13	52.	0.	0.	0.	0.	0.			89.	1.41	0.	.00
500	1533		2	3.	0.	0.	19.	16.	13	62.	0.	0.	0.	0.	0.			97.	1.74	0.	.00
500	1534		2	2.	0.	0.	15.	10.	10	73.	0.	0.	0.	0.	0.			98.	2.92	0.	.00
500	1535		2	2.	0.	0.	48.	10.	11	41.	0.	0.	0.	0.	0.			99.	.70	0.	.00
500	1536		2	55.	2.	0.	11.	5.	9	27.	0.	0.	0.	0.	0.			43.	1.69	2.	.04
500	1537	A	2	90.	6.	3.	1.	0.		0.	0.	0.	0.	0.	0.			1.	.00	9.	.10
500	1537	B	2	93.	1.	3.	2.	0.		0.	0.	0.	0.	0.	0.			2.	.00	4.	.04
500	1538	A	3	92.	4.	3.	2.	0.		0.	0.	0.	0.	0.	0.			2.	.00	7.	.08
500	1538	B	2	69.	8.	5.	6.	0.		0.	10.	0.	0.	0.	0.			6.	.00	13.	.19
500	1539		2	7.	0.	0.	33.	4.	11	56.	0.	0.	0.	0.	0.			93.	1.51	0.	.00
500	1540		2	13.	0.	0.	32.	4.	15	51.	0.	0.	0.	0.	0.			87.	1.42	0.	.00
500	1541		2	14.	4.	0.	16.	9.	9	57.	0.	0.	0.	0.	0.			82.	2.28	4.	.29
500	1542		2	23.	0.	4.	22.	5.	11	45.	0.	0.	0.	0.	0.			72.	1.63	4.	.17
500	1543		2	13.	0.	0.	30.	4.	16	53.	0.	0.	0.	0.	0.			87.	1.53	0.	.00
500	1544		3	13.	0.	0.	30.	4.	16	53.	0.	0.	0.	0.	0.			87.	1.53	0.	.00
500	1545	A	2	24.	0.	0.	17.	4.	14	45.	7.	0.	0.	0.	0.	*		66.	2.10	0.	.00
500	1546		2	17.	0.	0.	26.	5.	14	53.	0.	0.	0.	0.	0.			84.	1.71	0.	.00
500	1547		2	19.	0.	5.	17.	9.	15	51.	0.	0.	0.	0.	0.			77.	1.92	5.	.26
500	1548		2	14.	0.	0.	29.	3.	13	54.	0.	0.	0.	0.	0.			86.	1.69	0.	.00
500	1549		2	4.	0.	0.	42.	5.	13	50.	0.	0.	0.	0.	0.			97.	1.07	0.	.00
500	1550		2	14.	2.	0.	40.	3.	13	42.	0.	0.	0.	0.	0.			85.	.98	2.	.14
500	1551		2	48.	0.	0.	12.	8.	17	31.	0.	0.	0.	0.	0.			52.	1.55	0.	.00
500	1552		2	71.	7.	0.	6.	0.		16.	0.	0.	0.	0.	0.			22.	2.67	7.	.10
500	1553		2	42.	0.	0.	8.	18.	16	29.	0.	1.	0.	0.	0.			56.	1.12	0.	.00
500	1554		2	3.	0.	0.	0.	58.	16	39.	0.	0.	0.	0.	0.			97.	.67	0.	.00
500	1555		2	11.	0.	0.	0.	45.	17	43.	0.	0.	0.	0.	0.			89.	.95	0.	.00
500	1556		2	5.	0.	0.	0.	42.	15	52.	0.	0.	0.	0.	0.			94.	1.24	0.	.00
500	1557		2	2.	0.	0.	8.	32.	14	57.	0.	0.	0.	0.	0.			97.	1.44	0.	.00
500	1558		2	5.	0.	0.	9.	37.	13	49.	0.	0.	0.	0.	0.			95.	1.07	0.	.00
500	1559		2	2.	0.	0.	0.	44.	16	53.	0.	0.	0.	0.	0.	*		97.	1.18	0.	.00
500	1560		2	14.	0.	0.	44.	0.		42.	0.	0.	0.	0.	0.			87.	.95	0.	.00
500	1561		3	1.	0.	0.	30.	14.	13	55.	0.	0.	0.	0.	0.			99.	1.24	0.	.00
500	1562		3	1.	0.	0.	34.	20.	10	45.	0.	0.	0.	0.	0.			99.	.83	0.	.00
500	1563		2	0.	0.	0.	40.	37.	15	23.	0.	0.	0.	0.	0.			100.	.31	0.	.00
500	1564		2	0.	0.	0.	23.	34.	14	43.	0.	0.	0.	0.	0.			100.	.75	0.	.00
500	1565		2	0.	0.	0.	0.	66.	13	34.	0.	0.	0.	0.	0.			100.	.52	0.	.00
500	1566		2	0.	0.	0.	16.	21.	12	62.	0.	0.	0.	0.	0.			99.	1.67	0.	.00
500	1567		2	3.	0.	0.	0.	40.	13	57.	0.	0.	0.	0.	0.	*		97.	1.45	0.	.00
500	1568		2	1.	0.	0.	15.	24.	13	61.	0.	0.	0.	0.	0.			100.	1.57	0.	.00
500	1569		2	0.	0.	0.	19.	29.	17	52.	0.	0.	0.	0.	0.			100.	1.08	0.	.00
500	1570		2	1.	0.	0.	0.	39.	16	59.	0.	0.	0.	0.	0.			98.	1.50	0.	.00
500	1571		2	1.	0.	0.	17.	26.	13	54.	0.	0.	0.	0.	1.	*		97.	1.27	0.	.00
500	1572		2	0.	0.	0.	18.	21.	12	62.	0.	0.	0.	0.	0.			100.	1.62	0.	.00
500	1573		3	0.	0.	0.	18.	21.	12	62.	0.	0.	0.	0.	0.			100.	1.62	0.	.00
500	1574		2	2.	0.	0.	20.	20.	13	59.	0.	0.	0.	0.	0.			98.	1.50	0.	.00
500	1575		2	0.	0.	0.	0.	32.	15	69.	0.	0.	0.	0.	0.			101.	2.16	0.	.00
500	1576		2	1.	0.	0.	0.	61.	15	38.	0.	0.	0.	0.	0.	*		99.	.62	0.	.00
500	1578		2	0.	0.	0.	39.	45.	13	16.	0.	0.	0.	0.	0.			100.	.20	0.	.00
500	1579	A	2	0.	0.	0.	28.	50.	14	22.	0.	0.	0.	0.	0.			100.	.28	0.	.00
500	1579	B	2	0.	0.	0.	0.	92.	14	8.	0.	0.	0.	0.	0.			100.	.09	0.	.00
500	1580	A	2	3.	0.	0.	59.	3.	17	35.	0.	0.	0.	0.	0.			98.	.57	0.	.00
500	1580	B	2	1.	0.	0.	55.	0.		42.	0.	1.	0.	0.	0.			97.	.77	0.	.00
500	1581		2	0.	0.	0.	41.	39.	13	20.	0.	0.	0.	0.	0.			100.	.24	0.	.00
500	1582		3	1.	0.	0.	71.	3.	10	25.	0.	0.	0.	0.	0.			99.	.34	0.	.00
500	1583	A	3	0.	0.	0.	0.	75.	22	25.	0.	0.	0.	0.	0.	*		100.	.33	0.	.00
500	1583	B	2	0.	0.	0.	18.	61.	13	21.	0.	0.	0.	0.	0.			100.	.27	0.	.00
500	1584		2	0.	0.	0.	32.	43.	13	27.	0.	0.	0.	0.	0.			101.	.36	0.	.00
500	1585		2	0.	0.	0.	30.	46.	13	23.	0.	0.	0.	0.	0.			99.	.30	0.	.00
500	1586	A	2	0.	0.	0.	48.	7.	10	43.	0.	1.	0.	0.	0.			99.	.77	0.	.00
500	1586	B	2	0.	0.	0.	42.	7.	12	41.	10.	0.	0.	0.	0.			90.	.83	0.	.00
500	1587		2	0.	0.	0.	20.	56.	14	22.	0.	0.	0.	0.	0.			99.	.29	0.	.00
500	1588		2	0.	0.	0.	24.	49.	13	18.	8.	0.	0.	0.	0.			92.	.25	0.	.00
500	1589		2	2.	0.	0.	34.	24.	12	40.	0.	0.	0.	0.	0.			98.	.69	0.	.00
500	1590		2	0.	0.	0.	60.	16.	11	24.	0.	0.	0.	0.	0.			100.	.32	0.	.00
500	1591		2	0.	0.	0.	26.	46.	13	29.	0.	0.	0.	0.	0.			100.	.40	0.	.00
500	1592		2	0.	0.	0.	37.	9.	13	54.	0.	0.	0.	0.	0.			100.	1.16	0.	.00
500	1593		2	0.	0.	0.	64.	16.	11	20.	0.	0.	0.	0.	0.			100.	.25	0.	.00
500	1594		2	1.	0.	0.	37.	22.	11	39.	0.	0.	0.	0.	0.			99.	.66	0.	.00

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	1595	2	0.	0.	0.	60.	0.	40.	0.	0.	0.	0.	0.		100.	.66	0.	.00
500	1596	2	0.	0.	0.	55.	26. 13	19.	0.	0.	0.	0.	0.		100.	.23	0.	.00
500	1597 A	2	0.	0.	0.	36.	7. 11	56.	0.	0.	0.	0.	0.		100.	1.29	0.	.00
500	1597 B	2	0.	0.	0.	35.	8. 8	55.	0.	0.	0.	0.	0.	*	98.	1.26	0.	.00
500	1598	2	0.	0.	0.	57.	8. 9	31.	0.	0.	0.	0.	0.	*	96.	.47	0.	.00
500	1599	2	1.	0.	0.	37.	7. 12	55.	0.	0.	0.	0.	0.		99.	1.24	0.	.00
500	1600	2	0.	0.	0.	53.	0.	35.	12.	0.	0.	0.	0.		88.	.65	0.	.00
500	1601 A	2	0.	0.	0.	52.	0.	38.	0.	0.	0.	10.	0.		90.	.73	0.	.00
500	1601 B	2	0.	5.	0.	61.	0.	34.	0.	0.	0.	0.	0.		95.	.55	5.	00.00
500	1602	2	1.	0.	0.	43.	0.	55.	0.	0.	0.	0.	0.		98.	1.29	0.	.00
500	1603	2	0.	0.	0.	40.	7. 15	54.	0.	0.	0.	0.	0.		101.	1.16	0.	.00
500	1604	2	0.	0.	0.	56.	5. 15	39.	0.	0.	0.	0.	0.		100.	.63	0.	.00
500	1605	3	4.	0.	0.	58.	0.	18.	20.	0.	0.	0.	0.		76.	.31	0.	.00
500	1606	2	2.	0.	0.	70.	0.	28.	0.	0.	0.	0.	0.		98.	.40	0.	.00
500	1607	2	3.	0.	0.	64.	13. 10	21.	0.	0.	0.	0.	0.		98.	.27	0.	.00
500	1608	2	1.	0.	0.	41.	4. 15	54.	0.	0.	0.	0.	0.		99.	1.20	0.	.00
500	1609	2	5.	0.	0.	45.	4. 12	44.	0.	0.	0.	0.	0.		94.	.89	0.	.00
500	1610	2	13.	0.	0.	51.	3. 13	34.	0.	0.	0.	0.	0.		87.	.63	0.	.00
500	1611	2	55.	0.	0.	23.	3. 12	19.	0.	0.	0.	0.	0.		45.	.73	0.	.00
500	1612	2	44.	0.	3.	12.	6. 12	34.	0.	0.	0.	0.	0.		52.	1.83	3.	.07
500	1613	2	13.	0.	0.	58.	0.	28.	0.	0.	0.	0.	0.		86.	.47	0.	.00
500	1614	3	19.	5.	0.	31.	5. 11	37.	0.	0.	0.	0.	0.		73.	.97	5.	.28
500	1615	2	5.	0.	0.	18.	7. 13	59.	9.	0.	0.	0.	0.		84.	2.33	0.	.00
500	1616	2	9.	0.	0.	45.	0.	45.	0.	0.	0.	0.	0.		91.	1.00	0.	.00
500	1617 A	2	4.	0.	0.	31.	8. 8	57.	0.	0.	0.	0.	0.		96.	1.46	0.	.00
500	1617 B	2	3.	0.	0.	31.	6. 12	59.	0.	0.	0.	0.	0.		97.	1.58	0.	.00
500	1618	2	13.	3.	0.	29.	8. 9	46.	0.	0.	0.	0.	0.		84.	1.25	3.	.23
500	1619	2	25.	0.	0.	22.	7. 12	42.	0.	3.	0.	0.	0.		71.	1.43	0.	.00
500	1620	2	18.	3.	0.	14.	7. 14	58.	0.	0.	0.	0.	0.		79.	2.76	3.	.17
500	1621	2	5.	0.	0.	11.	13. 13	71.	0.	0.	0.	0.	0.		95.	2.96	0.	.00
500	1622	2	12.	0.	0.	32.	9. 14	47.	0.	0.	0.	0.	0.		88.	1.16	0.	.00
500	1623	2	13.	3.	0.	28.	7. 11	47.	0.	0.	0.	0.	0.		82.	1.35	3.	.23
500	1624 A	2	33.	0.	3.	15.	4. 12	44.	0.	0.	0.	0.	0.		63.	2.26	3.	.09
500	1624 B	2	21.	3.	0.	21.	6. 11	39.	9.	0.	0.	0.	0.		67.	1.42	3.	.15
500	1625	2	43.	7.	3.	19.	0.	27.	0.	0.	0.	0.	0.		45.	1.44	10.	.24
500	1626	2	32.	0.	8.	29.	0.	29.	0.	0.	0.	0.	0.		58.	1.00	8.	.26
500	1627	2	26.	5.	0.	33.	0.	35.	0.	0.	0.	0.	0.		69.	1.06	5.	.20
500	1628	3	5.	0.	0.	36.	10. 13	49.	0.	0.	0.	0.	0.		95.	1.07	0.	.00
500	1629	3	0.	0.	0.	60.	30. 13	10.	0.	0.	0.	0.	0.		100.	.11	0.	.00
500	1630	3	3.	0.	0.	30.	10. 10	57.	0.	0.	0.	0.	0.		97.	1.43	0.	.00
500	1631	2	13.	0.	0.	36.	0.	49.	0.	0.	0.	0.	0.	*	86.	1.37	0.	.00
500	1632	2	5.	0.	0.	33.	7. 10	55.	0.	0.	0.	0.	0.		95.	1.37	0.	.00
500	1633	3	28.	2.	0.	29.	0.	34.	7.	0.	0.	0.	0.		68.	1.17	2.	.07
500	1634	3	18.	0.	0.	28.	4. 14	45.	7.	0.	0.	0.	0.		83.	1.44	0.	.00
500	1635	2	19.	5.	0.	25.	5. 13	36.	9.	0.	0.	0.	0.		66.	1.17	5.	.28
500	1636	2	14.	2.	0.	21.	8. 10	54.	0.	0.	0.	0.	0.		84.	1.83	2.	.14
500	1637	2	24.	2.	6.	31.	0.	36.	0.	0.	0.	0.	0.		68.	1.17	8.	.35
500	1638	2	14.	0.	0.	30.	9. 11	47.	0.	0.	0.	0.	0.		85.	1.22	0.	.00
500	1639	2	14.	0.	0.	28.	12. 7	46.	0.	0.	0.	0.	0.		86.	1.16	0.	.00
500	1641	2	0.	0.	0.	55.	0.	45.	0.	0.	0.	0.	0.		100.	.82	0.	.00
500	1642	2	0.	0.	0.	49.	23. 8	27.	0.	0.	0.	0.	0.		99.	.37	0.	.00
500	1643	2	8.	0.	0.	33.	0.	59.	0.	0.	0.	0.	0.		92.	1.81	0.	.00
500	1644	2	3.	0.	0.	28.	10. 9	59.	0.	0.	0.	0.	0.		97.	1.55	0.	.00
500	1645	2	4.	0.	0.	31.	6. 8	59.	0.	0.	0.	0.	0.		96.	1.60	0.	.00
500	1647	2	1.	0.	0.	44.	9. 12	46.	0.	0.	0.	0.	0.		99.	.86	0.	.00
500	1648	2	4.	0.	0.	31.	6. 14	59.	0.	0.	0.	0.	0.		97.	1.58	0.	.00
500	1649	2	3.	0.	0.	45.	0.	51.	0.	0.	0.	0.	0.		96.	1.14	0.	.00
500	1650	2	0.	0.	0.	62.	0.	38.	0.	0.	0.	0.	0.		100.	.60	0.	.00
500	1653	2	0.	0.	0.	57.	0.	42.	0.	0.	0.	0.	0.		99.	.73	0.	.00
500	1654	2	0.	0.	0.	64.	0.	35.	0.	0.	0.	0.	0.		99.	.55	0.	.00
500	1655	2	1.	2.	0.	32.	0.	64.	0.	0.	0.	0.	0.		96.	2.03	2.	2.00
500	1656	2	2.	0.	1.	76.	0.	21.	0.	0.	0.	0.	0.		97.	.28	1.	.50
500	1657 A	2	9.	0.	0.	24.	0.	9.	48.	0.	0.	11.	0.		32.	.36	0.	.00
500	1657 B	2	4.	0.	0.	11.	0.	0.	68.	0.	0.	17.	0.		11.	.00	0.	.00
500	1658	2	60.	8.	0.	13.	4. 4	15.	0.	0.	0.	0.	0.		33.	.88	8.	.14
500	1659	2	94.	0.	0.	3.	2. 9	0.	0.	1.	0.	0.	0.		5.	.00	0.	.00
500	1660	2	95.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	4.	.04
500	1661	2	94.	2.	3.	0.	1. 15	0.	0.	0.	0.	0.	0.		1.	.00	5.	.05
500	1662	2	99.	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	0.	.00
500	1663	2	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1664	3	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.07
500	1665	2	94.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1666	2	84.	2.	6.	0.	0.	0.	8.	0.	0.	0.	0.		0.		8.	.10
500	1667	3	81.	2.	5.	1.	0.	3.	0.	0.	0.	8.	0.		4.	3.00	17.	.09
500	1668	3	92.	0.	2.	1.	0.	5.	0.	0.	0.	0.	0.		6.	5.00	2.	.02
500	1669	3	91.	0.	4.	0.	2. 13	4.	0.	0.	0.	0.	0.		6.	2.00	4.	.04
500	1670	3	68.	0.	0.	4.	3. 5	20.	7.	0.	0.	0.	0.		27.	2.86	0.	.00
500	1671	2	94.	0.	4.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	4.	.04
500	1672	3	95.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	4.	.04
500	1673	3	80.	0.	5.	7.	1. 22	7.	0.	0.	0.	0.	0.		15.	.87	5.	.06
500	1674	2	57.	2.	0.	8.	2. 10	31.	0.	0.	0.	0.	0.	*	41.	3.10	2.	.04
500	1675	2	91.	0.	5.	3.	0.	0.	0.	1.	0.	0.	0.		3.	.00	5.	.05
500	1676	2	99.	0.	0.	0.	1. 3	0.	0.	0.	0.	0.	0.		1.	.00	0.	.00
500	1677	3	81.	5.	4.	0.	0.	3.	6.	0.	0.	0.	0.		3.		49.	.11
500	1678	2	94.	0.	0.	0.	0.	0.	7.	0.	0.	0.	0.		0.		0.	.00
500	1679	2	98.	0.	0.	0.	1. 14	0.	0.	1.	0.	0.	0.		1.	.00	0.	.00
500	1680	2	90.	0.	5.	0.	1. 11	3.	0.	0.	0.	0.	0.		4.	3.00	5.	.06
500	1681	2	83.	1.	4.	2.	0.	8.	0.	0.	0.	0.	0.		10.	4.00	5.	.06
500	1682	3	94.	0.	0.	1.	0.	5.	0.	0.	0.	0.	0.		6.	5.00	0.	.00
500	1683	2	72.	1.	1.	3.	2. 10	11.	8.	0.	0.	0.	0.	*	16.	2.20	2.	.03

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT		$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	1684	2	75.	0.	0.	4.	2. 15	19.	0.	0.	0.	0.	0.		25.	3.17	0.	.00
500	1685	3	75.	0.	0.	4.	2. 15	19.	0.	0.	0.	0.	0.		25.	3.17	0.	.00
500	1686	3	60.	0.	0.	14.	2. 18	22.	0.	0.	0.	0.	0.		40.	1.38	0.	.00
500	1687	3	53.	0.	0.	12.	0.	34.	0.	1.	0.	0.	0.		65.	2.83	0.	.00
500	1688	2	47.	0.	0.	18.	2. 12	33.	0.	0.	0.	0.	0.		53.	1.65	0.	.00
500	1689	2	72.	0.	0.	6.	0.	22.	0.	0.	0.	0.	0.		28.	3.67	0.	.00
500	1690	2	37.	0.	0.	11.	5.	40.	7.	0.	0.	0.	0.		56.	2.50	0.	.00
500	1691	2	58.	1.	0.	10.	5. 14	27.	0.	0.	0.	0.	0.		42.	1.73	1.	.02
500	1692	2	49.	0.	0.	10.	3. 13	38.	0.	0.	0.	0.	0.		51.	2.92	0.	.00
500	1693	2	41.	2.	0.	22.	5. 10	24.	4.	0.	0.	0.	0.		52.	.89	2.	.05
500	1694	2	44.	0.	0.	14.	4. 14	38.	0.	0.	0.	0.	0.		56.	2.11	0.	.00
500	1695	2	18.	0.	0.	18.	9. 16	54.	0.	0.	0.	0.	0.		81.	1.96	0.	.00
500	1696	2	27.	0.	0.	19.	6. 13	48.	0.	0.	0.	0.	0.		73.	1.92	0.	.00
500	1697	3	50.	0.	0.	10.	10. 13	30.	0.	0.	0.	0.	0.		50.	1.5	0.	.00
500	1698	2	82.	0.	0.	3.	2. 10	13.	0.	0.	0.	0.	0.		18.	2.60	0.	.00
500	1699	3	79.	3.	0.	2.	3. 13	14.	0.	0.	0.	0.	0.		17.	4.67	3.	.04
500	1700	2	78.	1.	0.	2.	1. 12	8.	7.	0.	0.	0.	0.	*	11.	2.67	1.	.01
500	1701	2	93.	0.	4.	2.	1. 14	0.	0.	0.	0.	0.	0.		3.	.00	4.	.04
500	1702	2	95.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.		0.		4.	.04
500	1703	2	90.	0.	2.	4.	0.	4.	0.	0.	0.	0.	0.		8.	1.00	2.	.02
500	1704	2	97.	0.	2.	0.	1. 8	0.	0.	0.	0.	0.	0.		1.	.00	2.	.02
500	1705	2	87.	3.	3.	0.	1. 13	0.	6.	0.	0.	0.	0.		1.	.00	6.	.07
500	1706	2	91.	3.	0.	2.	0.	4.	0.	0.	0.	0.	0.		6.	2.00	3.	.03
500	1707	2	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.		0.	.00
500	1708	2	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		1.	.00	0.	.00
500	1709	2	85.	4.	0.	5.	3. 17	4.	0.	0.	0.	0.	0.		12.	.50	4.	.05
500	1710	2	58.	7.	0.	11.	4. 13	20.	0.	0.	0.	0.	0.		35.	1.33	7.	.12
500	1711	2	66.	0.	0.	9.	5. 12	19.	0.	1.	0.	0.	0.		33.	1.36	0.	.00
500	1712	2	46.	0.	0.	11.	13. 14	30.	0.	0.	0.	0.	0.		54.	1.25	0.	.00
500	1713	2	40.	2.	0.	16.	15. 17	27.	0.	0.	0.	0.	0.		58.	.87	2.	.05
500	1714	2	41.	2.	0.	10.	18. 13	29.	0.	0.	0.	0.	0.		57.	1.04	2.	.05
500	1715	2	21.	0.	0.	18.	29. 15	32.	0.	0.	0.	0.	0.		79.	.68	0.	.00
500	1716	2	6.	0.	0.	20.	37. 16	37.	0.	0.	0.	0.	0.		94.	.65	0.	.00
500	1717	2	8.	0.	0.	18.	27. 13	47.	0.	0.	0.	0.	0.		92.	1.04	0.	.00
500	1718	2	21.	0.	3.	26.	14. 10	37.	0.	0.	0.	0.	0.		77.	.92	3.	.14
500	1719	2	29.	0.	0.	25.	10. 10	36.	0.	0.	0.	0.	0.		71.	1.03	0.	.00
500	1720	2	4.	0.	0.	9.	7. 13	80.	0.	0.	0.	0.	0.		96.	5.00	0.	.00
500	1721	2	20.	9.	0.	36.	3. 11	33.	0.	0.	0.	0.	0.		72.	.84	9.	.47
500	1722	3	11.	0.	0.	28.	7. 13	34.	21.	0.	0.	0.	0.		62.	1.19	0.	.00
500	1723	2	8.	1.	0.	23.	8. 10	43.	15.	0.	0.	0.	0.		74.	1.40	1.	.12
500	1724	2	19.	0.	0.	44.	0.	35.	0.	0.	0.	0.	0.		80.	.80	0.	.00
500	1725	2	14.	0.	0.	31.	6. 11	47.	0.	0.	2.	0.	0.		84.	1.25	0.	.00
500	1726	2	10.	0.	0.	33.	6. 13	49.	0.	0.	0.	0.	0.		89.	1.26	0.	.00
500	1727	3	7.	0.	0.	48.	0.	45.	0.	0.	0.	0.	0.		93.	.94	0.	.00
500	1728	3	10.	0.	0.	48.	0.	41.	0.	0.	0.	0.	0.		89.	.85	0.	.00
500	1729	3	4.	4.	0.	51.	0.	20.	20.	0.	0.	0.	0.		71.	.39	4.	1.00
500	1730	A 2	6.	0.	0.	38.	0.	18.	37.	0.	0.	0.	0.		56.	.46	0.	.00
500	1730	B 2	9.	0.	0.	30.	0.	15.	47.	0.	0.	0.	0.		45.	.50	0.	.00
500	1731	2	2.	0.	0.	43.	2. 15	39.	12.	0.	0.	0.	0.		85.	.86	0.	.00
500	1732	2	5.	16.	0.	35.	0.	41.	0.	0.	0.	0.	0.	*	76.	1.18	16.	3.20
500	1733	2	3.	0.	0.	43.	5. 13	49.	0.	0.	0.	0.	0.		97.	1.02	0.	.00
500	1734	2	5.	0.	0.	42.	11. 11	42.	0.	0.	0.	0.	0.		95.	.80	0.	.00
500	1735	3	2.	0.	0.	60.	0.	15.	14.	0.	0.	10.	0.		75.	.25	0.	.00
500	1736	3	12.	0.	0.	42.	0.	23.	23.	0.	0.	0.	0.		65.	.55	0.	.00
500	1737	3	5.	0.	0.	33.	0.	9.	53.	0.	0.	0.	0.		42.	.27	0.	.00
500	1738	2	1.	0.	0.	45.	0.	12.	42.	0.	0.	0.	0.		57.	.27	0.	.00
500	1739	2	1.	0.	0.	54.	0.	45.	0.	0.	0.	0.	0.		99.	.83	0.	.00
500	1741	2	0.	0.	0.	44.	15. 9	41.	0.	0.	0.	0.	0.		100.	.71	0.	.00
500	1742	2	0.	0.	0.	74.	0.	27.	0.	0.	0.	0.	0.		101.	.37	0.	.00
500	1743	2	2.	0.	0.	61.	0.	36.	0.	0.	0.	0.	0.		98.	.59	0.	.00
500	1744	3	1.	0.	0.	64.	0.	35.	0.	0.	0.	0.	0.		99.	.55	0.	.00
500	1745	2	5.	0.	0.	58.	0.	16.	21.	0.	0.	0.	0.		74.	.28	0.	.00
500	1746	2	1.	0.	0.	9.	0.	5.	83.	0.	0.	0.	0.	*	14.	.56	0.	.00
500	1747	2	4.	0.	0.	16.	0.	6.	74.	0.	0.	0.	0.		22.	.37	0.	.00
500	1748	2	1.	0.	0.	55.	0.	45.	0.	0.	0.	0.	0.		100.	.82	0.	.00
500	1749	2	0.	0.	0.	49.	9. 11	42.	0.	0.	0.	0.	0.		100.	.72	0.	.00
500	1750	2	42.	0.	0.	17.	19. 16	21.	0.	0.	0.	0.	0.		58.	.58	0.	.00
500	1751	3	87.	3.	5.	2.	0.	3.	0.	0.	0.	0.	0.		2.	.00	8.	.09
500	1752	2	3.	0.	0.	22.	0.	22.	53.	0.	0.	0.	0.		44.	1.00	0.	.00
500	1753	3	13.	4.	0.	49.	0.	34.	0.	0.	0.	0.	0.		83.	.69	4.	.31
500	1754	3	91.	0.	4.	1.	0.	4.	0.	0.	0.	0.	0.		5.	4.00	4.	.04
500	1755	3	90.	0.	5.	0.	1. 13	4.	0.	0.	0.	0.	0.		4.	.00	5.	.05
500	1756	2	17.	0.	1.	18.	22. 13	30.	11.	0.	0.	0.	0.		70.	.73	1.	.06
500	1757	3	87.	0.	6.	2.	2. 13	4.	0.	0.	0.	0.	0.		8.	1.00	6.	.07
500	1758	2	92.	0.	5.	0.	1. 18	0.	0.	1.	0.	0.	0.		1.	.00	5.	.05
500	1759	3	95.	0.	5.	2.	1. 9	0.	0.	0.	0.	0.	0.		1.	.00	5.	.05
500	1760	3	87.	0.	4.	2.	0.	7.	0.	0.	0.	0.	0.		9.	3.50	4.	.05
500	1761	2	82.	3.	4.	4.	4. 9	1.	0.	1.	0.	0.	0.		9.	.12	7.	.09
500	1762	3	26.	3.	0.	15.	10.	41.	5.	0.	0.	0.	0.		66.	1.64	3.	.12
500	1763	2	12.	3.	0.	45.	7. 8	33.	0.	0.	0.	0.	0.		84.	.64	3.	.27
500	1764	2	2.	0.	0.	52.	6. 13	40.	0.	0.	0.	0.	0.		98.	.70	0.	.00
500	1765	3	2.	0.	0.	54.	8. 13	36.	0.	0.	0.	0.	0.		98.	.58	0.	.00
500	1766	2	1.	0.	0.	57.	11. 13	31.	0.	0.	0.	0.	0.		99.	.45	0.	.00
500	1767	2	0.	0.	0.	47.	23. 13	19.	11.	0.	0.	0.	0.		89.	.27	0.	.00
500	1768	2	0.	0.	0.	41.	23. 13	34.	0.	0.	0.	0.	0.		99.	.53	0.	.00
500	1770	2	2.	0.	0.	51.	5. 11	42.	0.	0.	0.	0.	0.	*	98.	.74	0.	.00
500	1771	2	12.	7.	3.	36.	11. 9	31.	0.	0.	0.	0.	0.		78.	.66	11.	.91
500	1772	2	3.	0.	0.	51.	16. 9	31.	0.	0.	0.	0.	0.		98.	.47	0.	.00
500	1773	3	15.	0.	0.	30.	0.	20.	35.	0.	0.	0.	0.		50.	.67	0.	.00
500	1774	2	57.	0.	0.	8.	13. 9	20.	0.	0.	0.	1.	0.		41.	.95	0.	.00

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC		ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT		CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1775		2	75.	0.	8.	4.	4.	10	7.	0.	2.	0.	0.	0.		15.	.87	8.	.11
500	1776		3	84.	5.	5.	1.	1.	11	5.	0.	0.	0.	0.	0.		7.	2.50	10.	.12
500	1777		2	80.	6.	4.	1.	0.		6.	0.	2.	0.	0.	0.		7.	6.00	10.	.13
500	1778		3	86.	0.	7.	2.	2.	17	1.	0.	0.	0.	2.	0.		5.	.25	7.	.08
500	1779		3	92.	0.	4.	2.	1.	13	1.	0.	0.	0.	0.	0.		4.	.33	4.	.04
500	1780		3	93.	0.	3.	1.	0.		3.	0.	0.	0.	0.	0.		4.	3.00	3.	.03
500	1781		3	85.	2.	0.	4.	4.	10	5.	0.	0.	0.	0.	0.		13.	.63	2.	.02
500	1782		2	20.	0.	3.	22.	25.		31.	0.	0.	0.	0.	0.		78.	.64	3.	.16
500	1783		2	26.	0.	8.	22.	23.		22.	0.	0.	0.	0.	0.		66.	.49	8.	.32
500	1784		2	4.	0.	0.	35.	0.		25.	35.	0.	0.	0.	0.		60.	.71	0.	.00
500	1785		2	6.	0.	0.	28.	0.		36.	32.	0.	0.	0.	0.		63.	1.30	0.	.00
500	1786		2	17.	0.	2.	17.	20.		28.	15.	0.	0.	0.	0.		66.	.76	2.	.12
500	1787		2	89.	2.	0.	2.	7.		0.	0.	0.	0.	0.	0.		9.	.00	2.	.02
500	1788		2	77.	8.	8.	1.	4.		2.	0.	0.	0.	0.	0.		7.	.40	16.	.21
500	1789		3	92.	0.	5.	0.	3.		0.	0.	0.	0.	0.	0.		3.	.00	5.	.05
500	1790		3	75.	0.	5.	2.	6.		11.	0.	0.	0.	0.	0.		20.	1.37	5.	.07
500	1791		3	84.	1.	7.	0.	1.		5.	0.	0.	0.	0.	0.		6.	5.00	8.	.09
500	1792		2	96.	0.	4.	0.	0.		0.	0.	0.	0.	0.	0.		0.		4.	.04
500	1793		2	86.	1.	4.	2.	4.		3.	0.	0.	0.	0.	0.		9.	.50	5.	.06
500	1794		2	24.	0.	1.	29.	29.		15.	0.	0.	0.	0.	0.		74.	.26	1.	.04
500	1795		2	12.	0.	0.	20.	0.		15.	54.	0.	0.	0.	0.		35.	.75	0.	.00
500	1796		3	8.	0.	0.	32.	0.		20.	38.	0.	0.	0.	0.		40.	.63	0.	.00
500	1798		2	2.	0.	0.	32.	0.		15.	51.	0.	0.	0.	0.		47.	.47	0.	.00
500	1799		2	5.	0.	5.	25.	0.		18.	37.	0.	0.	6.	0.	*	43.	.72	5.	1.00
500	1800		2	4.	0.	0.	32.	0.		15.	46.	0.	0.	0.	0.	*	47.	.48	0.	.00
500	1801		2	42.	7.	1.	14.	4.	12	18.	13.	0.	0.	0.	0.		37.	1.00	8.	.20
500	1802		2	85.	0.	0.	0.	7.	13	8.	0.	0.	0.	0.	0.		15.	1.14	0.	.00
500	1803		2	63.	0.	0.	5.	7.	13	23.	0.	0.	0.	0.	0.		36.	1.92	0.	.00
500	1804		2	71.	4.	0.	6.	1.	13	17.	0.	0.	0.	0.	0.	*	24.	2.43	4.	.06
500	1805		2	58.	0.	0.	5.	10.	16	20.	7.	0.	0.	0.	0.		35.	1.33	0.	.00
500	1806		2	46.	0.	0.	7.	6.	13	41.	0.	0.	0.	0.	0.		54.	3.15	0.	.00
500	1807		2	54.	3.	7.	11.	9.	13	17.	0.	0.	0.	0.	0.		37.	.85	10.	.19
500	1808		2	6.	0.	0.	10.	0.		7.	77.	0.	0.	0.	0.		17.	.70	0.	.00
500	1809		3	3.	0.	0.	60.	0.		16.	21.	0.	0.	0.	0.		76.	.26	0.	.00
500	1810		3	0.	0.	0.	55.	0.		10.	34.	0.	0.	0.	0.		65.	.18	0.	.00
500	1811		2	12.	3.	0.	54.	0.		16.	14.	0.	0.	0.	0.	*	70.	.30	3.	.25
500	181c		2	16.	0.	2.	13.	0.		5.	63.	0.	0.	3.	0.		18.	.38	2.	.12
500	1813		2	63.	0.	0.	6.	10.	13	21.	0.	0.	0.	0.	0.		37.	1.31	0.	.00
500	1814		2	64.	0.	0.	10.	5.	13	21.	0.	0.	0.	0.	0.		37.	1.40	0.	.00
500	1815		2	43.	0.	3.	11.	9.	9	34.	0.	0.	0.	0.	0.		54.	1.65	3.	.07
500	1816		2	56.	1.	0.	9.	7.	12	25.	0.	0.	0.	2.	0.		41.	1.56	1.	.02
500	1817		2	74.	0.	2.	2.	3.	15	19.	0.	0.	0.	0.	0.		24.	3.80	2.	.03
500	1818		2	57.	0.	0.	7.	13.	14	23.	0.	0.	0.	0.	0.		43.	1.15	0.	.00
500	1819		2	45.	2.	0.	7.	10.	13	36.	0.	0.	0.	0.	0.		54.	2.12	2.	.04
500	1820		2	29.	0.	0.	11.	17.	12	42.	0.	0.	0.	0.	0.		69.	1.54	0.	.00
500	1821		2	32.	0.	0.	7.	13.	15	46.	0.	0.	0.	0.	0.		67.	2.30	0.	.00
500	1822		2	38.	1.	0.	4.	11.	15	36.	8.	0.	0.	0.	0.		52.	2.40	1.	.03
500	1823		2	68.	6.	6.	4.	2.	12	14.	0.	0.	0.	0.	0.		20.	2.33	12.	.18
500	1824		2	1.	0.	0.	39.	0.		8.	51.	0.	0.	0.	0.		47.	.21	0.	.00
500	1825		2	5.	0.	0.	68.	0.		10.	16.	0.	0.	0.	0.		78.	.15	0.	.00
500	1826		3	4.	0.	0.	61.	0.		19.	15.	0.	0.	0.	0.		80.	.31	0.	.00
500	1827	A	2	4.	0.	0.	43.	0.		18.	33.	0.	0.	0.	0.	*	61.	.40	0.	.00
500	1827	B	2	14.	7.	0.	33.	5.	11	31.	9.	0.	0.	0.	0.		70.	.81	7.	.54
500	1828		2	10.	0.	0.	36.	0.		29.	25.	0.	0.	0.	0.		65.	.80	0.	.00
500	1829		3	6.	0.	0.	33.	0.		42.	20.	0.	0.	0.	0.		93.	1.28	0.	.00
500	1830	A	3	9.	0.	0.	27.	2.	9	39.	20.	2.	0.	0.	0.		87.	1.32	0.	.00
500	1830	B	2	7.	2.	0.	26.	0.		29.	36.	0.	0.	0.	0.		55.	1.12	2.	.33
500	1834		2	12.	2.	0.	34.	0.		38.	14.	0.	0.	0.	0.		72.	1.12	2.	.18
500	1835		2	6.	5.	0.	45.	0.		29.	16.	0.	0.	0.	0.		73.	.64	5.	.83
500	1836		2	6.	0.	0.	58.	0.		20.	15.	0.	0.	0.	0.		77.	.34	0.	.00
500	1837		3	2.	0.	0.	68.	0.		14.	15.	0.	0.	0.	0.		97.	.21	0.	.00
500	1839		2	2.	0.	0.	59.	0.		11.	27.	0.	0.	0.	0.		70.	.19	0.	.00
500	1840		3	3.	0.	0.	61.	0.		17.	20.	0.	0.	0.	0.		98.	.28	0.	.00
500	1841		3	10.	5.	0.	66.	0.		0.	20.	0.	0.	0.	0.		82.	.00	6.	.50
500	1842		2	26.	3.	0.	16.	28.	12	28.	0.	0.	0.	0.	0.		72.	.63	3.	.12
500	1843		2	48.	2.	0.	6.	21.	11	24.	0.	0.	0.	0.	0.		51.	.89	2.	.04
500	1844		2	12.	0.	0.	25.	30.	13	33.	0.	0.	0.	0.	0.		88.	.60	0.	.00
500	1845		2	60.	5.	0.	3.	11.	12	20.	0.	0.	0.	0.	0.		34.	1.43	5.	.08
500	1846		2	55.	0.	0.	0.	19.	15	26.	0.	0.	0.	0.	0.		45.	1.37	0.	.00
500	1847		2	31.	0.	2.	3.	5.	16	59.	0.	0.	0.	0.	0.		67.	7.37	2.	.06
500	1848		2	62.	0.	0.	4.	5.	13	29.	0.	0.	0.	0.	0.		38.	3.22	0.	.00
500	1849		2	71.	5.	0.	2.	6.	11	15.	0.	0.	0.	0.	0.	*	23.	1.88	5.	.07
500	1850		2	38.	2.	0.	29.	7.	12	22.	0.	0.	0.	0.	0.		59.	.61	2.	.05
500	1851		2	4.	0.	0.	62.	0.		10.	25.	0.	0.	0.	0.		72.	.17	0.	.00
500	1852		2	3.	0.	0.	60.	0.		14.	23.	0.	0.	0.	0.		74.	.23	0.	.00
500	1853		2	8.	0.	0.	32.	0.		34.	26.	0.	0.	0.	0.		67.	1.07	0.	.00
500	1854		2	7.	8.	0.	43.	0.		17.	24.	0.	0.	0.	0.		60.	.39	8.	1.14
500	1855		2	8.	0.	0.	57.	0.		17.	18.	0.	0.	0.	0.		74.	.30	0.	.00
500	1856		2	9.	0.	0.	47.	0.		8.	36.	0.	0.	0.	0.		55.	.17	0.	.00
500	1857		2	55.	3.	0.	6.	7.	11	29.	0.	0.	0.	0.	0.		42.	2.23	3.	.05
500	1858		2	79.	10.	4.	0.	3.	6	0.	0.	0.	0.	3.	0.		3.	.00	14.	.18
500	1859		2	99.	1.	0.	0.	0.		0.	0.	0.	0.	0.	0.		0.		1.	.01
500	1860		2	15.	0.	0.	39.	17.	12	29.	0.	0.	0.	0.	0.		85.	.51	0.	.00
500	1861		3	91.	6.	3.	0.	0.		0.	0.	0.	0.	0.	0.		0.		9.	.10
500	1862		2	32.	0.	5.	27.	0.		23.	13.	0.	0.	0.	0.	*	50.	.88	5.	.17
500	1863		2	91.	3.	3.	0.	3.	8	0.	0.	0.	0.	0.	0.		3.	.00	6.	.07
500	1865		2	84.	4.	7.	0.	5.	4	0.	0.	0.	0.	0.	0.		5.	.00	11.	.13
500	1866		2	61.	6.	4.	9.	20.	12	0.	0.	0.	0.	0.	0.		29.	.00	10.	.16
500	1867		2	49.	9.	3.	8.	0.		5.	21.	2.	0.	0.	0.		14.	.62	13.	.26
500	1868		3	63.	7.	7.	2.	0.		1.	18.	0.	0.	0.	0.		3.	.50	14.	.19

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC		ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1869		3	80.	12.	8.	0.	0.		0.	0.	0.	0.	0.	0.		0.		20.	1.25
500	1870		2	78.	12.	5.	0.	1.	8	0.	0.	3.	0.	0.	0.		1.	.00	17.	.22
500	1871		2	94.	0.	6.	0.	1.	5	0.	0.	0.	0.	0.	0.		1.	.00	6.	.06
500	1872		2	89.	7.	4.	0.	0.		0.	0.	0.	0.	0.	0.		0.		11.	.12
500	1873		2	82.	8.	8.	0.	1.	13	0.	0.	1.	0.	0.	0.		1.	.00	16.	.20
500	1874		2	95.	0.	3.	0.	0.		2.	0.	0.	0.	0.	0.		2.		3.	.03
500	1875		2	81.	9.	8.	0.	0.		0.	0.	2.	0.	0.	0.		0.		17.	.21
500	1876		2	82.	9.	5.	0.	2.	13	0.	0.	1.	0.	0.	0.		2.	.00	14.	.17
500	1877		2	76.	16.	5.	0.	0.		0.	0.	2.	0.	0.	0.		0.		21.	.28
500	1878		2	92.	2.	5.	0.	1.	13	0.	0.	0.	0.	0.	0.		1.	.00	7.	.08
500	1879		3	84.	8.	8.	0.	0.		0.	0.	0.	0.	0.	0.		1.	.00	16.	.19
500	1880		2	94.	3.	4.	0.	0.		0.	0.	0.	0.	0.	0.		0.		7.	.07
500	1881		2	58.	11.	8.	2.	0.		0.	20.	1.	0.	0.	0.	*	2.	.00	20.	.34
500	1882		3	79.	10.	7.	0.	1.	12	0.	0.	3.	0.	0.	0.		1.	.00	17.	.22
500	1883		3	79.	10.	7.	0.	1.	12	0.	0.	0.	0.	0.	0.		1.		17.	.22
500	1884		3	63.	11.	7.	11.	0.		0.	6.	2.	0.	0.	0.		10.	.00	18.	.28
500	1885		2	65.	17.	5.	4.	0.		0.	9.	0.	0.	0.	0.		4.	.00	22.	.34
500	1886		2	95.	0.	5.	0.	0.		0.	0.	0.	0.	0.	0.		0.		5.	.05
500	1887		2	88.	8.	4.	0.	0.		0.	0.	0.	0.	0.	0.		0.		12.	.14
500	1888		2	90.	6.	4.	0.	0.		0.	0.	0.	0.	0.	0.		0.		10.	.11
500	1889		2	85.	10.	5.	0.	0.		0.	0.	0.	0.	0.	0.		0.		15.	.18
500	1890		2	87.	8.	5.	0.	0.		0.	0.	0.	0.	0.	0.		0.		13.	.15
500	1891		3	83.	6.	6.	1.	0.		4.	0.	0.	0.	0.	0.		5.	4.00	12.	.14
500	1892	A	2	94.	3.	3.	0.	0.		0.	0.	0.	0.	0.	0.		0.		6.	.06
500	1892	B	2	70.	6.	4.	0.	0.		0.	20.	0.	0.	0.	0.		0.		10.	.14
500	1893		2	50.	10.	3.	1.	1.	5	0.	35.	0.	0.	0.	0.		2.	.00	13.	.27
500	1894		2	80.	11.	6.	2.	1.	19	0.	0.	0.	0.	0.	0.		3.	.00	17.	.22
500	1895		2	68.	20.	7.	1.	2.	11	0.	0.	2.	0.	0.	0.		3.	.00	27.	.40
500	1896		1	74.	8.	3.	0.	0.		0.	12.	2.	0.	0.	0.		0.		11.	.15
500	1897		1	74.	11.	8.	0.	0.		0.	6.	1.	1.	0.	0.		0.		19.	.25
500	1898		1	32.	25.	8.	0.	0.		0.	29.	2.	1.	0.	0.		0.		33.	1.01
500	1899		1	52.	36.	6.	0.	0.		3.	0.	2.	0.	0.	0.		3.		42.	.80
500	1900		1	63.	19.	13.	0.	0.		0.	0.	4.	0.	0.	0.		0.		32.	.51
500	1901		1	75.	8.	17.	0.	0.		0.	0.	0.	0.	0.	0.		0.		25.	.34
500	1902		1	47.	49.	0.	0.	0.		0.	0.	2.	2.	0.	0.		0.		49.	1.05
500	1903		1	10.	8.	0.	0.	0.		0.	77.	1.	1.	0.	0.		0.		8.	.73
500	1904		1	15.	14.	0.	0.	0.		0.	69.	1.	0.	0.	0.		0.		14.	.92
500	1905		1	16.	3.	4.	0.	0.		0.	75.	1.	1.	0.	0.		0.		8.	.48
500	1906		1	18.	5.	5.	0.	0.		0.	71.	1.	0.	0.	0.		0.		10.	.60
500	1907		1	12.	10.	0.	1.	0.		0.	76.	1.	1.	0.	0.		1.	.00	10.	.82
500	1908		1	61.	9.	28.	0.	0.		0.	0.	1.	0.	0.	0.		0.		38.	.63
500	1909		1	16.	29.	0.	1.	0.		0.	53.	1.	0.	0.	0.		1.	.00	29.	1.84
500	1910		1	15.	7.	3.	0.	0.		0.	74.	0.	0.	0.	0.		0.		10.	.65
500	1911		1	14.	10.	2.	0.	0.		0.	73.	0.	1.	0.	0.		0.		12.	.82
500	1912		1	10.	6.	0.	0.	0.		0.	82.	0.	0.	0.	0.		0.		6.	.57
500	1913		1	26.	14.	0.	1.	0.		0.	58.	0.	1.	0.	0.		1.	.00	14.	.54
500	1914		1	37.	31.	3.	0.	0.		0.	25.	1.	0.	0.	0.		0.		34.	.93
500	1915		1	34.	15.	7.	0.	0.		4.	39.	0.	0.	0.	0.		4.		23.	.66
500	1917		1	16.	16.	0.	0.	0.		0.	65.	1.	0.	0.	0.		0.		16.	1.01
500	1918		1	33.	26.	5.	0.	0.		0.	35.	1.	0.	0.	0.		1.		31.	.94
500	1919		1	14.	12.	0.	0.	0.		0.	73.	0.	1.	0.	0.		0.		12.	.97
500	1920		1	18.	7.	5.	0.	0.		0.	69.	0.	1.	0.	0.		0.		12.	.70
500	1921		1	57.	33.	8.	0.	0.		1.	0.	1.	0.	0.	0.		1.		41.	.73
500	1922		1	52.	10.	18.	0.	0.		3.	11.	5.	0.	0.	0.		3.		28.	.55
500	1923		1	63.	16.	17.	0.	0.		0.	0.	1.	0.	0.	0.		0.		33.	.53
500	1924		1	46.	24.	3.	0.	0.		0.	22.	5.	0.	0.	0.		0.		28.	.60
500	1925		1	18.	20.	0.	0.	0.		0.	59.	3.	0.	0.	0.		0.		20.	1.13
500	1926		1	47.	0.	14.	0.	0.		0.	27.	10.	1.	0.	0.		0.		14.	.31
500	1927		1	41.	43.	13.	0.	0.		0.	0.	1.	0.	0.	0.		0.		56.	1.35
500	1928		1	24.	25.	6.	0.	0.		2.	42.	2.	0.	0.	0.		2.		31.	1.29
500	1929		1	95.	5.	0.	0.	0.		0.	0.	0.	0.	0.	0.		0.		5.	.06
500	1930		1	87.	10.	3.	0.	0.		0.	0.	0.	0.	0.	0.		0.		13.	.15
500	1931		1	92.	0.	7.	0.	0.		0.	0.	1.	1.	0.	0.		0.		7.	.07
500	1932		1	18.	9.	4.	0.	0.		0.	67.	1.	1.	0.	0.		0.		12.	.69
500	1933		1	22.	6.	7.	0.	0.		12.	50.	0.	1.	0.	0.		12.		14.	.61
500	1934		1	27.	19.	5.	0.	0.		0.	49.	1.	0.	0.	0.		0.		23.	.86
500	1935		1	38.	0.	15.	14.	0.		0.	34.	0.	0.	0.	0.		14.	.00	16.	.41
500	1936		1	68.	11.	18.	0.	0.		0.	0.	2.	0.	0.	0.		0.		29.	.43
500	1937		1	52.	21.	21.	0.	0.		0.	0.	5.	0.	0.	0.		0.		43.	.81
500	1938		1	32.	49.	14.	1.	0.		0.	0.	2.	0.	0.	0.		1.	.00	63.	1.99
500	1939		1	16.	14.	8.	2.	0.		0.	57.	1.	1.	0.	0.		2.	.04	23.	1.38
500	1940		1	64.	0.	31.	2.	0.		0.	0.	3.	0.	0.	0.		2.	.00	31.	.48
500	1941		1	63.	3.	12.	0.	0.		0.	19.	4.	0.	0.	0.		0.		15.	.24
500	1942		1	65.	18.	9.	0.	0.		0.	0.	8.	0.	0.	0.		0.		27.	.42
500	1943		1	34.	25.	3.	1.	0.		0.	31.	6.	0.	0.	0.		1.	.00	28.	.81
500	1944		1	47.	0.	23.	0.	0.		0.	24.	3.	0.	0.	0.		0.		23.	.48
500	1945		1	18.	21.	0.	0.	0.		0.	59.	0.	0.	0.	0.		0.		21.	1.17
500	1946		1	39.	0.	11.	0.	0.		0.	46.	1.	1.	0.	0.		0.		11.	.30
500	1947		1	21.	14.	0.	1.	0.		0.	60.	1.	1.	0.	0.		1.	.00	14.	.67
500	1948		1	12.	12.	2.	0.	0.		0.	72.	1.	1.	0.	0.		0.		13.	1.16
500	1949		1	24.	12.	0.	1.	0.		0.	63.	1.	0.	0.	0.		1.	.00	12.	.51
500	1950		1	10.	14.	0.	0.	0.		0.	73.	0.	1.	0.	0.		0.		14.	1.46
500	1951	A	1	44.	14.	4.	0.	0.		3.	34.	0.	0.	0.	0.		4.		18.	.40
500	1951	B	1	67.	16.	11.	0.	0.		0.	0.	3.	3.	0.	0.		0.		26.	.40
500	1952		1	22.	2.	6.	0.	0.		0.	67.	1.	1.	0.	0.		0.		8.	.35
500	1953		1	83.	10.	0.	0.	0.		0.	3.	3.	0.	0.	0.		0.		10.	.12
500	1954		1	20.	9.	1.	5.	0.		0.	64.	1.	1.	0.	0.		5.	.00	10.	.51
500	1955		1	26.	5.	2.	0.	0.		4.	62.	1.	0.	0.	0.		4.		7.	.27
500	1956		1	88.	11.	0.	0.	0.		0.	0.	1.	0.	0.	0.		0.		11.	.13
500	1957		1	90.	0.	8.	0.	0.		0.	0.	0.	2.	0.	0.		0.		8.	.09

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC		MG CALC		ARAG		LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT		CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	1958		1	86.	9.	5.	0.		0.		0.		0.	0.	0.	0.	0.		0.		14.	.17
500	1959		1	93.	6.	0.	0.		0.		0.		0.	1.	0.	0.	0.		0.		6.	.06
500	1960		2	100.	0.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		0.	.00
500	1961		2	96.	4.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		4.	.04
500	1962		2	71.	18.	6.	0.		0.		0.		0.	3.	0.	0.	0.		0.		24.	.34
500	1963		2	59.	22.	6.	0.		0.		0.		6.	4.	0.	0.	0.		0.	.00	28.	.48
500	1964		2	57.	28.	6.	0.		0.		0.		0.	7.	0.	0.	0.		0.	.00	34.	.59
500	1965		2	68.	24.	5.	0.		0.		0.		0.	2.	0.	0.	0.		0.		30.	.43
500	1966		2	57.	23.	5.	0.		2.	8	0.		7.	5.	0.	0.	0.		2.	.00	29.	.50
500	1967		2	89.	3.	5.	0.		3.	8	0.		0.	0.	0.	0.	0.		3.	.00	8.	.09
500	1968		2	85.	10.	3.	0.		0.		0.		0.	0.	0.	0.	0.		0.		13.	.15
500	1969		2	48.	24.	6.	0.		1.	8	0.		19.	2.	0.	0.	0.		1.	.00	31.	.63
500	1970		2	71.	15.	3.	0.		0.		0.		5.	4.	0.	0.	0.		0.	.00	18.	.26
500	1971		2	97.	3.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		3.	.03
500	1972		2	62.	22.	4.	0.		0.		0.		10.	2.	0.	0.	0.		0.		26.	.42
500	1973	A	3	99.	1.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		1.	.01
500	1973	B	2	59.	14.	3.	0.		0.		0.		25.	0.	0.	0.	0.		0.		17.	.28
500	1974		2	94.	3.	4.	0.		0.		0.		0.	0.	0.	0.	0.		0.		7.	.07
500	1975		2	47.	11.	0.	0.		0.		0.		41.	0.	0.	0.	0.		0.	.00	11.	.23
500	1976		2	41.	4.	0.	0.		0.		0.		55.	0.	0.	0.	0.		0.		4.	.10
500	1977		2	32.	4.	0.	0.		0.		0.		63.	0.	0.	0.	0.		0.	.00	4.	.13
500	1978		2	34.	6.	1.	0.		0.		0.		58.	0.	0.	0.	0.	*	0.		7.	.22
500	1979		2	20.	2.	0.	0.		1.	9	1.		72.	2.	1.	0.	0.	*	2.	1.00	2.	.11
500	1980		3	37.	7.	0.	0.		0.		0.		49.	0.	3.	0.	0.	*	0.		7.	.18
500	1981		2	28.	8.	2.	0.		0.		0.		59.	0.	0.	0.	0.		0.	.00	10.	.37
500	1982		2	53.	7.	0.	0.		0.		0.		38.	0.	0.	0.	0.		0.	.00	7.	.13
500	1983		3	99.	1.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		1.	.01
500	1984		2	33.	5.	5.	0.		0.		0.		55.	0.	2.	0.	0.		0.		11.	.32
500	1985		2	79.	6.	0.	0.		0.		0.		12.	0.	4.	0.	0.		0.		6.	.08
500	1986		2	40.	19.	4.	0.		2.	13	0.		30.	2.	2.	0.	0.	*	2.	.00	23.	.58
500	1987		2	43.	9.	4.	0.		0.		0.		43.	0.	0.	0.	0.		0.		13.	.30
500	1988		2	82.	5.	5.	0.		1.	9	0.		7.	0.	0.	0.	0.		1.	.00	10.	.12
500	1989		2	48.	18.	7.	0.		0.		1.		23.	0.	0.	2.	0.		1.		26.	.53
500	1990		3	57.	20.	4.	0.		0.		0.		15.	4.	0.	0.	0.		0.		23.	.42
500	1991		3	49.	21.	10.	0.		0.		0.		13.	4.	0.	0.	0.		0.		37.	.63
500	1992		2	34.	9.	2.	0.		0.	15	0.		51.	2.	0.	0.	0.		0.		11.	.33
500	1993		3	52.	15.	8.	0.		1.	13	0.		19.	2.	0.	0.	0.		1.	.00	23.	.44
500	1994		2	78.	5.	5.	3.		0.		0.		8.	0.	0.	0.	0.	*	3.	.00	10.	.13
500	1995		3	78.	13.	6.	0.		1.	14	0.		0.	1.	0.	0.	0.		1.	.00	19.	.24
500	1996		2	89.	5.	2.	0.		1.	12	3.		0.	0.	0.	0.	0.		4.	3.00	7.	.08
500	1997		2	69.	15.	12.	0.		1.	16	0.		0.	3.	0.	0.	0.		1.	.00	27.	.40
500	1998		2	78.	9.	7.	0.		1.	14	0.		0.	6.	0.	0.	0.		1.	.00	16.	.21
500	1999		2	59.	18.	9.	0.		1.	12	0.		11.	2.	0.	0.	0.		1.	.00	27.	.46
500	2000		2	85.	8.	4.	0.		1.	8	0.		0.	1.	0.	0.	0.		1.	.00	12.	.14
500	2001		2	48.	29.	12.	0.		0.		0.		7.	2.	0.	0.	0.		0.		42.	.87
500	2002		3	86.	10.	4.	0.		0.		0.		0.	0.	0.	0.	0.		0.		14.	.16
500	2003		3	79.	11.	10.	0.		0.		0.		0.	0.	0.	0.	0.		1.	.00	21.	.27
500	2004		2	92.	3.	5.	0.		0.		0.		0.	0.	0.	0.	0.		0.		8.	.09
500	2005		1	80.	13.	2.	0.		0.		0.		0.	5.	0.	0.	0.		0.		15.	.19
500	2006		1	88.	0.	10.	0.		0.		0.		0.	2.	0.	0.	0.		0.		10.	.12
500	2007		1	63.	0.	11.	0.		0.		0.		24.	2.	0.	0.	0.		0.		11.	.17
500	2008		1	35.	1.	11.	0.		0.		0.		52.	2.	0.	0.	0.		0.		12.	.34
500	2009		1	29.	0.	11.	0.		0.		0.		57.	3.	0.	0.	0.		0.		11.	.39
500	2010		1	84.	15.	0.	0.		0.		0.		0.	1.	0.	0.	0.		0.		15.	.18
500	2011		1	78.	0.	19.	0.		0.		0.		0.	3.	0.	0.	0.		0.		19.	.24
500	2025		2	93.	4.	3.	0.		0.		0.		0.	0.	0.	0.	0.		0.		7.	.08
500	2026		2	97.	3.	0.	0.		0.		0.		0.	0.	0.	0.	0.		0.		3.	.03
500	2027	A	2	79.	13.	5.	0.		2.	8	0.		0.	1.	0.	0.	0.		2.	.00	18.	.23
500	2027	B	3	67.	22.	4.	0.		1.	8	0.		5.	2.	0.	0.	0.		4.	3.00	26.	.38
500	2028		3	67.	21.	9.	0.		0.		0.		0.	2.	0.	0.	0.		2.	.00	30.	.45
500	2029		2	86.	8.	4.	0.		0.	14	0.		0.	2.	0.	0.	0.		0.		12.	.14
500	2030		2	86.	9.	4.	0.		1.	9	0.		0.	0.	0.	0.	0.		1.	.00	13.	.15
500	2031		2	80.	3.	5.	0.		0.		0.		9.	0.	0.	2.	0.	*	0.		8.	.10
500	2032		2	94.	3.	3.	0.		0.		0.		0.	0.	0.	0.	0.		0.		6.	.06
500	2033		2	92.	4.	3.	0.		1.	13	0.		0.	0.	0.	0.	0.		1.	.00	7.	.08
500	2034		2	93.	3.	2.	0.		0.		0.		0.	1.	0.	0.	0.	*	0.		5.	.05
500	2035		2	86.	4.	3.	0.		0.		0.		6.	1.	0.	0.	0.		0.		7.	.08
500	2036		2	92.	5.	2.	0.		0.		0.		0.	0.	0.	0.	0.		0.		7.	.08
500	2038		2	77.	14.	8.	0.		0.		0.		0.	1.	0.	0.	0.		0.		22.	.29
500	2039		3	68.	16.	16.	0.		0.		0.		0.	0.	0.	0.	0.		1.	.00	32.	.47
500	2040	A	2	79.	13.	8.	0.		0.		0.		0.	0.	0.	0.	0.		1.	.00	21.	.27
500	2040	B	2	41.	21.	5.	0.		2.	11	0.		29.	0.	0.	0.	0.	*	2.	.00	26.	.64
500	2041		3	79.	10.	6.	0.		0.		3.		0.	2.	0.	0.	0.		3.		26.	.38
500	2042		2	80.	14.	0.	0.		1.	7	0.		0.	5.	0.	0.	0.		1.	.00	16.	.20
500	2043		2	87.	8.	3.	0.		1.	14	0.		0.	1.	0.	0.	0.		1.	.00	11.	.13
500	2044		2	71.	12.	7.	0.		1.	15	0.		8.	2.	0.	0.	0.		1.	.00	19.	.27
500	2045		2	74.	14.	10.	0.		0.		0.		0.	2.	0.	0.	0.		0.		24.	.32
500	2046		2	47.	6.	3.	0.		3.		42.		0.	0.	0.	0.	0.		45.	14.00	9.	.19
500	2047		2	73.	14.	12.	0.		0.		0.		0.	2.	0.	0.	0.		0.		26.	.36
500	2048		2	66.	14.	7.	0.		2.	13	0.		8.	3.	0.	0.	0.		2.	.00	21.	.32
500	2049	A	2	68.	16.	14.	0.		0.		0.		0.	2.	0.	0.	0.		0.		30.	.44
500	2049	B	2	50.	24.	6.	1.		0.		3.		13.	3.	0.	0.	0.		4.	3.00	30.	.60
500	2050		2	71.	17.	10.	0.		0.		0.		0.	2.	0.	0.	0.		0.		28.	.39
500	2051		2	60.	18.	6.	0.		0.		0.		14.	1.	0.	0.	0.		0.		24.	.40
500	2052		2	93.	3.	3.	0.		1.	14	0.		0.	0.	0.	0.	0.		1.	.00	6.	.06
500	2053		2	76.	15.	7.	0.		1.	15	0.		0.	1.	0.	0.	0.		1.	.00	22.	.29
500	2054		2	94.	2.	3.	0.		0.		0.		0.	0.	0.	0.	0.		0.		5.	.05
500	2055		3	93.	4.	3.	0.		0.	19	0.		0.	0.	0.	0.	0.		0.		11.	.12
500	2056		2	74.	16.	7.	0.		0.		0.		0.	3.	0.	0.	0.		0.		23.	.31
500	2057		3	84.	7.	7.	0.		0.		0.		0.	1.	0.	0.	0.	*	0.		7.	.08

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC		ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT		CACO3	ARAG/CAL	FELDSP	FEL/QTZ
500	2058	2	93.	5.	2.	0.	0.		0.	0.	0.	0.	0.	0.		0.		7.	.08
500	2059	3	87.	6.	4.	0.	0.		0.	0.	0.	0.	1.	0.		0.		10.	.12
500	2060	2	89.	7.	3.	0.	0.		0.	0.	0.	0.	0.	0.		0.		10.	.11
500	2061	2	73.	14.	11.	0.	0.		0.	0.	2.	0.	0.	0.		0.		25.	.34
500	2062	2	87.	4.	8.	0.	1.		0.	0.	1.	0.	0.	0.		1.	.00	12.	.14
500	2063 A	2	79.	9.	9.	0.	0.		0.	0.	2.	0.	0.	0.		0.		18.	.23
500	2064	3	90.	5.	5.	0.	0.		0.	0.	0.	0.	0.	0.		0.		10.	.11
500	2065 A	2	91.	3.	4.	0.	0.		0.	0.	0.	0.	2.	0.		0.		7.	.08
500	2065 B	2	62.	14.	7.	0.	1.		0.	13.	0.	0.	0.	0.		1.	.00	21.	.34
500	2069	2	36.	27.	2.	4.	0.		0.	30.	0.	0.	0.	0.		4.	.00	30.	.82
500	2070	2	46.	15.	2.	8.	1.	13	0.	28.	0.	0.	0.	0.		9.	.00	17.	.38
500	2071	2	35.	11.	5.	18.	0.		0.	31.	0.	0.	0.	0.		18.	.00	16.	.47
500	2072	2	37.	13.	5.	22.	0.		0.	22.	0.	0.	0.	0.	*	22.	.00	18.	.49
500	2073	2	33.	17.	5.	26.	0.		0.	17.	0.	0.	0.	0.	*	26.	.00	23.	.68
500	2074 A	2	36.	8.	4.	26.	0.		0.	25.	0.	0.	0.	0.		26.	.00	13.	.35
500	2074 B	2	23.	15.	1.	15.	0.		0.	42.	1.	0.	0.	0.	*	15.	.00	16.	.70
500	2075	2	37.	20.	4.	15.	0.		0.	21.	2.	0.	0.	0.		15.	.00	24.	.66
500	2076	2	44.	17.	6.	12.	0.		0.	20.	0.	0.	0.	0.		12.	.00	23.	.51
500	2077	2	47.	10.	3.	0.	10.	4	4.	26.	0.	0.	0.	0.		14.	.44	13.	.27
500	2079	2	32.	13.	2.	0.	10.	4	0.	45.	0.	0.	0.	0.		10.	.00	15.	.48
500	2080	3	88.	5.	5.	0.	1.	3	0.	0.	0.	0.	0.	0.		1.	.00	10.	.12
500	2081	3	65.	8.	4.	0.	4.	4	0.	16.	0.	0.	1.	0.		4.		12.	.19
500	2082	2	77.	0.	13.	0.	10.	4	0.	0.	0.	0.	0.	0.		10.	.00	13.	.17
500	2083	2	57.	0.	8.	0.	7.	4	0.	27.	0.	0.	0.	0.		7.	.00	8.	.15
500	2084	3	38.	13.	3.	14.	0.		0.	33.	0.	0.	1.	0.		14.		16.	.42
500	2085	2	27.	13.	3.	0.	25.	4	0.	31.	0.	0.	0.	0.		25.	.00	16.	.60
500	2086	2	26.	7.	4.	0.	27.	3	0.	36.	0.	0.	0.	0.		27.	.00	11.	.42
500	2087	3	10.	3.	3.	29.	0.		0.	31.	0.	0.	0.	0.	*	29.		6.	.60
500	2088	2	32.	12.	0.	0.	18.	3	0.	38.	0.	0.	0.	0.		18.	.00	12.	.37
500	2089	3	37.	12.	0.	13.	0.		0.	38.	0.	0.	0.	0.		13.		12.	.32
500	2091	3	44.	13.	4.	8.	0.		0.	30.	0.	0.	0.	0.		8.	.00	17.	.38
500	2093	2	34.	10.	4.	0.	18.		0.	33.	0.	0.	0.	0.		18.	.00	14.	.41
500	2094	3	36.	10.	5.	14.	0.		0.	33.	0.	0.	0.	0.		14.		13.	.43
500	2100	C	67.	0.	12.	5.	0.		0.	16.	0.	0.	0.	0.		5.	.00	12.	.18
500	2101	2	45.	0.	0.	0.	10.		0.	45.	0.	0.	0.	0.		10.	.00	0.	.00
500	2102 B	2	46.	23.	10.	0.	0.		0.	20.	0.	0.	0.	0.		0.		34.	.73
500	2103	3	67.	20.	9.	0.	5.	4	0.	0.	0.	0.	0.	0.		5.	.00	29.	.44
500	2104	2	97.	2.	0.	0.	0.		0.	0.	1.	0.	0.	0.		0.		2.	.02
500	2105	2	97.	0.	3.	0.	0.		0.	0.	0.	0.	0.	0.		0.		3.	.03
500	2106	2	82.	1.	11.	1.	0.		0.	5.	1.	0.	0.	0.		1.	.00	12.	.15
500	2107	2	37.	12.	5.	0.	4.	5	6.	29.	0.	0.	4.	0.	*	10.	1.50	18.	.47
500	2108	2	54.	17.	4.	0.	23.	5	0.	0.	0.	0.	0.	0.		23.	.00	21.	.39
500	2109 A	2	27.	11.	6.	0.	8.	4	0.	47.	0.	0.	0.	0.		8.	.00	18.	.65
500	2109 B	2	32.	25.	0.	0.	9.	4	0.	34.	0.	0.	0.	0.		9.	.00	25.	.77
500	2110	2	21.	6.	1.	0.	20.	3	0.	51.	0.	0.	0.	0.		20.	.00	7.	.33
500	2111	3	22.	6.	1.	20.	0.		0.	50.	0.	0.	0.	0.		20.	.00	7.	.33
500	2112	2	33.	15.	9.	0.	2.	4	0.	34.	0.	0.	6.	0.		2.	.00	24.	.73
500	2113	3	30.	16.	5.	14.	0.		0.	33.	0.	0.	0.	0.		14.	.00	22.	.72
500	2114	2	34.	17.	4.	0.	7.	4	0.	37.	0.	0.	0.	0.		7.	.00	21.	.61
500	2115	3	20.	13.	4.	0.	22.	5	0.	38.	0.	0.	0.	0.		22.	.00	17.	.85
500	2116	2	20.	13.	4.	0.	22.	5	0.	38.	0.	0.	0.	0.		22.	.00	17.	.85
500	2117	3	10.	10.	12.	0.	36.	5	0.	33.	0.	0.	0.	0.		37.	.00	22.	2.00
500	2118	3	10.	10.	0.	0.	54.	8	0.	28.	0.	0.	0.	0.		54.	.00	11.	1.00
500	2120	1	12.	4.	7.	18.	0.		0.	58.	0.	0.	0.	0.		18.	.00	10.	.85
500	2121	1	14.	12.	1.	0.	0.		1.	71.	0.	1.	0.	0.		1.		13.	.98
500	2122	1	28.	9.	3.	6.	0.		0.	51.	1.	0.	0.	0.		6.	.00	11.	.40
500	2123	1	37.	9.	8.	5.	0.		0.	38.	1.	0.	0.	0.		5.	.00	17.	.47
500	2124	1	12.	9.	3.	1.	0.		0.	73.	1.	1.	0.	0.		1.	.00	11.	.95
500	2125	1	11.	10.	2.	21.	0.		0.	54.	0.	0.	0.	0.		21.	.00	12.	1.07
500	2127	1	12.	4.	0.	4.	0.		0.	77.	1.	0.	0.	0.		4.	.00	4.	.34
500	2128	1	13.	11.	2.	9.	0.		0.	63.	1.	0.	0.	0.		9.	.00	13.	.96
500	2129	1	39.	0.	10.	5.	0.		0.	44.	2.	0.	0.	0.		5.	.00	10.	.27
500	2130	1	14.	10.	2.	8.	0.		0.	63.	1.	0.	0.	0.		8.	.00	12.	.90
500	2131	1	21.	11.	2.	6.	0.		0.	56.	0.	1.	0.	0.		6.	.00	13.	.61
500	2132 A	1	18.	7.	5.	15.	0.		0.	55.	1.	0.	0.	0.		15.	.00	11.	.61
500	2132 B	1	18.	7.	4.	12.	0.		2.	56.	1.	0.	0.	0.		14.	.16	11.	.62
500	2133	1	9.	7.	0.	18.	0.		0.	65.	0.	0.	0.	0.		18.	.00	7.	.84
500	2134	1	12.	2.	5.	28.	0.		0.	52.	0.	0.	0.	0.		28.	.00	7.	.58
500	2135	1	7.	4.	2.	22.	0.		0.	65.	0.	0.	0.	0.		22.	.00	6.	.95
500	2136	1	20.	8.	3.	7.	0.		1.	60.	0.	0.	0.	0.		8.	.21	11.	.58
500	2137	1	17.	3.	1.	10.	0.		0.	68.	1.	0.	0.	0.		10.	.00	4.	.22
500	2138	1	52.	30.	6.	8.	0.		0.	0.	3.	0.	0.	0.		8.	.00	36.	.69
500	2139	1	85.	4.	8.	4.	0.		0.	0.	0.	0.	0.	0.		4.	.00	12.	.14
500	2140	1	18.	0.	6.	14.	0.		0.	62.	0.	0.	0.	0.		14.	.00	6.	.33
500	2141	1	15.	1.	5.	17.	0.		1.	62.	0.	0.	0.	0.		18.	.03	5.	.37
500	2142	1	17.	5.	2.	6.	0.		0.	67.	1.	0.	0.	0.		6.	.00	7.	.38
500	2143	1	9.	7.	3.	33.	0.		0.	48.	0.	0.	0.	0.		33.	.00	10.	1.02
500	2144	1	8.	6.	0.	23.	0.		0.	60.	1.	1.	0.	0.		23.	.00	6.	.74
500	2145	1	6.	7.	0.	23.	0.		0.	64.	1.	0.	0.	0.		23.	.00	7.	1.15
500	2146	1	9.	2.	0.	18.	0.		0.	70.	1.	0.	0.	0.		18.	.00	2.	.26
500	2147	1	7.	2.	4.	15.	0.		1.	71.	1.	0.	0.	0.		16.	.05	5.	.75
500	2148	1	15.	1.	5.	10.	0.		0.	68.	0.	0.	0.	0.		10.	.00	7.	.46
500	2149	1	89.	0.	0.	10.	0.		0.	0.	1.	0.	0.	0.		10.	.00	0.	.00
500	2150 A	1	23.	3.	0.	13.	0.		0.	60.	1.	0.	0.	0.		13.	.00	3.	.13
500	2150 B	1	3.	0.	0.	32.	0.		0.	65.	0.	0.	0.	0.		32.	.00	0.	.00
500	2150 C	1	11.	0.	6.	21.	0.		0.	61.	0.	0.	0.	0.		21.	.00	6.	.56
500	2151	1	12.	3.	5.	15.	0.		0.	66.	0.	0.	0.	0.		15.	.00	8.	.66
500	2152	1	27.	7.	2.	9.	0.		0.	54.	0.	0.	0.	0.		9.	.00	9.	.33
500	2153	1	14.	7.	2.	9.	0.		0.	68.	0.	0.	0.	0.		9.	.05	8.	.56
500	2154	1	8.	13.	2.	21.	0.		0.	56.	1.	0.	0.	0.		21.	.00	15.	1.85

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #			QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	2155		1	7.	7.	4.	19.	0.	0.	61.	1.	0.	0.	0.		19.	.00	11.	1.53
500	2156		1	18.	5.	0.	31.	0.	0.	46.	0.	0.	0.	0.		31.	.00	5.	.27
500	2157		1	11.	11.	0.	21.	0.	0.	56.	1.	0.	0.	0.		21.	.00	11.	1.01
500	2158		1	14.	8.	2.	15.	0.	0.	60.	0.	1.	0.	0.		15.	.00	10.	.74
500	2159		1	16.	3.	4.	10.	0.	0.	67.	0.	0.	0.	0.		10.	.00	7.	.48
500	2160		1	80.	1.	16.	1.	0.	0.	0.	1.	0.	0.	0.		1.	.00	17.	.21
500	2161		1	18.	10.	0.	11.	0.	0.	59.	1.	0.	0.	0.		11.	.00	10.	.58
500	2162		1	10.	14.	2.	9.	0.	0.	64.	0.	0.	0.	0.		9.	.00	16.	1.57
500	2163		1	9.	8.	0.	18.	0.	0.	64.	0.	0.	0.	0.		18.	.00	8.	.90
500	2164		1	8.	10.	2.	22.	0.	0.	57.	0.	0.	0.	0.		22.	.00	12.	1.45
500	2165		1	10.	8.	2.	25.	0.	0.	54.	1.	0.	0.	0.		25.	.00	10.	1.00
500	2166		1	13.	9.	0.	15.	0.	0.	62.	1.	0.	0.	0.		15.	.00	9.	.63
500	2167		1	17.	6.	0.	8.	0.	0.	68.	0.	0.	0.	0.		8.	.00	6.	.35
500	2168		1	9.	5.	2.	19.	0.	0.	64.	0.	0.	0.	0.		19.	.00	7.	.76
500	2169		1	18.	8.	4.	18.	0.	1.	52.	0.	0.	0.	0.		18.	.03	12.	.71
500	2170		1	9.	8.	2.	15.	0.	0.	66.	0.	0.	0.	0.		15.	.00	10.	1.14
500	2171		1	24.	9.	2.	4.	0.	3.	58.	0.	0.	0.	0.		8.	.81	11.	.44
500	2172		1	28.	24.	0.	6.	0.	0.	41.	0.	0.	0.	0.		6.	.00	24.	.86
500	2173		1	35.	0.	10.	7.	0.	0.	48.	0.	0.	0.	0.		7.	.00	10.	.28
500	2174		1	23.	0.	6.	10.	0.	0.	61.	0.	0.	0.	0.		10.	.00	7.	.28
500	2175		1	83.	0.	7.	0.	0.	0.	9.	0.	0.	0.	0.		0.		7.	.08
500	2176		1	78.	0.	3.	2.	0.	0.	17.	0.	0.	0.	0.		2.	.00	3.	.03
500	2177		1	55.	19.	3.	4.	0.	0.	19.	0.	0.	0.	0.		4.	.00	21.	.39
500	2178		1	18.	8.	2.	8.	0.	0.	64.	0.	0.	0.	0.		8.	.00	10.	.55
500	2179		1	12.	11.	0.	10.	0.	0.	67.	0.	0.	0.	0.		10.	.00	11.	.94
500	2180		1	14.	8.	0.	7.	0.	0.	69.	1.	0.	0.	0.		7.	.00	8.	.61
500	2181		1	46.	1.	3.	5.	0.	1.	43.	1.	0.	0.	0.		6.	.09	4.	.10
500	2182		1	61.	0.	15.	2.	0.	0.	21.	1.	0.	0.	0.		2.	.00	15.	.24
500	2183		1	36.	17.	4.	5.	0.	0.	37.	1.	0.	0.	0.		5.	.00	21.	.60
500	2184		1	15.	8.	3.	9.	0.	0.	65.	0.	0.	0.	0.		9.	.00	10.	.68
500	2185		1	19.	10.	3.	7.	0.	0.	60.	0.	1.	0.	0.		7.	.00	13.	.68
500	2186		1	34.	6.	3.	13.	0.	0.	44.	0.	0.	0.	0.		13.	.00	9.	.26
500	2187		1	13.	11.	1.	26.	0.	0.	48.	0.	0.	0.	0.		26.	.00	12.	.88
500	2188		1	12.	0.	7.	20.	0.	0.	61.	0.	0.	0.	0.		20.	.00	7.	.52
500	2189		1	12.	14.	3.	8.	0.	0.	62.	0.	0.	0.	0.		8.	.00	17.	1.48
500	2190		1	53.	3.	2.	6.	0.	0.	34.	1.	0.	0.	0.		6.	.00	6.	.11
500	2191	A	1	51.	4.	2.	4.	0.	0.	38.	0.	0.	0.	0.		4.	.00	7.	.13
500	2191	B	1	22.	0.	0.	18.	0.	0.	56.	1.	0.	0.	0.		18.	.00	0.	.00
500	2192		1	18.	14.	0.	5.	0.	0.	61.	1.	0.	0.	0.		5.	.00	14.	.80
500	2193		1	64.	13.	18.	2.	0.	3.	0.	0.	0.	0.	0.		5.	1.80	31.	.48
500	2194		1	21.	3.	4.	3.	0.	0.	66.	0.	1.	0.	0.		3.	.00	7.	.32
500	2195		1	27.	6.	0.	3.	0.	0.	62.	0.	1.	0.	0.		3.	.00	6.	.24
500	2196		1	64.	0.	7.	3.	0.	0.	27.	0.	0.	0.	0.		3.	.00	7.	.10
500	2197		1	6.	7.	0.	0.	0.	0.	83.	0.	1.	0.	0.		0.		7.	1.23
500	2200		1	16.	16.	0.	3.	0.	0.	64.	0.	0.	0.	0.		3.	.00	16.	1.00
500	2201		1	70.	10.	10.	6.	0.	0.	0.	2.	1.	0.	0.		6.	.00	21.	.30
500	2202		1	52.	1.	2.	3.	0.	0.	37.	4.	0.	0.	0.		3.	.00	3.	.06
500	2203		1	25.	2.	4.	6.	0.	0.	63.	0.	0.	0.	0.		6.	.00	6.	.25
500	2204		1	24.	25.	2.	2.	0.	0.	45.	1.	0.	0.	0.		2.	.00	28.	1.18
500	2205		1	45.	20.	4.	4.	0.	0.	26.	1.	1.	0.	0.		4.	.00	24.	.53
500	2206		1	28.	6.	4.	4.	0.	0.	54.	1.	1.	0.	0.		4.	.00	10.	.37
500	2207		1	89.	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		11.	.13
500	2209		1	17.	11.	5.	3.	0.	0.	61.	1.	1.	0.	0.		3.	.00	16.	.93
500	2210		1	67.	0.	23.	1.	0.	0.	6.	1.	0.	0.	0.		1.	.00	23.	.34
500	2211		1	16.	15.	0.	8.	0.	1.	60.	0.	0.	0.	0.		9.	.15	15.	.92
500	2212		1	20.	0.	23.	4.	0.	0.	52.	1.	0.	0.	0.		4.	.00	23.	1.14
500	2217	A	2	80.	6.	8.	0.	0.	0.	6.	0.	0.	0.	0.		0.		14.	.17
500	2217	B	2	69.	22.	4.	0.	0.	2.	0.	3.	0.	0.	0.		2.		26.	.38
500	2218		3	69.	22.	4.	0.	0.	0.	0.	3.	0.	0.	0.		0.		26.	.38
500	2219		3	34.	14.	2.	0.	0.	0.	50.	0.	0.	0.	0.		0.		16.	.47
500	2220		2	19.	6.	3.	0.	0.	0.	71.	1.	0.	0.	0.		0.		9.	.47
500	2221		2	24.	7.	5.	0.	0.	0.	64.	0.	0.	0.	0.		0.		12.	.50
500	2222		2	10.	6.	0.	0.	0.	0.	77.	0.	0.	0.	0.	*	0.		6.	.60
500	2223		2	12.	0.	3.	0.	0.	0.	84.	0.	0.	0.	0.		0.		3.	.25
500	2224		3	18.	2.	0.	0.	0.	0.	80.	0.	0.	0.	0.		0.		2.	.11
500	2225		2	56.	12.	7.	0.	0.	0.	25.	0.	0.	0.	0.		0.		19.	.34
500	2226		3	42.	0.	11.	0.	0.	0.	38.	0.	0.	0.	0.	*	0.		11.	.26
500	2227	A	2	78.	10.	9.	0.	0.	0.	2.	0.	0.	0.	0.		0.	.00	19.	.24
500	2227	B	2	38.	12.	4.	0.	3.	0.	43.	0.	0.	0.	0.		3.	.00	16.	.42
500	2228		2	26.	5.	4.	0.	0.	0.	61.	0.	0.	0.	0.	*	0.		9.	.35
500	2229		3	67.	15.	8.	0.	0.	0.	10.	0.	0.	0.	0.		0.		23.	.34
500	2230		3	68.	17.	10.	0.	0.	0.	5.	0.	0.	0.	0.		0.		27.	.40
500	2231		2	75.	21.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		26.	.35
500	2232		2	68.	6.	3.	0.	0.	0.	23.	0.	0.	0.	0.		0.		9.	.13
500	2233		2	93.	4.	1.	0.	2.	0.	0.	0.	0.	0.	0.		2.	.00	5.	.05
500	2234		2	52.	21.	9.	0.	0.	0.	19.	0.	0.	0.	0.		0.		30.	.58
500	2235		2	81.	10.	3.	0.	0.	0.	7.	0.	0.	0.	0.		0.		13.	.16
500	2236		2	40.	0.	15.	0.	0.	0.	46.	0.	0.	0.	0.		0.		15.	.37
500	2237		3	30.	12.	4.	0.	0.	0.	54.	0.	0.	0.	0.		0.		16.	.53
500	2238		3	76.	6.	3.	0.	0.	0.	15.	0.	0.	0.	0.		0.		9.	.10
500	2239		2	33.	0.	0.	0.	0.	0.	67.	0.	0.	0.	0.		0.		0.	.00
500	2240		2	19.	0.	0.	0.	0.	0.	81.	0.	0.	0.	0.		0.		0.	.00
500	2241		2	32.	0.	5.	0.	0.	0.	61.	0.	0.	0.	0.		0.		5.	.16
500	2242		2	81.	14.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		19.	.23
500	2243		3	45.	20.	10.	0.	0.	0.	25.	0.	0.	0.	0.		0.		30.	.67
500	2244		3	20.	12.	0.	0.	0.	0.	49.	0.	0.	11.	0.	*	11.		12.	.63
500	2245		3	10.	0.	0.	0.	0.	0.	90.	0.	0.	0.	0.		0		0.	.00
500	2246		3	15.	0.	0.	2.	0.	0.	83.	0.	0.	0.	0.		2.	.00	0.	.00
500	2247		3	94.	1.	0.	0.	0.	0.	5.	0.	0.	0.	0.		1.	.00	1.	.01
500	2248		2	54.	4.	0.	0.	11.	15	31.	0.	0.	0.	0.		42.	2.82	4.	.07

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	2249	2	99.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.		0.		1.	.01
500	2250	2	88.	0.	4.	0.	0.	0.	7.	0.	0.	0.	0.	*	0.		4.	.05
500	2250U	2	95.	0.	2.	0.	0.	4.	0.	0.	0.	0.	0.		4.		2.	.02
500	2251	3	89.	0.	0.	0.	3. 6	8.	0.	0.	0.	0.	0.		11.	2.67	0.	.00
500	2252	2	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	2253	3	80.	0.	8.	1.	0.	5.	5.	0.	0.	0.	0.		6.	5.00	8.	.10
500	2254	2	86.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.		0.		14.	.16
500	2255	3	74.	0.	2.	0.	0.	0.	24.	0.	0.	0.	0.		0.		2.	.03
500	2256	2	86.	11.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		14.	.16
500	2257	2	93.	0.	5.	0.	0.	0.	0.	0.	0.	2.	0.		0.		5.	.05
500	2258	2	91.	4.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		9.	.10
500	2259	2	82.	5.	11.	0.	0.	0.	0.	2.	0.	0.	0.		0.		16.	.20
500	2260	2	87.	4.	7.	0.	3. 14	0.	0.	0.	0.	0.	0.		3.	.00	11.	.13
500	2261	2	92.	7.	0.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	7.	.08
500	2262	2	91.	3.	5.	0.	0.	0.	0.	1.	0.	0.	0.		0.		8.	.09
500	2263	2	93.	5.	0.	0.	0.	0.	0.	0.	0.	2.	0.		0.		5.	.05
500	2264	2	84.	3.	2.	1.	0.	0.	10.	0.	0.	0.	0.		1.	.00	5.	.06
500	2265	2	95.	0.	0.	4.	0.	1.	0.	0.	0.	0.	0.		5.	.25	0.	.00
500	2266	2	87.	0.	0.	0.	0.	0.	13.	0.	0.	0.	0.		0.		0.	.00
500	2267	2	83.	0.	0.	12.	0.	5.	0.	0.	0.	0.	0.		17.	.42	0.	.00
500	2268	2	94.	2.	4.	0.	0.	0.	0.	0.	0.	0.	0.	*	0.		6.	.06
500	2269	2	84.	6.	4.	0.	0.	0.	5.	0.	0.	1.	0.		0.		10.	.12
500	2270	2	87.	4.	4.	0.	0.	0.	5.	0.	0.	0.	0.		0.		8.	.09
500	2271	2	87.	2.	0.	1.	0.	0.	10.	0.	0.	0.	0.		1.	.00	2.	.02
500	2272	2	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	2273	3	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	2273U	2	88.	4.	6.	0.	0.	0.	0.	0.	0.	0.	0.	*	0.		10.	.11
500	2274	3	86.	4.	9.	0.	0.	0.	0.	0.	0.	0.	0.		1.	.00	13.	.15
500	2275	2	91.	6.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		9.	.10
500	2276	2	95.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		5.	.05
500	2277 A	2	96.	0.	3.	0.	0.	0.	0.	1.	0.	0.	0.		0.		3.	.03
500	2277 B	2	51.	0.	0.	0.	0.	0.	49.	0.	0.	0.	0.		0.		0.	.00
500	2278	3	99.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.		0.		1.	.01
500	2279	3	98.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00	4.	.04
500	2280	3	88.	4.	8.	0.	0.	0.	0.	1.	0.	0.	0.		0.		12.	.14
500	2281	2	89.	6.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		11.	.12
500	2282	3	83.	5.	7.	0.	0.	3.	0.	0.	0.	1.	0.		3.	1.50	12.	.07
500	2283	2	94.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		6.	.06
500	2284	2	84.	4.	5.	0.	0.	0.	7.	0.	0.	0.	0.		0.		9.	.11
500	2285	2	78.	8.	8.	0.	0.	5.	0.	0.	0.	0.	0.		5.		16.	.21
500	2286	2	71.	5.	0.	0.	0.	0.	24.	0.	0.	0.	0.		0.		5.	.07
500	2287	3	77.	0.	5.	0.	0.	0.	18.	0.	0.	0.	0.		0.		5.	.07
500	2288	2	97.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.		0.		2.	.02
500	2289	2	77.	7.	12.	0.	0.	0.	0.	3.	0.	0.	0.	*	0.		19.	.25
500	2290	2	92.	0.	6.	0.	2. 14	0.	0.	0.	0.	0.	0.		2.	.00	6.	.07
500	2291	2	88.	5.	4.	0.	1. 8	0.	0.	2.	0.	0.	0.	*	1.	.00	9.	.10
500	2292	2	90.	7.	3.	0.	1. 6	0.	0.	0.	0.	0.	0.		1.	.00	10.	.11
500	2293	3	86.	6.	6.	0.	1. 8	0.	0.	0.	0.	0.	0.		1.	.00	12.	.14
500	2294	2	81.	4.	0.	1.	1. 8	12.	0.	2.	0.	0.	0.		14.	6.00	4.	.05
500	2295	2	91.	4.	5.	0.	1. 16	0.	0.	0.	0.	0.	0.		1.	.00	9.	.10
500	2296	3	81.	7.	5.	0.	0.	5.	0.	2.	0.	0.	0.		5.		12.	.15
500	2297	2	95.	0.	4.	1.	0.	0.	0.	0.	0.	0.	0.		1.	.00	4.	.04
500	2298	2	87.	6.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		13.	.15
500	2300	3	44.	2.	2.	0.	0.	0.	52.	0.	0.	0.	0.		0.		8.	.09
500	2301	3	78.	5.	5.	4.	0.	0.	8.	0.	0.	0.	0.		4.	.00	11.	.13
500	2302	3	80.	4.	6.	0.	0.	0.	10.	0.	0.	0.	0.		0.		43.	.63
500	2303	2	58.	9.	8.	0.	0.	0.	23.	0.	0.	0.	0.	*	0.		17.	.29
500	2304A	3	96.	2.	2.	0.	0.	0.	0.	0.	0.	0.	0.		2.		4.	.04
500	2304B	2	97.	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.		0.		2.	.02
500	2304C	2	93.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.	*	0.		3.	.03
500	2304D	2	98.	0.	1.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	1.	.01
500	2305	2	86.	3.	1.	0.	3. 7	8.	0.	0.	0.	0.	0.		11.	2.67	4.	.05
500	2306	3	15.	3.	0.	0.	31. 3	51.	0.	0.	0.	0.	0.		82.	1.65	3.	.20
500	2307	2	87.	3.	3.	0.	3. 8	4.	0.	0.	0.	0.	0.		7.	1.33	6.	.07
500	2308	2	88.	5.	5.	0.	3. 8	0.	0.	0.	0.	0.	0.		3.	.00	10.	.11
500	2309	2	95.	3.	0.	0.	2. 9	0.	0.	0.	0.	0.	0.		2.	.00	3.	.03
500	2310	3	84.	3.	2.	3.	0.	8.	0.	0.	0.	0.	0.		11.	2.67	35.	.06
500	2311	3	90.	0.	2.	0.	3. 7	5.	0.	0.	0.	0.	0.		8.	1.67	2.	.02
500	2312	2	66.	2.	0.	0.	12. 7	20.	0.	0.	0.	0.	0.		32.	1.67	2.	.03
500	2313	3	82.	10.	8.	0.	0.	0.	0.	0.	0.	0.	0.		0.	0.00	18.	.22
500	2314	3	87.	7.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		13.	.15
500	2315	2	85.	9.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		14.	.16
500	2316	3	52.	0.	0.	0.	12. 10	36.	0.	0.	0.	0.	0.		148.	3.00	0.	.00
500	2317	2	59.	0.	0.	0.	4. 3	37.	0.	0.	0.	0.	0.		41.	9.25	0.	.00
500	2318	2	81.	1.	0.	2.	1. 19	15.	0.	0.	0.	0.	0.		18.	5.00	1.	.01
500	2319	3	99.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.		0.		1.	.01
500	2320	3	87.	7.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		12.	.14
500	2321	3	63.	18.	18.	0.	0.	0.	0.	0.	0.	0.	0.		0.	.00	36.	.57
500	2322	2	72.	19.	9.	0.	0.	0.	0.	0.	0.	0.	0.		0.		28.	.39
500	2323	2	71.	22.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		29.	.41
500	2324	2	72.	15.	8.	2.	1. 19	0.	0.	1.	0.	0.	0.		3.	.00	23.	.32
500	2325	3	95.	5.	0.	0.	1.	0.	0.	0.	0.	0.	0.		1.	.00	5.	.05
500	2326	2	88.	0.	0.	0.	1. 9	5.	5.	0.	0.	0.	0.		6.	5.00	0.	.00
500	2327	2	97.	0.	3.	0.	0.	0.	0.	0.	0.	0.	0.		0.		3.	.03
500	2328	2	66.	28.	6.	0.	0.	0.	0.	0.	0.	0.	0.		0.		34.	.52
500	2329	2	88.	5.	7.	0.	0.	0.	0.	0.	0.	0.	0.		0.		12.	.14
500	2330	2	85.	10.	5.	0.	0.	0.	0.	0.	0.	0.	0.		0.		15.	.18
500	2331	2	96.	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.		0.		4.	.04
500	2332	2	57.	26.	6.	0.	0.	0.	9.	2.	0.	0.	0.		0.		32.	.56
500	2333	2	61.	31.	6.	0.	0.	0.	0.	2.	0.	0.	0.		0.		37.	.61

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	OTHER DOLMT		$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	2334	2	8.	4.	0.	53.	0.	22.	13.	0.	0.	0.	0.		76.	.42	4.	.50
500	2335	3	5.	0.	0.	56.	0.	12.	27.	0.	0.	0.	0.		68.	.21	0.	.00
500	2336	2	12.	0.	3.	34.	3.	12 47.	0.	0.	0.	0.	0.		85.	1.28	3.	.25
500	2337	2	5.	0.	0.	49.	6.	9 39.	0.	0.	0.	0.	0.		95.	.71	0.	.00
500	2338	A 3	5.	5.	0.	54.	0.	24.	10.	0.	0.	0.	0.		78.	.44	5.	1.00
500	2338	B 3	8.	0.	0.	72.	0.	0.	0.	0.	0.	20.	0.		72.	.00	0.	.00
500	2340	2	5.	3.	0.	61.	0.	31.	0.	0.	0.	0.	0.		92.	.51	3.	.60
500	2341	2	1.	0.	0.	55.	27.	11 16.	0.	0.	0.	0.	0.		98.	.20	0.	.00
500	2342	2	1.	0.	0.	82.	0.	17.	0.	0.	0.	0.	0.		99.	.21	0.	.00
500	2343	2	0.	0.	0.	83.	0.	17.	0.	0.	0.	0.	0.		100.	.20	0.	.00
500	2344	2	1.	0.	0.	82.	0.	16.	0.	0.	0.	0.	0.		99.	.20	0.	.00
500	2345	2	1.	0.	0.	66.	3.	14 29.	0.	0.	0.	0.	0.		99.	.42	0.	.00
500	2346	2	3.	0.	0.	72.	0.	26.	0.	0.	0.	0.	0.		98.	.36	0.	.00
500	2347	A 2	2.	0.	0.	36.	9.	9 53.	0.	0.	0.	0.	0.		98.	1.19	0.	.00
500	2347	B 3	2.	0.	0.	38.	5.	9 55.	0.	0.	0.	0.	0.		98.	1.30	0.	.00
500	2348	2	2.	0.	0.	47.	0.	52.	0.	0.	0.	0.	0.		99.	1.11	0.	.00
500	2349	2	1.	0.	0.	74.	0.	21.	0.	1.	0.	0.	0.	*	96.	.29	0.	.00
500	2350	2	1.	0.	0.	65.	0.	34.	0.	0.	0.	0.	0.		99.	.52	0.	.00
500	2351	2	1.	0.	0.	46.	5.	13 46.	0.	0.	0.	0.	0.		98.	.90	0.	.00
500	2352	2	1.	0.	0.	64.	0.	35.	0.	0.	0.	0.	0.		99.	.56	0.	.00
500	2353	2	2.	0.	0.	39.	0.	60.	0.	0.	0.	0.	0.		99.	1.56	0.	.00
500	2354	3	1.	0.	0.	44.	0.	55.	0.	0.	0.	0.	0.		99.	1.25	0.	.00
500	2356	2	1.	0.	0.	44.	8.	12 46.	0.	0.	0.	0.	0.		98.	.88	0.	.00
500	2357	2	3.	0.	0.	51.	0.	46.	0.	0.	0.	0.	0.		97.	.91	0.	.00
500	2358	2	0.	0.	0.	64.	5.	13 31.	0.	0.	0.	0.	0.		100.	.45	0.	.00
500	2359	2	0.	0.	0.	32.	0.	68.	0.	0.	0.	0.	0.		100.	2.14	0.	.00
500	2360	2	0.	0.	0.	80.	0.	20.	0.	0.	0.	0.	0.		100.	.24	0.	.00
500	2361	2	0.	0.	0.	36.	11.	13 53.	0.	0.	0.	0.	0.		100.	1.13	0.	.00
500	2362	2	0.	0.	0.	55.	5.	16 40.	0.	0.	0.	0.	0.		100.	.68	0.	.00
500	2363	2	1.	0.	0.	67.	5.	15 26.	0.	0.	0.	0.	0.		98.	.35	0.	.00
500	2364	2	0.	0.	0.	59.	0.	41.	0.	0.	0.	0.	0.		100.	.70	0.	.00
500	2365	2	1.	0.	0.	46.	10.	10 43.	0.	0.	0.	0.	0.		99.	.76	0.	.00
500	2366	2	0.	0.	0.	76.	0.	24.	0.	0.	0.	0.	0.		100.	.32	0.	.00
500	2367	2	0.	0.	0.	44.	8.	10 47.	0.	0.	0.	0.	0.		100.	.90	0.	.00
500	2368	2	0.	0.	0.	59.	0.	41.	0.	0.	0.	0.	0.		100.	.69	0.	.00
500	2369	2	0.	0.	0.	55.	0.	45.	0.	0.	0.	0.	0.		100.	.83	0.	.00
500	2370	3	0.	0.	0.	60.	25.	10 15.	0.	0.	0.	0.	0.		100.	.18	0.	.00
500	2371	3	0.	0.	0.	58.	0.	42.	0.	0.	0.	0.	0.		100.	.71	0.	.00
500	2372	2	0.	0.	0.	60.	30.	10 10.	0.	0.	0.	0.	0.		100.	.11	0.	.00
500	2373	2	0.	0.	0.	64.	23.	11 13.	0.	0.	0.	0.	0.		100.	.15	0.	.00
500	2374	2	0.	0.	0.	57.	17.	8 26.	0.	0.	0.	0.	0.		100.	.36	0.	.00
500	2375	2	0.	0.	0.	64.	0.	36.	0.	0.	0.	0.	0.		100.	.56	0.	.00
500	2376	2	0.	0.	0.	59.	18.	9 22.	0.	0.	0.	0.	0.		99.	.29	0.	.00
500	2377	2	0.	0.	0.	64.	17.	10 20.	0.	0.	0.	0.	0.		101.	.25	0.	.00
500	2378	2	0.	0.	0.	66.	10.	10 24.	0.	0.	0.	0.	0.		100.	.32	0.	.00
500	2379	2	0.	0.	0.	63.	0.	37.	0.	0.	0.	0.	0.		100.	.60	0.	.00
500	2380	2	0.	0.	0.	77.	0.	24.	0.	0.	0.	0.	0.		101.	.31	0.	.00
500	2381	2	0.	0.	0.	68.	16.	11 16.	0.	0.	0.	0.	0.		100.	.19	0.	.00
500	2382	2	0.	0.	0.	52.	23.	10 24.	0.	0.	0.	0.	0.		100.	.32	0.	.00
500	2383	2	1.	0.	0.	61.	10.	10 28.	0.	0.	0.	0.	0.		85.	.39	0.	.00
500	2384	2	0.	0.	0.	70.	18.	10 12.	0.	0.	0.	0.	0.		100.	.14	0.	.00
500	2385	2	1.	0.	0.	72.	13.	10 13.	0.	0.	0.	0.	0.		99.	.16	0.	.00
500	2386	2	0.	0.	0.	52.	14.	8 34.	0.	0.	0.	0.	0.		99.	.52	0.	.00
500	2389	2	0.	0.	0.	29.	11.	12 60.	0.	0.	0.	0.	0.		100.	1.49	0.	.00
500	2392	2	0.	0.	0.	43.	31.	26.	0.	0.	0.	0.	0.		100.	.35	0.	.00
500	2393	2	0.	3.	0.	31.	21.	13 45.	0.	0.	0.	0.	0.		97.	.86	3.	00.00
500	2394	2	0.	0.	0.	31.	31.	13 38.	0.	0.	0.	0.	0.	*	100.	.61	0.	.00
500	2395	2	0.	0.	0.	31.	20.	13 48.	0.	0.	0.	0.	0.		99.	.94	0.	.00
500	2396	2	1.	0.	0.	55.	11.	13 33.	0.	0.	0.	0.	0.		99.	.49	0.	.00
500	2397	2	2.	0.	0.	55.	13.	10 30.	0.	0.	0.	0.	0.		98.	.44	0.	.00
500	2400	2	89.	4.	4.	0.	0.	0.	0.	2.	0.	0.	0.		0.		8.	.09
500	2401	2	91.	3.	4.	1.	1.	12 0.	0.	0.	0.	0.	0.		2.	.00	7.	.08
500	2402	2	77.	5.	5.	4.	1.	10 9.	0.	0.	0.	0.	0.		14.	1.80	10.	.13
500	2403	3	87.	5.	0.	2.	0.	5 6.	0.	0.	0.	0.	0.		8.	3.00	5.	.06
500	2404	2	81.	0.	0.	0.	7.	3 12.	0.	0.	0.	0.	0.		19.	1.71	0.	.00
500	2405	3	86.	5.	3.	1.	1.	8 1.	0.	0.	0.	0.	0.		3.	.50	8.	.09
500	2406	3	71.	10.	9.	2.	0.	6.	0.	0.	0.	0.	0.		8.	3.00	19.	.28
500	2407	2	77.	0.	2.	2.	0.	12.	6.	0.	0.	0.	0.		14.	6.00	2.	.03
500	2408	2	92.	0.	0.	1.	0.	7.	0.	0.	0.	0.	0.		8.	7.00	0.	.00
500	2409	2	66.	0.	0.	9.	0.	25.	0.	0.	0.	0.	0.		34.	2.78	0.	.00
500	2410	2	67.	0.	0.	8.	0.	26.	0.	0.	0.	0.	0.		34.	3.25	0.	.00
500	2411	3	46.	0.	2.	15.	13.	3 16.	6.	0.	0.	0.	0.		44.	.57	2.	.04
500	2412	2	55.	0.	0.	9.	15.	13 22.	0.	0.	0.	0.	0.		46.	.92	0.	.00
500	2413	3	3.	0.	0.	47.	5.	11 45.	0.	0.	0.	0.	0.		97.	.87	0.	.00
500	2414	2	3.	0.	0.	71.	0.	24.	0.	0.	0.	0.	0.		96.	.34	0.	.00
500	2415	3	23.	0.	0.	42.	0.	32.	5.	0.	0.	0.	0.		94.	.76	0.	.00
500	2416	3	47.	0.	0.	8.	12.	15 33.	0.	0.	0.	0.	0.		53.	1.65	0.	.00
500	2417	2	51.	0.	0.	5.	5.	12 39.	0.	0.	0.	0.	0.		49.	3.90	0.	.00
500	2418	2	66.	4.	0.	5.	2.	12 22.	0.	0.	0.	0.	0.		29.	3.14	4.	.06
500	2419	2	82.	0.	0.	5.	0.	13.	0.	0.	0.	0.	0.		18.	2.60	0.	.00
500	2420	2	84.	0.	0.	4.	0.	9.	0.	0.	0.	2.	0.		13.	2.25	0.	.00
500	2421	2	57.	0.	0.	8.	0.	35.	0.	0.	0.	0.	0.		43.	4.38	0.	.00
500	2422	3	77.	0.	6.	1.	0.	11.	0.	1.	0.	4.	0.		12.	.09	6.	.08
500	2423	3	95.	0.	0.	1.	2.	4 3.	0.	0.	0.	0.	0.		6.	1.00	0.	.00
500	2424	2	96.	2.	0.	2.	0.	0.	0.	0.	0.	0.	0.		2.	.00	2.	.02
500	2425	3	87.	5.	5.	1.	0.	2.	0.	0.	0.	0.	0.		3.	2.00	10.	.12
500	2426	2	47.	3.	0.	18.	0.	29.	0.	0.	0.	2.	0.		47.	1.61	3.	.06
500	2427	2	82.	0.	0.	7.	1.	13 9.	0.	0.	0.	0.	0.		17.	1.12	0.	.00
500	2428	3	71.	0.	0.	18.	0.	0.	0.	0.	0.	0.	10.		18.	.00	0.	.00
500	2429	2	90.	3.	3.	4.	0.	0.	0.	0.	0.	0.	0.		4.	.00	6.	.07

X-RAY DIFFRACTION ANALYSES

CODE #	STATION #		QUARTZ	PLAG FSPR	K FSPR	CALC	MG CALC	ARAG	LR SLCT	HRNBL	PYRT	APAT	DOLMT	OTHER	$CaCO_3$	ARAG/CAL	FELDSP	FEL/QTZ
500	2430	2	31.	5.	5.	21.	4.	12 34.	0.	0.	0.	0.	0.		59.	1.32	10.	.33
500	2431	3	21.	5.	4.	14.	8.	13 47.	0.	0.	0.	0.	0.		69.	2.14	9.	3.43
500	2432	2	22.	0.	0.	14.	15.	15 49.	0.	0.	0.	0.	0.		79.	1.66	0.	.00
500	2433	2	35.	2.	0.	12.	11.	16 40.	0.	0.	0.	0.	0.		64.	1.74	2.	.06
500	2434	2	4.	0.	0.	13.	23.	12 59.	0.	0.	0.	0.	0.		96.	1.61	0.	.00
500	2435	2	46.	0.	0.	13.	6.	10 36.	0.	0.	0.	0.	0.		55.	1.89	0.	.00
500	2436	2	9.	0.	0.	23.	20.	13 47.	0.	0.	0.	0.	0.		90.	1.10	0.	.00
500	2437	2	0.	0.	0.	56.	0.	44.	0.	0.	0.	0.	0.		100.	.78	0.	.00
500	2438	2	0.	0.	0.	0.	39.	3 14.	0.	0.	0.	48.	0.		53.	.36	0.	.00
500	2439	2	2.	0.	0.	58.	0.	40.	0.	0.	0.	0.	0.		98.	.69	0.	.00
500	2440	2	0.	0.	0.	62.	0.	38.	0.	0.	0.	0.	0.		100.	.61	0.	.00
500	2441	2	0.	0.	0.	0.	62.	3 38.	0.	0.	0.	0.	0.		100.	.62	0.	.00
500	2442	2	0.	0.	0.	27.	24.	11 49.	0.	0.	0.	0.	0.		101.	.96	0.	.00
500	2443	2	0.	0.	0.	21.	14.	13 63.	0.	0.	0.	0.	0.	*	98.	1.79	0.	.00
500	2444	2	0.	0.	0.	23.	15.	14 62.	0.	0.	0.	0.	0.		100.	1.64	0.	.00
500	2445	2	0.	0.	0.	27.	38.	14 36.	0.	0.	0.	0.	0.		100.	.56	0.	.00
500	2446	2	1.	0.	0.	34.	12.	9 53.	0.	0.	0.	0.	0.		99.	1.14	0.	.00
500	2447	2	0.	0.	0.	30.	41.	13 30.	0.	0.	0.	0.	0.		101.	.43	0.	.00
500	2448	2	0.	0.	0.	40.	37.	12 22.	0.	0.	0.	0.	0.		100.	.29	0.	.00
500	2449	2	4.	0.	0.	46.	0.	51.	0.	0.	0.	0.	0.		97.	1.09	0.	.00
500	2450	2	6.	0.	0.	38.	5.	12 51.	0.	0.	0.	0.	0.		95.	1.17	0.	.00
500	2451	2	6.	0.	0.	35.	6.	10 53.	0.	0.	0.	0.	0.		94.	1.28	0.	.00
500	2452	2	1.	0.	0.	39.	5.	11 55.	0.	0.	0.	0.	0.		99.	1.24	0.	.00
500	2453	2	0.	0.	0.	9.	32.	13 58.	0.	0.	0.	0.	0.		99.	1.39	0.	.00
500	2454	2	0.	0.	1.	0.	37.	13 63.	0.	0.	0.	0.	0.		100.	1.69	1.	00.00
500	2455	2	0.	0.	0.	12.	26.	13 61.	0.	0.	0.	0.	0.		99.	1.58	0.	.00
500	2456	2	0.	0.	0.	61.	0.	40.	0.	0.	0.	0.	0.		101.	.66	0.	.00
500	2457	2	1.	0.	0.	35.	6.	13 56.	0.	0.	0.	0.	0.		98.	1.33	0.	.00
500	2458	3	0.	0.	0.	67.	0.	33.	0.	0.	0.	0.	0.		100.	.49	0.	.00
500	2459	2	0.	0.	0.	75.	0.	25.	0.	0.	0.	0.	0.		100.	.33	0.	.00
500	2460	2	0.	0.	0.	39.	8.	8 53.	0.	0.	0.	0.	0.		100.	1.13	0.	.00
500	2461	2	5.	0.	0.	54.	0.	41.	0.	0.	0.	0.	0.	*	95.	.77	0.	.00
500	2462	2	6.	0.	0.	33.	8.	13 54.	0.	0.	0.	0.	0.		95.	1.32	0.	.00
500	2464	2	4.	0.	0.	59.	0.	37.	0.	0.	0.	0.	0.		96.	.63	0.	.00
500	2465	2	0.	0.	0.	68.	0.	32.	0.	0.	0.	0.	0.		100.	.48	0.	.00
500	2466	2	0.	0.	0.	53.	0.	47.	0.	0.	0.	0.	0.		100.	.89	0.	.00
500	2467	2	0.	0.	0.	81.	0.	19.	0.	0.	0.	0.	0.		100.	.23	0.	.00
500	2468	2	3.	0.	0.	37.	5.	13 54.	0.	0.	0.	0.	0.		97.	1.27	0.	.00
500	2469	2	6.	0.	0.	53.	0.	42.	0.	0.	0.	0.	0.		96.	.79	0.	.00
500	2470	2	0.	4.	0.	56.	0.	37.	0.	0.	3.	0.	0.		93.	.65	4.	00.00
500	2471	2	3.	3.	0.	31.	11.	9 49.	0.	0.	0.	0.	1.		92.	1.15	3.	1.00
500	2472	2	0.	0.	0.	60.	0.	40.	0.	0.	0.	0.	0.		100.	.67	0.	.00
500	2473	2	0.	0.	0.	61.	22.	9 18.	0.	0.	0.	0.	0.		100.	.21	0.	.00
500	2474 A	2	3.	0.	0.	33.	9.	11 53.	0.	0.	0.	0.	0.		96.	1.24	0.	.00
500	2474 B	2	2.	0.	0.	0.	19.	6 80.	0.	0.	0.	0.	0.		99.	4.11	0.	.00
500	2475	2	3.	0.	0.	25.	0.	72.	0.	0.	0.	0.	0.		97.	2.84	0.	.00
500	2476	2	0.	0.	0.	52.	31.	10 18.	0.	0.	0.	0.	0.		100.	.21	0.	.00
500	2478	2	1.	0.	0.	78.	0.	21.	0.	0.	0.	0.	0.		99.	.26	0.	.00
500	2479	2	0.	0.	0.	24.	14.	8 61.	0.	0.	0.	0.	0.		100.	1.58	0.	.00

Other minerals or comments (as indicated by * in position 87 of code line 500)

Station #

1369 B	Dolomite?	
1480	Hematite	1%
1493	Gibbsite?	<1%
1500	Gibbsite	1%
1515	Gibbsite	1%
1545 A	Gibbsite	1%
1559	Goethite	1%
1567	Gypsum?	<1%
1571	Goethite	1%
1576	of the 61% Mg-calcite shown, 33% contains 3 mol % $MgCO_3$, and 28% contains 15 mol %	
1583 A	of the 75% Mg-calcite shown, 28% contains 4 mol % $MgCO_3$, and 47% contains 22 mol %	
1597 B	Hematite	1%
1598	Disordered cristabalite?	3%
1631	Gypsum?	1%
1674	Gypsum?	<1%
1683	Gibbsite	2%
1700	Disordered cristobalite?	3%
1732	Hematite	2%
1770	Gypsum?	1%
1799	Palygorskite?	4%
1800	Palygorskite?	3%
1804	Goethite?	<1%
1811	Goethite?	1%
1827 A	Hematite	1%
1849	Gibbsite	1%
1862	Dolomite?	
1881	Palygorskite?	<1%
1978	Palygorskite?	2%
1979	Palygorskite?	1%
1980	Palygorskite?	3%
1986	Palygorskite?	1%
1994	Gibbsite	1%
2031	Gibbsite?	<1%
2034	Gibbsite	2%
2040 B	Gibbsite	1%
2057	Gibbsite	1%
2073	Palygorskite?	2%
2074 B	Gibbsite	2%
2087	Amorphous material	23%
2107	Gibbsite	2%
2222	Gibbsite	7%
2226	Gibbsite	9%
2228	Gibbsite	4%
2244	Gibbsite	7%

MCG06995002

Station #		
2250	Gibbsite	1%
2268	Gibbsite	<1%
[illegible]	Gibbsite	2%
	[illegible]	[illegible]

Code Line 505 Minerals in clay fraction

This line contains estimates of the amounts of minerals in the clay fraction (less than 2 mm) of selected samples. The fractions were obtained by repeated centrifuging of suspensions of each sample for periods of time calculated to remove particles greater than 2 μm (Hathaway, 1956). The resulting clay suspensions were drawn by vacuum as oriented aggregates on ceramic tiles or silver membrane filters and analyzed by x-ray diffractometer. Some samples were treated with 1:4 acetic acid to remove calcium carbonate. These samples are indicated by "H+" following the station number. X-ray diffractometer patterns were made after air drying, after ethylene glycol treatment and after heating to 400°C and 550°C respectively. Visual estimates of the relative amounts of the various minerals present are listed to the nearest 10 percent.

Acknowledgements

The analyses were made by John C. Hathaway, with the assistance of Richard A. Tagg, Peter F. McFarlin, Charlsa Head, and Judy M. Aydelette.

Explanation of headings

CODE #	505 denotes mineralogy of the clay fraction.
STATION #	As described under line 100 above. H+ in columns 14 and 15 indicate residues from acetic acid treatment.

Amounts of each mineral are given to the nearest 10 percent or as TR if less than 10 percent.

MNT	Montmorillonite
CHL	Chlorite
DVM	Dioctahedral vermiculite
M-I	Mixed layered montmorillonite-illite (In a few samples vermiculite-illite)
M-C	Mixed layered montmorillonite (or vermiculite) - chlorite
ILL	Illite
KAO	Kaolinite
GIB	Gibbsite
QTZ	Quartz
FLD	Feldspar
CAL	Calcite
ARAG	Aragonite
HBL	Hornblende or other amphibole

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APT	Apatite
DOL	Dolomite
OTHER	Other minerals or comments

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
505	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Acid treatment	14-15	A	2
	Montmorillonite	22-24	A	3
	Chlorite	27-29	A	3
	Dioct. vermiculite	32-34	A	3
	Mixed layered Mont.-Illite	37-39	A	3
	Mixed layered Mont.-chlorite	42-44	A	3
	Illite	47-49	A	3
	Kaolinite	52-54	A	3
	Gibbsite	57-59	A	3
	Quartz	62-64	A	3
	Feldspar	67-69	A	3
	Calcite	72-74	A	3
	Mg-calcite	77-79	A	3
	Aragonite	82-84	A	3
	Hornblende	87-89	A	3
	Apatite	92-94	A	3
	Dolomite	97-99	A	3
	Other	102-120	A	19

CODE #	STATION #	MINERALS IN CLAY FRACTION IN PERCENT															
		MNT	CHL	DVM	M-I	M-C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	OBL	OTHER
505	E008	TR	10				40	20		TR	TR	20			TR			
505	E009	TR	10				40	TR		TR	TR	50						
505	H002		10	60			20	TR										
505	H003		50	20			30											
505	H004		50	10			40											
505	H005		30	20			50	10										
505	H006		50	TR			50											
505	H008		40	TR			50	TR										
505	H009		20	60			20											
505	H010		50				50											
505	H011		30	50			20											
505	H012		30	40			30											
505	H014		30	10			60											
505	H015		TR			30	70											
505	H016		30				70											
505	H017		30				70	TR										
505	H018		40				60											
505	H019		TR	20			50	30										
505	H020		10		10		80											
505	H021		20		10		70											
505	H022		10	10	10		70	TR										
505	H023		10	40			50											
505	H024			100														
505	H025			100														
505	H026			80			20											
505	H027	TR					20											VERMIC. 80, TALC TR
505	H028	TR	TR	30	TR	20	40	10										
505	H029		TR	30	TR	20	40											
505	H030		TR	20	10	20	40	10										
505	H031		TR	40	10	20	30	TR										
505	H032		TR	20	TR	10	40	10										
505	H033		TR	30	10	TR	30	30										
505	H034			30	10		20	40										
505	H035	TR		30	10		20	40										
505	H036	20		20	10		TR	50										
505	H037	10		30	TR		10	50										
505	H038	TR	TR	30			10	50										
505	H039	TR	TR	30	10		10	50										
505	H040	30		20	10		20	20										
505	H041			20	10		TR	60										
505	H042			20	10		TR	70										
505	H043	20		10	TR		TR	70										
505	H044	20		20	TR		TR	60										
505	H045	TR		30	10		TR	60										
505	H046	10		30	TR		TR	60										
505	H047	TR		30	TR		TR	70										
505	H049			30	TR		TR	70										
505	H050			30	TR		TR	70										
505	H051	TR		20	TR			70										
505	H052	TR		20	TR		TR	80										
505	H053			20	TR		TR	80										
505	H054	TR		20	TR		10	60										
505	H055	TR		TR				90										
505	H056	10		10	TR		TR	70										
505	H057	10		10			TR	80										
505	H059	20		30				50										
505	H061	30		20				50										
505	H146		TR	20			40	40										
505	H147A	30	TR				30	40										
505	H147B	30	TR				30	40										
505	H147C	10	TR	10			40	30										
505	H147D						50	50										
505	H148	10	TR	10			50	30										
505	H149	TR	10	20			30	40										
505	H150		20		10		40	30										
505	H151		40			TR	50											
505	H152		40			TR	50											
505	H153		40			TR	50											
505	H154		20		10	TR	60											
505	H155		TR		30		70											
505	H156	20	TR		30			50										
505	H157	30	TR				30	40										
505	H158		30				60											
505	H159		20	10	10		60	TR										
505	H160		30	10			60	TR										
505	H161	TR	TR	20			60	10										
505	M001A	TR	30				60	TR										
505	M003A	TR	20				60	TR		TR	TR							
505	M005A	TR	20				60	TR		TR	TR							
505	M008A	TR	30				60	TR		TR	TR							
505	M011A	TR	30				60	TR		TR	TR							
505	M014B	TR	30				60	TR		TR	TR							
505	M017A	TR	30				60	TR		TR	TR							
505	M020A	TR	30				60	TR		TR	TR							
505	M023A	TR	30				60	TR		TR	TR							
505	M024A	TR	30				60	TR		TR	TR							
505	M025A	TR	30				60	TR		TR	TR							
505	M026A	TR	30				60	TR		TR	TR							
505	M027A	TR	30				60	TR		TR	TR							
505	M030A	TR	30				60	TR		TR	TR							

CODE #	STATION #		MINERALS IN CLAY FRACTION IN PERCENT															
			MNT	CHL	DVM	M•I	M•C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	DOL	OTHER
505	M033A		TR	30				60	TR		TR	TR							
505	M037A		TR	30				60	TR		TR	TR							
505	M040A		TR	30				60	TR		TR	TR							
505	M041A		TR	30				60	TR		TR	TR							
505	M043A		TR	30				60	TR		TR	TR	TR						
505	M046A		TR	30				60	TR		TR	TR				TR			
505	M049A		TR	20				60	10		TR	TR							
505	M053A		TR	30				60	TR		TR	TR							
505	M055A		TR	30				60	TR		TR	TR							
505	M061A		TR	30				60	TR		TR	TR							
505	M064A		TR	30				60	TR		TR	TR							
505	M069A		TR	30				60	TR		TR	TR				TR			
505	M071A		TR	30				60	TR		TR	TR				TR			
505	M072A		TR	30				60	TR		TR	TR							
505	M082A		TR	30				60	TR		TR	TR							
505	M083A		TR	30				60	TR		TR	TR							
505	M088A		TR	30				60	TR		TR	TR							
505	M089A		TR	30				60	TR		TR	TR							
505	M094A		TR	30				60	TR		TR	TR							
505	M099C		TR	30				60	TR		TR	TR							
505	M109		TR	30				60	TR		TR	TR							
505	M116		TR	30				60	TR		TR	TR							
505	N006A		TR	20				60	20		TR	TR	TR						
505	N009A		TR	30				60	TR		TR	TR	TR						
505	N010A		TR	30				60	TR		TR	TR	10						
505	N012A		TR	20				60	10		TR	TR							
505	N024A		TR	20				60	10		TR	TR							
505	N026A		TR	20				60	10		TR	TR							
505	N031A		TR	20				60	10		TR	TR				TR			
505	N039A		TR	20				60	10		TR	TR	10						
505	N043A		TR	20				60	10		TR	TR				TR			
505	N049A		TR	20				60	10		TR	TR							
505	N055A		TR	20				60	10		TR	TR	20						
505	N057A		TR	20				60	10		TR	TR							
505	N058A		TR	20				60	10		TR	TR							
505	N060A		TR	20				60	10		TR	TR							
505	N064A		TR	20				60	20		TR	TR							
505	P013		TR	10				50	10				30						
505	P017		TR	10				40	TR				50			TR			
505	P017	H+	TR	30				50	20		TR	TR							
505	P022		TR	TR				40	10				50			TR			
505	P022	H+	TR	30				50	10		TR	TR							
505	S003		TR	30				60	TR		TR	TR							
505	S007		TR	30				60	TR		TR	TR							
505	S012		TR	30				60	TR		TR	TR							
505	S017		TR	30				60	10		TR	TR							
505	S024		TR	30				60	TR		TR	TR							
505	S026		TR	30				60	10		TR	TR							
505	S030		TR	30				60	TR		TR	TR				TR			
505	S032		TR	30				60	TR		TR	TR							
505	S034		TR	30				60	TR		TR	TR							
505	S074		TR	30				60	TR		TR	TR							
505	S125		TR	30				60	TR		TR	TR				TR			
505	S136		TR	30				60	TR		TR	TR							
505	S142		TR	30				60	TR		TR	TR							
505	S144		TR	30				60	TR		TR	TR							
505	S146		TR	30				60	TR		TR	TR							
505	S150		TR	30				60	TR		TR	TR							
505	W013		TR	30				60	TR		TR	TR							
505	W060		20	20				50	10		TR	TR							

CODE #	STATION #		MINERALS IN CLAY FRACTION IN PERCENT															
			MNT	CHL	DVM	M•I	M•C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	DOL	OTHER
505	1011		TR	20				50	20		TR	TR							
505	1016		TR	20				60	10		TR	10				TR			
505	1021		TR	20				60	TR		TR	10							
505	1027		TR	20				60	TR		TR	TR							
505	1029		TR	30				60	TR		TR	TR							
505	1035	A	TR	30				50			10	10				TR			
505	1035	B	TR	30				50			10	10							
505	1039		TR	30				60	TR		TR	TR							
505	1041		TR	30				60	TR		TR	TR							
505	1045		TR	30				60	10		TR	TR				TR			
505	1047	A	TR	20				60	10		TR	TR							
505	1053		TR	20				60	20		TR	TR							
505	1054		TR	20				60	20		TR	TR							
505	1067		TR	30				60	10		TR	TR							
505	1075		TR	20				60	10		TR	TR							
505	1079		TR	20				60	10		TR	TR	10						
505	1167		TR	30				60	TR		TR	TR							
505	1169		TR	30				60	TR		TR	TR							
505	1171		TR	30				60	TR		TR	TR							
505	1177		TR	30				60	TR		TR	TR							
505	1179		TR	30				60	TR		TR	TR							
505	1185		TR	30				60	TR		TR	TR							
505	1194		TR	20				60	TR		10	TR							
505	1205		TR	20				60	TR		10	TR							
505	1207		TR	30				60	TR		TR	TR							
505	1210		TR	30				60	TR		TR	TR							
505	1227		TR	20				60	10		TR	TR							
505	1232		TR	20		TR		70	TR		TR	TR	TR						
505	1235			20		TR		70	TR		TR	TR							
505	1249		TR	20				50	TR		TR	TR	20			TR			
505	1265		TR	30				60	10		TR	TR				TR			
505	1277		TR	20				50	10		TR	TR	10			TR			
505	1282		TR	30				60	10		TR	TR							
505	1294		TR	30				60	10		TR	TR							
505	1305		TR	30				60	10		TR	TR							
505	1324		TR	20				50	TR		TR	TR	10						
505	1332		TR	20				50	10		TR	TR	20			TR			
505	1332	H•	10	20		TR		60	10		TR	TR				TR			
505	1358		TR	20		TR		70	TR		TR	TR	TR						
505	1383		TR	20				60	10		TR	TR				TR			
505	1516		40			TR		TR	50	TR		TR	TR		TR				
505	1516	H•	50	TR	TR			TR	50	TR	TR	TR							
505	1519		40					TR	50	TR		TR	TR		TR				
505	1561		TR										20	20	60				
505	1567												10	30	60				
505	1569												10	30	60				
505	1571												10	30	60				
505	1573												10	30	60				
505	1575												10	30	60				
505	1576		TR						20				10	20	50				
505	1580	A	TR						10		TR		40	10	40				
505	1586	A	TR					TR	TR				30	20	40				
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505	1595		TR					TR	TR		TR		30	20	50				
505	1597	A	TR					TR	TR		TR		20	20	50				
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505	1608		TR					TR	TR		TR		10	20	60				
505	1614		TR					TR	10				10	20	50				
505	1618		TR					TR	10		TR		20	20	50				
505	1618	H•	60	TR				TR	40			TR				TR			
505	1622		10					TR	20				20	10	40				
505	1623		10					TR	20		TR		20	10	30				
505	1625		20					TR	30		TR	TR	10	10	20				
505	1627		20					TR	30		TR		TR	TR	10				
505	1628		TR					TR	TR	TR			30	20	50				
505	1628	H•	60	TR				TR	40		TR								
505	1630		TR					TR	10		TR		30	20	40				
505	1631		TR					TR	TR		TR		30	20	50				
505	1632		10					TR	10		TR		20	20	40				
505	1633		TR					TR	20	TR	TR		20	20	30				
505	1633	H•	50	TR				TR	40		10	TR							
505	1634		10					TR	30		TR		20	10	30				
505	1636		20					TR	30		TR		10	10	20				
505	1638		10					TR	30		TR		10	10	20				
505	1643		TR					TR	20		TR		20	20	30				
505	1645		TR					TR	10		TR		20	20	50				
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505	1658		10					TR	20	TR	TR		20	10	30				
505	1658	H•	50					10	40			TR							
505	1721		20					TR	30		TR		20	10	20				
505	1722		20					TR	30	TR	TR		20	10	20				
505	1722	H•	50	TR				TR	40		TR					TR			
505	1723		10					TR	20		TR		20	20	30				
505	1724		20					TR	30		TR	TR	20	10	20				
505	1725		20					TR	30		TR		20	10	20				
505	1726		10					TR	20	TR	TR		20	20	30				
505	1726	H•	50	TR				10	40										
505	1728		10					TR	20		TR		20	20	30				
505	1730	A	30					TR	30		TR	TR	10	10	10				
505	1731		20					TR	20		TR	TR	20	20	20				

CODE	STATION #		MINERALS IN CLAY FRACTION IN PERCENT															
			MNT	CHL	DVM	M-I	M-C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	DOL	OTHER
505	1731	H+	50	TR				10	40		TR								
505	1735		10					TR	10		TR		20				60		
505	1736		40					TR	40				10	10	TR				
505	1736	H+	40		20			TR	40										
505	1750		30					TR	40	TR	TR		10	10	10				
505	1753		20					TR	30		TR		20	10	20				
505	1753	H+	40		20			TR	40										
505	1762		20					TR	30		TR	TR	20	10	20				
505	1763		TR					TR	30		TR		20	20	20				
505	1764		TR					TR	20		TR		20	20	30				
505	1771		TR					TR	20		TR		20	20	30				
505	1773		10					TR	20		TR		20	10	30				
505	1773	H+	50					TR	40										
505	1811		20					TR	20		TR	TR	30	10	20				
505	1811	H+	60	TR				TR	40										
505	1827	A	20					TR	20		TR		20	20	20				
505	1828		20					TR	30		TR		20	10	20				
505	1830	A	20					10	20		TR		20	10	20				
505	1834		10					10	20	TR	TR		20	10	20				
505	1834	H+	40	TR				10	50										
505	1836		30					TR	20		TR		20	20	10				
505	1853		10					10	20		TR	TR	20	10	30				
505	1853	H+	40	TR				10	50										
505	1854		30					TR	20		TR	TR	20	10	20				
505	1862		TR	TR				30	20		TR		20	10	20				
505	1867		TR	20				50	10		10	TR	10	TR	TR				
505	1869		TR	30		TR		60	TR		10	TR	TR						
505	1881		TR	30		TR		60	TR		10	TR	TR						
505	1893		TR	20		TR		40			TR	TR	TR					40	
505	1897		TR	30				60	TR		TR	TR				TR			
505	1898			20				70	TR		TR	10				TR			
505	1899		TR	30				60	TR		TR	10				TR			
505	1902		TR	30				60	TR		TR	TR							
505	1903		TR	30				60	TR		TR	TR							
505	1905		TR	30				60	TR		TR	TR							
505	1906		TR	30				60	TR		TR	TR				TR			
505	1907		TR	30				60	TR		TR	TR							
505	1911		TR	30				60	TR		10	TR							
505	1913		TR	30				60	TR		TR	TR							
505	1915			20				50	20		TR	TR				TR			
505	1919		TR	30				60	TR		TR	TR							
505	1920		TR	30				60	TR		TR	TR				TR			
505	1925		TR	30				60	TR		TR	TR				TR			
505	1927		TR	30				60	10		TR	TR				TR			
505	1928		TR	30				60	TR		TR	TR				TR			
505	1934		TR	20		TR		60	10		TR	10				TR			
505	1944		TR	20				60	10		TR	TR							
505	1948		TR	20		TR		60	10		TR	TR							
505	1950			20		TR		60	10		TR	TR							
505	1954		TR	20		TR		60	10		TR	TR				TR			
505	1966		TR	30		TR		60			TR	10							
505	1967		TR	30			TR	60	TR		TR	TR				TR			
505	1968		TR	30			TR	60	TR		TR	10				TR			
505	1969		TR	30			TR	60	TR		TR	TR				TR			
505	1970		TR	30			TR	60	TR		TR	TR				TR			
505	1972		TR	30			TR	60	TR		TR	10				TR			
505	1973	B	TR	20			10	50	10		TR	TR				TR			
505	1975			10	TR		10	50	20		TR								
505	1977			10	TR		TR	50	20		TR								
505	1979		TR	10	TR		TR	50	20		10	TR				TR			
505	1981		TR	20		TR		60	10		TR								
505	1983		TR	20	TR	TR		60	10		TR	TR							
505	1984		TR	20	TR	TR	TR	60	10		TR	TR							
505	1985		TR	20		10	TR	50	10		10	TR							
505	1987		TR	20	TR		TR	60	10		TR	TR				TR			
505	1988		TR	30		TR	TR	60	TR							TR			
505	1989		TR	20		TR	TR	60	10		TR	TR				TR			
505	1991		TR	30			TR	60	TR		TR	10				TR			
505	1992		TR	30	TR	TR	TR	60	TR		TR	TR				TR			
505	1994		TR	30			10	50	10		TR	TR				TR			
505	1995		TR	30	TR		TR	60	TR		TR	TR				TR			
505	2001		TR	30			TR	60	TR		TR	10				TR			
505	2004		TR	30			TR	60	TR		TR	10				TR			
505	2070		TR	20	TR			50	10		TR	10	10						
505	2071		TR	20	TR			50	10		TR	10	10						
505	2073		TR	10				40	20		TR	10	20						
505	2075		TR	20				50	20		TR	TR	10						
505	2075	H+	TR	20		TR		60	10		TR	TR				TR			
505	2077		TR	30	TR		TR	60	10		TR	TR	10						
505	2082		TR	20				40	TR		TR	10	10			TR		10	
505	2083		TR	20				50	TR		TR	TR	10			TR		TR	
505	2085		TR	20			TR	50	10		TR	TR	10						
505	2087		TR	10				40	20		TR	TR	20						
505	2087	H+	10	20		TR		60	10		TR	TR				TR			
505	2089		TR	20	TR		TR	50	10		TR	TR	10						
505	2091		TR	20			TR	50	10		TR	10	10			TR			
505	2093		TR	20		TR	TR	50	20		TR	TR	10					TR	
505	2096		TR	20	TR	TR	TR	50	10		TR	TR	20			TR			
505	2096	H+	10	20		TR		60	10		TR	TR				TR			
505	2099		TR	20		TR	TR	60	10		TR	TR	10			TR			

CODE #	STATION #		MINERALS IN CLAY FRACTION IN PERCENT															
			MNT	CHL	DVM	M-I	M-C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	DOL	OTHER
505	2102	A	TR	20				60	20		TR	TR	TR						
505	2108		TR	20			TR	50	20		TR	TR	10			TR			
505	2111		TR	10		TR	TR	40	20		TR	TR	20			TR			
505	2112		TR	20				60	20		TR	TR	TR			TR			
505	2114		TR	20			TR	50	20		TR	TR	10						
505	2115		TR	10	TR		TR	40	20		TR	TR	20			TR			
505	2116		TR	30				50	10		TR	TR	10			TR			
505	2118		TR	20	TR		TR	30	20		TR	TR	20			TR			
505	2119		TR	10	TR		TR	40	20		TR	TR	20			TR			
505	2119	H+	10	20				50	20		TR	TR				TR			
505	2125		10	10		TR		50	20		TR	10	10			TR			
505	2142		TR	20				60	10		TR	TR				TR			
505	2143		TR	10		10		40	20		TR	TR	20			TR			
505	2144		10	10		TR		40	20		TR	TR	20			TR			
505	2155		10	10		TR		40	20		TR	TR	10			TR			
505	2167		20	10				50	20		TR	TR	TR			TR			
505	2181		TR	20				60	10		TR	TR							
505	2186		TR	20				50	10		TR	TR	10			TR			
505	2188		10	10		TR		40	20		TR	TR	20			TR			
505	2193		TR	30				60	10		TR	TR							
505	2194		TR	20				50	10		TR	TR				TR			
505	2195		TR	20				50	10		TR	TR	10						
505	2197		TR	20				50	10		TR	10				TR			
505	2203		TR	20				50	10		TR	TR	20			TR			
505	2212		TR	20				50	10		TR	TR	10						
505	2216		TR	10				70	20			TR				TR			
505	2219		TR	TR	20	TR		30	30		10	TR				TR			
505	2220		TR	TR	30			20	50	TR	TR	TR							
505	2221				20			10	70	TR	TR	TR							
505	2222		TR		20			TR	80	TR	TR								
505	2223				20			TR	80	TR	TR								
505	2224				20			10	70	TR	TR								
505	2225		TR		20			10	70	TR	TR								
505	2226				20			10	60	TR	10								
505	2227	A	TR	10	TR		TR	40	30		10	TR							
505	2228		TR		20			TR	80	TR	TR								
505	2229		TR	10	TR		TR	40	30		TR	TR							
505	2230		TR	TR	10			40	50		TR	TR							
505	2231		TR	TR	10			30	50	TR	TR	TR							
505	2232		TR	10	10			30	50		TR	TR							
505	2233		TR	10	10			30	40	TR	TR	TR							
505	2234		10	TR	20			20	50	TR	TR	TR							
505	2235		TR	10	10			30	40		TR	TR							
505	2236		10	10	20			20	40	TR	TR	TR							
505	2237		10	TR	30			20	40	TR	TR	TR							
505	2238		10	TR	30			20	40	TR	TR	TR							
505	2239		10	TR	30			20	40	TR	TR	TR							
505	2240		TR	TR	20		10	10	50	TR	TR	TR							
505	2241		10	TR	20			20	50	TR	TR	TR							
505	2242		10	TR	20			10	50	TR	TR	TR							
505	2243		10	TR	20			30	40	TR	TR	TR							
505	2244		TR	TR	30			10	50	TR	TR	TR							
505	2245		TR		40			TR	50	TR	TR	TR							
505	2246		TR		30			TR	60	TR	TR								
505	2247		20	TR	30			TR	40	TR	TR								
505	2249		30		20			TR	40		TR		TR					TR	
505	2271		30		30			TR	40	TR	TR	TR							
505	2272		30		20			TR	40	TR	TR	TR							
505	2273	U	40		10			TR	50	TR	TR	TR							
505	2275		50		TR			TR	40		TR								
505	2276		50					TR	50	TR	TR								
505	2277	B	50	TR				TR	50	TR	TR								
505	2286		50		TR			TR	50	TR	TR								
505	2287		40		10			TR	50	TR	TR								
505	2300		30	TR	10			TR	50	10	TR	TR							
505	2301		30		10			TR	60	TR	TR	TR							
505	2302		10		10			TR	70	TR	TR								
505	2303		TR		20			TR	70	10	TR	TR							
505	2336		10					10	20		TR	TR	20	10	30				
505	2337		20					TR	30		TR		20	10	20				
505	2338	A	20					TR	40	TR	TR		10	10	20				
505	2340		10					10	20		TR		20	10	30				
505	2340	H+	30	TR	10			20	40										
505	2342		20					TR	20		TR		20	20	20				
505	2344		20					TR	10	TR	TR		20	20	30				
505	2344	H+	50	TR				10	40										
505	2346		20					TR	20		TR		20	20	20				
505	2347		10					TR	10		TR		30	20	30				
505	2348		10					TR	10		TR		30	20	30				
505	2350		TR					TR	10		TR		30	30	30				
505	2351		TR					TR	10		TR		30	30	30				
505	2352		TR					TR	TR		TR		30	30	30				
505	2356		TR					TR	TR		TR		30	30	30				
505	2357		TR					TR	TR		TR		30	30	40				
505	2361		TR					TR	TR		TR		30	30	40				
505	2362		TR					TR	TR		TR		30	30	40				
505	2363		TR					TR	TR		TR		30	30	40				
505	2364		TR					TR	TR		TR		30	30	40				
505	2364	H+	40	TR				30	40										
505	2365		TR					TR	TR		TR		30	30	40				

CODE #	STATION #		MINERALS IN CLAY FRACTION IN PERCENT MNT	CHL	DVM	M-I	M-C	ILL	KAO	GIB	QTZ	FLD	CAL	MGC	ARG	HBL	APT	DOL	OTHER
505	2367		TR					TR	TR		TR		30	30	40				
505	2368		TR					TR	TR		TR		30	30	40				
505	2369		TR					TR	TR		TR		30	20	50				
505	2370		10					TR	10		TR		20	30	30				
505	2371		10					TR	10		TR		20	30	30				
505	2378		10					TR	10		TR		20	20	30				
505	2435		10						10				20	20	40				
505	2437		10					TR	10		TR		20	20	40				
505	2442		TR						TR				10	20	70				
505	2443		TR					TR	TR		TR		10	20	70				
505	2444												10	10	80				
505	2446								TR				10	20	70				
505	2449		TR						TR				10	20	70				
505	2450		TR					TR	TR				20	20	60				
505	2451		TR					TR	TR				20	20	50				
505	2454												10	30	60				
505	2455												10	20	70				
505	2457		TR					TR	TR				20	20	60				
505	2458		TR					TR	TR				20	30	50				
505	2460		TR					TR	TR				10	20	70				
505	2462		10					TR	10		TR		20	20	40				
505	2469		20					TR	10		TR		20	20	30				
505	2471		20					TR	20		TR		20	10	30				
505	2474	A	10						20		TR		20	20	30				
505	2474	AH+	40	TR				10	40		TR								
505	E5488		TR	30				60	10		TR	TR	TR			TR			
505	E5494		TR	20	TR			50	20		TR	TR	10						
505	E6217		TR	20				50	20		TR	TR	10			TR			
505	E6833		TR	20	TR			40	20		TR	TR	10			TR			
505	E6833	H+	10	20				50	20		TR	TR				TR			
505	E7867		TR	10				50	30		TR	TR	10						

Code Line 560 Heavy mineral analyses

This line contains analyses of the heavy mineral fraction of selected samples from the north sheet, southern Nova Scotia to northern New Jersey. The methods of sample preparation and discussion of the results are given in Ross (1970).

Acknowledgements

The heavy mineral analyses were made by David A. Ross.

Explanation of headings

CODE #	560 denotes analyses of the heavy mineral fraction.
STATION #	As described under line 100 above.
WT % MINERALS	
HEAVY	Percent by weight of heavy minerals in the sand fraction (2mm - 62μm) of the whole sample.
OPAQ	Percent by weight of opaque minerals in the heavy mineral fraction.
ALTD	Percent by weight of altered minerals grains in the heavy mineral fraction.
NON OPAQ	Percent by weight of non-opaque heavy mineral grains. * indicates that less than 100 grains were counted.
Mineral in percent by count	
AM	Amphibole
EP	Epidote
ZO	Zoisite
AU	Augite
HY	Hypersthene
TI	Titanite
TO	Tourmaline
ZI	Zircon
GT	Garnet (Total)
GP	Pink garnet
GO	Orange garnet
ST	Staurolite
KY	Kyanite

AN	Andalusite
SL	Sillimanite
UN	Unknown
SP	Spinel
RU	Rutile
DU	Dumortierite
GL	Glaucophane
MO	Monazite
AP	Apatite
HB	Basaltic hornblende
AG	Aegerite
X	Other minerals:

AE	Aegerine-augite
AN	Anatase
BK	Brookite
BR	Bronzite
CM	Corundum
CH	Chloritoid
CS	Cassiterite
CZ	Clinozoisite
FO	Pyrite filled forams
OV	Olivine
PD	Piedmontite

AX	Percent by count of other minerals

Position of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
560	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Heavy minerals, percent	21-25	F	5	24	1
	Opaque minerals, percent	26-30	F	5	29	1
	Altered minerals, percent	31-35	F	5	34	1
	Non-opaque minerals percent	36-40	F	5	39	1
	* = <100 grains counted	41	A	1		
	Amphiboles	43-44	I	2		
	Epidote	46-47	I	2		
	Zoisite	49-50	I	2		
	Augite	52-53	I	2		
	Hypersthene	55-56	I	2		
	Titanite	58-59	I	2		
	Tourmaline	61-62	I	2		
	Zircon	64-65	I	2		
	Garnet	67-68	I	2		
	Pink garnet	70-71	I	2		
	Orange garnet	73-74	I	2		
	Staurolite	76-77	I	2		
	Kyanite	79-80	I	2		
	Andalusite	82-83	I	2		
	Sillimanite	85-86	I	2		
	Unknown	88-89	I	2		
	Spinel	91-92	I	2		
	Rutile	94-95	I	2		
	Dumortierite	97-98	I	2		
	Glaucophane	100-101	I	2		
	Monazite	103-104	I	2		
	Apatite	106-107	I	2		
	Basaltic hornblende	109-110	I	2		
	Aegerite	112-113	I	2		
	Other (symbol)	115-116	A	2		
	Other (amount)	118-119	I	2		

CODE #	STATION #	WT. % MINERALS HEAVY	OPAQ	ALTD	NON OPAQ	AM	EP	ZO	AU	HY	TI	TO	ZI	GT	GP	GO	ST	KY	AN	SL	UN	SP	RU	DU	GL	MO	AP	HB	AG	X	AX
560	A028		62.3	4.9	32.8	3	2	0	3	0	5	4	18	48	4	12	14	0	1	1	1	0	1	0	0	0	0	0	0		
560	A047		52.6	9.8	37.6	9	5	0	3	3	2	8	10	33	3	11	20	2	5	0	1	0	0	0	0	0	0	0	0		
560	A052	0.3	56.4	2.5	41.1	2	3	0	0	3	5	6	0	50	13	4	19	1	10	1	1	0	0	0	0	0	0	0	0		
560	L027		22.3	5.7	72.0	35	42	4	0	1	0	0	0	1	0	0	2	4	0	11	0	0	0	0	0	0	0	0	0		
560	L032		32.3	8.8	58.9	8	39	4	0	0	0	5	4	1	0	0	8	8	0	20	1	0	3	0	0	0	0	0	0		
560	L095	0.4	70.5	2.7	26.8	10	4	0	11	4	0	14	5	17	0	7	17	8	5	3	2	0	1	0	0	0	0	0	0	CZ	1
560	L104	7.2	45.0	12.0	43.0	3	1	0	3	1	0	3	1	56	13	5	26	1	2	1	1	0	2	0	0	1	0	0	0		
560	L106	0.7	33.5	4.3	62.2	10	3	0	0	0	2	4	0	35	10	4	38	5	3	0	0	0	1	0	0	0	0	0	0		
560	L109	1.5	35.7	13.3	51.0*	24	2	0	2	0	0	8	2	29	4	0	17	11	1	4	1	0	0	0	0	0	0	0	0		
560	M007A	2.4	24.4	50.4	25.2	25	9	0	34	2	3	3	3	9	0	0	3	2	4	1	3	0	0	0	0	0	0	1	0		
560	M011A	3.2	35.6	29.2	35.2	23	8	0	22	11	3	2	2	18	2	0	7	2	1	0	4	0	1	0	0	0	0	0	0		
560	M020A	2.5	22.4	51.2	26.4	37	10	2	31	4	1	2	0	6	0	0	1	5	0	0	1	0	0	0	1	0	1	0	0		
560	M025A	3.6	37.5	34.4	28.1	17	6	2	30	2	6	5	2	16	0	0	2	4	3	4	5	0	1	0	0	0	0	0	0		
560	M031A	1.1	27.2	35.1	37.7	23	4	2	15	2	2	6	1	29	0	0	6	3	2	5	0	0	0	0	1	0	0	0	0		
560	M050A	2.9	23.9	41.5	34.6	31	5	1	38	1	1	4	1	12	0	0	1	1	3	1	0	0	0	0	0	0	0	0	0		
560	M054A	2.6	47.4	33.3	19.3	31	7	0	32	4	0	1	1	14	0	0	1	5	1	0	2	0	2	0	0	0	0	1	0		
560	M059A	2.4	41.9	21.3	36.8	27	4	1	25	4	2	5	0	17	0	0	6	2	1	1	2	0	2	0	0	0	2	0	0	BV	1
560	M065A		21.5	38.1	40.4	40	1	0	14	5	3	1	2	26	2	0	2	1	3	2	3	0	0	0	0	0	0	0	0		
560	M071A	3.6	36.3	36.0	27.7	23	8	1	30	6	0	3	1	22	2	0	3	1	1	0	4	0	1	0	0	0	0	0	0		
560	M074A	1.9	28.8	48.4	22.8	21	5	1	35	1	1	3	3	21	0	0	4	0	3	1	1	0	0	0	0	0	0	1	0		
560	M075A	2.0	38.5	33.8	27.7	7	7	2	32	6	0	4	5	27	1	0	4	2	2	1	2	0	1	0	0	0	0	0	0		
560	M083A	0.9	29.8	42.5	27.7	27	8	1	36	8	2	1	0	12	1	0	2	1	0	0	3	0	0	0	0	0	0	0	0	BK	1
560	M086A	10.4	32.2	35.2	32.6	36	2	2	37	2	2	1	1	8	1	0	2	3	3	0	2	0	0	0	0	0	1	0	0		
560	M093A	7.1	37.9	53.4	8.7*	20	2	0	51	2	2	0	5	11	0	0	5	2	0	0	2	0	0	0	0	0	0	0	0		
560	M094A	2.7	38.4	33.3	28.3	18	9	1	44	1	1	2	1	17	1	0	0	3	3	0	2	0	0	0	0	0	0	0	0		
560	M096A	4.5	31.2	39.4	29.4	11	7	0	36	6	3	2	4	21	0	1	1	7	0	2	4	0	0	0	0	0	0	0	0		
560	M103A	8.3	22.2	67.6	10.2*	26	9	0	43	11	3	3	0	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0		
560	M118A	7.7	52.3	25.9	21.8	48	6	0	20	2	1	3	4	10	1	1	2	0	2	0	0	0	1	0	0	0	0	0	0	BV	1
560	M119A	4.9	27.1	51.6	21.3*	23	6	3	18	2	0	8	1	20	8	0	6	5	3	5	3	0	0	0	0	0	0	0	0		
560	M121A	2.4	27.7	14.5	57.8	25	4	0	18	2	5	11	1	22	0	0	5	0	2	4	3	1	0	0	1	0	0	0	0		
560	N003A		41.0	6.3	52.7	9	1	0	2	1	1	9	8	33	0	1	20	1	10	3	0	0	0	0	1	0	0	0	0		
560	N005A	1.6	37.4	5.2	57.4	22	4	1	3	4	0	7	12	30	0	0	11	1	3	2	2	0	0	0	0	0	0	0	0		
560	N007A	0.9	31.7	6.2	62.1	10	9	3	9	1	0	16	0	21	0	0	15	0	8	8	1	0	0	0	0	1	0	0	0		
560	N013A	2.2	48.9	6.3	44.8	23	2	0	10	3	3	15	2	14	2	0	9	2	12	4	1	0	0	0	1	0	1	0	0		
560	N016A	1.9	35.1	5.4	59.5	11	1	0	9	1	2	12	3	24	4	0	15	1	15	6	1	0	0	0	1	0	0	0	0		
560	N018A		47.0	8.1	44.9	24	12	4	4	1	2	8	8	24	0	0	4	0	2	7	0	0	0	0	0	0	0	0	0		
560	N023A	0.3	50.0	4.5	45.5	22	9	3	8	2	3	7	11	17	1	0	11	3	0	3	0	0	1	0	0	0	0	0	0		
560	N025A	1.2	33.9	7.6	58.5	26	8	4	7	2	2	8	3	19	1	0	9	1	3	7	2	0	1	0	0	0	0	0	0		
560	N027A	1.2	25.0	10.9	64.1	37	6	3	10	1	2	6	1	7	0	0	9	1	8	5	0	0	1	0	0	1	2	0	0		
560	N030A	1.4	46.2	5.8	48.0	9	9	0	2	2	6	13	9	28	5	0	16	1	1	3	1	0	1	0	0	0	0	0	0		
560	N036A	1.4	50.0	8.0	42.0	37	6	4	3	5	0	5	6	20	3	1	6	1	5	1	2	0	1	0	0	0	0	0	0		
560	N039A	0.4	38.1	9.0	52.9	28	5	1	3	0	4	9	5	22	0	0	9	2	5	6	4	0	1	0	0	0	0	0	0		
560	N041A	0.5	41.6	10.5	47.9	42	7	3	6	2	2	8	4	14	0	0	5	1	1	4	0	0	0	0	0	0	1	0	0		
560	N048A	0.2	49.1	6.3	44.6	7	9	1	1	0	2	13	6	24	0	0	24	2	6	5	2	0	0	0	0	0	0	0	0		
560	N052A	1.5	30.9	7.4	61.7	11	10	1	2	2	5	11	0	38	6	3	12	1	4	3	1	0	0	0	1	0	0	0	0		
560	N057A	2.6	42.5	3.8	53.7	27	6	0	5	1	4	2	5	40	4	0	10	0	0	0	1	0	0	0	0	0	0	0	0		
560	N059A	0.3	31.2	19.3	49.5	33	9	0	1	1	1	22	2	12	1	1	10	0	5	4	2	0	0	0	1	0	0	0	0		
560	N062	2.2	78.9	3.1	18.0	4	6	0	0	0	2	29	8	15	3	1	23	2	8	3	1	0	0	0	0	0	0	0	0		
560	N106	3.1	29.9	23.4	46.7	11	7	1	6	3	2	20	3	28	4	1	8	1	6	4	1	0	0	0	1	0	0	0	0		
560	N133	1.0	57.4	7.4	35.2	10	5	0	1	5	0	9	11	37	3	6	8	1	10	2	3	0	1	0	0	0	0	0	0		
560	N164	2.3	37.8	1.2	61.0	1	0	0	0	1	2	15	3	55	18	0	15	0	8	0	2	0	0	0	0	0	0	0	0		
560	P019	0.6	50.1	7.1	42.8	16	3	1	4	4	4	8	4	39	3	1	6	1	5	4	1	0	1	0	0	0	0	0	0		
560	P022	0.9	40.2	9.5	50.3	15	12	4	7	2	2	8	4	20	2	0	6	6	6	8	3	0	0	0	0	0	0	0	0		
560	S007	1.1	21.3	38.5	40.2	42	6	2	16	1	1	4	0	18	2	0	4	0	0	4	4	0	1	0	0	0	0	0	0	AN	1Q
560	S012	2.1	37.3	21.7	41.0	15	10	1	16	2	1	7	2	26	4	0	9	5	4	2	4	0	0	0	0	0	0	0	0		
560	S024		51.5	11.8	36.7	17	14	1	4	3	1	5	8	27	0	7	6	1	7	5	3	0	1	0	0	0	0	0	0		
560	S030	3.6	33.3	42.5	24.2	8	11	0	22	7	3	6	3	25	1	0	3	3	6	1	1	0	0	0	0	0	1	0	0		
560	S057	8.0	50.5	13.9	35.6	4	4	1	4	7	1	1	1	54	9	4	14	1	7	0	1	0	1	0	0	0	0	0	0		
560	S110	2.6	42.4	18.4	39.2	20	8	0	20	5	2	2	5	22	2	0	10	3	1	1	4	0	0	0	0	1	0	0	0		
560	S114	3.9	58.1	19.1	22.8	22	5	0	29	1	3	5	3	18	3	0	6	2	2	1	4	0	0	0	0	1	1	0	1		
560	S124	3.8	60.4	17.1	22.5	41	1	1	13	1	1	5	1	25	3	0	4	0	4	1	2	0	1	0	0	0	0	0	0		
560	S136	4.9	32.1	27.7	40.2	25	0	0	8	6	4	2	0	41	11	0	9	0	3	0	1	0	1	0	0	0	0	0	0	BV	1
560	S146	1.4	36.5	25.9	37.6	42	8	2	8	2	0	5	12	13	0	0	3	1	0	2	4	0	0	0	0	0	0	0	0	CM	2Q
560	S148	4.0	31.1	44.2	24.7	24	6	1	21	1	2	5	1	30	1	2	7	0	1	1	4	0	0	0	0	0	0	0	0		
560	S151	1.2	34.2	40.3	25.5*	23	11	2	19	4	0	1	16	22	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0		
560	W011	1.3	31.3	8.4	60.3	20	7	2	15	3	2	6	4	28	1	0	8	0	2	2	1	0	1	0	0	0	0	0	0		
560	W025	1.4	51.9	6.6	41.5	4	2	1	2	0	4	10	3	47	9	2	20	0	5	1	1	0	1	0	0	0	0	0	0		
560	W036	1.1	48.0	6.8	45.2	27	10	0	3	3	0	8	7	22	0	3	12	2	2	4	2	0	0	0	0	0	0	0	0		
560	W046	0.6	46.6	8.1	45.3	11	1	1	5	3	3	9	9	25	3	2	19	0	12	1	1	0	1	0	0	0	0	0	0		
560	W051		32.0	12.7	55.3	10	10	2	11	5	2	10	5	27	0	2	9	1	1	4	1	0	4	0	0	0	0	0	0		
560	W076	0.5	50.0	5.4	44.6	6	3	1	2	2	7	9	11	35	3	4	16	0	4	2	0	0	2	0	0	0	0	0	0		
560	W084	0.7	57.8	3.1	39.1	9	2	0	3	4	8	5	11	31	1	5	15	2	8	2	0	0	0	0	0	0	0	0	0		
560	W091	1.5	74.0	1.9	24.1	3	0	1	4	2	15	2	13	44	6	14	8	1	4	1	1	0	2	0	1	0	0	0	0		
560	W099	3.2	43.8	17.7	38.5	28	6	2	18	3	3	5	8	16	0	0	4	0	4	1	2	0	1	0	0	0	1	0	0		
560	W107	0.5	50.0	2.8	47.2	22	4	1	8	1	6	7	11	22	3	0	7	0	6	3	1	0	2	0	0	0	0	0	0		
560	W114		68.9	5.6	25.5	4	0	1	3	2	1	2	6	53	3	14	18	0	5	2	2	0	2	0	0	0	0	0	0		
560	W118	3.2	54.2	15.9	29.9	15	8	0	12	7	3	2	5	31	0	0	10	3	3	0	4	0	1	0	0	0	0	0	0		
560	W124	1.0	55.4	17.6	27.0*	19	1	0	2	3	1	2	9	46	12	5	13	0	3	0	0	0	0	0	0	0	0	1	0		
560	W127	1.1	59.6	5.0	35.4*	9	3	0	3	5	3	7	3	40	5	12	15	2	5	3	2	0	2	0	0	0	0	0	0		
560	W131	0.8	45.3	9.9	44.8	6	6	0	2	4	5	5	8	40	7	8	14	1	6	1	3	0	1	0	0	1	0	0	0		
560	W133	1.8	46.2	5.8	48.0	2	5	0	5	1	5	8	6	48	5	6	12	1	5	0	1	0	2	0	0	0	0	0	0		
560	W152	2.6	59.5	13.2	27.3*	7	4	0	4	1	4	5	1	46	15	2	20	0	7	0	1	0	0	0	0	0	0	0	0		
560	W161	0.1	58.1	16.6	25.3*	17	10	0	4	2	2	3	2	28	8	8	12	0	16	0	8	0	2	0	0	0	0	0	0		
560	W176	1.6	47.2	6.5	46.3	17	10	3	2	10	0	4	4	27	1	0	9	1	5	0	2	0	0	0	0	0	1	0	0		
560	W180	0.5	57.0	1.7	41.3	8	1	0	2	0	5	6	4	45	17	2	19	1	7	1	1	0	1	0	0	0	0	0	0		
560	W186	2.2	57.5	2.0	40.5	9	5	0	2	0	7	5	17	29	5	1	16	2	5	3	2	0	0	0	0	0	0	0	0		
560	W204	0.9	54.0	8.3	37.7	2	3	0	3	3	9	6	7	48	9	0	14	1	2	3	2	0	0	0	0	0	0	0	0		
560	W209	3.1	49.2	8.8	42.0	15	10	1	10	1	5	11	9	26	0	0	4	2	3	2	1	0	1	0	0	0	0	0	0		
560	W215		48.6	5.5	45.9	28	5	2	13	4	1	4	13	18	4	0	1	2	5	4	2	0	0	0	0	0	0	0	0		
560	W225	4.4	53.0	13.2	33.8	14	0	1	14	1	3	10	0	41	9	0	6	1	5	2	2	0	1	0	0	0	1	0	0		

CODE #	STATION #		WT. % MINERALS HEAVY	OPAQ	ALTD	NON OPAQ	AM	EP	ZO	AU	MY	TI	TO	ZI	GT	GP	GO	ST	KY	AN	BL	UN	SP	RU	DU	GL	MO	AP	HB	AG	X	AX
560	1007		1.1	32.9	5.4	61.7	18	10	1	2	2	1	18	5	16	4	0	16	1	7	3	2	1	0	0	0	0	0	0	0		
560	1021		4.4	40.9	21.9	37.2	24	0	2	28	0	1	2	1	30	9	0	5	0	4	0	3	0	1	0	0	0	0	0	0		
560	1024		2.2	14.5	38.8	46.7	28	3	4	32	1	3	3	0	13	0	0	4	2	3	4	2	0	0	0	0	0	0	0	0		
560	1033		9.9	36.8	35.1	28.1	22	1	0	4	2	0	1	0	51	8	0	7	0	12	0	2	0	0	0	0	0	0	0	0		
560	1035	A	1.1	17.0	52.9	30.1	42	7	0	11	19	3	2	1	6	0	0	0	1	7	1	3	0	0	0	0	0	0	0	0		
560	1037		4.4	13.5	46.6	39.9	41	3	1	33	6	3	3	1	6	0	1	0	2	1	0	1	0	0	0	0	0	0	0	0		
560	1041		3.4	15.5	49.1	35.4	44	7	0	9	23	1	1	1	4	0	0	0	1	9	0	1	0	0	0	0	0	0	0	0		
560	1043		5.8	24.9	46.7	28.4	27	9	0	11	30	1	2	1	9	2	2	0	1	8	0	2	0	0	10	0	0	0	0	0		
560	1046		2.5	27.2	29.4	43.4	14	10	3	14	5	0	9	2	27	1	2	5	0	7	1	2	0	0	0	0	0	0	0	0		
560	1052		1.1	31.6	11.8	56.6	7	3	1	3	2	7	14	2	44	11	0	14	0	3	1	1	1	0	0	1	0	0	0	0		
560	1055		2.4	29.1	4.6	66.3	31	11	1	0	2	1	10	6	14	0	2	13	2	3	6	1	0	0	0	1	0	0	0	0		
560	1057			42.6	7.9	49.5	5	4	2	2	1	0	13	10	32	5	1	17	0	8	5	1	0	1	0	0	0	0	0	0		
560	1059		1.3	53.9	7.9	38.2	25	16	2	3	4	3	7	4	21	2	2	7	2	3	2	1	0	0	0	0	10	0	0	0		
560	1061	A	2.0	49.4	10.7	39.9	8	3	0	4	7	3	5	13	37	1	4	8	1	6	4	4	0	1	0	1	0	0	0	0		
560	1067		2.6	19.4	5.9	74.7	47	1	0	9	2	1	2	2	25	1	0	10	0	0	1	1	0	0	0	1	0	0	0	0		
560	1071		0.9	25.0	3.6	71.4	33	10	2	6	1	3	5	2	24	1	0	7	0	1	5	2	0	1	0	0	0	0	0	0		
560	1080		4.9	19.6	15.0	65.4	19	13	1	3	1	2	2	0	46	1	9	8	0	2	2	0	0	1	0	1	0	0	0	0		
560	1082		4.8	19.7	1.6	78.7	6	9	2	1	0	1	1	0	72	10	3	2	3	0	2	1	0	1	0	1	0	0	0	0		
560	1103		2.9	54.6	3.4	42.0	6	1	0	2	0	0	12	5	46	10	2	23	2	2	0	0	1	0	0	0	0	0	0	0		
560	1109		1.4	39.4	6.5	54.1	10	5	1	3	1	0	16	3	32	0	0	16	1	8	3	0	0	0	0	1	0	1	0	0		
560	1116		2.5	51.1	10.4	38.5	11	3	1	6	4	1	4	11	35	3	4	15	3	4	2	2	0	0	0	0	0	1	0	0		
560	1136		3.1	21.1	10.9	68.0	8	1	0	2	1	1	1	0	65	36	5	18	0	2	0	0	0	0	0	0	0	1	0	0		
560	1140		0.1	43.3	11.9	44.8	9	4	3	12	1	5	2	0	45	3	0	9	3	5	0	3	0	1	0	0	0	0	1	0		
560	1146		2.3	35.7	10.3	54.0	5	2	0	7	3	0	4	1	57	20	0	18	1	0	0	1	0	1	0	0	0	0	0	1		
560	1149		2.2	32.6	13.0	54.4	7	2	0	8	1	0	1	0	52	11	0	26	0	1	0	1	0	0	0	0	0	1	0	0		
560	1156		2.0	36.8	8.2	55.0	14	4	1	7	3	2	1	0	38	7	0	25	0	2	1	3	0	0	0	0	0	2	0	0		
560	1158		6.0	21.1	29.9	49.0	16	9	1	7	2	0	2	1	34	2	0	22	3	3	0	0	0	0	0	0	0	0	0	0		
560	1161		12.7	29.7	47.4	22.9	30	7	1	13	0	0	4	0	20	0	0	14	1	7	0	3	0	0	0	0	0	0	0	0		
560	1164		1.3	26.6	31.2	42.2	18	9	1	14	2	4	4	2	29	0	0	13	3	1	0	4	0	0	0	0	0	0	0	0		
560	1168		5.0	34.9	39.1	26.0	18	2	0	48	13	0	5	0	8	0	0	1	3	1	0	4	0	0	0	0	0	0	0	0		
560	1171		19.9	16.1	56.2	27.7	49	0	0	30	19	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0		
560	1173		3.5	12.6	54.8	32.6	52	8	0	18	11	1	1	0	6	0	0	0	0	2	0	2	0	1	0	0	0	0	0	0	CS	1
560	1177		2.7	50.6	35.4	14.0	22	10	0	18	10	0	3	4	24	1	0	5	0	3	0	3	0	0	0	0	0	0	0	0		
560	1185		1.0	17.7	39.2	43.1	44	4	1	23	4	1	0	1	10	0	0	8	2	1	0	3	0	1	0	0	0	0	0	0		
560	1188		0.6	25.0	43.9	31.1	27	10	4	12	8	1	9	1	13	1	1	6	0	4	3	4	0	0	0	1	0	0	0	0		
560	1199		2.5	17.7	25.1	57.2	46	8	3	4	3	1	6	0	17	0	0	5	1	4	2	2	0	0	0	1	0	0	0	0		
560	1205		1.3	28.9	16.3	54.8	34	12	3	4	6	1	5	1	14	0	0	9	1	7	3	0	0	0	0	1	0	0	0	0		
560	1206		1.8	22.1	14.5	63.4	30	12	2	6	5	4	10	2	17	0	0	4	0	2	4	2	0	1	0	0	0	1	0	0		
560	1207		2.0	33.7	28.4	37.9	7	6	2	5	1	2	20	3	20	4	0	27	1	4	1	0	0	1	0	0	0	0	0	0		
560	1210		1.7	23.1	10.5	66.4	35	6	2	4	4	3	4	1	22	0	0	8	1	2	7	1	0	1	0	0	0	0	0	0		
560	1211		1.1	41.3	15.2	43.5	20	4	2	3	3	2	21	1	21	10	0	9	1	3	8	0	0	2	0	0	0	0	0	0		
560	1212		1.3	26.3	15.2	58.5	29	12	1	7	4	1	6	2	12	1	0	12	0	9	5	2	0	0	0	0	0	0	0	0		
560	1216		2.0	65.3	10.9	23.8	7	5	2	7	0	1	16	4	43	7	0	7	0	3	2	2	0	3	0	0	0	0	0	0		
560	1219		1.9	53.9	10.3	35.8	11	5	1	2	1	4	6	6	38	2	7	11	3	9	2	2	0	1	0	0	0	0	0	0		
560	1226		2.9	40.9	10.2	48.9	31	8	3	15	3	0	0	0	22	1	0	7	2	0	0	1	0	1	0	0	0	1	0	0		
560	1227		4.4	56.8	15.8	27.4	35	6	0	14	4	4	5	2	22	1	1	7	0	1	0	0	0	1	0	0	0	0	0	0	FB	
560	1233		4.5	38.4	8.9	52.7	17	1	1	6	3	1	2	1	51	6	0	17	0	0	0	1	0	0	0	0	0	0	0	0		
560	1237		2.6	34.2	10.5	55.3	27	3	0	9	0	2	0	2	35	4	0	18	1	1	0	1	0	1	0	0	0	0	0	0		
560	1243		1.0	28.4	12.4	59.2	30	0	2	14	2	1	1	3	32	0	0	13	0	1	0	2	0	0	0	0	0	0	0	0		
560	1248		1.2	36.0	22.0	42.0	31	12	2	6	7	2	2	4	18	0	0	9	1	4	1	1	0	0	0	0	0	0	0	0	CZ	1
560	1249		1.4	32.9	4.9	62.2	39	5	0	6	9	1	5	4	19	2	0	7	2	1	0	2	0	1	0	0	0	0	0	0		
560	1250		1.4	30.6	6.9	62.5	34	1	0	2	8	1	3	3	29	3	0	16	0	1	0	1	0	1	0	0	0	1	0	0		
560	1252		0.9	32.8	28.1	39.1	33	4	3	9	7	2	5	1	25	0	1	8	1	1	0	1	0	1	0	0	0	1	0	0	AE	1
560	1253	A	2.6	39.7	20.0	40.3	13	2	0	6	12	3	3	3	39	1	9	9	5	3	1	2	0	1	0	0	0	1	0	0		
560	1256		0.2	49.8	5.8	44.4	18	3	1	3	0	3	15	2	20	4	0	25	1	1	5	2	0	1	0	0	0	0	0	0		
560	1259		3.2	38.4	8.9	52.7	27	13	2	3	1	8	3	3	21	2	0	10	2	1	5	1	0	1	0	0	0	0	0	0		
560	1265		0.6	40.9	9.8	49.3	31	10	2	6	0	1	5	9	18	0	0	10	1	3	1	1	0	1	0	0	0	0	0	0		
560	1275		3.3	42.8	9.5	47.7	11	3	0	1	1	1	2	0	69	16	3	9	3	0	0	1	0	0	0	1	0	0	0	0		
560	1278		2.0	18.0	.0	82.0	41	3	1	7	1	3	1	2	24	3	0	12	2	0	0	1	0	3	0	3	0	0	0	0		
560	1280		6.6	24.4	13.1	62.5	30	1	1	6	1	1	1	1	44	17	2	12	0	1	1	4	0	0	0	1	0	0	0	0		
560	1282		6.4	26.9	8.9	64.2	10	7	1	1	1	3	1	1	66	9	1	7	0	1	0	0	0	0	0	0	0	1	0	0		
560	1293		3.7	32.9	3.8	63.3	15	12	1	4	5	1	2	1	37	3	8	14	3	1	0	0	0	2	1	1	0	1	0	0		
560	1299		3.2	38.4	5.1	56.5	20	4	1	19	5	1	2	1	42	6	22	4	0	0	1	0	0	0	0	0	0	1	0	0		
560	1308		6.1	39.3	2.9	57.8	16	4	2	13	5	1	0	1	50	7	21	4	2	1	0	2	0	0	0	0	0	1	0	0		
560	1309		3.4	33.8	21.2	45.0	29	1	1	20	5	1	1	1	31	5	6	6	2	0	1	0	0	0	0	0	0	1	0	0		
560	1312	A	3.3	42.4	3.3	54.3	20	2	0	10	3	3	1	1	56	16	19	3	0	0	1	0	0	0	0	0	0	0	0	0	CM	1
560	1317		2.2	48.5	10.0	41.5	24	1	0	12	8	4	2	0	34	2	20	6	7	0	1	3	0	0	0	0	0	0	0	0		
560	1321		1.8	24.8	8.1	67.1	32	4	0	17	12	1	3	1	20	2	2	2	4	1	2	2	0	1	0	0	0	0	0	0		
560	1323		4.3	26.5	7.3	66.2	37	1	0	9	9	1	2	1	28	9	4	4	1	1	6	1	0	0	0	0	0	0	0	0		
560	1342		2.6	36.3	7.8	55.9	14	2	0	20	6	3	3	0	46	3	20	2	2	0	1	1	0	1	0	0	0	0	0	0		
560	1343		8.7	16.3	2.4	81.3	21	2	0	8	9	1	0	1	53	1	28	2	1	0	2	1	0	0	0	0	0	2	0	0		
560	1348			9.2	6.7	84.1	29	0	1	16	15	1	1	1	29	0	14	2	1	0	0	0	0	0	0	0	0	0	0	0		
560	1353		5.0	43.5	2.2	54.3	2	5	0	14	5	4	1	6	59	0	32	4	0	0	0	0	0	0	0	0	0	0	0	0		
560	1355	A	6.9	37.1	5.7	57.2	14	5	0	22	10	2	1	3	40	1	16	2	0	0	1	5	0	0	0	0	0	1	0	0		
560	1358		4.0	23.6	5.0	71.4	28	4	0	11	9	2	1	1	39	0	10	3	0	0	1	0	0	0	0	0	0	1	0	0		
560	1377			34.3	1.9	63.8	8	4	0	6	3	2	1	2	61	9	22	5	4	1	1	0	0	0	0	0	0	0	0	0		
560	1381		0.7	49.8	2.4	47.8	16	2	1	3	1	4	6	5	30	1	8	24	4	3	0	1	0	1	0	0	0	0	0	0		
560	1385		4.3	19.7	4.5	75.8	42	7	2	3	3	3	3	1	19	4	1	10	1	4	1	1	0	1	0	0	0	0	0	0		
560	1387		5.3	26.8	6.0	67.2	8	4	0	8	3	2	5	1	35	3	4	30	4	0	0	0	0	0	0	0	0	0	0	0		
560	1390		3.5	19.7	7.3	73.0	24	6	3	2	1	1	2	6	33	3	1	11	7	1	2	2	0	1	0	1	0	0	0	0		
560	1398		2.0	38.0	5.1	56.9	9	14	1	2	1	1	8	0	43	4	6	15	1	2	3	2	0	0	0	1	0	0	0	0		
560	1407		2.1	45.4	3.5	51.1	3	5	0	0	3	4	13	2	47	2	12	19	1	2	1	1	0	0	0	0	0	0	0	0		
560	1409		1.9	30.6	15.5	53.9	27	9	2	2	3	3	18	1	10	0	0	9	0	7	6	2	0	2	0	1	0	0	0	0		
560	1410		2.0	43.0	5.6	51.4	7	9	1	3	1	3	9	5	37	2	1	13	1	7	3	3	0	1	0	0	0	0	0	0		
560	1416		5.9	27.0	15.5	57.5	20	4	0	12	15	1	1	1	41	0	29	2	1	0	2	2	0	0	0	0	0	0	0	0		
560	1423		2.3	18.8	6.0	75.2	37	2	1	15	13	0	2	0	25	0	10	1	0	0	3	0	0	1	0	0	0	0	0	0		
560	1425			27.7	19.8	52.5	37	3	0	16	8	0	2	3	13	0	3	16	2	0	0	0	0	0	0	0	0	0	0	0		
560	1434			7.9	3.5	88.6	40	11	0	16	12	0	1	1	12	0	4	0	1	0	2	2	0	2	0	0	0	0	0	0		
560	1436		2.5	39.0	2.9	58.1	26	19	2	9	10	0	3	0	17	0	5	4	5	0	4	1	0	1	0	0	0	0	0	0		
560	1438		4.2	43.1	3.7	53.2	27	14	2	9	6	3	3	3	18	0	2	6	4	1	3	2	0	1	0	0	0	0	0	0		

CODE #	STATION #	WT. % MINERALS HEAVY	OPAQ	ALTD	NON OPAQ	AM	EP	ZO	AU	HY	TI	TO	ZI	GT	GP	GO	ST	KY	AN	SL	UN	SP	RU	DU	GL	MO	AP	HB	AG	X	AX
560	1441	3.8	52.1	2.3	45.6	14	21	3	0	4	1	3	8	20	0	2	15	9	0	1	0	0	0	0	0	0	0	0	0	CM	1
560	1445	21.5	29.3	2.7	68.0	19	14	3	1	3	3	3	12	18	0	5	15	4	0	2	0	0	3	0	0	0	0	0	0		
560	1447	10.4	39.0	4.5	56.5	14	25	2	0	2	1	1	8	20	0	1	18	5	0	3	1	0	0	0	0	1	0	0	0		
560	1458	6.9	29.9	6.4	63.7	4	6	1	0	0	5	3	15	16	9	0	38	5	0	2	1	1	3	0	0	1	0	0	0		
560	1466	.8	41.3	2.8	55.9	14	36	1	0	1	1	8	11	4	0	2	14	7	2	1	1	0	0	0	0	0	0	0	0		
560	1471	1.7	40.2	1.1	58.7	20	37	1	0	3	3	11	2	8	1	3	8	7	0	2	0	0	0	0	0	0	0	0	0		
560	1473	1.3	30.6	6.9	62.5	44	29	0	0	0	0	8	1	4	0	1	8	2	0	3	1	0	1	0	0	0	0	0	0		
560	1479		37.6	7.2	55.2	19	48	1	0	0	1	1	7	4	0	0	11	0	0	5	1	0	3	0	0	0	0	0	0		
560	1483		33.1	5.5	61.4	20	49	1	0	1	1	3	7	1	0	0	11	3	3	0	1	0	0	0	0	0	0	0	0		
560	1487		43.6	11.2	45.2	11	53	3	0	0	1	2	5	6	1	0	12	2	0	5	0	0	0	0	0	0	0	0	0		
560	1493		49.0	5.5	45.5	15	46	6	2	0	1	0	4	4	0	1	8	7	0	5	0	0	2	0	0	0	0	0	0		
560	1500		42.0	11.2	46.8	9	35	3	0	0	1	2	10	8	3	0	18	4	1	8	2	0	1	0	0	0	1	0	0		
560	1502		50.8	9.5	39.7	7	39	0	0	0	1	1	8	8	0	2	14	6	0	2	2	0	5	0	0	2	0	0	0	CZ	1
560	1509 A		18.7	.0	81.3	17	44	0	0	0	0	1	4	6	0	2	13	5	0	7	0	0	2	0	0	1	0	0	0		
560	1510		30.8	.1	69.1	13	30	0	0	0	2	2	18	8	2	5	16	3	1	4	0	0	3	0	0	0	0	0	0		
560	1519		12.2	.8	87.0	14	58	0	0	0	0	9	3	3	1	0	6	1	3	3	0	0	0	0	0	0	0	0	0		
560	1521		21.1	.7	78.2	12	44	0	1	0	0	3	8	5	0	1	16	1	1	8	0	0	1	0	0	0	0	0	0		
560	1523		18.0	.0	82.0	21	14	0	0	0	0	7	2	1	0	1	14	2	0	9	0	0	0	0	0	0	1	0	0		
560	1530		13.8	.0	86.2	4	33	0	0	0	0	7	14	12	4	3	21	2	2	5	0	0	0	0	0	0	0	0	0		
560	1536		45.8	2.1	52.1	12	40	0	0	0	0	10	0	6	0	2	20	2	2	8	0	0	0	0	0	0	0	0	0		
560	1538 B		16.0	.0	84.0	14	70	0	0	0	0	1	0	6	1	1	4	0	0	3	0	0	1	0	0	0	0	0	0		
560	1540		24.8	.4	74.8	32	49	0	0	0	0	1	2	1	0	0	5	6	0	4	0	0	0	0	0	0	0	0	0		
560	1545		24.2	.0	75.8	3	35	0	0	0	1	5	6	12	8	1	31	2	0	3	0	0	0	0	0	0	0	0	0		
560	1555					41	37	0	0	0	0	1	1	0	0	0	5	4	1	8	0	0	2	0	0	0	0	0	0		
560	1605		18.3	2.4	79.3	17	53	0	0	1	0	2	3	7	0	1	7	0	1	6	0	0	2	0	0	0	0	0	0		
560	1611		20.6	.0	79.4	24	40	0	0	1	0	2	6	6	0	2	7	4	0	6	0	0	3	0	0	0	0	0	0		
560	1615		18.5	.1	81.4	20	59	0	0	0	1	1	0	3	0	0	7	3	0	5	0	0	2	0	0	0	0	0	0		
560	1624 A					38	50	0	0	0	0	4	3	0	0	0	1	2	0	1	0	0	1	0	0	0	0	0	0		
560	1631		11.5	.0	88.5	38	48	0	0	0	0	0	0	1	0	0	4	3	0	5	0	0	1	0	0	0	0	0	0		
560	1659		44.4	10.8	44.8	17	49	2	0	2	1	2	2	6	0	2	5	6	0	4	0	0	1	0	0	1	0	0	0	CZ	2
560	1662					11	34	5	0	2	7	1	8	15	3	7	10	1	0	4	0	0	1	0	0	1	0	0	0		
560	1664		22.2	8.3	69.5	29	51	1	0	1	1	1	2	3	0	0	2	3	3	3	0	0	2	0	0	0	0	0	0	CZ	1
560	1680		14.5	.0	85.5	25	46	0	0	0	0	3	4	2	0	1	11	3	0	5	0	0	1	0	0	0	0	0	0		
560	1687		25.5	1.5	73.0	12	45	0	0	0	0	4	7	5	0	2	17	3	1	4	1	0	1	0	0	0	0	0	0		
560	1700		32.5	7.2	60.3	9	37	8	0	0	1	1	5	6	0	2	17	4	0	9	0	0	3	0	0	0	0	0	0		
560	1703		18.4	1.6	80.0	31	45	0	1	1	1	0	4	2	0	0	10	0	1	3	0	0	1	0	0	0	0	0	0		
560	1726		8.3	.0	91.7	37	40	0	0	1	1	3	2	3	1	0	5	2	0	5	0	0	1	0	0	0	0	0	0		
560	1750		33.3	9.2	57.5	21	51	4	0	2	0	3	4	2	0	0	5	2	0	5	1	0	1	0	0	0	0	0	0		
560	1753		22.3	.8	76.9	56	28	0	0	1	0	4	2	2	0	1	1	5	0	1	0	0	0	0	0	0	0	0	0		
560	1758		35.3	3.6	61.1	21	27	4	3	3	3	3	13	3	1	1	10	4	0	4	0	0	2	0	0	0	0	0	0		
560	1761		22.3	.8	76.9	27	34	0	0	0	0	5	6	7	0	2	5	7	2	5	0	0	1	0	0	0	0	0	0		
560	1771		9.0	.9	90.1	37	53	0	0	0	0	1	0	2	0	0	2	1	0	4	0	0	0	0	0	0	1	0	0		
560	1773					15	41	4	0	0	1	2	6	12	0	2	15	0	0	4	0	0	0	0	0	0	0	0	0		
560	1775		14.0	3.3	82.7	33	55	0	0	0	0	1	0	4	0	1	2	1	0	4	0	0	0	0	0	0	0	0	0		
560	1780		28.0	.0	72.0	21	28	0	0	0	0	9	8	9	4	0	16	3	1	3	1	0	1	0	0	0	0	0	0		
560	1785	1.6	17.6	6.1	76.3	4	3	2	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
560	1787		29.5	3.3	67.2	30	19	0	3	2	0	7	3	14	5	3	16	2	2	0	0	0	2	0	0	0	0	0	0		
560	1791	3.7	39.1	5.0	55.9	13	39	3	0	0	0	7	14	7	0	1	12	4	0	1	2	0	0	0	0	0	0	0	0		
560	1798	12.4																													
560	1801	4.3	54.3	4.9	40.8	23	39	5	1	3	2	1	1	7	0	0	9	6	0	2	2	0	1	0	0	0	0	0	0		
560	1803		55.5	7.7	36.8*	6	12	0	0	0	0	25	0	3	0	0	48	0	3	3	0	0	0	0	0	0	0	0	0		
560	1805	9.2	41.8	7.1	51.1*	2	6	0	2	0	1	1	17	9	6	3	28	2	0	0	2	1	1	0	0	0	0	0	0		
560	1809		11.0	4.2	84.8	34	39	0	4	3	0	1	2	5	0	0	4	6	0	2	0	0	0	0	0	0	0	0	0		
560	1813	9.1	31.0	4.5	64.5	5	19	1	0	0	0	5	15	15	0	3	27	8	0	3	0	0	2	0	0	0	0	0	0		
560	1817	10.8	34.8	1.9	63.3	0	6	0	0	0	8	2	16	24	5	9	39	3	1	0	1	0	0	0	0	1	0	0	0		
560	1824	3.1			*	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
560	1827 A	1.7	70.1	29.9	.0*	31	27	6	1	1	1	5	3	13	0	3	9	2	0	1	1	0	0	0	0	0	0	0	0		
560	1830 A	1.0																													
560	1835	2.7	30.5	3.3	66.2	36	37	3	1	3	0	1	5	3	0	0	4	0	0	6	0	0	0	0	0	1	0	0	0		
560	1842	6.4	27.9	31.1	41.0*	26	21	0	0	0	3	3	6	9	0	0	18	6	0	6	3	0	0	0	0	2	0	0	0		
560	1847		23.8	1.5	74.7	5	26	0	0	3	1	1	11	17	1	4	22	8	1	3	1	0	0	0	0	0	0	0	0		
560	1849	8.5	48.5	1.0	50.5	16	15	0	2	0	2	2	6	31	0	3	13	6	1	4	2	0	1	0	0	0	1	0	0		
560	1853		17.0	1.6	81.4	41	42	0	1	1	0	1	0	2	0	0	5	6	0	1	0	0	0	0	0	0	0	0	0		
560	1855	1.0	37.6	16.3	46.1	38	32	3	2	6	1	1	0	9	0	2	2	1	1	3	3	0	1	0	0	1	0	0	0	CM	1
560	1859	2.1				9	24	2	1	0	4	5	5	21	0	9	16	7	1	4	0	0	1	0	0	0	0	0	0		
560	1860	6.3	43.9	9.0	47.1*	24	20	1	5	2	0	4	8	20	0	5	11	0	1	3	0	0	1	0	0	0	0	0	0		
560	1869		8.9	2.6	88.5	38	16	0	6	15	2	1	1	15	0	5	1	1	1	1	0	0	0	0	0	0	0	0	0		
560	1872	3.0	42.3	9.6	48.1	25	4	2	7	11	6	0	1	37	3	12	2	4	0	1	4	0	0	0	0	0	0	0	0		
560	1875	7.6	42.1	1.7	56.2	11	5	2	9	11	0	0	16	44	0	14	2	0	0	0	0	0	0	0	0	0	0	0	0		
560	1881	2.4	22.1	16.6	61.3	24	8	0	25	15	0	1	1	22	0	5	0	1	0	1	0	0	1	0	0	0	1	0	0		
560	1882	15.4	33.3	6.1	60.6	25	6	0	14	7	0	0	3	44	0	25	1	0	0	0	0	0	0	0	0	0	1	0	0		
560	1885	2.9	15.7	19.0	65.3	24	5	0	16	15	1	1	3	33	0	6	0	0	1	0	0	0	0	0	0	1	0	0	0		
560	1886	1.6	45.6	3.1	51.3	12	4	2	14	10	3	0	4	40	3	24	5	2	0	2	1	1	0	0	0	1	0	0	0		
560	1889		16.8	3.2	80.0	31	6	0	15	10	2	1	3	21	2	10	7	2	0	2	0	0	0	0	0	0	0	0	0		
560	1893	2.8	39.1	6.5	54.4	26	10	0	13	11	3	2	3	28	0	13	1	2	1	2	3	0	0	0	0	0	0	0	0		
560	1897	4.6	21.8	53.8	24.4	33	17	1	13	4	0	7	0	7	0	0	6	2	6	3	3	0	1	0	0	0	0	0	0		
560	1898	2.2	21.9	21.9	56.2	63	6	2	6	4	2	1	0	8	0	0	0	0	2	5	0	0	1	0	0	0	0	0	0		
560	1900	1.7	9.0	26.4	64.6	45	8	1	8	0	2	7	0	11	1	0	1	1	10	5	2	0	0	0	0	0	1	0	0		
560	1901	2.7	18.4	37.6	44.0*	20	5	0	5	2	0	0	2	50	35	2	6	2	3	5	3	0	0	0	0	0	0	0	0		
560	1906	1.3	28.7	28.3	43.0	42	5	0	12	7	0	3	1	13	0	0	14	1	1	1	1	0	0	0	0	0	0	1	0		
560	1907	1.5	8.4	61.5	30.1	35	1	2	20	16	4	1	0	9	0	0	1	3	6	2	5	0	0	0	0	0	0	0	0		
560	1910	2.0	19.1	38.3	42.6	40	5	0	21	17	1	0	1	2	0	0	4	0	6	1	3	0	0	0	0	0	1	0	0	CZ	1
560	1911	3.1	19.1	29.4	51.5	35	4	3	16	4	2	6	0	14	1	0	9	3	3	1	2	0	0	0	0	0	0	0	0		
560	1914	4.1	32.3	24.0	43.7	43	3	0	10	28	0	1	0	2	0	0	0	0	8	4	4	0	0	0	0	0	0	0	0	CZ	1
560	1919	3.6	6.2	16.3	77.5	71	1	1	10	2	3	2	0	9	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
560	1920	2.7	7.9	25.8	66.3	48	2	2	9	8	2	1	1	12	0	0	5	1	2	7	2	0	0	0	0	0	0	0	0		
560	1922	6.7	17.0	56.5	26.5	40	6	0	6	14	2	5	0	15	6	0	7	0	3	1	2	0	0	0	0	0	0	1	0		
560	1924	1.8	13.0	40.7	46.3	61	1	1	13	5	0	1	0	8	0	0	5	0	0	3	4	0	0	0	0	0	0	2	0		
560	1927	3.0	9.3	44.2	46.5	41	3	0	35	2	0	5	2	9	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0		
560	1928	3.9	11.6	15.9	72.5	14	1	1	18	2	2	7	0	36	1	0	16	1	0	0	1	0	0	0	0	0	2	0	0		

CODE #	STATION #	WT. % MINERALS HEAVY	OPAQ	ALTD	NON OPAQ	AM	EP	ZO	AU	HY	TI	TO	ZI	GT	GP	GO	ST	KY	AN	SL	UN	SP	RU	DU	GL	MO	AP	HB	AG	X	AX
560	1932	5.2	32.3	41.9	25.8	25	31	5	3	2	0	6	4	10	0	0	5	1	6	2	4	0	0	0	4	0	0	0	0		
560	1934	1.0	28.1	15.7	56.2	45	27	6	1	0	5	1	0	12	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0		
560	1939	6.3	7.1	13.5	79.4	30	18	0	2	0	3	0	0	32	1	0	1	4	3	7	2	0	0	0	0	0	0	0	0		
560	1941	6.5	26.1	42.8	31.1	24	9	1	1	0	0	0	0	55	8	14	6	4	0	0	4	0	0	0	0	2	0	0	0		
560	1942	8.4	12.6	8.7	78.7	31	4	2	10	0	1	1	1	43	18	3	5	1	1	0	1	0	0	0	0	0	0	0	0		
560	1945	2.2	29.2	12.2	58.6	48	11	0	2	0	0	2	1	22	0	0	9	3	1	0	3	0	0	0	1	0	0	0	0	AN	1Q
560	1947	13.1	12.5	18.0	69.5	54	3	2	4	1	4	1	0	23	1	2	7	1	0	0	0	0	0	0	0	0	0	0	0		
560	1948	3.7	14.8	28.0	57.2	57	5	1	4	2	3	1	3	14	0	1	5	3	2	0	2	0	0	0	0	0	0	0	0		
560	1950	5.7	44.0	10.1	45.9	39	3	3	7	14	1	1	3	19	1	3	4	1	0	0	2	0	0	2	0	0	0	0	0		
560	1951 A	3.6	22.6	24.7	52.7	31	4	2	4	18	2	0	1	28	0	3	3	2	4	0	4	0	0	0	0	1	0	0	0		
560	1953	3.3	17.5	3.2	79.3	30	1	2	3	7	5	2	0	34	9	0	8	0	2	2	2	0	0	0	0	1	0	0	0		
560	1955	3.7	61.2	11.0	27.8	43	0	0	10	10	2	6	3	7	1	0	15	2	1	0	4	0	0	0	0	0	0	0	0	CM	1Q
560	1957	1.3	61.2	2.9	35.9	25	1	1	6	3	4	9	1	30	4	10	12	2	2	1	3	0	1	0	1	2	0	0	0		
560	1966	2.5	15.0	9.8	75.2	52	11	0	4	4	2	1	1	21	0	7	1	0	0	3	1	0	0	0	0	0	0	0	0		
560	1968	10.4	30.2	4.0	65.8*	34	15	0	5	6	2	0	4	23	5	0	4	0	1	1	0	0	1	0	0	0	1	0	0	CM	1
560	1974	1.0	55.5	6.5	38.0*	18	2	0	1	12	0	3	3	20	5	9	32	4	1	3	1	0	0	0	0	0	0	0	0	CH	1
560	1983	0.3	59.2	10.8	30.0*	22	11	1	2	3	1	5	11	16	0	7	12	4	0	9	2	0	3	0	0	0	0	0	0		
560	1988		48.0	4.3	47.7	10	10	0	8	9	2	5	6	20	2	4	20	4	0	6	0	0	0	0	0	0	0	0	0		
560	1993	2.3	13.8	26.3	59.9*	47	6	2	18	8	0	2	0	11	0	3	1	2	0	2	0	0	0	0	0	0	0	0	0	PD	1
560	2001	1.2	10.1	22.3	67.6	50	10	2	5	12	0	2	0	17	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0		
560	2004		61.5	4.1	34.4	7	12	0	2	11	3	3	17	20	9	3	15	1	3	3	3	0	0	0	0	1	0	1	0		
560	2011	1.9	35.1	16.8	48.1	47	13	2	1	0	1	3	2	19	0	0	8	1	0	2	2	0	0	0	1	0	1	0	0		
560	2028	3.2	15.3	8.4	76.3	45	6	0	12	14	1	1	1	17	0	11	0	0	1	2	1	0	0	0	0	0	0	0	0		
560	2033		27.0	4.8	68.2	21	8	0	1	7	0	2	1	42	18	3	13	0	1	3	1	0	0	0	0	0	0	0	0		
560	2036	1.1	51.2	1.4	47.4	13	7	0	1	6	6	2	4	41	6	17	12	3	1	4	1	0	0	0	0	0	0	0	0		
560	2038	4.1	38.9	3.4	57.7	19	10	0	12	11	0	2	4	35	0	16	2	0	1	2	2	0	1	0	0	0	1	0	0	CM	1
560	2045	4.0	33.0	11.2	55.8	31	8	0	7	8	4	0	5	28	2	10	2	2	2	2	2	0	1	0	0	0	0	0	0		
560	2047	4.1	30.3	3.9	65.8	30	4	0	6	10	3	2	5	29	0	12	4	4	0	1	2	0	1	0	0	1	0	0	0		
560	2051		13.7	.9	85.4	39	0	0	12	8	1	2	3	22	0	2	0	2	0	0	0	0	1	0	2	0	0	0	0		
560	2054	1.2	45.4	3.6	51.0	12	15	0	7	5	1	2	5	37	2	12	5	2	1	3	0	0	1	0	0	2	0	0	0	CZ	1
560	2057	2.5	73.0	1.8	25.2	8	12	1	6	4	11	2	17	27	0	7	11	1	0	0	2	0	0	0	0	0	0	0	0		
560	2063 A	5.3	33.7	7.1	59.2	32	10	0	6	4	4	3	0	29	1	6	2	6	1	3	2	0	0	0	0	0	0	0	0		
560	2071	0.8	16.0	24.9	59.1	46	6	0	17	9	1	1	1	15	0	5	1	0	0	2	0	0	0	0	0	0	0	0	0	CZ	1
560	2084		12.8	1.7	85.5	46	2	4	14	12	2	1	1	13	3	2	1	2	0	1	1	0	0	0	0	0	0	0	0		
560	2086	0.8	32.9	6.1	61.0	31	17	5	12	8	2	0	1	17	0	3	4	2	0	1	3	0	0	0	0	0	0	0	0		
560	2095	0.4	19.9	13.9	66.2	32	8	8	12	4	1	0	3	25	0	6	1	4	2	0	3	0	0	0	0	0	0	0	0		
560	2100		21.2	3.0	75.8	34	7	0	18	8	3	0	2	26	1	11	1	0	1	0	0	0	0	0	0	0	0	0	0		
560	2104	0.9	64.2	3.5	32.3	18	5	0	8	14	6	4	5	31	0	10	5	1	0	2	0	0	0	0	0	0	0	0	1		
560	2110		24.6	2.9	72.5	32	9	1	11	13	3	1	1	26	0	14	2	1	0	0	0	0	0	0	0	0	0	0	1		
560	2117	0.9	29.0	22.7	48.3	36	5	1	12	15	3	2	0	21	0	7	0	1	1	3	2	0	0	0	0	0	0	0	0		
560	2120	1.0	27.7	14.4	57.9	41	12	1	2	7	2	4	1	23	1	4	2	2	1	1	1	0	0	0	1	1	0	0	0		
560	2123	0.5	32.5	3.8	63.7	17	20	3	4	7	2	1	1	32	3	4	7	1	2	3	1	0	0	0	0	0	0	0	0	FB	
560	2125	2.2	28.2	7.7	64.1	22	12	4	8	5	1	2	2	37	3	8	5	0	1	1	2	0	0	0	0	0	0	0	0		
560	2127	0.6	31.6	25.6	42.8	32	9	4	5	4	3	10	0	20	0	1	4	3	2	4	4	0	0	0	0	0	0	0	0	FB	
560	2128	1.1	26.7	22.7	50.6	27	13	5	4	5	2	8	1	20	0	0	7	3	1	4	2	0	0	0	1	0	0	0	0	FB	
560	2132 A	2.0	35.4	1.3	63.3	20	4	3	11	0	0	3	0	37	11	3	10	2	5	5	1	0	0	0	0	0	0	0	0		
560	2134	0.1	40.6	21.0	38.4*	25	11	6	3	1	2	0	3	42	2	6	3	1	2	0	5	0	0	0	0	0	0	0	0	BR	1
560	2135	2.5	30.8	14.3	54.9	29	23	1	7	3	1	5	1	18	3	2	5	3	2	2	2	0	0	0	0	0	0	0	0		
560	2136	1.0	46.4	2.6	51.0	22	2	0	12	4	3	6	2	29	5	0	13	1	2	2	1	0	1	0	0	0	1	0	0		
560	2141	0.2	37.5	5.7	56.8	37	12	1	4	2	2	6	3	16	0	1	8	2	3	3	3	0	0	0	0	1	0	0	0		
560	2143	0.1	38.4	17.2	44.4*	44	6	4	6	1	3	3	5	16	0	0	5	2	1	3	4	0	1	0	0	0	0	0	0	FB	
560	2145	1.3	46.1	16.9	37.0	27	14	3	11	5	4	6	2	20	0	2	1	1	2	3	3	0	1	0	0	0	0	0	0	FB	
560	2146	0.6	40.9	13.9	45.2*	33	14	4	6	1	0	9	5	12	0	0	6	1	4	5	2	0	0	0	1	0	0	0	0	FB	
560	2149	1.1	50.9	2.8	46.3	15	9	0	1	6	7	4	10	26	3	0	5	2	7	5	0	0	3	0	0	0	0	0	0		
560	2150 A	2.2	49.0	12.6	38.4	11	16	3	4	1	3	11	1	31	1	1	8	4	3	3	0	0	0	0	0	1	0	0	0		
560	2153	1.0	33.5	10.6	55.9	26	4	4	4	2	1	6	4	29	5	0	12	0	4	4	0	0	0	0	0	0	0	0	0		
560	2155	0.4	53.9	10.6	35.5	20	9	2	7	3	1	5	6	33	0	3	9	2	1	2	4	0	0	0	0	0	0	0	0	FB	
560	2163	0.4	49.6	13.3	37.1*	39	13	2	6	2	0	13	0	17	2	0	6	0	0	2	2	0	0	0	0	0	0	0	0	FB	
560	2165	0.2	77.0	10.3	12.7*	38	5	0	3	3	0	5	11	27	0	5	5	0	0	3	3	0	0	0	0	0	0	0	0	FB	
560	2166	0.3	47.8	16.2	36.0	22	15	1	8	12	1	4	2	20	0	0	6	3	3	1	4	0	1	0	2	0	1	0	0		
560	2167	0.5	45.0	13.3	41.7	24	8	1	10	5	6	3	5	19	0	4	9	6	2	2	1	0	0	0	2	0	0	0	0		
560	2169	0.2	61.2	4.1	34.7	15	14	0	4	6	6	4	10	22	1	1	10	0	4	2	4	0	1	0	0	0	0	0	0		
560	2170	0.3	47.8	16.4	35.8	24	11	2	4	3	2	7	4	31	1	2	8	2	0	2	3	0	0	0	0	0	0	0	0	FB	
560	2174	0.3	45.9	3.1	51.0	38	2	3	4	2	2	4	4	26	0	0	7	4	1	1	2	0	1	0	0	0	1	0	0		
560	2178	0.3	39.8	9.2	51.0	35	9	2	6	2	3	2	3	23	1	1	6	2	2	0	1	0	2	0	0	0	0	0	0		
560	2186	1.3	44.3	11.8	43.9	27	10	1	7	3	2	2	7	28	0	3	5	1	4	2	2	0	1	0	1	0	0	0	0		
560	2188	0.8	40.8	19.2	40.0	49	8	2	8	6	1	3	2	15	0	1	0	1	4	1	2	0	0	0	0	0	0	0	0		
560	2190	1.3	51.0	9.8	39.2	17	9	2	11	5	3	10	8	19	1	0	5	3	4	2	3	0	0	0	0	1	0	0	CZ	1	
560	2193	1.2	45.8	14.6	39.6	18	6	2	11	11	3	7	2	21	0	4	9	1	7	2	2	0	0	0	1	0	0	0	0		
560	2194		44.4	32.6	23.0	11	11	4	14	3	1	6	7	24	0	2	7	3	1	6	2	0	1	0	0	1Q	0	0	0		
560	2200	1.0	39.7	6.0	54.3	42	6	1	5	4	1	4	2	17	1	0	8	6	3	0	1	0	0	0	2	0	0	1	0		
560	2201	1.6	35.4	11.6	53.0	24	4	0	4	3	2	5	3	34	6	0	14	2	3	1	2	0	0	0	0	0	0	0	0	FB	
560	2203	1.9	46.5	18.8	34.7	20	6	1	8	6	0	7	5	33	3	5	6	2	2	2	3	0	2	0	0	0	0	0	0		
560	2205	1.0	39.7	19.0	41.3	18	9	1	13	10	1	0	4	33	2	6	4	1	3	1	1	0	1	0	1	0	0	0	0	BR	1
560	2207	2.5	50.3	26.1	23.6	10	4	1	8	10	2	2	0	55	3	22	5	1	0	1	2	0	1	0	0	0	0	0	0		
560	2209	0.6	33.8	29.1	37.1	24	7	2	7	8	2	3	4	35	0	5	4	1	2	1	1	0	0	0	0	0	0	0	0		
560	2210	1.7	35.7	31.1	33.2	20	2	1	9	17	3	2	2	31	1	1	9	1	1	1	5	0	1	0	0	0	0	0	0		
560	2212	1.8	20.5	34.1	45.4	43	6	0	7	3	0	7	3	17	0	0	10	1	1	0	2	0	0	0	0	1	0	0	0		
560	2216		19.1	19.1	61.8	10	10	1	1	2	0	1	0	65	19	16	9	1	0	0	0	0	0	0	0	0	1	0	0		
560	2222	1.4	55.8	1.3	42.9*	42	27	1	0	2	0	0	5	20	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0		
560	2233	1.0	33.5	5.5	61.0	20	12	2	3	7	3	1	3	37	0	8	6	2	1	2	3	0	0	0	0	1	0	0	0		
560	2237		17.9	.8	81.3	57	8	3	1	3	0	0	2	16	1	0	5	2	0	2	0	0	1	0	0	0	0	0	0		
560	2241		34.0	1.3	64.7	30	32	0	2	1	2	0	6	10	0	1	5	4	1	4	0	0	1	0	2	0	0	0	0		
560	2247	1.8	95.8	4.2	.0	8	9	0	0	2	10	2	35	9	0	0	3	16	5	1	0	2	0	3	0	0	0	0	0		
560	2249		16.1	12.7	71.2	30	20	0	1	2	1	4	5	6	1	1	21	4	0	5	1	0	0	0	0	0	0	0	0		
560	2252		34.0	.6	65.4	34	26	0	1	1	1	7	2	4	0	1	14	7	1	2	0	0	0	0	0	0	0	0	0		
560	2255		41.0	1.1	57.9	15	37	6	0	0	0	4	1	2	0	1	19	11	0	3	0	0	1	0	1	0	0	0	0		
560	2258		28.0	1.4	70.6	28	38	0	0	0	1	5	1	7	0	3	11	4	2	3	0	0	0	0	0	0	0	0	0		
560	2265		46.0	1.6	52.4	9	41	0	0	0	0	3	5	7	1	0	23	3	1	8	0	0	0	0	0	0	0	0	0		
560	2267		27.2	4.8	68.0	1	51	0	0	0	4	0	9	13	4	1	15	2	0	5	0	0	0	0	0	0	0	0	0		

CODE #	STATION #	WT. % MINERALS HEAVY	OPAQ	ALTD	NON OPAQ	AM	EP	ZO	AU	HY	TI	TO	ZI	GT	GP	GO	ST	KY	AN	SL	UN	SP	RU	DU	GL	MO	AP	HB	AG	X	AX
560	2270		43.2	2.7	54.1	12	58	1	0	1	0	1	10	4	0	1	4	0	1	2	1	0	0	0	0	0	0	0	CZ	1
560	2277 A		36.9	.0	63.1	13	39	0	0	0	3	4	6	3	1	2	11	15	0	6	0	0	0	0	0	0	0	0		
560	2283		20.0	.0	80.0	22	54	0	0	0	0	1	4	3	0	1	7	4	0	5	0	0	0	0	0	0	0	0		
560	2286		43.2	.0	56.8	11	42	0	0	0	0	1	11	4	0	2	13	9	0	5	0	0	4	0	0	0	0	0		
560	2291		16.3	2.4	81.3	45	43	0	0	0	0	3	1	0	1	0	1	4	0	2	0	0	0	0	0	0	0	0		
560	2301		31.5	2.6	65.9	19	45	0	0	0	0	0	12	1	0	0	13	6	0	3	0	0	1	0	0	0	0	0		
560	2302	0.6	32.5	6.1	61.4*	19	43	0	7	0	2	2	7	5	0	0	5	5	0	5	2	0	0	0	0	0	0	0		
560	2309	1.6	46.6	1.0	52.4	1	7	0	0	0	6	2	17	23	0	6	36	3	0	3	1	0	2	0	0	0	0	0		
560	2312	3.2	45.0	9.1	45.9	18	19	2	1	2	2	1	9	19	0	6	18	4	0	3	0	0	1	0	0	2	0	0		
560	2330	1.6	22.2	16.0	61.8	41	11	3	3	7	2	4	6	16	0	4	2	0	0	4	2	0	0	0	0	0	1	0		
560	2333		6.1	7.0	86.9	32	11	3	20	15	0	5	1	9	0	5	0	1	1	0	0	0	0	0	2	0	0	0		
560	2418		21.8	.0	78.2	15	45	0	0	0	0	3	5	6	1	0	11	2	2	7	0	0	4	0	0	0	0	0		
560	2430		11.4	.9	87.7	43	44	0	0	0	0	1	0	1	0	0	1	6	0	4	0	0	0	0	0	0	0	0		
560	2451		8.3	.0	91.7	40	50	0	0	0	0	0	1	2	0	0	3	2	0	2	0	0	0	0	0	0	0	0		

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Code Lines 600 and 620 Gravel analyses

Code lines 600 and 620 contain descriptions of the gravel fraction of the samples. Line 600 gives the results of pebble counts on specified size fractions. Line 620 gives a general description of specific features present in the gravel. For detailed discussion of these gravels see Schlee and Pratt (1970).

Acknowledgements

The pebble identifications and counts were made by John Schlee and Richard M. Pratt. The data records were coded by J.F. Jones. Mary Hunt wrote the computer program for decoding and listing the analyses.

Explanation of headings

CODE #	600 denotes pebble identifications and counts. 620 denotes descriptive features of the gravel.
STATION #	As described under code line 100 above.
SIZE	Size limits of gravel fraction analyzed, usually 8-16 mm and greater than 64 mm.
COUNT	Line 600 only - The number of pebbles of indicated type in a count of 100 pebbles of the 8-16 mm fraction, or the total number of pebbles of indicated type in the fraction greater than 64 mm.
DESCRIPTION	In line 600 - the type of rock with appropriate modifiers. In line 620 - specific features or materials accompanying the gravel fraction.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
600	Code No.	3-5	A	3
(601-609	Station No.	8-11	A	4
used for	Station letter	12	A	1
contin-	Subsample letter	13	A	1
uation)	Coded gravel data Each group of 3 positions contains a letter followed by 2 numbers ( ) S (size class) C (count) T (type) M (modifier) P (percent of this type within count)	19-78	A,I	variable, up to 20 groups
	continuation signal (1)	80	I	1

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
620	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Fossils	19	A	1
	Varnish	21	A	1
	Weathering rinds	23	A	1
	Striations	25	A	1
	Cinders	27	A	1
	Wood	29	A	1
	Artifacts	31	A	1
	Comments	36-79	A	44

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	M093 A	> 64 MM.	1	FELDSPATHIC GRAY GREEN ARKOSE
600	S057	8-16 MM.	7	VEIN QUARTZ
			4	CHERTY VOLCANICS
			16	CRYSTALLINE GRAY BROWN META QUARTZITE
			4	CHLORITIC QUARTZOSE SCHIST
			17	SPOTTED FINE GRAINED MICACEOUS QUARTZOSE GNEISS
			1	MAFICS
			26	COARSE GRAINED GRANITICS
			7	MAINLY LAMPROPHYRIC BASALT
			12	FELSITE
				MINOR VOLCANICS
				SOME APLITE
			6	SEDIMENTARY ROCKS
				DARK GRAY MAINLY SUBGRAYWACKE
620	S057			VARNISH, VARNISH SLIGHT.
600	S059	8-16 MM.	7	VEIN QUARTZ
			7	CHERT
			17	DARK GRAY META LINEATED QUARTZITE
			7	CHLORITIC SERICITIC FINE GRAINED SCHIST
			7	QUARTZOSE GNEISS
			2	MAFICS
			23	GRANITICS
			14	SILICIFIED APLITIC FELSITE
			7	MAINLY LAMPROPHYRIC BASALT
			9	SEDIMENTARY ROCKS
				MAINLY QUARTZOSE SUBGRAYWACKE
600	S078	8-16 MM.	5	VEIN QUARTZ
			1	PHYLLITE
			10	QUARTZITE
			4	CHLORITIC BIOTITIC QUARTZOSE SCHIST
			12	SPOTTED GARNETIFEROUS GNEISS
			4	MAFICS
			23	COARSE GRAINED CRYSTALLINE GRANITICS
			4	LAMPROPHYRIC BASALT
			29	APLITIC QUARTZOSE MICACEOUS FELSITE
			8	MAINLY DARK SANDSTONE
				SILTSTONE
				LIMESTONE
620	S078			WEATHERING RINDS, GEO PETAL RIMS
600	S088	8-16 MM.	3	VEIN QUARTZ
			10	DARK FINE GRAINED QUARTZITE
			5	CHLORITIC SCHIST
			26	FINE GRAINED APLITIC GNEISS, 50%
				SPOTTED GNEISS, 20%
			1	MAFICS
			28	GRANITICS
			6	LAMPROPHYRIC BASALT
			18	MICACEOUS QUARTZOSE APLITIC FELSITE
			3	LIMESTONE
620	S088			HEAVILY STAINED
600	S132	8-16 MM.	9	WHITE VEIN QUARTZ
			2	LIGHT GRAY CHERT

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	S132	8-16 MM.	14	QUARTZITE
			13	BIOTITIC SCHIST
			3	GNEISS
			10	COARSE GRAINED GRAY PINK GRANITICS
			4	MAFICS
			11	APLITIC FELSITE
				META VOLCANICS
			11	DIABASE
			22	RED SANDSTONE
				ARKOSE , 50%
				META GRAY QUARTZOSE SANDSTONE
				SHALE , 50%
			1	SLATE
620	S132			FOSSILS, VARNISH, WEATHERING RINDS
600	W017	8-16 MM.	6	VEIN QUARTZ
			2	GRAY GREEN DARK CHERT
			20	DARK GRAY CRYSTALLINE QUARTZITE
			5	DARK GRAY MICACEOUS SCHIST
			3	GNEISS
			2	MAFICS
			6	GRANITICS
			6	LAMPROPHYRIC BASALT
			6	FELSITE
				META VOLCANICS
			44	BROWN SILTY CLAY CONCRETIONS, 35%
				META SANDSTONE
				SHALE , 65%
620	W017			WEATHERING RINDS, DARK AND STAINED
600	W019	8-16 MM.	20	VEIN QUARTZ
			4	CHERT
			22	DARK QUARTZITE
			9	SCHIST
			9	GNEISS
			18	GRANITICS
			4	BASALT
			9	FELSITE
				APLITE
			5	META VOLCANICS
			5	SEDIMENTARY ROCKS
620	W019			HEAVILY STAINED
600	W091	8-16 MM.	59	VEIN QUARTZ
			1	CHERT
			11	LIGHT BROWN QUARTZITE
			4	QUARTZOSE GNEISS
			5	GRANITICS
			5	LAMPROPHYRIC BASALT
			7	FELSITE
			8	SEDIMENTARY ROCKS
				QUARTZOSE MAINLY SANDSTONE
600	W093	8-16 MM.	50	VEIN QUARTZ
			5	CHERT
			13	LIGHT BROWN QUARTZITE
			1	CHLORITIC MICACEOUS SCHIST
			2	GNEISS
			5	COARSE GRAINED CRYSTALLINE GRANITICS
			8	BASALT
				AND LAMPROPHYRE
			9	FELSITE
				AND VOLCANICS
			7	SILTSTONE
				MINOR SANDSTONE
620	W093			BRYOZOA. ALGAE.
600	W095	8-16 MM.	47	VEIN QUARTZ
			7	BROWN CHERT
			11	LIGHT BROWN QUARTZITE
			1	GNEISS
			3	GABBROIC MAFICS
			7	GRANITICS
			9	LAMPROPHYRIC BASALT
			11	FINE GRAINED APLITIC FELSITE
			4	QUARTZOSE SANDSTONE
600	W112	8-16 MM.	22	VEIN QUARTZ
			4	GRAY BROWN RED CHERT
			19	MYLONITIC CHERTY DARK QUARTZITE
			5	SPOTTED QUARTZOSE GNEISS
			2	COARSE GRAINED MAFICS
			7	FINE GRAINED CRYSTALLINE GRANITICS
			17	BASALT

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	W112	8-16 MM.		AND LAMPROPHYRE
			17	APLITE
				AND PORPHYRITIC VOLCANICS
			4	FINE GRAINED ARGILLITE
			3	JASPER
				CHERT
600	W118	8-16 MM.	6	VEIN QUARTZ
			2	CHERT
			16	DARK GRAY RED QUARTZITE
			4	QUARTZOSE FINE GRAINED CRYSTALLINE SCHIST
			6	MAFICS
			23	GRANITICS
			4	FELSITE
			8	BASALT
			31	LIMESTONE
				GRAY VEIN QUARTZ
				GRAY CALCAREOUS SANDSTONE
620	W118			VARNISH, WOOD, MN OR FE STAINED DK GR-BLK.
600	W120	> 64 MM.	1	FINE GRAINED PEGMATITIC GRANITICS
600	W124	8-16 MM.	11	VEIN QUARTZ
			5	CHERT
			14	DARK GRAY MYLONITIC SOME QUARTZITE
			6	CHLORITIC SCHIST
			3	CHLORITIC QUARTZOSE GNEISS
			4	MAFICS
			11	GRANITICS
			19	LAMPROPHYRIC MAINLY BASALT
			16	APLITIC PORPHYRITIC FELSITE
			11	SEDIMENTARY ROCKS
				MAINLY SANDSTONE
600	W144	8-16 MM.	14	VEIN QUARTZ
			6	CHERT
			12	DARK COARSE GRAINED CRYSTALLINE QUARTZITE
			10	COARSE GRAINED CRYSTALLINE CHLORITIC SCHIST
			8	CHLORITIC COARSE GRAINED CRYSTALLINE QUARTZOSE GNEISS
			4	MAFICS
			8	CRYSTALLINE GRANITICS
			4	FELSITE
			14	LAMPROPHYRIC BASALT
			18	SANDSTONE
				RED LIMESTONE
			2	GRAY SLATE
620	W144			DARK
600	W146	8-16 MM.	6	VEIN QUARTZ
			3	CHERT
			12	DARK RED QUARTZITE
			5	CHLORITIC SCHIST
			12	FINE GRAINED MAINLY MICACEOUS QUARTZOSE SPOTTED GNEISS
			24	GRANITICS
			8	LAMPROPHYRIC BASALT
			11	APLITIC FELSITE
			19	SILTSTONE
				FINE GRAINED MAINLY SANDSTONE
				DARK GRAY LIMESTONE
600	W157	8-16 MM.	18	VEIN QUARTZ
			2	CHERT
			17	DARK GRAY BROWN QUARTZITE
			1	SCHIST
			2	MAFICS
			20	GRANITICS
			9	LAMPROPHYRIC BASALT
			25	FELSITE
				PORPHYRITIC VOLCANICS
				APLITE
			6	QUARTZOSE SANDSTONE
620	W157			ALGAE
600	W165	> 64 MM.	1	GABBRO
620	W165			CLEAN
600	W195	8-16 MM.	14	VEIN QUARTZ
			2	BLACK CHERT

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	W195	8-16 MM.	14	QUARTZITE
			6	SCHIST
			3	GNEISS
			11	MAFICS
			12	FELDSPATHIC VERY GABBROIC GRANITICS
			23	LAMPROPHYRIC BASALT PORPHYRITIC VOLCANICS
			14	FELSITE PORPHYRITIC VOLCANICS APLITE
			1	SANDSTONE
620	W195			CLEAN
600	W197	8-16 MM.	14	VEIN QUARTZ
			1	PHYLLITE
			10	DARK QUARTZITE META SANDSTONE
			3	BROWN QUARTZOSE SCHIST
			6	QUARTZOSE MICACEOUS GNEISS
			4	MAFICS
			18	GRANITICS
			14	LAMPROPHYRIC BASALT DIABASE
			11	APLITIC FELSITE
			13	META SANDSTONE SUBGRAYWACKE SILTSTONE
600	W200	8-16 MM.	28	VEIN QUARTZ
			3	CHERT
			15	DARK QUARTZITE
			2	CHLORITIC SCHIST
			7	FINE GRAINED CRYSTALLINE GNEISS
			17	GRANITICS
			3	BASALT
			19	FELSITE PORPHYRITIC VOLCANICS
			6	QUARTZOSE RED SANDSTONE
600	W205	8-16 MM.	38	VEIN QUARTZ
			2	CHERT
			13	DARK META SHEARED QUARTZITE
			5	CHLORITIC MICACEOUS SCHIST
			5	FINE GRAINED CRYSTALLINE QUARTZOSE GNEISS
			1	MAFICS
			11	PEGMATITIC GRANITICS
			14	LAMPROPHYRIC BASALT
			8	APLITIC FELSITE PORPHYRITIC SHEARED VOLCANICS
			3	BROWN SANDSTONE SILTSTONE
620	W205			CLEAN
600	W227	8-16 MM.	40	VEIN QUARTZ
			11	DARK SHEARED QUARTZITE
			2	SCHIST
			8	FINE GRAINED CRYSTALLINE QUARTZOSE GNEISS
			5	GABBROIC MAFICS
			15	GRANITICS
			10	FELSITE PORPHYRITIC VOLCANICS APLITE
			3	LAMPROPHYRIC BASALT
			6	SEDIMENTARY ROCKS QUARTZOSE MAINLY SANDSTONE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
620	1001			WEATHERING RINDS, ALGAE
600	1007	8-16 MM.	24	VEIN QUARTZ
			2	CHERT
			7	QUARTZITE
			1	SCHIST
			4	GRANITIC GNEISS
			2	MAFICS
			39	GRANITICS
			5	SLIGHTLY WEATHERED FELSITE
			12	LAMPROPHYRE
			5	MAINLY SANDSTONE
		> 64 MM.	2	GRANITIC GNEISS
			44	GRANITICS
				SLIGHTLY WEATHERED FELSITE
620	1007			WEATHERING RINDS, MANY BRYOZOA. ORANGE PATINA ON PEBBLES.
600	1011	8-16 MM.	34	VEIN QUARTZ
			2	CHERT
			14	QUARTZITE
			2	SCHIST
			9	GNEISS
			4	MAFICS
			13	GRANITICS
			12	WEATHERED FELSITE
			7	BASALT
			3	SEDIMENTARY ROCKS
620	1011			WEATHERING RINDS, BRYOZOA
600	1016	8-16 MM.	10	VEIN QUARTZ
			4	PHYLLITE
			1	QUARTZITE
			15	RED META SILTY SCHIST
			18	GNEISS
			43	GRANITICS
			4	BASALT
			4	FELSITE
			1	SEDIMENTARY ROCKS
620	1016			VARNISH, WEATHERING RINDS
600	1017	8-16 MM.	5	VEIN QUARTZ
			2	CHERT
			13	MICACEOUS QUARTZITE
			14	MICACEOUS QUARTZOSE SCHIST
			10	GNEISS
			2	MAFICS
			8	GRANITICS
			3	FELSITE
			29	BASALT
				SOME LAMPROPHYRE
			12	FINE GRAINED QUARTZOSE SILTSTONE
				GRAYWACKE
				ARKOSE
			2	CHLORITIC SERPENTINE
		> 64 MM.	1	WEATHERED CHLORITIC MICACEOUS GABBRO
			1	QUARTZOSE MICACEOUS SCHIST
620	1017			FOSSILS, WEATHERING RINDS, STRIATIONS
600	1020	8-16 MM.	3	VEIN QUARTZ
			4	SLATE
			19	DARK GRAY MICACEOUS QUARTZITE
			15	SCHIST
			4	GNEISS
			18	GRANITICS
			27	BASALT
			3	FELSITE
			7	SEDIMENTARY ROCKS
				ARKOSE , 40%
620	1020			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, RINDS ON APLITIC ROCKS
600	1022	> 64 MM.	1	DIABASE
600	1026	8-16 MM.	10	VEIN QUARTZ
			2	SLATE
			13	DARK VEIN QUARTZ
			18	BIOTITIC QUARTZOSE SCHIST
			17	FINE GRAINED COARSE GRAINED GRANITIC BIOTITIC GNEISS
			19	GRANITICS
			1	SERPENTINE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1026	8-16 MM.	10	APLITE
				META SANDSTONE
			3	BASALT
			1	RED SANDSTONE
			6	META SUBGRAYWACKE
620	1026			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VERY ANGULAR GRANITES
600	1034	8-16 MM.	3	VEIN QUARTZ
			1	CHERT
			9	MAINLY DARK GRAY QUARTZITE
			8	CHLORITIC SCHIST
			12	SOME GARNETIFEROUS MAINLY SHEARED GNEISS
			21	GNEISSIC GRANITICS
			2	CHLORITIC MAFICS
			7	FELSITE
			22	BASALT
			14	META SUBGRAYWACKE
				SLIGHT ARKOSE
				LIMESTONE
				META SILTSTONE
				CHLORITIC PYRITIFEROUS SILTSTONE
			1	SLATE
		> 64 MM.	1	ROUNDED PINK COARSE GRAINED GRANITICS
620	1034			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, 1 PIECE OF WOOD
600	1036	8-16 MM.	5	VEIN QUARTZ
			1	SLATE
			2	CHERT
			9	DARK GRAY QUARTZITE
			2	GNEISS
			5	ALTERED GRANITICS
			22	BASALT
				LAMPROPHYRE
			8	ACID VOLCANICS
			45	ARKOSE
				RED SHALE, 40%
				GRAY SANDSTONE
				SHALE , 40%
				LIMESTONE , 20%
		> 64 MM.	1	RED FINE GRAINED SANDSTONE
			1	PEBBLY MUDSTONE
				GRAYWACKE
			1	GRAY META VOLCANICS
			1	COARSE GRAINED SUBGRAYWACKE
			1	MICACEOUS CALCAREOUS SCHIST
			1	GRAY FINE GRAINED LIMESTONE
			1	SILICIFIED PYRITIFEROUS CALCAREOUS VOLCANICS
			1	DIABASE
620	1036			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS
600	1038	> 64 MM.	1	GRAY PORPHYRITIC CHERTY VOLCANICS
620	1038			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1041	8-16 MM.	3	VEIN QUARTZ
			3	CHERT
			10	FINE GRAINED DARK QUARTZITE
			11	CHLORITIC SCHIST
			2	GNEISS
			10	GRANITICS
			3	APLITE
			25	BASALT
			31	RED SANDSTONE
				SILTSTONE , 40%
				PEBBLY GRAYWACKE
				QUARTZOSE SUBGRAYWACKE, 20%
			2	SLATE
620	1041			FOSSILS, VARNISH, WEATHERING RINDS
600	1043	8-16 MM.	2	VEIN QUARTZ
			2	CHERT
			18	QUARTZITE
			4	SCHIST
			27	FINE GRAINED CRYSTALLINE MICACEOUS QUARTZOSE GNEISS
			1	MAFICS
			19	GRANITICS
			15	BASALT
			4	APLITE
			7	SEDIMENTARY ROCKS
620	1043			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1046	8-16 MM.	9	WHITE VEIN QUARTZ
			9	DARK GRAY SLATE
			13	DARK GRAY QUARTZITE
			4	GREEN CHLORITIC SCHIST
			9	CHLORITIC GNEISS
			1	MAFICS
			4	FELSITE
			9	BASALT
			15	LAMPROPHYRE
			24	RED SANDSTONE GRAYWACKE
			3	CHERT
		> 64 MM.	1	ARKOSIC CALCAREOUS SANDSTONE
620	1046			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VERY ANGULAR, DK GRN.GRY
600	1047 A	8-16 MM.	6	VEIN QUARTZ
			1	CHERT
			2	SLATE
			9	QUARTZITE
			6	MICACEOUS SCHIST
			8	GNEISS
			13	GRANITICS
			25	BASALT LAMPROPHYRE
			4	FELSITE
			26	RED SILTSTONE ARKOSE MICACEOUS QUARTZOSE GRAY SANDSTONE
		> 64 MM.	2	MICACEOUS QUARTZITE
			1	CALCAREOUS SANDSTONE SUBGRAYWACKE
			1	DARK GRAY MICACEOUS SCHIST
620	1047 A			FOSSILS, VARNISH, WEATHERING RINDS, CINDERS, ONLY A FEW STRIATIONS
600	1050	8-16 MM.	4	VEIN QUARTZ
			2	CHERT
			8	MINOR ROSE QUARTZITE
			5	SCHIST
			7	GNEISS
			7	GRANITICS
			5	FELSITE
			29	BASALT LAMPROPHYRE
			29	RED ARKOSE SANDSTONE , 33% QUARTZOSE SUBGRAYWACKE, 33%
			1	CINDERS
			1	SLATE
		> 64 MM.	1	PEGMATITIC GRANITICS
			1	ACID PORPHYRITIC VOLCANICS
620	1050			FOSSILS, VARNISH, WEATHERING RINDS, CINDERS
600	1052	> 64 MM.	1	COARSE GRAINED WHITE GRANITICS
			1	FINE GRAINED RED CALCAREOUS SILTSTONE
620	1054			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1076	8-16 MM.	55	VEIN QUARTZ
			4	BLACK CHERT
			19	QUARTZITE
			1	SCHIST
			2	GNEISS
			1	MAFICS
			2	GRANITICS
			1	FELSITE
			3	BASALT MAINLY LAMPROPHYRE
			12	SEDIMENTARY ROCKS DARK GRAY SUBGRAYWACKE
			1	SILICIFIED OOLITE
620	1076			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, GREENISH RINDS, WELL RNDED QUARTZ
600	1100	> 64 MM.	1	ROTTED DIABASE
			1	FRESH DIABASE
620	1100			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1101	8-16 MM.	25	VEIN QUARTZ
			10	QUARTZITE
			11	MICACEOUS SCHIST
			6	GNEISS
			7	GABBRO
			15	GRANITICS
			3	FELSITE
			12	BASALT
			11	SEDIMENTARY ROCKS
620	1101			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1102	8-16 MM.	43	VEIN QUARTZ
			1	SLATE
			17	QUARTZITE
			5	SCHIST
			3	GNEISS
			5	GABBRO
			5	GRANITICS
			2	FELSITE
			8	BASALT
				MAINLY LAMPROPHYRE
			11	SEDIMENTARY ROCKS
		> 64 MM.	1	MICACEOUS GNEISS
620	1102			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1103	8-16 MM.	40	VEIN QUARTZ
			1	CHERT
			10	QUARTZITE
			6	MICACEOUS SCHIST
			6	GNEISS
			9	COARSE GRAINED CRYSTALLINE GABBRO
			10	GRANITICS
			3	FELSITE
			10	BASALT
				LAMPROPHYRE
			5	SEDIMENTARY ROCKS
		> 64 MM.	2	QUARTZOSE MICACEOUS SCHIST
			4	META QUARTZITE
			1	MICACEOUS QUARTZITE
			1	PEGMATITIC GRANITICS
			1	DIABASE
			1	VEIN QUARTZ
			1	DIORITE
620	1103			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, SOME WITH BRYOZOA.
600	1116	8-16 MM.	10	VEIN QUARTZ
			1	CINDERS
			3	CHERT
			15	QUARTZITE
			7	MICACEOUS SCHIST
			7	GRANITIC GNEISS
			3	MAFICS
			20	GRANITICS
			2	FELSITE
			16	BASALT
			16	QUARTZOSE SUBGRAYWACKE
620	1116			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, 1 CINDER
600	1120	8-16 MM.	57	VEIN QUARTZ
			15	DARK GRAY QUARTZITE
			4	MICACEOUS QUARTZOSE SCHIST
			1	GNEISS
			3	COARSE GRAINED CRYSTALLINE MAFICS
			13	GRANITICS
			3	FELSITE
			3	BASALT
			1	QUARTZOSE SANDSTONE
620	1120			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
620	1126			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
620	1127			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1129	8-16 MM.	37	VEIN QUARTZ
			3	CHERT

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1129	8-16 MM.	15	QUARTZITE
			1	SCHIST
			5	GNEISS
			12	MAFICS
			8	FELSITE
			8	BASALT
			11	FINE GRAINED SILICIFIED SEDIMENTARY ROCKS
620	1129			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1130	> 64 MM.	1	FINE GRAINED LAMPROPHYRE
			1	QUARTZOSE SCHIST
620	1130			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1131	8-16 MM.	21	VEIN QUARTZ
			2	CHERT
			13	QUARTZITE
			5	MICACEOUS CHLORITIC SCHIST
			6	GNEISS
			3	MAFICS
			21	COARSE GRAINED CRYSTALLINE GRANITICS
			4	FELSITE
			6	BASALT
				MAINLY LAMPROPHYRE
			19	ARKOSIC QUARTZOSE SANDSTONE
620	1131			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1133	8-16 MM.	7	VEIN QUARTZ
			3	CHERT
			14	MAINLY QUARTZITE
			6	CHLORITIC SCHIST
			6	GNEISS
			6	MAFICS
			17	GRANITICS
			7	FELSITE
			3	BASALT
			31	ARKOSIC SANDSTONE
				SHALE
620	1133			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VARNISH DISTINCT & DINGY
600	1134	8-16 MM.	7	VEIN QUARTZ
			2	CHERT
			14	QUARTZITE
			9	SCHIST
			9	GNEISS
			3	MAFICS
			13	GRANITICS
			6	FELSITE
			12	BASALT
				MAINLY LAMPROPHYRE
			24	MINOR RED SANDSTONE
			1	SLATE
		> 64 MM.	3	QUARTZOSE GNEISS
			1	PINK GRANITICS
			2	QUARTZOSE SCHIST
			1	LAMPROPHYRE
			1	WHITE COARSE GRAINED CRYSTALLINE GRANITICS
620	1134			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VARNISH INCIPIENT AND DINGY. SOME STAIN
600	1136	8-16 MM.	8	VEIN QUARTZ
			8	QUARTZITE
			15	MICACEOUS QUARTZOSE SCHIST
			11	GNEISS
			1	MAFICS
			39	COARSE GRAINED PINK PEGMATITIC GRANITICS
			8	FELSITE
				MAINLY APLITE
			5	BASALT
			5	META SANDSTONE
		> 64 MM.	1	GRAY FINE GRAINED QUARTZOSE BIOTITIC APLITE
620	1136			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VARNISH DINGY.SOME IRON OXIDE STAINING
600	1137	> 64 MM.	1	COARSE GRAINED PINK GRANITICS
			1	MICACEOUS QUARTZOSE SCHIST
620	1137			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1138	8-16 MM.	2	VEIN QUARTZ

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1138	8-16 MM.	1	CHERT
			9	QUARTZITE
			22	MICACEOUS QUARTZOSE SCHIST
			14	GNEISS
			3	MAFICS
			25	COARSE GRAINED PEGMATITIC GRANITICS
			9	FELSITE
				MAINLY APLITE
			5	BASALT
				MAINLY LAMPROPHYRE
			10	GRAYWACKE
				SILICIFIED SILTSTONE
620	1138			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, A FEW BRYOZOANS
600	1139	8-16 MM.	6	VEIN QUARTZ
			2	QUARTZITE
			11	QUARTZOSE MICACEOUS EVEN-GRAINED SCHIST
			6	GARNETIFEROUS MICACEOUS GNEISS
			2	MAFICS
			42	GRANITICS
			11	FELSITE
			13	BASALT
				LAMPROPHYRE
			7	CHLORITIC SANDSTONE
		> 64 MM.	2	PINK COARSE GRAINED QUARTZOSE FELDSPATHIC GRANITICS
			1	QUARTZOSE GRAY APLITE
600	1140	8-16 MM.	3	VEIN QUARTZ
			4	QUARTZITE
			9	MICACEOUS QUARTZOSE SCHIST
			21	MICACEOUS QUARTZOSE GNEISS
			1	PINK MAFICS
			31	COARSE GRAINED PEGMATITIC GNEISS
			17	MAINLY QUARTZOSE APLITIC FELSITE
			5	BASALT
			9	QUARTZOSE SUBGRAYWACKE
				SANDSTONE
				ARKOSE
		> 64 MM.	3	QUARTZOSE BIOTITIC GRAY APLITE
620	1140			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1141	8-16 MM.	1	VEIN QUARTZ
			2	CHERT
			9	QUARTZITE
			2	SCHIST
			16	MICACEOUS QUARTZOSE GNEISS
			1	MAFICS
			33	COARSE GRAINED PEGMATITIC GNEISS
			20	BASALT
			20	QUARTZOSE APLITIC FELSITE
			15	QUARTZOSE ARKOSIC SANDSTONE
			1	SLATE
620	1141			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1144	8-16 MM.	5	QUARTZITE
			1	CHERT
			4	SCHIST
			26	FINE GRAINED CRYSTALLINE QUARTZOSE GNEISS
			1	MAFICS
			13	GRANITICS
			5	BASALT
				AND LAMPROPHYRE
			36	QUARTZOSE MICACEOUS FELSITE
				GNEISSIC APLITE
			9	FINE GRAINED QUARTZOSE SUBGRAYWACKE
620	1144			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, RATHER FRESH
600	1146	> 64 MM.	1	QUARTZOSE MICACEOUS APLITE
600	1147	8-16 MM.	2	VEIN QUARTZ
			2	SLATE
			12	QUARTZITE
			4	SCHIST
			12	MICACEOUS QUARTZOSE GNEISS
			11	GRANITICS
			28	SLIGHT GNEISSIC FELSITE
				META SANDSTONE
			7	BASALT
			22	QUARTZOSE SUBGRAYWACKE
				GRAY SANDSTONE
		> 64 MM.	2	QUARTZOSE MICACEOUS GRAY SCHIST

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1147	> 64 MM.	2	GRAY QUARTZOSE FELDSPATHIC BIOTITIC FINE GRAINED APLITE
620	1147			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, GOOD VARNISH HALF
600	1148	> 64 MM.	1	PORPHYRITIC GREENSTONE
600	1150	8-16 MM.	2	VEIN QUARTZ
			1	CHERT
			3	QUARTZITE
			1	SCHIST
			30	MAINLY FINE GRAINED BIOTITIC MICACEOUS QUARTZOSE GNEISS
			16	COARSE GRAINED CRYSTALLINE GRANITE
			5	BASALT
			35	FELSITE
			7	QUARTZOSE SUBGRAYWACKE
620	1150			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1151	8-16 MM.	5	VEIN QUARTZ
			2	CINDERS
			6	QUARTZITE
			6	SCHIST
			23	MICACEOUS QUARTZOSE SPOTTED GNEISS
			25	COARSE GRAINED GRANITICS
			25	QUARTZOSE MICACEOUS FELSITE
			2	BASALT
			6	SEDIMENTARY ROCKS
620	1151			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, 1 CINDER
600	1152	8-16 MM.	1	VEIN QUARTZ
			4	QUARTZITE
			1	SCHIST
			25	FINE GRAINED MICACEOUS QUARTZOSE GNEISS
			1	MAFICS
			18	COARSE GRAINED CRYSTALLINE PINK GRANITE
			12	BASALT AND LAMPROPHYRE
			30	APLITIC MICACEOUS QUARTZOSE FELSITE
			8	QUARTZOSE META SANDSTONE
		> 64 MM.	1	COARSE GRAINED PINK GRANITICS
			1	FINE GRAINED CRYSTALLINE GRAY APLITE
620	1152			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1154	8-16 MM.	5	VEIN QUARTZ
			2	CHERT
			11	MAINLY META QUARTZITE
			3	SCHIST
			19	MICACEOUS QUARTZOSE FINE GRAINED CRYSTALLINE GNEISS
			3	MAFICS
			16	COARSE GRAINED PINK GRANITICS
			27	MICACEOUS QUARTZOSE FELSITE APLITE META SANDSTONE
			7	MAINLY LAMPROPHYRIC BASALT
			7	QUARTZOSE SUBGRAYWACKE
620	1154			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, VERY DINGY. VARNISH INCIPIENT
600	1155	8-16 MM.	1	SLATE
			7	DARK META QUARTZITE
			7	SCHIST
			30	FINE GRAINED MICACEOUS QUARTZOSE GNEISS
				COARSE GRAINED CRYSTALLINE MICACEOUS QUARTZOSE GNEISS
			3	MAFICS
			13	GRAY GRANITICS
			13	BASALT AND LAMPROPHYRE
			16	MICACEOUS QUARTZOSE APLITIC FELSITE
			10	QUARTZOSE CHLORITIC SANDSTONE META SANDSTONE
		> 64 MM.	1	GRAY GRANITICS
			1	FINE GRAINED MICACEOUS QUARTZOSE CRYSTALLINE GNEISS
600	1156	8-16 MM.	1	VEIN QUARTZ
			1	SLATE
			2	QUARTZITE
			5	SCHIST
			2	GNEISS
			1	MAFICS
			77	COARSE GRAINED PINK FELDSPATHIC GRANITICS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1156	8-16 MM.	3	FELSITE
			4	BASALT AND LAMPROPHYRE
			4	SANDSTONE RED JASPER
		> 64 MM.	1	COARSE GRAINED CRYSTALLINE GRAY QUARTZITE
620	1156			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1157	8-16 MM.	1	VEIN QUARTZ
			4	META QUARTZITE
			39	PHLOGOPITIC QUARTZOSE COARSE GRAINED CRYSTALLINE SCHIST DARK GREEN FINE GRAINED CRYSTALLINE SCHIST
			35	GNEISS
			6	COARSE GRAINED PINK GRANITICS
			6	MICACEOUS QUARTZOSE APLITIC FELSITE
			7	MAINLY LAMPROPHYRE
			2	SEDIMENTARY ROCKS
620	1157			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, FRESH, BROKEN
600	1158	8-16 MM.	2	VEIN QUARTZ
			5	QUARTZITE
			20	MICACEOUS QUARTZOSE CHLORITIC SCHIST
			25	COARSE GRAINED CRYSTALLINE QUARTZOSE BIOTITIC GNEISS FINE GRAINED PHLOGOPITIC BIOTITIC GNEISS
			4	MAFICS
			28	GRANITICS
			10	MAINLY LAMPROPHYRE
			4	MICACEOUS QUARTZOSE APLITIC FELSITE
			2	SEDIMENTARY ROCKS
		> 64 MM.	1	GRAY CRYSTALLINE GNEISS
			1	COARSE GRAINED CRYSTALLINE GRANITIC GNEISS
620	1158			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS
600	1160	8-16 MM.	1	VEIN QUARTZ
			1	CHERT
			1	QUARTZITE
			39	CHLORITIC SPOTTED SCHIST
			23	QUARTZOSE SPOTTED PUNKY GNEISS
			7	GRANITICS
			5	QUARTZOSE MICACEOUS APLITE
			9	MAINLY LAMPROPHYRE
			14	MAINLY SILTSTONE
		> 64 MM.	1	CHLORITIC GREEN PYRITIFEROUS LAMPROPHYRE
620	1160			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1161	8-16 MM.	1	VEIN QUARTZ
			10	SLATE
			3	QUARTZITE
			64	SPOTTED GARNETIFEROUS SERICITIC SCHIST
			3	GNEISS
			2	GRANITICS
			2	MICACEOUS QUARTZOSE APLITIC FELSITE
			8	BASALT AND LAMPROPHYRE
			7	SUBGRAYWACKE
620	1161			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1162	8-16 MM.	1	QUARTZITE
			86	MAINLY MICACEOUS SPOTTED SCHIST
			2	GNEISS
			4	BASALT
			2	FELSITE
			5	SUBGRAYWACKE
620	1162			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1166	8-16 MM.	6	VEIN QUARTZ
			3	CHERT
			7	QUARTZITE
			6	CHLORITIC SCHIST
			3	GNEISS
			2	MAFICS
			10	MEDIUM TO COARSE GRAINED CRYSTALLINE GRANITICS
			14	BASALT AND LAMPROPHYRE
			9	FELSITE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1166	8-16 MM.		MAINLY VOLCANICS
			40	ARKOSE SUBGRAYWACKE SANDSTONE RED SILTSTONE
		> 64 MM.	1	FINE GRAINED RED SANDSTONE
620	1166			1 CINDER. SOME PEBBLES W/ MANGANESE CRUSTS.
600	1167	8-16 MM.	3	VEIN QUARTZ
			2	CHERT
			7	QUARTZITE
			4	CHLORITIC MICACEOUS SCHIST
			3	GNEISS
			1	MAFICS
			9	COARSE GRAINED PINK GRANITICS
			18	LAMPROPHYRIC BASALT DIABASE
			5	FELSITE VOLCANICS
			48	RED SANDSTONE SILTSTONE ARKOSE , 50% GRAY QUARTZOSE SANDSTONE DARK SHALE, 50%
		> 64 MM.	1	COARSE GRAINED CRYSTALLINE GRAY GRANITICS
			1	MICACEOUS QUARTZITE
620	1167			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, MN OXIDE.
600	1168	8-16 MM.	6	VEIN QUARTZ
			4	RED GRAY CHERT
			5	QUARTZITE
			8	CHLORITIC SCHIST
			6	GNEISS
			3	MAFICS
			10	GRANITICS , 50% COARSE GRAINED PINK GRANITICS, 50%
			5	LAMPROPHYRIC FELSITE MAINLY VOLCANICS
			11	BASALT AND LAMPROPHYRE
			42	ARKOSE QUARTZITE RED GREEN SANDSTONE
620	1168			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1169	8-16 MM.	4	VEIN QUARTZ
			1	CHERT
			6	QUARTZITE
			5	SCHIST
			3	GNEISS
			2	MAFICS
			15	COARSE GRAINED CRYSTALLINE GRANITICS
			3	FELSITE
			8	MAINLY LAMPROPHYRIC BASALT
			53	GREEN RED ARKOSE RED SILTSTONE
		> 64 MM.	1	CHLORITIC SCHISTOSE MIGMATITE
			1	QUARTZOSE FINE GRAINED CRYSTALLINE GNEISS
620	1169			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, VARNISH DINGY. WEATHERING SLIGHT.
620	1171			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD
600	1172	8-16 MM.	3	VEIN QUARTZ
			6	DARK GRAY PYRITIFEROUS HORNFELS
			5	CHERT
			16	DARK GRANITIC COARSE GRAINED CRYSTALLINE QUARTZITE
			3	SCHIST
			3	GNEISS
			2	MAFICS
			5	GRANITICS
			8	FELSITE MAINLY VOLCANICS
			18	BASALT SOME LAMPROPHYRE
			31	GREEN SEDIMENTARY ROCKS, 66% WEATHERING RINDS , 33%
620	1172			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1175	8-16 MM.	2	VEIN QUARTZ
			2	CHERT
			1	SPOTTED CHERT
			11	QUARTZITE
			2	GREENSTONE
			2	GNEISS
			3	MAFICS
			8	COARSE GRAINED CRYSTALLINE GRANITICS
			5	FELSITE
				MAINLY VOLCANICS
			20	BASALT
				AND LAMPROPHYRE
			43	GREEN SANDSTONE, 50%
				WEATHERING RINDS , 50%
				SHALE
				LIMESTONE
			1	IRONSTONE
620	1175			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, ANGULAR AND DIRTY
600	1176	8-16 MM.	5	VEIN QUARTZ
			3	DARK GRAY SLATE
			4	QUARTZITE
			10	CHLORITIC GREEN SCHIST
			7	COARSE GRAINED CRYSTALLINE QUARTZOSE GNEISS
			1	MAFICS
			8	COARSE GRAINED PINK FELDSPATHIC GRANITICS
			17	MAINLY BASALT
				AND LAMPROPHYRE
			5	FELSITE
				VOLCANICS
			38	GRAY RED SUBGRAYWACKE
				QUARTZOSE SANDSTONE
			1	COAL
			1	CHERT
		> 64 MM.	1	DARK DIABASE
			1	DARK RED BROWN FINE GRAINED SANDSTONE
			1	GRAY QUARTZITE
			1	CHLORITIC EPIDOTIC GREENSTONE
620	1176			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1177	8-16 MM.	4	VEIN QUARTZ
			9	RED GRAY CHERT
				CALCAREOUS JASPER
			4	QUARTZITE
			5	CHLORITIC SCHIST
			4	MYLONITIC LIGHT GNEISS
			1	MAFICS
			9	EVEN-GRAINED COARSE GRAINED WHITE AND PINK GRANITICS
			8	BASALT
				LAMPROPHYRE
			4	MAINLY PURPLE PORPHYRITIC FELSITE
			52	RED GREEN ARKOSE, 33%
				DARK GRAY SANDSTONE, 33%
				RED GREEN SILTSTONE
		> 64 MM.	2	CHLORITIC SCHISTOSE GREENSTONE
			2	MEDIUM-GRAINED DIABASE
			2	COARSE GRAINED PINK QUARTZOSE FELDSPATHIC GRANITICS
			1	PINK FELDSPATHIC GRANITIC GNEISS
			1	DARK RED FELDSPATHIC APLITIC FELSITE
			1	PINK ARKOSIC MEDIUM-GRAINED SANDSTONE
			1	GRAY QUARTZOSE MEDIUM-GRAINED SANDSTONE
			1	RED IRON OXIDE CEMENTED MEDIUM-GRAINED SANDSTONE
620	1177			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, LG PEBBLES W/ STAINED RIMS.
600	1178	8-16 MM.	5	VEIN QUARTZ
			1	SLATE
			9	QUARTZITE
			2	QUARTZOSE CHLORITIC SCHIST
			9	GNEISS
			1	MAFICS
			16	GRANITICS
			6	BASALT
				LAMPROPHYRE
			4	CHERTY VOLCANIC ASH
			46	RED SANDSTONE
				SILTSTONE
			1	CHERT
620	1178			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
620	1179			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, ANGULAR AND FRESH

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1180	8-16 MM.	5	WHITE VEIN QUARTZ
			8	SOME MICACEOUS QUARTZITE
			4	CHLORITIC QUARTZOSE SCHIST
			4	GNEISS
			4	MAFICS
			7	COARSE GRAINED CRYSTALLINE PINK GRANITICS
			10	FELSITE PORPHYRITIC VOLCANICS
			13	BASALT LAMPROPHYRE
			45	RED SILTSTONE, 25% ARKOSIC SANDSTONE, 40% DARK QUARTZOSE SILTY SANDSTONE, 33%
		> 64 MM.	1	DARK GREEN DIABASE
			1	GRAY GREEN QUARTZOSE SILTSTONE
620	1180			FOSSILS, WEATHERING RINDS, STRIATIONS
620	1182			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1184	8-16 MM.	1	VEIN QUARTZ
			5	DARK GRAY SPOTTED BIOTITIC GREENSTONE
			3	CHLORITIC SCHIST
			13	FINE GRAINED APLITIC SOME SPOTTED GNEISS
			1	MAFICS
			14	GRANITICS
			47	FINE GRAINED BIOTITIC QUARTZOSE APLITIC FELSITE
			4	GREEN LAMPROPHYRIC BASALT
			12	HARD QUARTZOSE SANDSTONE
		> 64 MM.	1	BIOTITIC SPOTTED GREENSTONE
620	1184			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, FEW CBLS HVLY STAINED
600	1192	> 64 MM.	1	GRANITIC GNEISS
600	1196	8-16 MM.	36	IRONSTONE
			2	CHERT
			9	DARK GRAY QUARTZITE
			1	MICACEOUS SCHIST
			5	VERY FINE GRAINED MICACEOUS QUARTZOSE GNEISS
			6	FINE GRAINED SYENITE AND GABBRO
			17	COARSE GRAINED PINK FELDSPATHIC PEGMATITIC GRANITICS
			8	MAINLY LAMPROPHYRIC BASALT
			4	LAMPROPHYRIC SCHISTOSE FELSITE
			12	VERY FINE GRAINED HARD SUBGRAYWACKE SILTSTONE
600	1198	8-16 MM.	8	VEIN QUARTZ
			3	DARK GRAY CHERT
			11	QUARTZITE
			10	MICACEOUS BIOTITIC CHLORITIC SCHIST
			16	BIOTITIC QUARTZOSE GNEISS
			3	MAFICS
			12	COARSE GRAINED CRYSTALLINE GRANITICS
			6	MAINLY LAMPROPHYRIC BASALT
			9	FELSITE MINOR BIOTITIC APLITE
			21	SANDSTONE RED SILTSTONE, 25% GRAY SANDSTONE, 60%
			1	GRAY SLATE
		> 64 MM.	1	BIOTITIC MICACEOUS QUARTZOSE GNEISS
			2	MICACEOUS DARK RED GRAY QUARTZITE
			1	GREEN DACITE
			2	GRAY GREEN WEATHERED EVEN-GRAINED ARKOSE
			1	WEATHERED COARSE GRAINED GABBRO
			3	FINE GRAINED QUARTZOSE CHLORITIC SCHIST
			2	BIOTITIC FINE GRAINED CRYSTALLINE GRANITIC GNEISS
			2	FINE GRAINED BROWN GRAY CALCAREOUS SILTSTONE
			1	META COARSE GRAINED GRAYWACKE WITH CHIPS OF SHALE
			1	DIABASE
			1	BASALT
			1	COARSE GRAINED PINK GRANITICS
			2	MEDIUM PINK VOLCANICS
620	1198			FOSSILS, WEATHERING RINDS, CINDERS, STRIATIONS ON LARGEST STONES.
600	1200	8-16 MM.	12	VEIN QUARTZ
			3	PHYLLITE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1200	8-16 MM.	4	QUARTZITE
			5	SCHIST
			2	GNEISS
			17	MAFICS
			11	GRANITICS
			8	BASALT
			28	FELSITE
			3	SEDIMENTARY ROCKS
			7	CHERT
620	1200			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1201	8-16 MM.	5	VEIN QUARTZ
			3	CINDERS
			3	CHERT
			8	QUARTZITE
			2	SCHIST
			3	GNEISS
			14	MAFICS
			12	GRANITICS
			7	BASALT
			7	FELSITE
			27	MAINLY HARD SILTSTONE
			2	BONE
			8	COAL
		> 64 MM.	1	QUARTZITE
			1	SCHIST
			1	APLITE
			1	SLATE
620	1201			FRESH WOOD. ONE CHARCOAL
600	1204	8-16 MM.	13	VEIN QUARTZ
			3	SLATE
			1	CHERT
			11	QUARTZITE
			3	GNEISS
			9	MAFICS
			20	GRANITICS
			15	BASALT
			7	FELSITE
			18	MAINLY DARK GRAY ARGILLITE
620	1204			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
600	1207	8-16 MM.	22	VEIN QUARTZ
			1	SLATE
			2	CHERT
			14	QUARTZITE
			1	SCHIST
			1	GNEISS
			3	MAFICS
			36	GRANITICS
			12	BASALT
			4	FELSITE
			4	SEDIMENTARY ROCKS MAINLY QUARTZOSE SANDSTONE
620	1207			FOSSILS, VARNISH, WEATHERING RINDS, CINDERS, ONE RIND W/ MUCH PYRITE
600	1211	8-16 MM.	31	VEIN QUARTZ
			2	CHERT
			10	QUARTZITE
			9	SCHIST
			7	GNEISS
			3	MAFICS
			13	GRANITICS
			8	BASALT
			17	COARSE GRAINED SANDSTONE ARKOSE
				FINE GRAINED MICACEOUS SILTSTONE
		> 64 MM.	1	GRAY DOLOMITE
620	1211			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, VRNSH YL-BRN, PCSS CM
600	1216	8-16 MM.	32	VEIN QUARTZ
			3	CHERT
			17	QUARTZITE
			13	SCHIST
			1	GNEISS
			22	GRANITICS
			5	FELSITE
			7	IRON STAINED COARSE GRAINED SANDSTONE
		> 64 MM.	14	GREENSTONE
620	1216			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	1219	8-16 MM.	22	VEIN QUARTZ
			2	CHERT
			12	QUARTZITE
			7	SCHIST
			11	GNEISS
			11	MAFICS
			12	GRANITICS
			16	MAINLY LAMPROPHYRIC BASALT
			2	FELSITE
			5	ARKOSIC SANDSTONE
620	1219			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, CLEAN AND ROUND.
620	1222			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1224	8-16 MM.	5	VEIN QUARTZ
			4	CHERT
			2	SLATE
			18	DARK MICACEOUS QUARTZITE
			6	SCHIST
			10	GNEISS
			8	MAFICS
			15	GARNETIFEROUS GRANITICS
			15	BASALT
				GREENSTONE
			5	FELSITE
			12	ARKOSIC CALCAREOUS SANDSTONE
				QUARTZOSE SILTSTONE
		> 64 MM.	1	MYLONITIC FELSITE
620	1224			FOSSILS, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, VARNISH SLIGHT.
600	1227	8-16 MM.	6	VEIN QUARTZ
			7	SLATE
			14	QUARTZITE
			11	SCHIST
			14	GNEISS
			4	MAFICS
			11	GRANITICS
			13	BASALT
			3	FELSITE
			17	PURPLE SILTSTONE
				SOME SANDSTONE
620	1227			VARNISH SLIGHT ON LGR PEBBLES.
600	1228	8-16 MM.	12	VEIN QUARTZ
			5	CHERT
			5	SLATE
			11	QUARTZITE
			9	SCHIST
			15	GNEISS
			6	MAFICS
			8	GRANITICS
			14	BASALT
				GREENSTONE
			2	FELSITE
			12	PURPLE MUDSTONE
				LIGHT GRAY LIMESTONE
		> 64 MM.	1	LAMPROPHYRE
620	1228			FOSSILS, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, VARNISH VERY SLIGHT
600	1230	8-16 MM.	5	SLATE
			6	QUARTZITE
			32	BIOTITIC MICACEOUS SPOTTED SCHIST
			7	GNEISS
			6	MAFICS
			30	GRANITICS
			9	MAINLY LAMPROPHYRIC BASALT
			1	FELSITE
			4	MAINLY FINE GRAINED SEDIMENTARY ROCKS
		> 64 MM.	1	BIOTITIC SPOTTED SCHIST
			1	IMPURE QUARTZITE
620	1230			VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, SLIGHT GREENISH TINGE
600	1233	8-16 MM.	2	VEIN QUARTZ
			14	GRAY SLATE
			4	QUARTZITE
			27	FINE GRAINED MICACEOUS CRYSTALLINE SCHIST

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1233	8-16 MM.	9	MAINLY FINE GRAINED CRYSTALLINE GNEISS
			11	GRANITICS
			12	MAINLY LAMPROPHYRIC BASALT
			8	FELSITE
			13	SEDIMENTARY ROCKS MAINLY SLATE
		> 64 MM.	1	FINE GRAINED ARKOSE
			1	PYRITIFEROUS SILTY ARGILLITE
			8	MICACEOUS QUARTZITE
			1	BIOTITIC SPOTTED SCHIST
			4	VERY FINE GRAINED MICACEOUS SCHIST
			3	GRAY FINE GRAINED CRYSTALLINE GRANITICS
620	1233			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1235	8-16 MM.	1	CHERT
			5	SLATE
			9	QUARTZITE
			54	FINE GRAINED CRYSTALLINE MICACEOUS GARNETIFEROUS SCHIST
			10	GRANITIC GNEISS
			1	MAFICS
			2	GRANITICS
			10	FINE GRAINED CRYSTALLINE GRAY GRANITIC FELSITE
			3	LAMPROPHYRIC BASALT
			5	FINE GRAINED SILTSTONE
		> 64 MM.	6	FINE GRAINED CRYSTALLINE MICACEOUS SCHIST
			2	MICACEOUS QUARTZITE
620	1235			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, WOOD, ARTIFACTS, THICK MN CRUSTS ON LG ROCKS.
620	1236			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS
620	1237			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, MOSTLY SHELL HASH.
600	1238	8-16 MM.	3	VEIN QUARTZ
			1	SLATE
			1	QUARTZITE
			46	BIOTITIC PHLOGOPITIC MICACEOUS QUARTZOSE SCHIST
			32	GRANITIC GNEISS
			1	MAFICS
			11	COARSE GRAINED CRYSTALLINE PINK GRANITICS
			3	FINE GRAINED CRYSTALLINE GRANITIC FELSITE
			1	BASALT
			1	SHALE
620	1238			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, WTHRNG SL ON SFTR RX
600	1239	8-16 MM.	3	VEIN QUARTZ
			12	MICACEOUS SCHIST
			34	GRANITIC GNEISS
			1	MAFICS
			45	GRANITICS
			3	LAMPROPHYRIC BASALT
			2	QUARTZOSE SANDSTONE
620	1239			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1240	8-16 MM.	6	VEIN QUARTZ
			2	QUARTZITE
			13	FINE GRAINED MICACEOUS SCHIST
			21	FINE GRAINED CRYSTALLINE GNEISS
			33	FINE GRAINED CRYSTALLINE PEGMATITIC GRANITICS
			6	FELSITE
			16	LAMPROPHYRIC BASALT
			3	SEDIMENTARY ROCKS GRAY CLAY GALLS
620	1240			CLEAN AND ROUND. BRYOZOAN CRUSTS.
620	1242			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1245	8-16 MM.	90	QUARTZITE
			10	GRANITICS VOLCANICS
620	1245			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1246	> 64 MM.	2	LIGHT MICACEOUS QUARTZITE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1246	> 64 MM.	1	FINE GRAINED MICACEOUS SCHIST
			1	COARSE GRAINED GRANITICS
620	1246			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, RINDS SL.HVY MN SX VR
600	1247	> 64 MM.	1	MICACEOUS QUARTZOSE GARNETIFEROUS SCHIST
600	1253	8-16 MM.	62	QUARTZITE
				SCHIST
			12	GRANITICS
			12	SANDSTONE
			12	LIMESTONE
620	1253			FOSSILS, VARNISH, WEATHERING RINDS, CINDERS, WOOD, ARTIFACTS
600	1275	8-16 MM.	63	VEIN QUARTZ
			1	CHERT
			6	DARK SCHISTOSE LINEATED QUARTZITE
			5	SCHIST
			14	GNEISS
			4	COARSE GRAINED PEGMATITIC GRANITICS
			1	FELSITE
			1	BASALT
			5	SEDIMENTARY ROCKS
				RED SANDSTONE, 40%
620	1275			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1293	8-16 MM.	54	VEIN QUARTZ
			9	GRAY SLATE
			8	QUARTZITE
			3	SCHIST
			11	GNEISS
			1	MAFICS
			6	GRANITICS
			8	SEDIMENTARY ROCKS
				MAINLY SANDSTONE
620	1293			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1300	8-16 MM.	58	VEIN QUARTZ
			2	SLATE
			3	CHERT
			16	QUARTZITE
			2	SCHIST
			4	GNEISS
			2	MAFICS
			2	GRANITICS
			11	SEDIMENTARY ROCKS
				MAINLY ARKOSIC SANDSTONE
		> 64 MM.	1	ARKOSE
620	1300			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, WELL ROUNDED. QTZOSE.
600	1302	8-16 MM.	64	VEIN QUARTZ
			1	CHERT
			12	QUARTZITE
			2	SCHIST
			4	GNEISS
			2	BASALT
			15	SEDIMENTARY ROCKS
				CLAY GALLS
				SOME QUARTZOSE SANDSTONE
620	1302			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS
600	1304	8-16 MM.	48	VEIN QUARTZ
			5	BLACK BROWN CHERT
			17	DARK RED QUARTZITE, 12%
			2	SCHIST
			7	GNEISS
			2	GRANITICS
			3	BASALT
			16	QUARTZOSE SANDSTONE, 50%
				RED SILTSTONE, 12%
620	1304			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, RD-YL QTZOSE SD-GRV
600	1312	8-16 MM.	59	VEIN QUARTZ
			16	QUARTZITE
			5	GNEISS

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1312	8-16 MM.	4	GRANITICS
			2	FELSITE
			1	GREENSTONE
			13	CLAY GALLS
				RED SANDSTONE
620	1312			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, RINDS SLIGHT. VERY RED
620	1336			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, ROUNDED. IRON-STAINED.
620	1372			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, CHERT UNSTAINED
600	1378	8-16 MM.	72	VEIN QUARTZ
			4	CHERT
			14	QUARTZITE
			5	QUARTZOSE GNEISS
			2	FELSITE
			3	SEDIMENTARY ROCKS
620	1378			CINDERS,
600	1380	8-16 MM.	86	VEIN QUARTZ
			1	GREENSTONE
			9	QUARTZITE
			1	GNEISS
			3	SEDIMENTARY ROCKS
620	1380			YELLOWISH. QTZOSE. WELL-ROUNDED.
620	1382			FOSSILS, VARNISH, IRON OXIDE STAINS.
620	1391			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, IRON OXIDE STAINS.
600	1394	8-16 MM.	85	MEDIUM GRAY VEIN QUARTZ, 50%
				MEDIUM GRAY IRON STAINED VEIN QUARTZ, 50%
			3	CHERT
			2	QUARTZITE
			1	MICACEOUS SCHIST
			6	QUARTZOSE COARSE GRAINED CRYSTALLINE GNEISS
			3	DIABASE
620	1394			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, RND.QTZOSE FE STAIN
600	1407	> 64 MM.	1	WEATHERED ARKOSE
620	1407			CLEAN QTZOSE.
600	1412	8-16 MM.	52	VEIN QUARTZ
			3	CHERT
			12	QUARTZITE
			2	SCHIST
			9	GRANITIC GNEISS
			2	MAFICS
			10	GRANITICS
			1	FELSITE
			6	LAMPROPHYRIC BASALT
			3	FINE GRAINED SEDIMENTARY ROCKS
620	1412			ROUNDED GRAVEL
600	1899	8-16 MM.	3	VEIN QUARTZ
			2	GREEN RED GRAY CHERT
			10	QUARTZITE
			9	QUARTZOSE CHLORITIC SCHIST
			23	GRANITICS
			4	MAFICS
			13	ACID FELSITE
			22	LAMPROPHYRIC BASALT
			11	RED HARD SILTSTONE
620	1899			IRON OXIDE STAINS.
600	1904	8-16 MM.	7	QUARTZITE
			1	SCHIST
			1	GNEISS
			1	GRANITICS
			6	MAINLY APLITIC FELSITE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	1904	8-16 MM.	4	MAINLY LAMPROPHYRIC BASALT
			80	SILTY GREEN PUNKY WEATHERED CLAY CONCRETIONS, 90%
				QUARTZOSE SANDSTONE, 10%
620	1904			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, ARTIFACTS, DIRTY CNCR,WORM BORED
600	1908	8-16 MM.	6	META VEIN QUARTZ
			1	CHERT
			2	QUARTZITE
			8	SCHIST
			2	FINE GRAINED CRYSTALLINE GNEISS
			56	PORPHYRITIC PEGMATITIC COARSE GRAINED CRYSTALLINE GRANITICS
			2	MAFICS
			6	FELSITE
			10	MAINLY LAMPROPHYRIC BASALT
			7	GREEN PUNKY MAINLY SILTSTONE
				QUARTZOSE SOME SANDSTONE
620	1908			FOSSILS, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, VERY ANGULAR, CLEAN.
600	1914	8-16 MM.	3	VEIN QUARTZ
			1	DARK GRAY CHERT
			12	DARK MICACEOUS QUARTZITE
			41	CHLORITIC BIOTITIC MICACEOUS QUARTZOSE SCHIST
			2	GNEISS
			5	GRANITICS
			5	APLITIC FELSITE
			9	AMYGDOLOIDAL LAMPROPHYRIC BASALT
			22	QUARTZOSE SUBGRAYWACKE
				PUNKY CALCAREOUS SILTY SANDSTONE
				FINE GRAINED YELLOW BROWN META SANDSTONE
620	1914			VARNISH, VERY ANGULAR. CLEAN.
600	1918	8-16 MM.	8	VEIN QUARTZ
			2	PHYLLITE
			12	DARK GRAY META SANDSTONE
			11	QUARTZOSE SPOTTED FINE GRAINED CRYSTALLINE MICACEOUS SCHIST
			8	BIOTITIC COARSE GRAINED CRYSTALLINE GNEISS
				FINE GRAINED CRYSTALLINE MINOR GNEISS
			11	COARSE GRAINED FINE GRAINED CRYSTALLINE GRANITICS
			4	MAFICS
			14	APLITIC FELSITE
			15	LAMPROPHYRIC BASALT
				DIABASE
			15	FINE GRAINED SANDSTONE
				META SANDSTONE
				SHALE
620	1918			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ANGULAR, DARK
600	1937	8-16 MM.	11	VEIN QUARTZ
			6	LIGHT YELLOW QUARTZITE
			3	GRANITIC GNEISS
			69	FINE GRAINED COARSE GRAINED CRYSTALLINE MAFICS
			10	APLITIC FELSITE
			1	QUARTZOSE SANDSTONE
620	1937			FOSSILS, VARNISH, WEATHERING RINDS, STRIATIONS, CINDERS, WOOD, ARTIFACTS, WTHRNG SL. RED ALGAE
600	1938	8-16 MM.	8	VEIN QUARTZ
			2	QUARTZITE
			4	GRANITIC GNEISS
			38	COARSE GRAINED FINE GRAINED CRYSTALLINE GRANITICS
			2	MAFICS
			17	APLITIC FELSITE
			29	COAL
		> 64 MM.	1	EVEN-GRAINED BIOTITIC GRAY GRANITICS
620	1938			OCHER STAINED ALGAE. MUCH COAL.
600	2172	8-16 MM.	3	VEIN QUARTZ
			1	CHERT
			13	GRAY FINE GRAINED META QUARTZITE
			10	SCHIST
			11	GRANITICS
			28	PORPHYRITIC SILICIFIED FELSITE
				APLITE
			15	LAMPROPHYRIC SPOTTED BASALT
			19	RED SANDSTONE
				SHALE
620	2172			CINDERS, 1 CINDER. CLEAN. ANGULAR.

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600	2191	8-16 MM.	11	WHITE VEIN QUARTZ
			1	CHERT
			17	QUARTZITE
			3	SCHIST
			5	COARSE GRAINED CRYSTALLINE GNEISS
			12	GRAY PINK COARSE GRAINED GRANITICS
			1	MAFICS
			24	META VOLCANICS
				APLITIC SERICITIC BIOTITIC QUARTZOSE FELSITE
			7	BASALT
			18	SEDIMENTARY ROCKS
			1	PHYLLITE
		> 64 MM.	1	WHITE COARSE GRAINED GARNETIFEROUS QUARTZITE
			1	LIMESTONE
				RED ARKOSE, 20%
			1	GLAUCONITIC LIMESTONE
620	2191			CLEAN. ANGULAR.
600	2198	8-16 MM.	13	VEIN QUARTZ
			12	GRAY FINE GRAINED CRYSTALLINE META QUARTZITE
			9	BIOTITIC QUARTZOSE SCHIST
			6	SOME GRANITIC GNEISS
			19	GRANITICS
			4	MAFICS
			12	FELSITE
			17	SOME DIABASE
			7	SEDIMENTARY ROCKS
				MAINLY ARKOSIC QUARTZOSE SANDSTONE
				GRAYWACKE
			1	PHYLLITE
600	2204	8-16 MM.	5	VEIN QUARTZ
			1	CHERT
			7	DARK MICACEOUS QUARTZITE
			10	SCHIST
			3	GNEISS
			2	MAFICS
			12	COARSE GRAINED CRYSTALLINE PEGMATITIC GRANITICS
			13	FELSITE
			15	BASALT
			31	LIMESTONE
				RED SANDSTONE
				SHALE
				QUARTZOSE SANDSTONE
			1	SLATE
620	2204			FOSSILS, CINDERS, FOSSILS IN LIMESTONE.DARK.CLEAN.ANGULAR.
600	2210	8-16 MM.	11	VEIN QUARTZ
			2	CHERT
			24	DARK GRAY META QUARTZITE
			3	SCHIST
			3	GNEISS
			13	GRANITICS
			2	MAFICS
			11	FELSITE
			11	BASALT
			19	ARKOSIC LIMESTONE
			1	PHYLLITE
			1	COAL
620	2210			VARNISH, RDSH TINGE TO WHOLE SAMPLE. ANGULAR. DIRTY.
600	2551 A	8-16 MM.	5	SEDIMENTARY ROCKS
				MINOR JASPER
				CHERT
			8	QUARTZITE
				DARK GRAY FINE GRAINED CRYSTALLINE QUARTZITE
			3	SCHIST
			8	GNEISS
			14	MAINLY GRANITICS
			3	MAFICS
			11	MAINLY PORPHYRITIC FELSITE
			18	LAMPROPHYRIC BASALT
				DIABASE
			30	RED SHALE
				ARKOSIC DARK QUARTZOSE SANDSTONE
620	2551 A			WEATHERING RINDS, STRIATIONS
600	2564	8-16 MM.	11	VEIN QUARTZ
			4	BLACK CHERT
			3	QUARTZITE

GRAVEL ANALYSIS

CODE #	STATION #	SIZE	COUNT	DESCRIPTION
600 (CONTINUED)	2564	8-16 MM.	5	CHLORITIC SCHIST
			11	COARSE GRAINED FINE GRAINED CRYSTALLINE GNEISS
			21	COARSE GRAINED PEGMATITIC GRANITICS
			3	MAFICS
			16	SOME PORPHYRITIC FELSITE
				MYLONITIC SILICIFIED VOLCANICS
			8	BASALT
			16	BROWN DOLOMITE
				QUARTZOSE SANDSTONE
				ARKOSIC SANDSTONE
				SUBGRAYWACKE
			2	GRAY IRONSTONE
620	2564			VARNISH,
600	2567	8-16 MM.	23	VEIN QUARTZ
			12	META SHEARED FINE GRAINED CRYSTALLINE GRAY QUARTZITE
			11	QUARTZOSE CHLORITIC SCHIST
			9	BIOTITIC QUARTZOSE CRYSTALLINE GNEISS
			17	GRANITICS
			8	APLITIC BIOTITIC FELSITE
			15	MAINLY LAMPROPHYRIC BASALT
			5	CALCAREOUS SEDIMENTARY ROCKS
				QUARTZOSE MAINLY SUBGRAYWACKE
620	2567			VARNISH, WEATHERING RINDS, STRIATIONS

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
700	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	SiO_2	21-24	F	4	23	1
	Al_2O_3	26-29	F	4	28	1
	Fe_2O_3	31-34	F	4	33	1
	TiO_2	36-39	F	4	37	2
	MnO_2	41-45	F	4	42	3
	CaO	47-50	F	5	49	1
	MgO	52-55	F	4	54	1
	SrO	57-60	F	4	58	2
	K_2O	62-65	F	4	63	2
	Na_2O	67-69	F	3	68	1
	P_2O_5	71-75	F	5	73	2
	CO_2	77-80	F	4	79	1
	Ignition loss 500°C	82-85	F	4	84	1
	Ignition loss 1000°C	88-91	F	4	90	1
	NiO	94-98	F	5	95	3
	CuO	101-105	F	5	92	3
	F-O	108-113	F	6	110	3
	Sum	116-118	I	3		
	Revised sum signal *	120	A	1		

Code Line 700 Chemical analyses, major elements

Code line 700 contains chemical analyses of the major elements of selected samples. With the exception of those from the Blake Plateau, the samples were selected to illustrate the composition of river borne sediment and sea bottom sediment representing traverses across the continental shelf.

Major element determinations were made by fluxing the samples with lithium tetraborate at 1000°C, grinding the resulting glass, mixing with graphite and pressing the mixture into pellets. The pellets were then excited by a high voltage spark, and the elements present were determined by an emission spectrometer. The method is a modification of a procedure by Landergren, Muld and Rajandi (1964).

Fe_2O_3 and MnO_2 values represent the total for all oxidation states of these elements. NiO and CuO values below .005 percent are from the trace element analyses (see code line 710).

Where ignition loss at 1000°C is available, a sum has been calculated using Mn_3O_4 as the stable species at that temperature. Correction has also been made for fluorine in phosphate containing rocks. In some samples dominant components such as SiO_2 and CaO were determined by difference. This method usually yields more precise values for very high concentration levels. Such analyses are indicated by an asterisk following the sum. A few of the CaO values close to 50 percent that were not so corrected appear to be too high.

Inhomogeneity owing to small sample size may exist between the major element, trace element, and ignition loss subsamples.

Minus signs that precede values indicate that the amount detected is less than the value shown.

Acknowledgements

The analyses were made by Frank T. Manheim, assisted by Susan Kadar, Heidi Richards, Raymond Angona, and Lois Toner.

Explanations of headings

CODE #	700 denotes chemical analyses, major elements
STATION #	As described for code line 100

Major elements as oxides, in percent.

SIO2	SiO_2
AL203	Al_2O_3
FE203	Fe_2O_3 (value includes Fe^{+2})
TIO2	TiO_2
MNO2	MnO_2
CAO	CaO
MGO	MgO

SRO	SrO
K2O	K_2O
NA2O	Na_2O
P2O5	P_2O_5
CO2	CO_2
IGN. LOSS 500C	Ignition loss at 500° celcius
1000C	Ignition loss at 1000° celcius
NIO	NiO
CUO	CuO
F-O	Fluorine less equivalent oxygen (correction for phosphorite bearing samples)
SUM	Total of the elements reported. An asterisk indicates that SiO_2 or CaO were determined by difference. Lack of a sum indicates that no ignition loss determination was performed.

CHEMICAL ANALYSES, MAJOR ELEMENTS, IN PERCENT

CODE #	STATION #		SIO2	AL2O3	FE2O3	TIO2	MNO2	CAO	MGO	SRO	K2O	NA2O	P2O5	CO2	IgN. 500C	LOSS 1000C	NIO	CUO	F.O	SUM
700	H029		68.8	9.8	2.9	1.01	.11	.2	.7	-.01	1.8	.8	.14		2.3	7.1	.006	.002		
700	H030	>	70.0	4.9	2.6	.64	.04	2.7	.4	-.01	.9	.3	-.1		2.5	2.7	.004	.002		97
700	H033	>	70.0	6.6	2.9	1.0	.04	1.2	.6	-.1	1.5	.9	-.1		4.1	4.9	.004	-.002		
700	H034		80.5	7.4	3.9	.56	.10	.6	.4	-.01	2.3	.7	.10		2.7	3.2	-.002	-.002		
700	H037		81.0	5.9	2.0	.81	.03	.8	.3	.15	2.5	1.0	-.1		1.9	2.2	-.002	-.003		99
700	H042		59.3	17.3	6.6	1.0	.17	.7	.9	.12	1.4	.6	-.1			7.1	.004	-.003		97
700	H043		76.1	15.4	4.7	1.0	.17	.2	.7	.01	1.0	.2	-.1		7.4	8.6	-.002	.003		100
700	H045		65.1	16.6	3.9	.64	.07	.3	.6	.01	.9	.2	-.1			11.7	.004	-.002		100
700	H046		54.3	15.1	3.6	.66	.02	.7	.9	.01	.9	.2	-.1	3.2	21.5	23.6	-.002	-.003		
700	H049	>	70.0	15.2	3.9	.94	.26	.8	.6	.03	1.5	.3	-.1			9.6	-.002	-.002		
700	H051		89.5	4.6	2.5	.37	.09	.8	.2	.02	.8	.1	-.1			4.4	-.002	.003		
700	N050A		68.1	7.8	3.8	.92	.04	1.8	1.3	.02	2.0	2.5	.1			12.3	-.005	-.002		100

**REVISED SU

CHEMICAL ANALYSES, MAJOR ELEMENTS, IN PERCENT

**REVISED SUM

CODE #	STATION #			SIO2	AL2O3	FE2O3	TIO2	MNO2	CAO	MGO	SRO	K2O	NA2O	P2O5	CO2	IGN. 500C	LOSS 1000C	NIO	CUO	F=O	SUM	
700	1076	A		.5	.1	.1	.1	-.01	54.0	-.1	.14	-.1	.9	-.1	37.6		42.0	.01	-.002		98	
700	1076	B		.5	.1	.2	.1	-.01	53.0	.1	.35	-.1	.7	.1	42.5		45.4	.003	-.002		100	
700	1121			86.2	1.4	.8	.1	-.01	5.3	.2	.03	.7	.5	-.1			4.3	-.002	-.002		100	*
700	1148			86.5	3.0	1.6	.48	.03	3.6	.4	.13	1.1	1.3	-.1			1.8	-.002	-.002		100	*
700	1170			24.2	12.5	5.6	.83	.09	2.6	2.1	.02	2.0	2.0	-.1				.002	-.002			
700	1158	A		64.2	8.4	2.7	.71	.10	11.0	.9	.05	1.8	2.1	-.1		3.9	5.3	-.002	-.002		97	
700	1158	B		17.2	2.2	1.2	.31	.04	42.8	.6	.35	.36	1.1	-.1	29.8	3.9	33.9	.004	-.002		100	
700	1158	C		5.4	.6	.3	.1	.01	53.1	.2	.15	.14	1.1	-.2	37.6	1.3	38.9	.002	-.002		100	*
700	1250			60.0	0.2	4.9	.77	.06	7.6	2.3	.04	2.4	2.2	-.1			10.1	.006	-.002		100	*
700	1282	H		34.8	19.2	29.5	2.7	1.7	7.6	4.5	.02	-.05	.5	-.05								
700	1375	A		.4	-.1	.1	.1	-.01	54.1	-.1	.14	-.1	.8	-.1	42.4		44.9	-.01	-.002		100	
700	1375	B		2.8	.1	.2	.1	-.01	52.2	-.1	.24	-.1	.8	-.1			43.6	-.005	-.002		100	
700	1375	C	>	70.0	3.3	2.1	-.2	.04	3.6	.4	.02	1.3	1.1	-.1				-.005	-.002			
700	1387	H		28.8	19.1	21.5	12.0	1.1	9.1	4.4	.01	.47	.3	.26								
700	1426		>	70.0	1.3	.9	-.1	.01	.4	.2	.06	.6	.5	-.1				-.02	-.002			
700	1448		>	70.0	.8	.6	.30	.01	6.8	.3	.04	.4	.5	.7				-.002	-.002			
700	1464		>	70.0	1.3	.8	-.2	.01	1.6	.3	-.02	.6	.5	-.1				-.01	-.002			
700	1532			20.8	.4	1.3	-.1	-.01	38.4	1.7	.15	.14	.5	-.1	32.6		36.6	-.005	-.002		100	*
700	1535			5.8	.3	1.4	.1	-.01	46.7	1.7	.15	.14	.9	.1				-.005	-.01			
700	1536			48.7	1.2	.7	.1	-.01	20.9	.6	.16	.37	.7	-.1				-.002	-.002			
700	1537	A		79.2	1.4	1.2	.27	-.01	8.1	.6	.14	.42	1.0	-.1			5.2	-.005	-.003		98	
700	1538	A		83.8	.5	.6	-.1	.01	8.0	.2	-.03	.39	.3	-.1			3.7	.005	-.002		98	
700	1538	B		67.2	6.2	2.3	.24	.02	9.9	1.1	.03	.72	1.5	.1			10.0	.005	-.002		99	
700	1549			8.9	.4	.9	.2	-.01	48.3	1.3	.33	.12	1.0	.16	35.3	34.9	38.7	-.01	-.002		100	*
700	1569			1.2	.2	.2	-.2	.01	51.3	1.9	.56	.12	.7	.1			43.9	.004	-.002		100	
700	1574			1.2	.3	.2	-.2	-.01	54.3	1.7	.69	.13	1.2	.12				.005	-.002			
700	1575			.9	.2	.1	-.1	.01	53.7	1.5	.80	1.1	1.1	.16				.005	-.002			
700	1578			1.6	.6	1.7	-.1	.05	49.2	2.2	.19	.16	.6	.1	37.4		43.5	.005	-.002		100	
700	1580	B		4.7	1.2	.9	.1	.09	48.0	1.1	.32	.28	1.5	.14			42.0	.008	-.002		100	
700	1584			1.7	.6	1.2	.1	.02	48.9	2.7	.29	.21	.9	.2	38.6		43.3	.006	-.002		100	
700	1585			.9	.4	.5	-.1	.03	49.4	2.8	.26	.16	1.2	.11	40.3		44.0	-.005	-.002		100	
700	1586			6.1	1.5	.8	.1	.07	47.0	1.2	.33	.32	2.2	.1				.006	-.002			
700	1587			1.3	.4	.7	.03	.02	48.0	2.7	.34	.17	1.2	.13				-.002	.002			
700	1621			4.4	-.7	.6	-.1	-.01	50.3	1.5	.64	.27	.8					-.002	.002			
700	1622			24.5	3.6	.9	.26	-.01	37.0	1.4	.30	.79	1.8	-.1				-.002	.002			
700	1820			33.0	.6	.3	3.6	.01	31.7	1.4	.27	.3	.9	.42				-.02	-.002			
700	1830	A		25.0	4.2	2.3	.37	.38	41.0	1.5	.28	1.1	1.8	.19				-.03	.007			
700	1830	B		26.0	2.6	2.5	.32	.15	48.0	1.5	.33	1.5	3.8	.12				-.02	.004			
700	1834			21.0	5.8	1.5	-.3	.02	48.0	1.4	.35	.8	2.5	.2				-.01	-.002			
700	1836			12.3	2.7	2.9	.3	.01	54.0	1.3	.20	.5	1.5	.2				-.01	-.002			
700	1840			12.4	2.3	3.4	-.3	.02	50.0	1.3	.14	1.0	1.8	.2				-.03	-.002			
700	1842			23.0	.7	1.1	-.3	.01	43.0	2.2	.31	.2	1.1	.20				-.02	-.002			
700	1881			70.	7.5	3.1	.72	.04	9.0	1.1	-.04	2.0	2.0	.1				-.04	-.002			
700	1890			87.5	2.3	.9	.43	.02	1.0	.2	-.02	.9	.8	-.1				-.04	-.002			
700	1891			82.0	4.0	2.1	>4.0	.03	4.1	.6	-.02	1.3	1.2	.2				-.03	-.002			
700	1968			87.5	3.1	1.4	.34	.02	.9	.5	-.02	1.0	1.1	-.1				-.03	-.002			
700	1973	A	>	70.0	1.1	1.0	-.2	.62	.2	.1	-.02	.5	.1	-.1				-.02	.005			
700	1973	B		73.0	9.5	4.7	.51	.13	.9	1.3	-.02	2.4	1.9	.1				-.02	-.002			
700	1977		>	70.0	18.5	7.0	.77	.52	.8	1.4	-.05	4.0	2.5	.16				-.02	.003			
700	1983		>	70.0	1.0	.6	-.3	.01	.1	.1	-.01	.4	.3	-.1				-.02	.002			
700	1990			75.0	10.0	3.2	.73	.04	2.6	1.2	-.05	2.3	1.9	.1				-.02	-.002			
700	1995		>	70.0	6.1	2.4	.58	.04	2.2	.8	-.04	1.9	2.4	-.1				-.03	-.003			
700	2004		>	70.0	3.0	1.8	2.9	.03	.7	.5	-.02	.9	1.1	-.1				-.03	-.003			
700	2027	A	>	70.0	2.9	2.0	-.2	.01	1.1	.5	-.02	1.0	1.3	-.1				-.03	-.003			
700	2027	B	>	70.0	5.2	2.9	1.1	.04	1.7	.6	-.02	2.1	2.1	-.1				-.02	-.003			
700	2032			40.0	.7	.8	.2	.01	.6	.1	-.02	.4	.3	-.1				-.02	-.003			
700	2054		>	70.0	.6	.6	.2	.01	.2	.1	-.02	.3	.2	-.1				-.02	-.002			
700	2057			90.0	1.6	1.1	.55	.02	.9	.3	-.02	.5	.6	-.1				-.04	-.002			
700	2073			51.0	12.0	3.6	.47	.05	20.5	1.6	.06	2.5	3.6	.1				-.04	.003			
700	2075			60.0	11.5	3.8	.55	.05	14.0	1.6	.44	2.6	3.3	.1				-.03	.002			
700	2079			54.0	13.6	5.0	1.04	.05	11.0	1.8	-.04	3.4	4.4	.15				-.02	.002			
700	2080	A	>	70.0	2.8	2.5	.22	-.01	4.6	.5	-.05	1.0	1.1	-.1				-.02	-.002			
700	2080	B		75.0	2.7	2.4	.18	-.01	5.8	.5	-.05	1.0	.2	-.1				-.02	-.002			
700	2096			52.0	10.4	4.3	.54	.06	17.2	1.8	.06	2.9	4.8	-.1				.05	.005			
700	2097			62.5	15.0	4.2	.51	.05	17.0	1.6	.05	3.2	4.2	-.1				-.03	.002			
700	2098			52.0	13.2	4.8	.64	.05	14.9	1.7	.05	3.8	3.6	.1				-.03	-.002			
700	2100		>	70.0	8.7	4.1	.50	.04	12.7	1.2	-.04	2.7	2.4	-.1				-.02	-.002			
700	2102	A		70.0	11.3	4.6	.59	.05	4.4	1.4	-.04	3.1	2.4	.1				-.03	-.002			
700	2102	B		64.0	15.1	6.5	.56	.08	18.0	2.0	-.04	4.8	3.1	-.1				-.02	-.002			
700	2130			87.6	1.7	1.2	.2	.01	1.0	.4	.01	.5	.6	.52			6.2	-.003	.003		100	*
700	2228			76.4	13.6	4.0	.65	.04	.8	.8	-.03	1.4	1.2	-.1				.005	-.002			
700	2242			83.4	4.5	1.6	.35#	.01	.7	.5	-.01	1.4	1.3	-.1				.002	.002			
700	2258		>	70.0	1.5	.7	.2 #	.01	3.8	.1	-.01	1.2	.5	-.1				.004	-.002			
700	2322		>	70.0	4.9	1.5	.31#	.02	4.5	.6	-.01	1.5	1.6	-.1				.004	.003			
700	2337			16.4	1.6	1.7	.24	-.04	36.8	1.4	.34	.95	.5	.2	30.5	8.1	39.8	-.01	.003		100	*
700	2338			3.5	1.1	31.2	.08	.47	29.1	1.8	.1	.54	.3	10.1	12.7	7.2	20.6	.01	.017	.89	100	*
700	2339	A		3.6	1.1	5.7	.06	.13	40.6	1.3	.2	.97	.4	28.0	11.1	4.2	15.5	.005	.005	2.5	100	*
700	2339	B		4.6	2.0	16.9	.60	18.3	18.1	2.8	.17	.34	1.0	7.6	18.9	4.1	24.8	.43	.06	.7	99	
700	2340	A		23.7	1.1	13.9	.1	.27	25.1	2.6	.08	1.8	.3	10.5	11.3	8.4	19.6	-.03	.005	.9	97	
700	2340	B		12.5	2.8	10.7	-.1	.58	36.0	1.6	.15	1.4	.6	18.4	6.8	6.5	13.6	.02	.018	1.7	100	*
700	2340	C		12.4	2.1	4.5	-.1	.20	35.3	1.4	.06	.5	2.5	8.2	26.3	3.5	32.2	-.01	-.003	.7	93	
700	2342	A		10.6	5.0	19.5	.22	16.5	11.6	5.0	.08	.44	1.0	1.8	12.0	14.3	27.0	.67	.32	.2	100	*
700	2342	B		11.3	3.4	7.5	-.1	5.4	32.7	3.0	.11	.39	.7	1.0	25.0	7.6	34.1	.17	.03		100	*
700	2342	C		12.7	5.4	18.3	.17	16.5	11.7	4.0	.1	.65	1.1	.63	10.4	14.9	25.4	.85	.31		98	
700	2346			3.3	1.4	2.6	.09#	5.1	41.7	2.5	.1	.74	.4	.15	28.9	12.3	41.8	.15	.055		100	*
700	2367			2.0	-.7	.3	.03#	.03	50.2	1.1	.39	.17	1.7	-.1				.003	.002			
700	2374	A		1.5	1.2	2.2	.09	5.6	40.0	2.0	.1	.10	.1	29.3	10.2	3.9	14.1	.07	.14	2.6	100	*
700	2374	B		2.9	4.3	18.6	.35	16.6	22.5	3.9	.1	.52	.4	.31	7.8	20.8	28.3	.65	.26		100	*
700	2379			1.6	.6	.3	.1	.06	47.7	2.7	.14	.1	2.4	.2	42.5	1.6	44.3	-.01	-.003		100	*
700	2381			3.7	3.2	15.7	.65	19.8	14.8	2.9	.2	.52	1.3	.37	13.0	21.1	34.9	.54	.21		100	

CHEMICAL ANALYSES, MAJOR ELEMENTS, IN PERCENT

CODE #	STATION #		SIO2	AL2O3	FE2O3	TIO2	MNO2	CAO	MGO	SRO	K2O	NA2O	P2O5	CO2	IGN. LOSS 500C	LOSS 1000C	NIO	CUO	F.O	SUM
700	2384		4.5	3.5	13.6	.60	22.3	17.3	3.1	.17	.36	.9	.8	12.7	20.2	33.6	.41	.05		100 *
700	2386		2.9	1.2	25.6	.17	.53	31.8	1.4	.1	.45	.3	19.1	8.3	6.2	14.7	.01	.02	1.7	100 *
700	2387	A	2.8	.8	.7	.13#	.09	60.0	1.2	.2	.14	1.0	14.4	24.2	2.8	28.4	.01	-.02	1.3	99
700	2387	B	.6	.7	9.5	.44#	17.6	29.5	1.8	.4	.29	1.1	8.8	12.2	14.1	26.8	.38	.15	.8	100
700	2388	A	2.8	1.2	5.1	.27#	3.6	37.6	1.6	.2	.48	.4	25.2	15.5	3.4	19.1	.055	.067	2.2	100 *
700	2388	B	3.1	1.4	4.4	.48	.52	39.0	2.1	.22	.19	.7	22.2	12.4	5.4	17.9	.16	.074	2.1	100 *
700	2389		2.7	1.4	2.3	.15	11.0	40.2	2.5	.2	.29	1.1	16.0	14.2	6.0	20.1	.28	.12	1.4	100
700	2390	A	1.0	1.0	9.7	.44#	19.4	37.9	2.2	.3	.28	1.0	5.5	2.7	15.6	18.9	.39	.13	.5	100
700	2390	B	2.9	1.6	.8	-.1	.1	46.0	4.4	.1	.12	.1	.28	39.6	3.2	43.3	.01	-.003		99
700	2390	C	1.3	3.5	17.9	.59	19.1	13.9	3.2	.1	.21	.4	.23	11.6	25.5	38.3	.39	.14		100 *
700	2392	A	1.0	1.7	11.5	.48	18.2	23.6	2.2	.2	.23	1.4	6.7	12.6	15.9	29.4	.38	.14	.5	98
700	2392	B	1.1	1.3	10.8	.50	13.9	32.0	2.7	.32	.17	.7	4.7	17.1	13.1	30.8	.27	.14	.4	100 *
700	2393	A	2.9	.9	.6	.1	.02	47.8	3.3	.19	.1	.6	.2	41.0	2.1	43.6	.005	-.003		100 *
700	2393	B	3.3	3.4	14.8	.59	16.4	19.4	3.7	.14	.4	.9	.48	15.2	19.5	35.2	.47	.19		100
700	2393	C	7.5	1.3	8.3	-.1	.10	40.1	1.4	.20	1.02	1.3	20.6	11.5	4.7	16.3	.005	.003	1.8	99
700	2399		7.1	1.4	4.1	.04	-.1	37.3	.9	.23	.50	.3	27.4	14.1	3.5	17.7	.006	.003	2.4	100 *
700	2414		6.6	1.4	4.6	.07	.06	42.5	1.5	.2	.66	1.3	23.8	.8	4.4	15.2	.01	-.003	2.1	100 *
700	2438	A	.5	.2	.2	-.1	.07	55.8	.5	.3	.06	.4	28.3	7.0	3.9	11.1	.003	-.003	2.4	97
700	2438	B	.5	.2	.1	-.1	.07	54.0	.5	.3	.05	.4	29.5	8.2	3.3	11.7	-.01	.002	2.6	100 *
700	2438	C	.3	.4	.1	-.1	.03	56.8	.4	.13	.06	.3	23.3	14.4	1.8	16.2	-.01	.003	1.9	100 *
700	2440	A	3.1	.7	1.7	-.1	.18	48.1	1.4	.10	.30	.9	.2	40.4	2.2	43.1	-.01	-.003		100 *
700	2440	B	2.4	.8	3.3	-.1	.20	50.0	.9	.17	.19	.4	18.6	18.2	3.0	21.2	-.02	-.003	1.7	100 *
700	2446		1.1	.6	.1	-.1	.02	46.2	1.5	.84	.07	.2	.2	38.2	10.3	48.8	-.01	.003		100
700	2447		1.1	.5	.1	-.1	.03	46.6	5.1	.17	.07	.1	.2	41.4	4.1	46.0	-.01	-.003		99
700	2451		10.4	1.6	.5	.11	.03	50.4	1.4	.43	.38	2.8	-.1				.018	.005		
700	2452		3.5	-.7	.2	-.1	.04	50.7	.7	.54	.14	1.7	-.1				-.01	.003		
700	2453		.2	-.7	.2	-.1	-.01	50.4	2.6	.55	.21	1.2	-.1				.006	.003		
700	2455		.6	-.7	.1	-.1	-.03	50.3	2.3	.52	.10	1.5	-.1				.007	.003		
700	2456		1.3	-.7	.3	-.1	-.04	50.8	1.5	.36	.13	1.7	-.1				.003	.002		
700	2459		6.9	2.6	1.5	.1	.40	44.5	2.6	.14	.43	.3	.23	37.7	2.8	41.4	.01	.006		100
700	2461		.6	.3	.3	-.1	.11	51.7	2.2	.17	.08	.4	.25	42.8	1.1	44.1	.007	.004		100
700	2464		2.3	-.7	.2	-.1	-.04	53.8	1.1	.26	.19	2.1	-.1				.004	.004		
700	2465	A	1.6	-.7	.3	-.1	-.04	50.9	1.0	.25	.15	1.6	.15				.047	.003		
700	2465	B	5.2	2.2	1.9	-.1	.26	32.1	10.7	.02	1.2	.1	.2	40.6		46.0	-.01	.003		100 *
700	2466		.3	.2	.1	-.1	.03	49.9	.2	.96	.06	1.6	.1	41.6	4.7	46.5	-.01	-.002		100 *
700	2467	A	1.2	.9	1.6	-.1	2.6	47.4	3.0	.15	.12	.2	.25	40.4	1.6	42.4	.031	.036		100
700	2467	B	1.3	.9	1.0	-.1	1.8	46.7	2.3	.12	.17	.1	.34	39.0	5.6	45.1	.01	.015		100
700	2467	C	2.1	2.0	4.2	-.1	7.1	37.3	3.3	.14	.19	.4	.1	35.0	6.8	42.9	.06	.05		100 *
700	2470		2.8	1.4	.6	-.1	.1	48.2	2.9	.50	.27	.3	.24	41.0	22.4	43.7	-.01	.005		100
700	2477		2.2	.8	1.2	-.1	.59	46.9	.7	.15	.25	.4	24.0	11.3	2.7	14.7	.02	.014	2.2	100
700	2478		2.4	.2	7.6	.1	10.9	35.4	2.7	.24	.25	.3	13.8	14.7	9.8	24.6	.16	.073	1.2	100 *
700	2480	A	4.0	1.3	2.4	-.1	.42	49.3	1.1	.18	.53	.3	17.5	17.7	3.4	21.2	-.01	.09	1.7	100 *
700	2480	B	1.6	.9	4.6	-.1	.08	44.7	1.1	.14	.19	.2	16.3	21.6	3.0	26.1	-.01	.004	1.5	100 *
700	2481		1.3	1.8	7.3	.1	20.8	30.8	3.4	.26	.43	.4	12.9	8.5	9.6	18.2	.56	.22	1.2	100 *
700	2483	A	8.4	1.6	8.4	.18	.91	42.7	1.7	.16	1.3	.4	16.4	11.6	4.7	16.3	-.02	.04	1.6	100 *
700	2483	B	9.8	2.2	9.0	.20	.16	40.1	1.5	.14	1.8	2.7	16.4	10.8	3.9	14.9	-.01	-.005	1.5	100
700	2485		8.3	1.0	2.4	.18	-.02	44.0	1.2	.23	.92	.4	23.8	11.2	4.1	15.4	-.01	-.005	2.2	100 *

** REVISED SUM

Code Line 710 Chemical analyses, trace elements

Code line 710 contains chemical analyses for trace elements in the samples selected as described under code line 700. The trace element determinations were made on the same pellet as the major element determinations, but with excitation at higher energy and with results of lower precision. The rounding of values generally indicates their estimated reliability. See code line 700 for further details of the method.

Minus signs indicate that the amount detected is less than the value shown.

Acknowledgements

The analyses were made by Frank T. Manheim, assisted by Susan Kadar, Heidi Richards, Raymond Angona and Lois Toner. Semi-quantitative analyses for vanadium and molybdenum and other traces made by Analytical Laboratories Branch, U.S. Geological Survey, Washington, D.C. are indicated by asterisks.

Explanation of headings

CODE #	710 denotes chemical analyses, trace elements
STATION #	As described under code line 100 above

Trace elements, in percent, as oxides

CO	Cobalt
NI	Nickel
CU	Copper
V*	Vanadium (* = semi-quantitative analyses by Analytical Laboratories Branch, U.S. Geological Survey, Washington, D.C.)
MO*	Molybdenum
ZN	Zinc
SR	Strontium
BA	Barium
TI	Titanium
MN	Manganese

Minus signs indicate that the amount detected is less than the value shown.

Positions of data within tape records 6

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
710	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Cobalt	23-28	F	6	24	4
	Nickel	31-36	F	6	32	4
	Copper	39-44	F	6	40	4
	Vanadium	47-52	F	6	48	4
	Molybdenum	55-60	F	6	56	4
	Zinc	63-68	F	6	64	4
	Strontium	71-76	F	6	72	4
	Barium	79-84	F	6	80	4
	Titanium	88-93	F	6	89	4
	Manganese	96-101	F	6	97	4
	Other element (symbol)	102,103	A	2		
	(amount)	104-109	F	6	105	4
	Other element (symbol)	110,111	A	2		
	(amount)	112-117	F	6	113	4
	Continuation signal	120	A	1		

CHEMICAL ANALYSES, TRACE ELEMENTS, IN PERCENT AS OXIDES

#=FROM MAJOR ELEMENT ANALYSI
**=SEMI-QUANT ANALYSES BY USGS, WASH., D.C.

CODE #	STATION #	CO*	NI	CU	V*	MO*	ZN	SR	BA	TI	MN
710	H029		.006	.002			.024	-.01	.02	.96	.11
710	H030		.004	.002			.012	-.01	.01	.72	.02
710	H033		.004	-.002			.032	-.04	.02	.99	.02
710	H034		-.002	-.003			.003	.01	.03	.71	.10
710	H037		-.002	-.003			.002	.02	.03	1.16	.02
710	H042		.004	-.003			.01	.01	.03	1.17	.18
710	H043		-.002	.003			.005	.01	.02	1.11	.19
710	H045		.004	-.002			.018	.01	.02	.98	.08
710	H046		-.002	-.003			.027	.01	.01	.76	.01
710	H049		-.002	-.002			.011	.01	.02	.88	.30
710	H051		-.002	.003			.002	.02	.01	.36	.11
710	N050A		-.005	-.002			.007	.01	.02	.95	.04

CHEMICAL ANALYSES, TRACE ELEMENTS, IN PERCENT AS OXIDES

#=FROM MAJOR ELEMENT ANALYSIS
*=SEMI-QUANT. ANALYSES BY USGS, WASH., D.C.

CODE #	STATION #		CO*	NI	CU	V*	MO*	ZN	SR	BA	TI	MN
710	1076	A		.01	-.002			.002	.13	.01	.15	-.01
710	1076	B		.003	-.002			.004	.33	.01	.13	-.01
710	1121			-.002	-.002			-.002	.02	.01	.11	-.01
710	1148			-.002	-.002			-.001	.01	.01	.43	.02
710	1158	A		-.002	-.002			.005	.04	.02	.66	.11
710	1158	B		.004	-.002			.001	.37	.01	.29	.04
710	1158	C		.002	-.002			-.001	.15	.01	.11	.01
710	1170			-.002	-.002			.11	.01	.02	.77	.09
710	1250			.006	-.002			.008	.02	.02	.74	.05
710	1282	H		.002	-.002			.04	.01	.01	2.6	1.8
710	1375	A		-.01	-.002			.002	.13	.01	.10	-.01
710	1375	B		-.005	-.002			.002	.17	.01	.15	-.01
710	1375	C		-.005	-.002			.002	.01	.01	.13	.02
710	1387	H		.015	-.002			.062	-.01	.01	>4.0	.91
710	1426			-.002	-.002			-.002	-.01	-.01	.34	-.01
710	1448			-.002	-.002			.006	.04	-.01	.30	-.01
710	1464			-.002	-.002			-.002	-.01	-.01	-.30	-.01
710	1532			-.005	-.002			-.002	.44	-.01	.05	-.01
710	1535			-.005	-.01			-.002	.40	-.01	.10	-.02
710	1536			-.002	-.002			-.002	.19	-.01	.10	-.01
710	1537			-.005	-.003			-.002	.05	-.01	.24	-.01
710	1538	A		.005	-.002			-.002	.02	-.01		.02
710	1538	B		-.002	-.002			-.002	-.02	.01	.32*	.05
710	1549			-.01	-.002			-.002	.33	-.01	.33	-.01
710	1569			.004	-.002			-.002	.50	-.01	.15	.01
710	1574			.005	-.002			-.002	.54	-.01	.15	-.01
710	1575			-.005	-.002			-.002	.70	-.01	.07	-.01
710	1578			-.005	-.002			.03	.19	-.01	.07	.05
710	1580	B		.008	-.002			-.002	.30	.01	.19	.07
710	1584			.006	.002			.007	.29	-.01	.13	.01
710	1585			-.005	-.002			-.002	.26	-.01	.10	.02
710	1586	A		.005	-.002			-.002	.30	.01	.14	.06
710	1586	B		.006	-.002			-.002	.30	.01	.15	.06
710	1587			.006	-.002			-.002	.31	-.01	.13	.08
710	1621			-.002	.002			-.002	.85	.01	.14	-.01
710	1622			-.002	.002			-.002	.30	.01	.21	.01
710	1820			.004	-.002			-.002	.28	-.01	4.0	-.01
710	1830			.011	.005			.004	.32	.02	.35	.40
710	1834			.012	-.002			-.002	.33	.02	.28	.01
710	1836			.006	-.002			-.002	.19	.01	.21	.01
710	1840			.009	-.002			-.002	.14	-.01	.25	.01
710	1842			.005	-.002			-.002	.26	.01	.23	.01
710	1881			.004	-.002			.011	.02	.03	.81	.03
710	1890			.002	-.002			.002	-.01	.02	.46	-.01
710	1891			.004	-.002			.002	.01	.02	>4.0	.02
710	1968			-.002	-.002			.010	.02	.02	.41	-.01
710	1973	A		.003	.005			.046	-.01	.02	.13	.74
710	1973	B		.002	-.002			.033	.01	.03	.65	.13
710	1977			.013	.003			.002	-.01	.03	.89	.54
710	1983			-.002	.002			.005	-.01	.01	.35	-.01
710	1990			.003	-.002			.007	.01	.03	.83	.03
710	1995			.009	-.003			.004	.007	.03	.55	.01
710	2004			.003	-.003			.004	-.01	.01	.32	.01
710	2027	A		-.003	-.003			-.002	-.01	.01	.27	-.01
710	2027	B		.003	-.003			-.002	.01	.01	1.4	.01
710	2032			-.003	-.003			-.002	-.01	-.01	.19	.01
710	2054			-.002	-.002			.002	-.04	-.01	.26	-.01
710	2057			-.002	-.002			.002	-.02	.01	.61	-.01
710	2073			.010	.003			.010	.05	.04	.58	.03
710	2075			.017	.002			.012	.05	.04	.65	.03
710	2079			.011	.002			.033	-.02	.04	1.2	.04
710	2080	A		-.002	-.002			.002	.04	.02	.40	-.01
710	2080	B		-.002	-.002			.003	.04	.01	.41	-.01
710	2096			.062	.005			.035	.01	.04	.56	.04
710	2097			.008	.002			.017	.04	.04	.62	.03
710	2098			.016	-.002			.017	.07	.04	.71	.03
710	2100			.004	-.002			.013	.07	.03	.64	.02
710	2102	A		.006	-.002			.008	.02	.03	.64	.03
710	2102	B		.007	-.002			.022	.04	.03	.78	.04
710	2130			-.003	.003			.01	.01	.01	.20	-.01
710	2228			.005	-.002			.013	-.03	.02	.85	.03
710	2242			.002	.002			.007	.01	.07	.35	.01
710	2258			.004	-.002			-.002	.01	.02	.26	-.01
710	2322			.004	.003			-.002	-.01	.03	.31	.01
710	2337			-.004	.003			-.002	.34	.009	.21	.01
710	2338			.009	.024			.025	.09	-.01	.08	.43
710	2339	A		.004	.005			.016	.15	-.01	.06	.13
710	2339	B	.10	.43	.10 *		.02	.005*	.17	.22	.57	>4.0
710	2340	A		.003	.008			.008	.08	.001	.13	.26
710	2340	B		.017	.020			.025	.15	.004	.08	.49
710	2340	C		.008	-.005			.005	.06	-.01	.11	.17
710	2342	C	.1	.33	.32			.083	.07	.08	.17	>4.0
710	2346			.07	.064			.022	.09	-.01	.09	>4.0
710	2367			.003	.002			.008	.38	-.01	.03	.03
710	2374	A		.08	.15			.020	.14	.002	.09	>4.0
710	2374	B		.30	.27			.066	.10	.14	.35	>4.0
710	2379			.004	.003			.002	.12	-.01	.17	.05
710	2381			.31	.21			.064	.13	.18	.65	>4.0
710	2384		.15	.41	.10	.03	.02	.052	.17	.22	.63	>4.0
710	2386			.010	.021			.030	.10	-.01	.17	.45

CHEMICAL ANALYSES, TRACE ELEMENTS, IN PERCENT AS OXIDES

#=FROM MAJOR ELEMENT ANALYSIS
**=SEMI-QUANT ANALYSES BY USGS, WASH., D.C.

CODE #	STATION #		CO*	NI	CU	V*	MO*	ZN	SR	BA	TI	MN
710	2387	A		.009	.008			.007	.14	-.01	.13	.19
710	2387	B		.38 #	.16			.058	.36	.14	.44	>4.0
710	2388	A	.05	.07 *	.074*			.043	.15	.06	.27	3.40
710	2389			.28 #	.13			.063	.18	.13	.15	>4.0
710	2390	A		.39 #	.14			.041	.34	.13	.44	>4.0
710	2390	B		.008	-.002			-.002	.14	.04	-.05	>4.0
710	2390	C		.39 #	.15			.050	.12	.21	.57	>4.0
710	2392		.07	.27 #	.14			.049	.24	.16	.48	>4.0
710	2393	A		.003	-.004			-.002	.16	-.01	.12	.083
710	2393	B		.47 #	.15			.058	.12	.17	.49	>4.0
710	2393	C		.003	-.005			.01	.16	-.01	.07	.10
710	2399			.004	.004			.005	.20	.01	.24	.02
710	2414			.005	.003			.004	.13	-.01	.07	.048
710	2438	A		.004	.005			.013	.24	-.01	.02	.065
710	2438	B		-.005	.004			.012	.25	.01	-.05	.065
710	2438	C		-.005	.003			.001	.13	.005	.03	.024
710	2440	A		.017	-.005			.002	.09	-.01	.07	.20
710	2440	B		.020	-.004			.010	.14	.01	-.03	.17
710	2446			-.005	.003			.018	.84	.009	.03	.022
710	2447			-.005	-.003			-.002	.17	.002	-.05	.036
710	2451			.018	.005			.003	.46	.02	.09	.034
710	2452			.002	.003			-.001	.64	-.01	.03	.05
710	2453			.006	.003			-.002	.68	-.01	-.02	.06
710	2455			.007	.003			-.002	.58	-.01	.05	.04
710	2456			.003	.002			-.002	.38	-.01	.03	.04
710	2459			.011	.005			.004	.13	-.01	.08	.45
710	2461			.005	.004			-.002	.15	-.01	-.03	.08
710	2464			.004	.004			-.002	.26	-.01	.08	.03
710	2465	A		-.004	.003			-.002	.25	-.01	.05	.04
710	2465	B		-.003	.004			.001	.02	.004	.03	.26
710	2466			-.004	-.002			-.001	1.00	.008	-.01	.04
710	2467	A		.040	.040			.006	.14	.01	.08	2.4
710	2467	B		.014	.016			.002	.12	.01	.06	1.9
710	2467	C		.051	.046			.014	.14	.013	.03	>4.0
710	2470			.007	.005			-.002	.50	.01	.05	.04
710	2477			.02	.014			.005	.13	.027	-.01	.70
710	2478			.2 #	.073			.067	.22	.029	.10	>4.0
710	2480	A		-.004	.010			.010	.16	.067	-.10	.41
710	2480	B		.003	.004			.004	.12	.003	-.05	.07
710	2481			.56 #	.250			.120	.23	.35	.15	>4.0
710	2483	A		.004	.014			.016	.13	.007	.17	.77
710	2483	B		-.006	.005			.016	.12	.003	.18	.13
710	2485			-.003	-.002			.004	.23	.004	.20	.01

List of Area Codes

Area Code	Description
1	Scotian Shelf
2	South of Nova Scotia
3	Bay of Fundy
4	Northern Maine coast
5	Northern Gulf of Maine
6	Browns Bank
7	Continental Slope South of Nova Scotia
8	Northeast Channel
9	Georges Basin Area
10	Central Gulf of Maine
11	Central Maine Coast
12	Northern Massachusetts and New Hampshire Coast
13	Southern Gulf of Maine
14	Georges Bank
15	Continental Slope South of Georges Bank
16	Continental Slope South of Great South Channel
17	Great South Channel
18	Nantucket Shoals
19	Nantucket and Vineyard Sounds and Buzzards Bay
20	Cape Cod Bay
21	Massachusetts Bay
22	Narragansett Bay and Block Island Sound
23	Shelf South of New England
24	Slope South of New England
25	Shelf South of Long Island
26	Long Island Sound
27	Shelf East of New Jersey
28	Slope East of New Jersey
29	Middle Atlantic Continental Rise
30	New England Continental Rise
31	New Jersey Coast
32	Delaware Bay
33	Delaware Coast
34	Shelf East of Delaware
35	Slope East of Delaware
36	Chesapeake Bay
37	Albemarle and Pamlico Sounds
38	Shelf East of Virginia and North Carolina
39	Slope East of Virginia and North Carolina
40	Southern Continental Rise
41	Blake Escarpment, Ridge, and Spur
42	Florida-Hatteras Slope off North Carolina
43	Shelf off North Carolina
44	South Carolina Coast
45	Shelf off South Carolina
46	Florida-Hatteras Slope off South Carolina
47	Northern Blake Plateau
48	Inner Blake Plateau

Area Code	Description
49	Florida Hatteras Slope off Georgia
50	Shelf off Georgia
51	Georgia Coast
52	Northern Florida Coast
53	Northern Florida Shelf
54	Florida-Hatteras Slope off Northern Florida
55	Central Florida Coast
56	Central Florida Shelf
57	Florida-Hatteras Slope off Central Florida
58	Northern Straits of Florida
59	Bahama Banks
60	Southern Straits of Florida
61	Southern Florida-Hatteras Slope
62	Shelf off Florida Keys
63	Florida Bay
64	Outer Blake Plateau

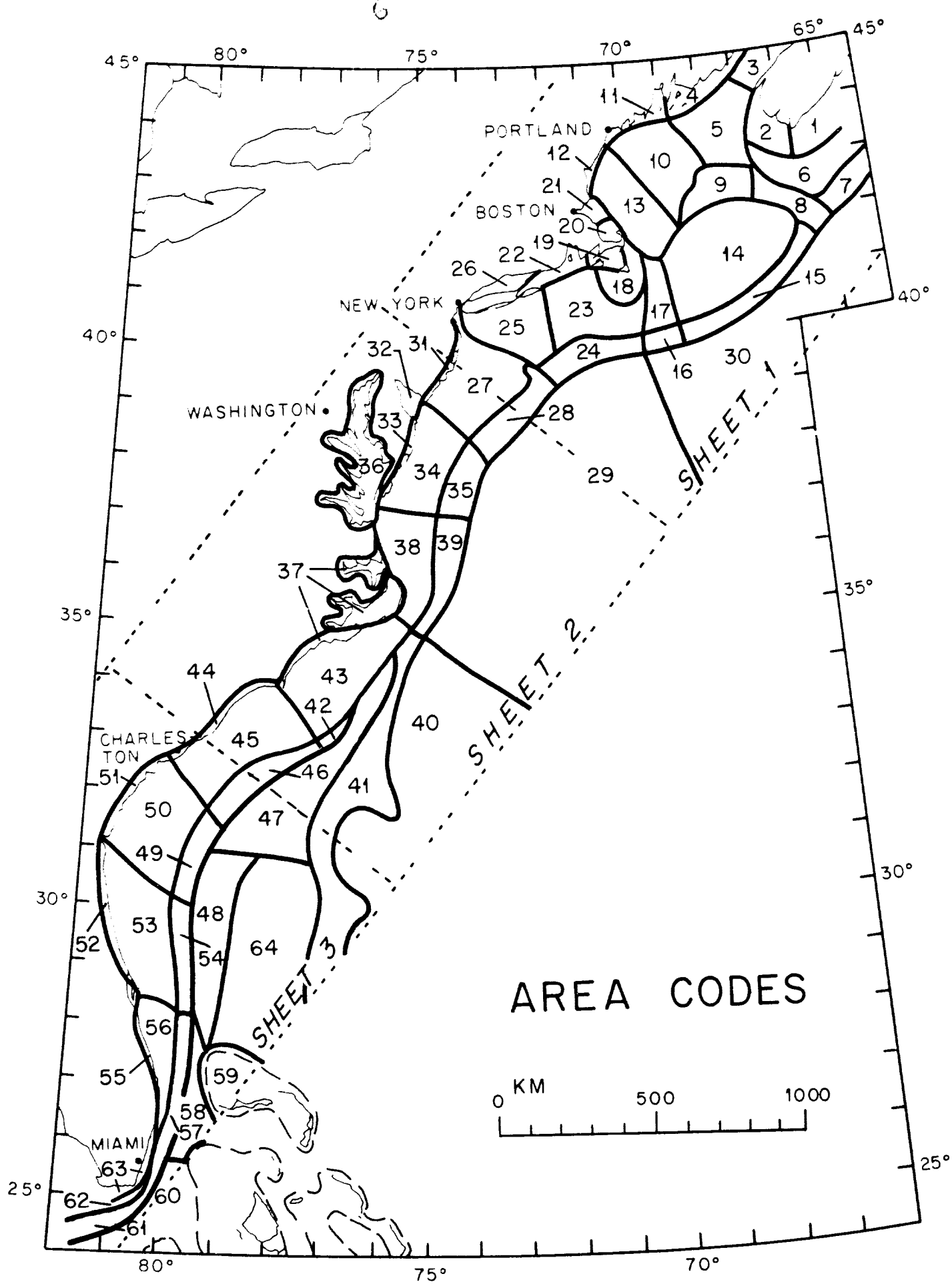

Figure 1. Area Code Index Map

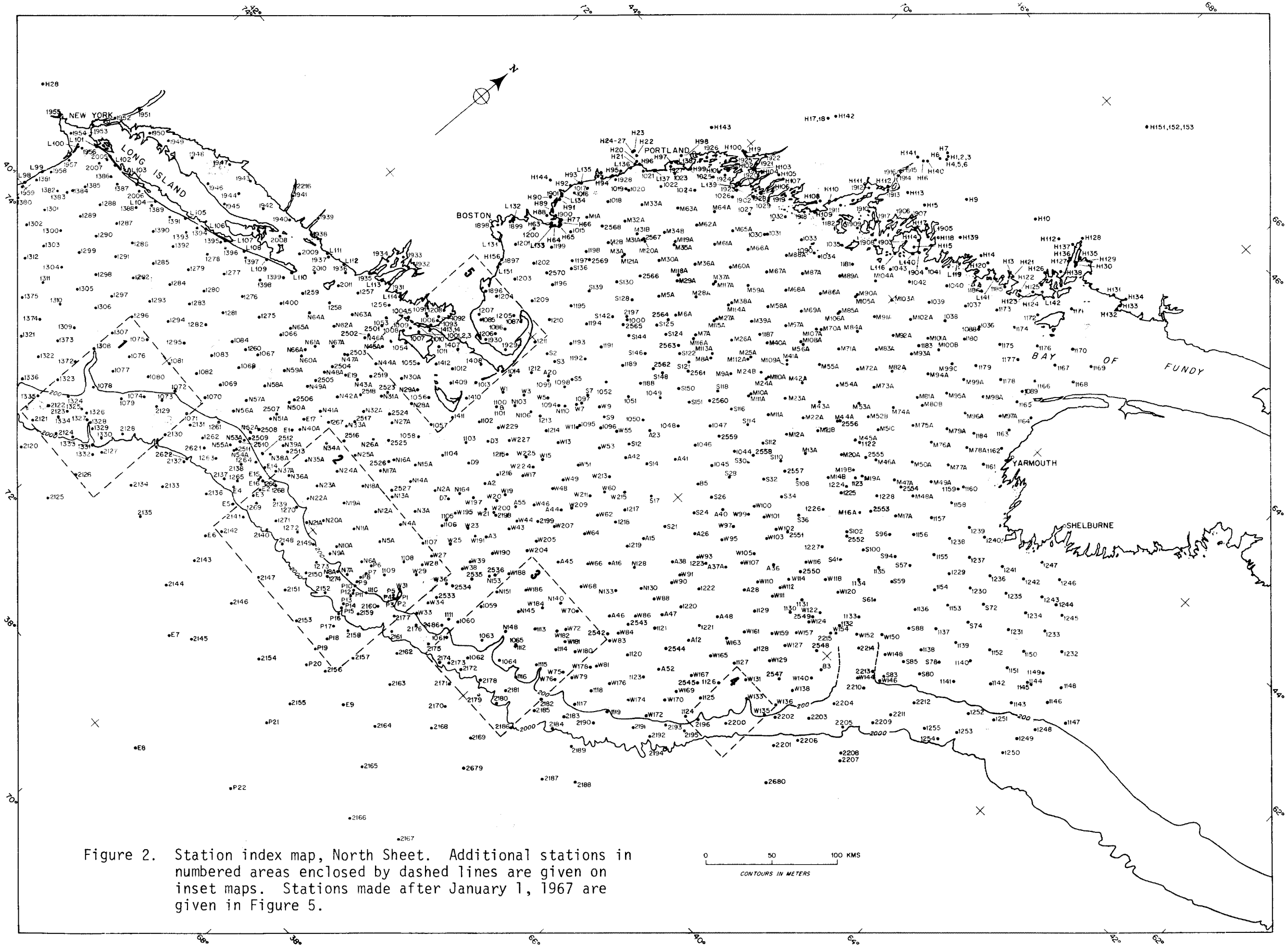

Figure 2. Station index map, North Sheet. Additional stations in numbered areas enclosed by dashed lines are given on inset maps. Stations made after January 1, 1967 are given in Figure 5.

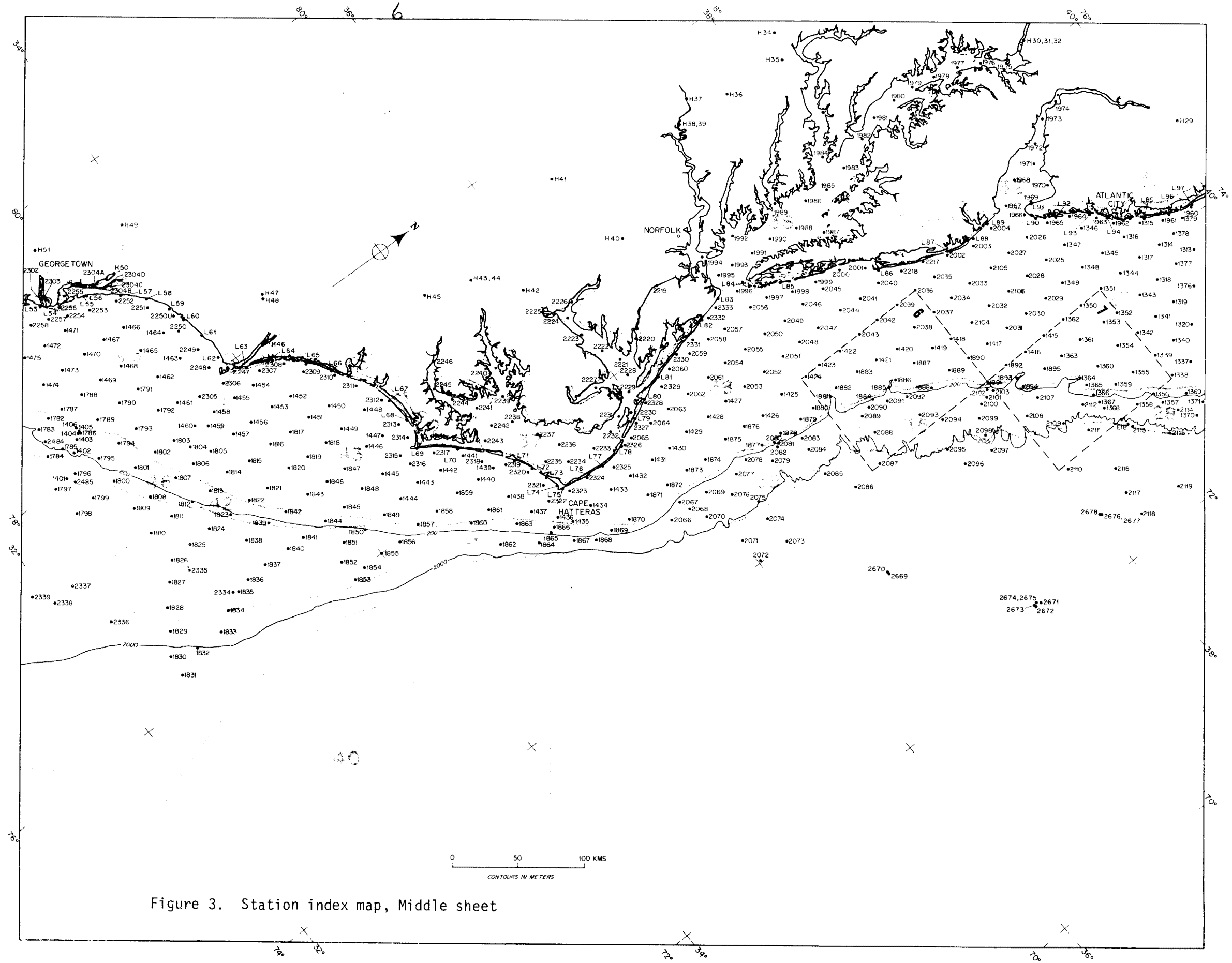

Figure 3. Station index map, Middle sheet

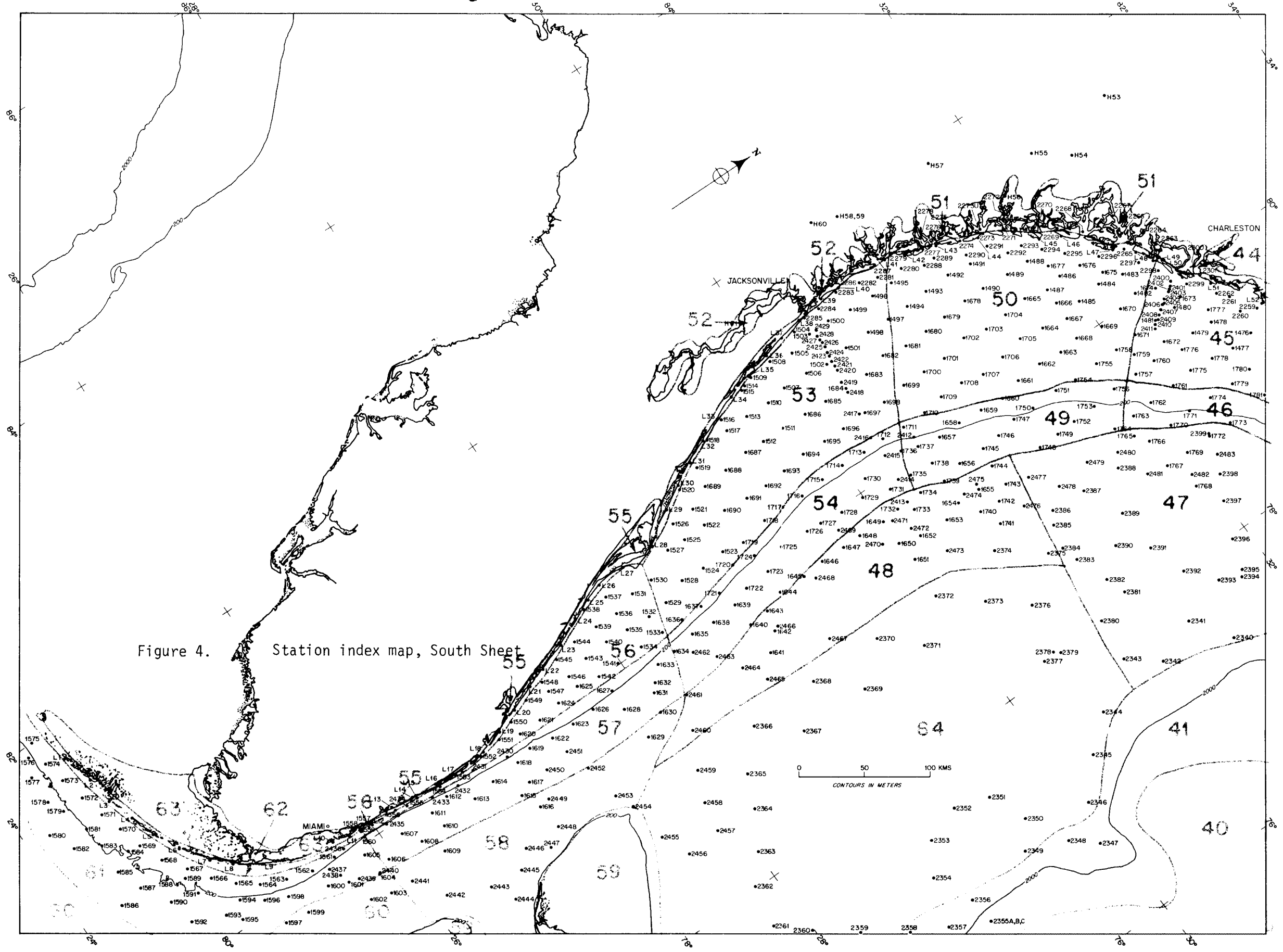

Figure 4. Station index map, South Sheet

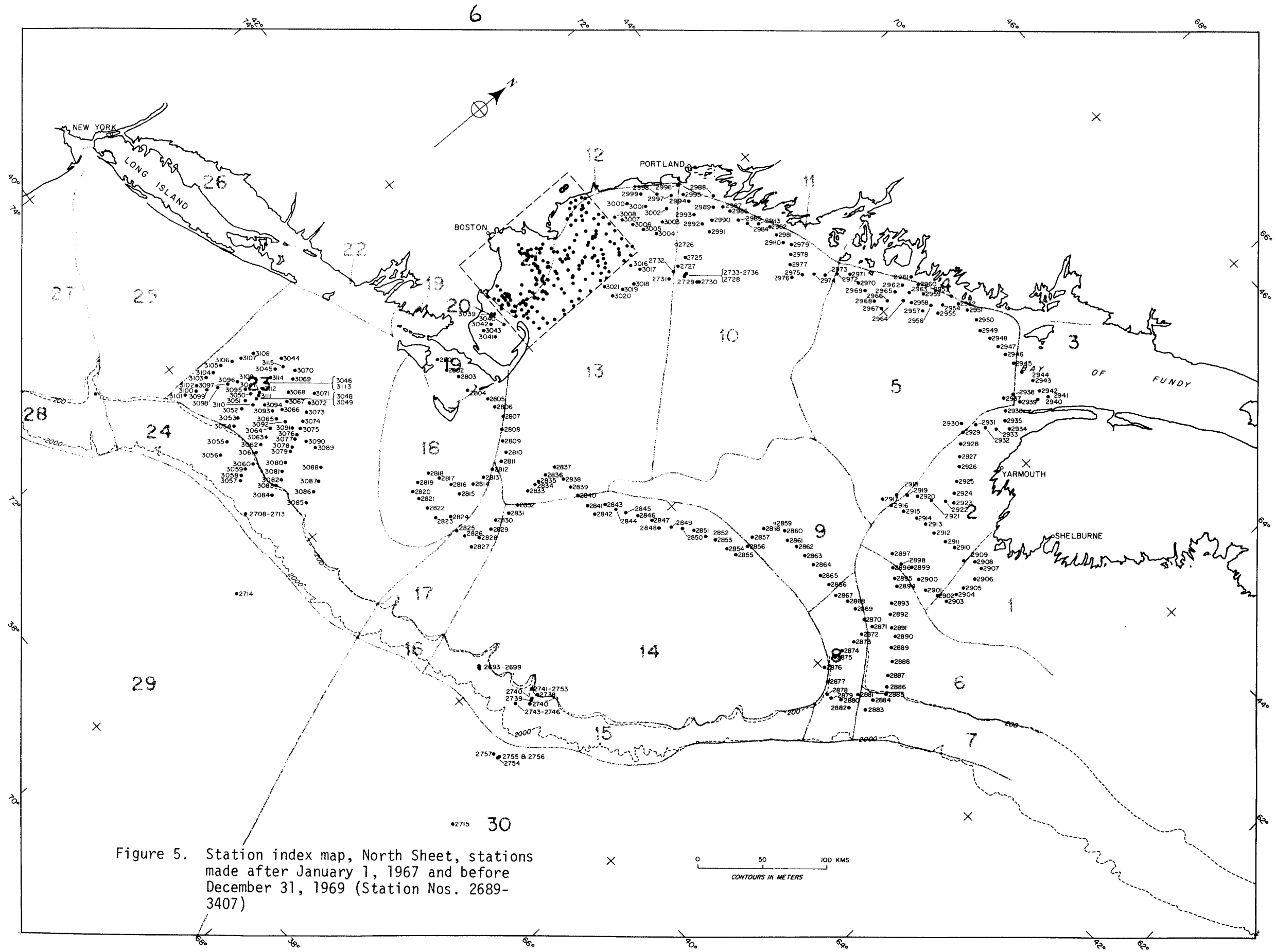

Figure 5. Station index map, North Sheet, stations made after January 1, 1967 and before December 31, 1969 (Station Nos. 2689-3407)

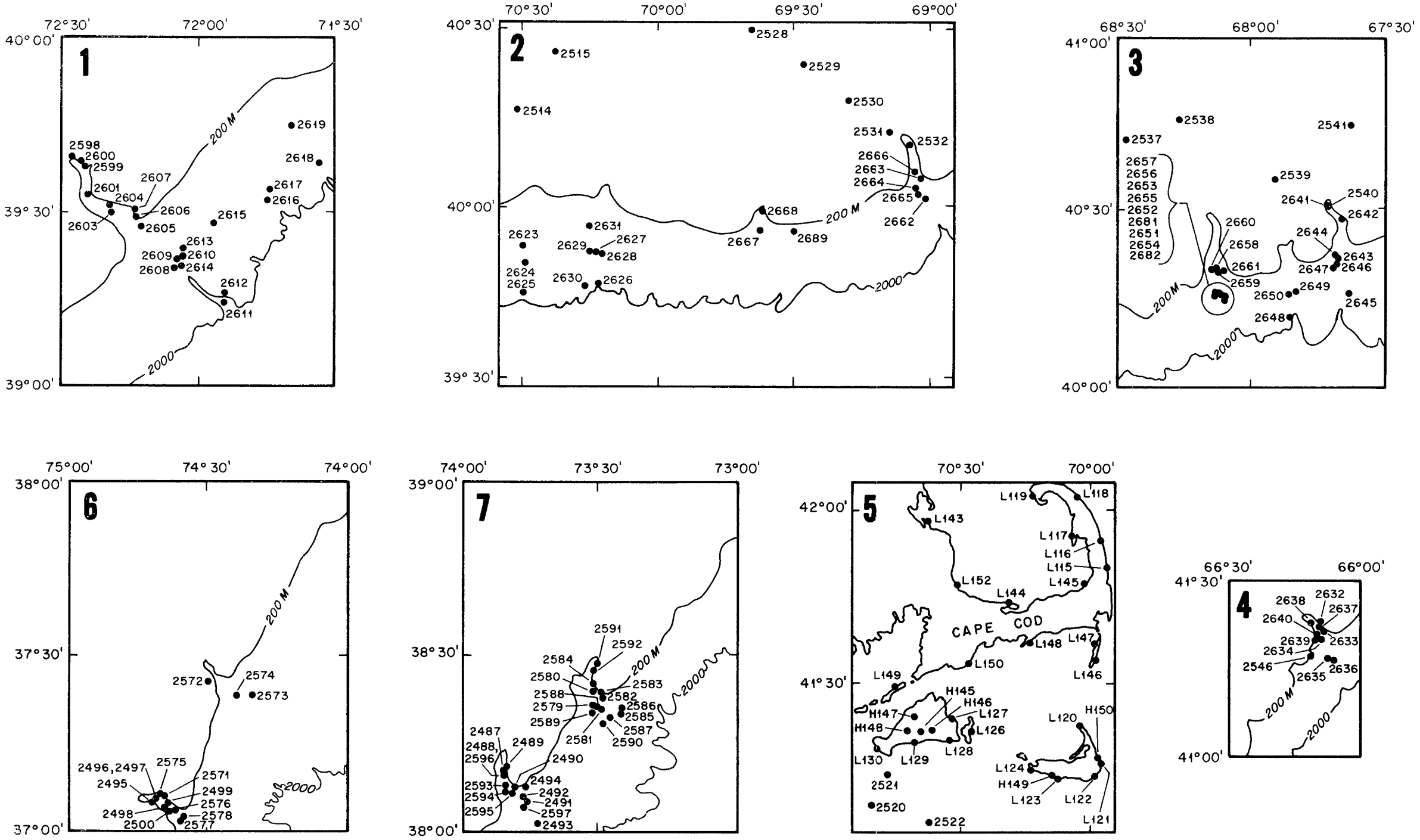

Figure 6. Inset maps 1 - 7

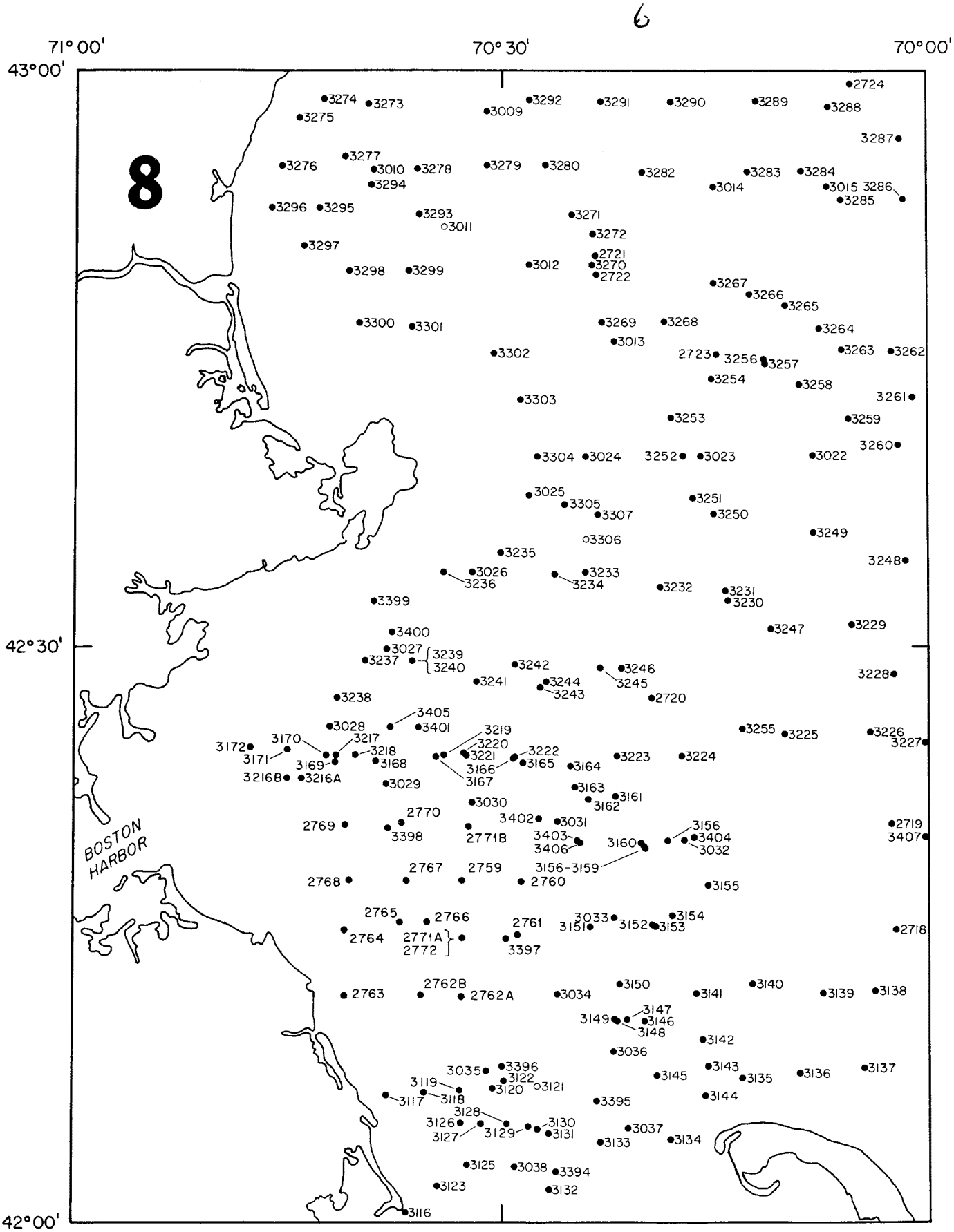

Figure 7. Inset map 8

List of Abbreviations

(Adapted from Rusnak, G.A. and S.J. Luft, 1963.)

Biological Terms

brachiopod	brach
burrows	burw
cephalopod	ceph
echinoid	echn
foraminifera	F
gastropod	gstr
globigerina	glob
halimeda	hal
mandibles	mand
mollusk	mlsc
organisms	org
pelecypod	plcy
plant	plt
pogonophora	pogono
pteropod	Pt
preserved	prsvd
radiolarian	R
shell (y)	shl (y)
spicules	spcl

Directional Terms

bottom	btm
horizontal	hor
lower	lwr
middle	mid
near	n/
parallel	//
plane	pln
uniform (ly)	unfm (y)
upper	upr
variable	var
vertical (ly)	vert (y)

Mineralogical Terms

calcite	cal
carbon	c
clay	cl
dolomite	dol
dolomitic	dolic
ferruginous	fer
glauconite	glauc
limestone	ls
Limonite	Lim
manganese	Mn
marcasite	mrcs
mineral	min
mineralization	minztn
phosphorite	phos
quartz	qtz
siderite	sid

Color Terms

black	blk
blue	bl
brown	brn
cream	crm
dark	dk
gradational	grdl
gray	gy
green	gn
light	lt
medium	md
mottle,-d	mot
olive	ol
orange	orn
red	rd
stain(ing)	stn(g)
variegated	vrg
yellow	yl

Lithologic Terms

arenaceous	aren
argillaceous	argl
calcareous	calc
carbonaceous	carb
cement(ed)	cmt(d)
clay	cl
detrital	detr
lithology	lith
limestone	ls
micaceous	mic
mudstone	mdstn
oolitic	ool
pisolitic	pis
rock(s)	rk, rx
sand(y)	sd(y)
sandstone	ss
shale	sh
siliceous	sil
silt(y)	slt(y)
tuffaceous	tuf
volcanic	volc

Quantitative Terms

abundant	abu
common	cm
concentration	conc
concentrated	contrd
disseminated	dism
flood	fld
fraction	fxn
large	lrg
light	lt
medium	md
moderate(ly)	mod(y)
prominent	prmt
rare	r/
scarce	scr
scattered	sct
slight(ly)	sl(y)
small	sm
some	s/
strong	strn(y)
trace	tr
uniform	unfm(y)
variable	var
very	v

Miscellaneous Terms

admixed	adm
and	+
apparent	apr
at	@
average	ave
canyon	cnyn, cn
complete(ly)	cpl(y)
diameter	diam
differentiation	diff
distinct	dst
estimate(d)	est
from	fr
highly	hly
irregular	irrg
marked	mrkd
material	mtrl
maximum	max
number	#
open space	O-S
oxidation	oxn
oxidized	ox
percent	%
partial(ly)	prt(y)
poor(ly)	pr(y)
preserved	prsvd
regular	reg
residue	res
sediment	sed
strength (compressive)	S
temperature	tem
well	w
with	w/
without	w/o

Textural and Structural Terms

aggregate	agr
angular	ang
bedding	bdng
coarse	crs
cobble	cob
compact(ed)	cpt(d)
composite	comp
concretion	cncr
contact	ct
cross-bedded	x-bd
crystalline	xln
crystal	xtl
dense	ds
disseminated	dism
distributed	distrib
disturbed	dstb
fine	fn
frosted	fstd
fracture	frac
fragment	frag
gradational	grdl
graded	grd
gradually	grdy
grain	grn
granular	grlr
granule	grnl
gravel	grv
hard	hd
indurated	indur
irregular	irrg
lamina(ted)	lam(d)
layer(ed)	lyr(d)
loose	l/
massive	msv
medium	md
nodule	nod
oolite	ool
pebble	peb
pellet	pel
regular	reg
rock(s)	rk,rx
round(ed)	rnd(d)
sharp	shp
shell(y)	shl(y)
soft	sft
sorted, sorting	srt(g)
stain(ing)	stn(g)
stratified	stra
streak	stk
stringer	strg
structure	str
swirls	swls
texture	text
thin-bedded	t-b
tight	t/
uniform(ly)	unfm(y)
void	v/
zone	z/

Selected References

Hathaway, John C., 1956, Procedure for clay mineral analyses used in the sedimentary petrology laboratory of the U.S. Geological Survey: Clay Minerals Bulletin, v. 3, p. 8-13.

Hathaway, John C. (in preparation), A computer program for quantitative x-ray powder diffraction analysis.

Hayes, J.R. and Klugman, M.A., 1959, Feldspar staining methods: Jour. Sed. Petrology, v. 29, p. 227-232.

Kabat, E.A., and Mayer, M.M., 1948, Experimental Immunochemistry, 1st edition, C.C. Thomas Co.

Kolpack, R.L. and Bell, S.A., 1968, Gasometric determination of carbon in sediments by hydroxide absorbtion: Jour. Sed. Petrology, v. 38, no. 2, p. 617-620.

Krumbein, W.C., 1934, Size frequency distributions of sediments: Jour. Sed. Petrology, v. 4, p. 65-77.

Landergren, Sture, William Muld, and Benita Rajandi, 1964, Appendix to: Reports of the Swedish Deep Sea Expedition 1947-1948, vol. X, Special Investigations, Fas. IV, no. 5, p. 148-154.

National Oceanographic Data Center, 1966, Instructions for coding and keypunching the geological sample information form for core, grab, and dredge samples: National Oceanographic Data Center Manual Series, Pub. M-5, 43 p.

Rusnak, G.A. and S.J. Luft, 1963, A suggested outline for the megascopic description of marine sedimentary cores: Inst. of Marine Sci., Univ. of Miami, Ref. 63-1.

Schlee, John (in preparation), Atlantic Continental Shelf and Slope of the United States - Sediment Texture of northeastern part: U.S. Geol. Survey Prof. Paper 529-L.

Shepard, F.P., 1954, Nomenclature based on sand-silt-clay ratios: Jour. Sed. Petrology, v. 24, p. 151-158.

PUBLICATIONS OF THE WOODS HOLE OCEANOGRAPHIC INSTITUTION--U.S. GEOLOGICAL SURVEY PROGRAM FOR THE ATLANTIC CONTINENTAL MARGIN

1963-1970

Ballard, R.D., and Elazar Uchupi, 1970, Morphology and Quaternary history of the continental shelf of the Gulf Coast of the United States: Bull. Marine Science, v. 20, p. 547-559. WHOI 2399.

Bischoff, J.L., and F.T. Manheim, 1969, Economic potential of the Red Sea heavy metal deposits. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York Inc., p. 535-541. WHOI 2202.

Bond, G.C., and R.H. Meade, 1966, Size distributions of mineral grains suspended in Chesapeake Bay and nearby coastal waters: Chesapeake Science, v. 7, no. 7, p. 208-212. WHOI 1852.

Bray, E.E., and E.D. Evans, 1969, Organic extracts from JOIDES cores off northeastern Florida: Drilling on the continental margin off Florida: U.S. Geol. Survey Prof. Paper 581-C, 7 p.

Bukry, D., S.A. Kling, F.T. Manheim, and M.K. Horn, 1970, The geological significance of coccoliths in the fine-grained carbonate bands of postglacial Black Sea sediments: Nature, v. 226, p. 156-158. WHOI 2412.

Bunce, E.T., K.O. Emery, R.D. Gerard, S.T. Knott, Louis Lidz, Tsunemasa Saito, and John Schlee, 1965, Ocean drilling on the continental margin: Science, v. 150, p. 709-716. WHOI 1707.

Chan, K.M., and F.T. Manheim, 1970, Interstitial water studies on small core samples, Deep Sea Drilling Project, Leg 2. In Initial reports of the Deep Sea Drilling Project, v. 2, covering Leg II of the cruises of the drilling vessel "Glomar Challenger", Hoboken, N.J. to Dakar, Senegal, October-November 1968, p. 367-373. WHOI 2389.

Degens, E.T., and D.A. Ross, 1967, Hot brines and heavy metals in the Red Sea: Oceanus, v. 13, nos. 2 & 3, p. 24-31. Nearly same article in: Degens, E.T. and D.A. Ross, 1967, Confirmation from afar: Saturday Review, 2 September, p. 52.

Degens, E.T., and D.A. Ross (Editors), 1969, Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account: Springer-Verlag New York Inc., 600 p.

Degens, E.T., and D.A. Ross, 1970, The Red Sea hot brines: Scientific American, v. 222, p. 32-42.

Degens, E.T., and D.A. Ross, 1970, Oceanographic expedition in the Black Sea: Die Naturwissenschaften, v. 7, p. 349-353. WHOI 2430.

Edwards, R.L., and K.O. Emery, 1968, The view from a Storied sub the "Alvin" off Norfolk, Va.: Commercial Fisheries Review, v. 30, nos. 8-9, p. 48-55. WHOI 2142.

Emery, K.O., 1964, Turbidites--Precambrian to Present: Studies on Oceanography, Dedicated to Professor Hidaka in Commemoration of his Sixtieth Birthday, Tokyo, p. 486-495. WHOI 1423.

Emery, K.O., 1965, Characteristics of continental shelves and slopes: Bull. Amer. Assoc. Petroleum Geologist, v. 49, p. 1379-1384. WHOI 1363.

Emery, K.O., 1965, Some potential mineral resources of the Atlantic continental margin: U.S. Geol. Survey Prof. Paper 525-C, p. C157-C160. WHOI 1615. Also in 90th Congress (1967) 1st Session, House Report No. 999, p. 246-250.

Emery, K.O., 1965, Geology of the continental margin off eastern United States: Submarine Geology and Geophysics (ed. W.F. Whittard and R. Bradshaw), Proc. 17th Symposium Colston Research Society, Univ. Bristol, April 5-9, 1965, Butterworths, London, p. 1-20. WHOI 1586.

Emery, K.O., 1965, Aerial observations of the sea surface off the Atlantic coast of the United States: Proc. Third Goddard Mem. Symp., Sci. Exper. Manned Orbital Flight, 18-19 Mar. 1965 (ed. P.C. Badgley), Amer. Astronaut, Soc., Sci. Techn. Ser., v. 4, p. 171-182. WHOI 1602.

Emery, K.O., 1966, Early man may have roamed the Atlantic shelf: Oceanus, v. 12, no. 2, p. 2-5.

Emery, K.O., 1966, Geological methods for locating mineral deposits on the ocean floor: Marine Technology Society, Trans. 2nd. Ann. Conf. & Exhibit (Exploiting the Ocean), June 27-29, 1966, Washington, D.C., p. 24-43. WHOI 1791.

Emery, K.O., 1966, The Woods Hole Oceanographic Institution--U.S. Geological Survey Program for the Atlantic Continental Margin: Status at end of 1965: Maritime Sediments, v. 2, no. 2, p. 55-68.

Emery, K.O., 1966, Atlantic Continental Shelf and Slope of the United States: Geologic background: U.S. Geol. Survey Prof. Paper 529-A, 23 p. WHOI 1772.

Emery, K.O., 1967, Estuaries and lagoons in relation to continental shelves: Estuaries (ed. G.E. Lauff): Amer. Assoc. Adv. Science, Publ. No. 83, p. 9-11. WHOI 1493.

Emery, K.O., 1967, Bartholomew Gosnold and Richard Hakluyt: The Cape, v. 1, no. 8 (July), p. 9-11.

Emery, K.O., 1967, Some stages in the development of knowledge of the Atlantic coast of the United States: The Quaternary History of the Ocean Basins (ed. Mary Sears): Progress in Oceanography, v. 4, Pergamon Press, London, p. 307-322. WHOI 1450.

Emery, K.O., 1967, Geological aspects of sea-floor sovereignty: The Law of the Sea, Offshore Boundaries and Zones (ed. L.M. Alexander): The Ohio State Univ. Press, Columbia, Ohio, p. 139-159. WHOI 1824.

Emery, K.O., 1967, The activity of coastal landslides related to sea level: Papers in Marine Geology in Honor of Professor Jacques Bourcart: Revue de Géographie Physique et Géologie Dynamique, Paris, 10th ser., v. 9, no. 3, p. 177-180. WHOI 1763.

Emery, K.O., 1967, The Atlantic continental margin of the United States during the past 70 million years: Collected Papers on the Geology of the Atlantic Region (Lilly Memorial Volume) (ed. E.R. Neale): Geol. Assoc. Canada, Spec. Paper No. 4, p. 53-70. WHOI 1806.

Emery, K.O., 1968, Relict sediments of continental shelves of the world: Bull. Amer. Assoc. Petroleum Geologists, v. 52, p. 445-464. WHOI 1913.

Emery, K.O., 1968, The geology of the Atlantic continental shelf and slope: Underwater Naturalist, v. 5, no. 1, p. 4-7.

Emery, K.O., 1968, The continental shelf and its mineral resources: In Selected Papers from the Governor's Conference on Oceanography. Oct. 11-12, 1968 at the Rockefeller University, New York, N.Y., p. 37-51. WHOI 2101.

Emery, K.O., 1968, Shallow structure of continental shelves and slopes: South-eastern Geology, v. 9, p. 173-194. WHOI 2100.

Emery, K.O., 1968, Positions of Empty pelecypod valves on the continental shelf: Jour. Sed. Petrology, v. 38, p. 1264-1269. WHOI 2091.

Emery, K.O., 1968, Shallow structure of continental shelves and slopes: Proc. Symposium on Mineral Resources of the World Ocean: Univ. Rhode Island Occ. Publ. No. 4, p. 9-22. Reprint of article originally published in South-eastern Geology.

Emery, K.O., 1969, A Coastal Pond. Studied by oceanographic methods: American Elsevier Publishing Co., New York, 80 p. WHOI 1919.

Emery, K.O., 1969, Distribution pattern of sediments on the continental shelves of western Indonesia: Economic Commission for Asia and the Far East, Committee for Co-ordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas: Geol. Survey of Japan, Tech. Bull., v. 2, p. 79-82. WHOI 2257.

Emery, K.O., 1969, Continental rises and oil exploration: Oil and Gas Journal, v. 67, no. 19, p. 231-243. WHOI 1977.

Emery, K.O., 1969, The continental shelves: Scientific American, v. 221, p. 196-114, 118, 120-122.

Emery, K.O., and R.L. Edwards, 1966, Archaeological potential of the Atlantic continental shelf: Amer. Antiquity, v. 31, p. 733-737. WHOI 1661.

Emery, K.O., and L.E. Garrison, 1967, Sea levels 7,000 to 20,000 years ago: Science, v. 157, p. 684-687. WHOI 1926.

Emery, K.O., and G.J. George, 1963, The shores of Lebanon: American Univ. of Beirut, Miscl. Papers in the Natural Sciences No. 1, p. 1-11. WHOI 1312.

Emery, K.O., Yoshikazu Hayashi, T.W.G. Hilde, Kazuo Osterhagen, Ja Hak Koo, C.Y. Meng, Hiroshi Niino, J.H. Ostergahen, L.M. Reynolds, J.M. Wageman, C.S. Wang, and Sung Jin Yang, 1969, Geological structure and some water characteristics of the East China Sea and the Yellow Sea: Economic Commission for Asia and the Far East, Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas: Geol. Survey of Japan Tech. Bull., v. 2, p. 3-43. WHOI 2300.

Emery, K.O., B.C. Heezen, and T.D. Alan, 1966, Bathymetry of the Eastern Mediterranean Sea: Deep-Sea Research, v. 13, p. 173-192. WHOI 1682.

Emery, K.O., and Jobst Hülsemann, 1964, Shortening of sediment cores collected in open barrel gravity corers: Sedimentology, v. 3, p. 144-154. WHOI 1362.

Emery, K.O., J.M. Hunt, and E.E. Hays, 1969, Summary of hot brines and heavy metal deposits in the Red Sea. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York Inc., p. 557-571. WHOI 2203.

Emery, K.O., and C.O'D. Iselin, 1967, Human Food from ocean and land: Science, v. 157, p. 1279-1281. WHOI 1967. Also in 90th Congress (1967)1st Session, House Report No. 999, p. 243-246.

Emery, K.O., C.A. Kaye, D.H. Loring, and D.J.G. Nota, 1968, European Cretaceous flints on the coast of North America: Science, v. 160, no. 3833, p. 1225-1228. WHOI 2112.

Emery, K.O. and A.S. Merrill, 1964, Combination camera and bottom-grab: Oceanus, v. 10, no. 4, p. 2-7.

Emery, K.O., A.S. Merrill, and J.V.A. Trumbull, 1965, Geology and biology of the sea floor as deduced from simultaneous photographs and samples: Limnology and Oceanography, v. 10, p. 1-21. WHOI 1508.

Emery, K.O., and Hiroshi Niino, 1967, Stratigraphy and petroleum prospects of Korea Strait and the East China Sea: Geol. Survey Korea, Dept. of Geol. Explor., v. 1, no. 1, p. 249-263. WHOI 1924.

Emery, K.O., and L.C. Noakes, 1968, Economic placer deposits of the continental shelf: Economic Commission for Asia and the Far East, Commission for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas: Geological Survey of Japan, Tech. Bull., v. 1, p. 95-111. WHOI 2110. (Also published in Offshore (1969), v. 29, no. 3, p. 91-106. Shorter version entitled "Economic deposits of heavy-mineral placers on the world's continental shelves" was also published in Oceanology International 69, Brighton, England.)

Emery, K.O., and D.A. Ross, 1968, Topography and sediments of a small area of the continental slope south of Martha's Vineyard: Deep-Sea Research, v. 15, p. 416-422. WHOI 2059.

Emery, K.O., and J.S. Schlee, 1963, The Atlantic continental shelf and slope, a program for study: U.S. Geol. Survey Circular 481, p. 1-11.

Emery, K.O., and Boris Shekhvatov, 1966, Bathymetric charts of major parts of the Pacific Ocean, and the new Soviet chart of the Pacific: A review: Deep-Sea Research, v. 13, p. 235-239.

Emery, K.O., and Evelyn Sinha, 1967, Oceanographic books of the world, 1957-1966: Marine Technology Society, Washington, D.C., TP No. 2, 57 p.

Emery, K.O, and Elazar Uchupi, 1965, Structure of Georges Bank: Marine Geology, v. 3, p. 349-358. WHOI 1552.

Emery, K.O., Elazar Uchupi, J.D. Phillips, C.O. Bowin, E.T. Bunce, and S.T. Knott, 1970, Continental rise off eastern North America: Am. Assoc. Petroleum Geologists Bull., v. 54, p. 44-108. WHOI 2324.

Emery, K.O., R.L. Wigley, Alexandra S. Bartlett, Meyer Rubin, and E.S. Barghoorn, 1967, Freshwater peat on the continental shelf: Science, v. 158, p. 1301-1307. WHOI 1968.

Emery, K.O., R.L. Wigley, and Meyer Rubin, 1965, A submerged peat deposit off the Atlantic coast of the United States: Limnology and Oceanography, Supplement to v. 10, p. R97-R102. WHOI 1605.

Emery, K.O., and E.F.K. Zarudzki, 1967, Seismic reflection profiles along the drill holes on the continental margin off Florida: Drilling on the continental margin off Florida: U.S. Geol. Survey Prof. Paper 581-A, 8 p. WHOI 1699.

Folger, D.W., 1970, Wind transport of land-derived mineral, biogenic, and industrial matter over the North Atlantic: Deep-Sea Research, v. 17, p. 337-352. WHOI 2385.

Fye, P.M., A.E. Maxwell, K.O. Emery, and B.H. Ketchum, 1968, Ocean science and marine resources. In Uses of the Sea. The American Assembly. E.A. Gullion, Ed., Prentice-Hall, Inc., Englewoods Cliffs, New Jersey, p. 17-68.

Gibson, T.G., 1965, Eocene and Miocene rocks off the northeastern coast of the United States: Deep-Sea Research, v. 12, p. 965-981. WHOI 1706.

Gibson, T.G., 1970, Late Mesozoic-Cenozoic tectonic aspects of the Atlantic continental margin: Geol. Soc. America Bull., v. 81, p. 1813-1822. WHOI 2352.

Gibson, T.G., J.E. Hazel, and J.F. Mellow, 1968, Fossiliferous rocks from submarine canyons off the Northeastern United States: U.S. Geol. Survey Prof. Paper 600-D, p. D222-D230. WHOI 2155.

Gibson, T.G., and John Schlee, 1967, Sediments and fossiliferous rocks from the eastern side of the Tongue of the Ocean, Bahamas: Deep-Sea Research, v. 14, p. 691-702. WHOI 1973.

Gross, M.G., J.D. Milliman, J.I. Tracey, and H.S. Ladd, 1969, Marine geology of Kure and Midway Atolls, Hawaii: A preliminary report: Pacific Science, v. 23, p. 17-25. WHOI 2106.

Hathaway, J.C., 1966, Data file, Continental Margin Program, Atlantic Coast of the United States, vol. 1, Sample collection data: Woods Hole Oceanographic Institution Ref. No. 66-8, 184 p.

Hathaway, J.C., and P.L. Sachs, 1965, Sepiolite and clinoptilolite from the Mid-Atlantic Ridge: Amer. Mineralogist, v. 50, p. 852-867. WHOI 1534.

Hathaway, J.C., 1967, Data file, Continental Margin Program, Atlantic Coast of the United States, Vol. 1, Sample collection data, Supplement 1: Woods Hole Oceanographic Institution Ref. No. 67-21, 108 p.

Hathaway, J.C. and E.T. Degens, 1969, Methane-derived marine carbonates of Pleistocene age: Science, v. 165, p. 690-692. WHOI 2227.

Hathaway, J.C., P.F. McFarlin, and D.A. Ross, 1970, Mineralogy and origin of sediments from drill holes on the continental margin off Florida: U.S. Geol. Survey Prof. Paper 581-E, 26 p. WHOI 2318.

Hazel, J.E., 1967, Classification and distribution of the Recent Hemicytheridae and Trachyleberididae (Ostracoda) off northeastern North America, U.S. Geol. Survey Prof. Paper 564, 49 p.

Hazel, J.E., 1968, Pleistocene ostracode zoogeography in Atlantic coast submarine canyons: Jour. Paleontology, v. 42, p. 1264-1271. WHOI 2157.

Hazel, J.E., 1970, Atlantic Continental Shelf and Slope of the United States--Ostracode zoogeography in the southern Nova Scotian and northern Virginia faunal provinces: U.S. Geol. Survey Prof. Paper 529-E, 21 p. WHOI 2156.

Hazel, J.E., and P.C. Valentine, 1969, Three new ostracodes from off northeast North America: Jour. Paleontology, v. 43, p. 741-752. WHOI 2159.

Heezen, B.C., G.L. Johnson, and C.D. Hollister, 1969, The northwest Atlantic mid-ocean canyon: Canadian Journal of Earth Sciences, v. 6, p. 1441-1453. WHOI 2296.

Hollister, C.D., and Robert Elder, 1969, Contour currents in the Weddell Sea: Deep-Sea Research, v. 16, p. 99-101. WHOI 2148.

Hülsemann, Jobst, 1966, On the routine analysis of carbonate in unconsolidated sediments: Jour. Sedimentary Petrology, v. 36, p. 622-625. WHOI 1702.

Hülsemann, Jobst, 1966, Spiralfährten und "gefuhrte Mäander" auf dem Meeresboden: Natur und Museum, v. 96, no. 11, p. 449-456. WHOI 1856.

Hülsemann, Jobst, 1967, Der Kontinental-Schelf--geologische Grenze Land/Meer: Umshau, no. 4, p. 105-111.

Hülsemann, Jobst, 1967, The continental margin off the Atlantic coast of the United States: Carbonate in sediments, Nova Scotia to Hudson Canyon: Sedimentology, v. 8, p. 121-145. WHOI 1696.

Hülsemann, Jobst, 1968, Calcium carbonate, organic carbon, and nitrogen in sediments from drill holes on the continental margin off Florida: Drilling on the continental margin off Florida: U.S. Geol. Survey Prof. Paper 581-B, 10 p. WHOI 2042.

Hunt, J.M., E.E. Hays, E.T. Degens, and D.A. Ross, 1967, Red Sea: detailed survey of hot-brine areas: Science, v. 156, p. 514-516. WHOI 1902.

Hunt, J.M., and D.A. Ross, 1967, Strange hot waters and minerals at the bottom of the Red Sea: 4th U.S. Navy Symposium on Military Oceanography, v. 1, p. 102-105.

Macintyre, I.G., and J.D. Milliman, 1970, Physiographic features on the outer shelf and upper slope, Atlantic continental margin, southeastern United States: Geol. Soc. America Bull., v. 81, p. 2577-2598. WHOI 2222.

Mangelsdorf, P.C., Jr., F.T. Manheim, and J.M.T.M. Gieskes, 1970, Role of gravity, temperature gradients, and ion-exchange media in formation of fossil brines: Am. Assoc. Petroleum Geologists Bull., v. 54, p. 617-626. WHOI 2275.

Manheim, F.T., 1965, Manganese-iron accumulations in the shallow marine environment: Symposium on Marine Geochemistry, Occ. Publ. No. 3-1965, Narragansett Marine Laboratory, Univ. Rhode Island, p. 217-276. WHOI 1937.

Manheim, F.T., 1966, A hydraulic squeezer for obtaining interstitial water from consolidated and unconsolidated sediments: U.S. Geol. Survey Prof. Paper 550-C, p. C256-C261. WHOI 1805.

Manheim, F.T., 1966, Soviet books and publications on geological and chemical oceanography, hydrology, and other subjects acquired during the Second International Oceanographic Congress, Moscow, June 1966: Titles and some translated contents and notes: Woods Hole Oceanographic Institution Ref. No. 66-51, 36 p.

Manheim, F.T., 1966, Soviet books and publications on hydrology (continental) and hydrogeology: Titles and some notes on obtaining Soviet monographs: U.S. Geol. Survey, Water Resources Div. Bull., Oct.-Dec., 1966, p. 22-25.

Manheim, F.T., 1966, Soviet books in oceanography: Science, v. 154, p. 995-998.

Manheim, F.T., 1967, Evidence for submarine discharge of water on the Atlantic continental slope of the southern United States, and suggestions for further search: Trans. New York Acad. Sciences, ser. II, v. 29, p. 839-853. WHOI 1974.

Manheim, F.T., 1968, Disposable syringe techniques for obtaining small quantities of pore water from unconsolidated sediments: Jour. Sed. Petrology, v. 38, p. 666-668. WHOI 2160.

Manheim, F.T., and J.L. Bischoff, 1969, Geochemistry of pore waters from Shell Oil Company drill holes of the continental slope of the northern Gulf of Mexico: Chemical Geology, v. 4, p. 63-82. WHOI 2259.

Manheim, F.T., K.M. Chan, D. Kerr, and W. Sunda, 1970, Interstitial water studies on small core samples, Deep Sea Drilling Project, Leg 3. In Initial reports of the Deep Sea Drilling Project, v. 3, covering Leg III of the cruises of the drilling vessel "Glomar Challenger", Dakar, Senegal to Rio de Janeiro, Brazil, December 1968-January 1969, p. 663-666. WHOI 2410.

Manheim, F.T., K.M. Chan, and F.L. Sayles, 1970, Interstitial water studies on small core samples, Deep Sea Drilling Project, Leg 5. In Initial reports of the Deep Sea Drilling Project, v. 5, covering Leg V of the cruises of the drilling vessel "Glomar Challenger", San Diego, California to Honolulu, Hawaii, April-June, 1969, p. 501-509. WHOI 2468.

Manheim, F.T., and M.K. Horn, 1968, Composition of deeper subsurface waters along the Atlantic continental margin: Southeastern Geology, v. 9, p. 215-236. WHOI 2163.

Manheim, F.T., R.H. Meade, and G.C. Bond, 1970, Suspended matter in surface waters of the Atlantic continental margin from Cape Cod to the Florida Keys: Science, v. 167, p. 371-376. WHOI 2345.

Manheim, F.T., F.L. Sayles, 1970, Brines and interstitial brackish water in drill cores from the deep Gulf of Mexico: Science, v. 170, no. 3953, p. 57-60. WHOI 2465.

Manheim, F.T. F.L. Sayles, and Irving Friedman, 1969, Interstitial water studies on small core samples, Deep Sea Drilling Project, Leg 1. In Initial reports of the Deep Sea Drilling Project, v. 1, covering Leg 1 of the cruises of the drilling vessel "Glomar Challenger", Orange, Texas to Hoboken, New Jersey, August-September, 1968, p. 403-410. WHOI 2206.

Manheim, F.T., J.V.A. Trumbull, A.R. Tagg, and J. Hülsemann, 1964, Bottom sediments of Woods Hole Great Harbor: Woods Hole Oceanographic Institution Reference No. 64-38, 6 p.

Martin, B.C., and K.O. Emery, 1967, Geology of Monterey Canyon, California: Bull. Amer. Assoc. Petroleum Geologists, v. 51, p. 2281-2304.

McFarlin, P.F., 1967, Aragonite vein fillings in marine manganese nodules: Jour. Sedimentary petrology, v. 37, p. 68-72. WHOI 1809.

Meade, R.H., 1966, Salinity variations in the Connecticut River: Water Resources Research, v. 2, p. 567-579. WHOI 1742.

Meade, R.H., 1966, Factors influencing the early stages of the compaction of clays and sands--Review: Jour. Sedimentary Petrology, v. 36, p. 1085-1101. WHOI 1827.

Meade, R.H., 1968, Relations between suspended matter and salinity in estuaries of the Atlantic seaboard, U.S.A.: Internat. Assoc. Sci. Hydrology, Gen. Assembly, Bern 1967, v. 4, p. 96-109. WHOI 2003.

Meade, R.H., 1969, Errors in using modern streamload data to estimate natural rates of denudation: Geol. Soc. America Bull., v. 80, p. 1265-1274. WHOI 2007.

Meade, R.H., 1969, Landward transport of bottom sediments in estuaries of the Atlantic Coastal Plain: Jour. Sed. Petrology, v. 39, p. 222-234. WHOI 2132.

Menard, H.W., S.M. Smith, and R.M. Pratt, 1965, The Rhone Deep-Sea Fan: Submarine Geology and Geophysics (ed. W.F. Shittard and R. Bradshaw), Proc. 17th Symposium Colston Research Society, Univ. Bristol. April 5-9, 1965, Butterworths, London, p. 271-285. WHOI 1594.

Menzies, R.J., J.S. Zaneveld, and R.M. Pratt, 1967, Transported turtle grass as a source of organic enrichment of abyssal sediments off North Carolina: Deep-Sea Research, v. 14, p. 111-112. WHOI 1845.

Merrill, A.S., K.O. Emery, and Meyer Rubin, 1965, Ancient oyster shells on the Atlantic continental shelf: Science, v. 147, p. 398-400. WHOI 1530.

Miller, A.R., C.D. Densmore, E.T. Degens, J.C. Hathaway, F.T. Manheim, P.F. McFarlin, R. Pocklington, and A. Jokela, 1966, Hot brines and recent iron deposits in deeps of the Red Sea: Geochimica et Cosmochimica Acta, v. 30, p. 341-359. WHOI 1667.

Milliman, J.D., 1969, Carbonate sedimentation on four southwestern Caribbean atolls and its relation to the "oolite problem": Gulf Coast Assoc. Geol. Societies; Trans., v. 19, p. 195-203. WHOI 2364.

Milliman, J.D., 1969, Four southwestern Caribbean atolls: Courtown Cays, Albuquerque Cays, Roncador Bank and Serrana Bank: Atoll Research Bull. 129, p. 1-26.

Milliman, J.D., and K.O. Emery, 1968, Sea levels during the past 35,000 years: Science, v. 162, p. 1121-1123. WHOI 2177.

Milliman, J.D., and F.T. Manheim, 1968, Submarine encrustation of a Byzantine nail: Jour. Sed. Petrology, v. 38, p. 950-953. WHOI 1965.

Milliman, J.D., and F.T. Manheim, 1968, Observations in deep-scattering layers off Cape Hatteras, U.S.A.: Deep-Sea Research, v. 15, p. 505-507. WHOI 2051.

Milliman, J.D., F.T. Manheim, R.M. Pratt, and E.F.K. Zarudzki, 1967, ALVIN dives on the continental margin off the southeastern United States: Woods Hole Oceanog. Inst., Ref. No. 67-80, 64 p.

Milliman, J.D., O.H. Pilkey, and B.M. Blackwelder, 1968, Carbonate sediments on the continental shelf, Cape Hatteras to Cape Romain: Southeastern Geology, v. 9, p. 245-267. WHOI 2137.

Milliman, J.D., D.A. Ross, and T.L. Ku, 1969, Precipitation and lithification deep-sea carbonates in the Red Sea: Jour. Sed. Petrology, v. 39, p. 724-736. WHOI 2178.

Murray, J.W., 1968, Living foraminifers of lagoons and estuaries: Micropaleontology, v. 14, p. 435-455. WHOI 2022.

Murray, J.W., 1969, Recent foraminifers from the Atlantic continental shelf of the United States: Micropaleontology, v. 15, p. 401-419. WHOI 2154.

Neev, D., and Emery, K.O., 1966, The Dead Sea: Science Journal, v. 2, no. 12, p. 50-55. WHOI 1859.

Neev, David, and K.O. Emery, 1967, The Dead Sea: Mada, v. 11, p. 324-332.

Neev, David, and K.O. Emery, 1967, The Dead Sea: Depositional processes and environments of evaporites: Geol. Survey of Israel, Bull. 41, 147 p. WHOI 2039.

Neev, David, and K.O. Emery, 1968, Geologische Untersuchungen im Bereich des Toten Meeres: Umshau in Wissenschaft und Technik, 98 Jahrgang, no. 9, p. 282-283.

Niino, Hiroshi, and K.O. Emery, 1966, Continental shelf sediments off northeastern Asia: Jour. Sedimentary Petrology, v. 36, p. 151-162. WHOI 1631.

Niino, Hiroshi, and K.O. Emery, 1967, Sediments of the Asiatic continental shelf: Malaya to Bering Strait: (reprints of three articles) Chinese Petroleum Corporation, Taipei, Taiwan, China.

Niino, Hiroshi, K.O. Emery, and C.M. Kim, 1969, Organic carbon in sediments of Japan Sea: Jour. Sedimentary Petrology, v. 39, p. 1390-1398. WHOI 2256.

Oldale, R.N., 1969, Seismic investigations on Cape Cod, Martha's Vineyard, and Nantucket, Massachusetts, and a topographic map of the basement surface from Cape Cod Bay to the islands: U.S. Geol. Survey Prof. Paper 650, p. B122-B127. WHOI 2169.

Oldale, R.N., and Elazar Uchupi, 1970, The glaciated shelf off northeastern United States: U.S. Geol. Survey Prof. Paper 700-B, p. B167-B173. WHOI 2334.

Owen, D.M., and K.O. Emery, 1967, Current markings on the continental slope: Deep-Sea Photography (ed. J.B. Hersey): Johns Hopkins Press, Baltimore, p. 167-172. WHOI 1757.

Owen, D.M., K.O. Emery, and L.D. Hoadley, 1967, Effects of tidal currents on the sea floor shown by underwater time-lapse photography: Deep-Sea Photography (ed. J.B. Hersey): Johns Hopkins Press, Baltimore, p. 159-166. WHOI 1756.

Paul, R.K., 1964, A "button-pusher's" guide to sparking and echo-sounding aboard R/V GOSNOLD: Woods Hole Oceanographic Institution Tech. Memo #2-64, 25 p.

Paul, R.K., 1967, Low cost instrumentation winch: Woods Hole Oceanographic Institution Ref. No. 67-7, 18 p.

Paul, R.K., 1967, A digital seismic control: Woods Hole Oceanographic Institution Ref. No. 67-79, 41 p.

Paul, R.K., 1968, An inexpensive instrumentation winch: Deep-Sea Research, v. 15, p. 643-644. WHOI 2054.

Paul, R.K., and D.F. LeBlanc, 1967, Accessories to aid in seismic profiling: Woods Hole Oceanographic Institution Ref. No. 67-6, 22 p.

Prada, K.E., 1967, The 200 element streamer, an array for seismic profiling: Woods Hole Oceanographic Institution Ref. No. 67-64, 13 p.

Pratt, R.M., 1963, Bottom currents on the Blake Plateau: Deep-Sea Research, v. 10, p. 245-249. WHOI 1329.

Pratt, R.M., 1963, Photographie auf dem Meeresgrund: Kosmos (1963--June), p. 306-311.

Pratt, R.M., 1964, The Mid-Atlantic Ridge: Youthful key to an old ocean: Oceanus, v. 11, no. 2, p. 8-15.

Pratt, R.M., 1965, Ocean-bottom topography: The divide between the Sohm and Hatteras Abyssal Plains: Science, v. 148, p. 1598-1599. WHOI 1668.

Pratt, R.M., 1966, The Gulf Stream as a graded river: Limnology and Oceanography, v. 11, p. 60-67. WHOI 1672.

Pratt, R.M., 1967, The seaward extension of submarine canyons off the northeast coast of the United States: Deep-Sea Research, v. 14, p. 409-420. WHOI 1893.

Pratt, R.M., 1967, Photography of seamounts: Deep-Sea Photography (ed. J.B. Hersey): Johns Hopkins Press, Baltimore, p. 145-158. WHOI 1755.

Pratt, R.M., 1968, Atlantic Continental Shelf and Slope of the United States - Physiography and sediments of the deep-sea basin: U.S. Geol. Survey Prof. Paper 529-B, 44 p. WHOI 1820.

Pratt, R.M., and B.C. Heezen, 1964, Topography of Blake Plateau: Deep-Sea Research, v. 11, p. 721-728. WHOI 1492.

Pratt, R.M., and P.F. McFarlin, 1966, Manganese pavements on the Blake Plateau: Science, v. 151, p. 1080-1082. WHOI 1743.

Pratt, R.M., and John Schlee, 1969, Glaciation on the continental margin off New England: Geol. Soc. America Bull., v. 80, p. 2335-2342. WHOI 2204.

Rhoads, D.C., and D.J. Stanley, 1965, Biogenic graded bedding: Jour. Sedimentary Petrology, v. 35, p. 956-963. WHOI 1619.

Rhoads, D.C., and D.J. Stanley, 1966, Transmitted infrared radiation: A simple method for studying sedimentary structures: Jour. Sedimentary Petrology, v. 36, p. 1144-1149. WHOI 1814.

Ross, D.A., 1967, Heavy-mineral assemblages in the near-shore surface sediments of the Gulf of Maine: U.S. Geol. Survey Prof. Paper 575-C, p. C77-C80. WHOI 1897.

Ross, D.A., 1968, Strong current action in a submarine canyon: Nature, v. 218, p. 1242-1245, WHOI 1606.

Ross, D.A., 1969, Temperature structure of the Red Sea brines. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York, Inc., p. 148-152. WHOI 2186.

Ross, D.A., 1970, Source and dispersion of surface sediments in the Gulf of Maine--Georges Bank area: Jour. Sedimentary Petrology, v. 40, p. 906-920. WHOI 2407.

Ross, D.A., 1970, Atlantic Continental Shelf and Slope of the United States--Heavy minerals of the continental margin from southern Nova Scotia to northern New Jersey: U.S. Geol. Survey Prof. Paper 529-G, 40 p. WHOI 1983.

Ross, D.A., and E.T. Degens, 1969, Shipboard collection and preservation of sediment samples collected during CHAIN 61 from the Red Sea. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York, Inc., p. 363-367. WHOI 2197.

Ross, D.A., E.T. Degens, and Joseph MacIlvaine, 1970, Black Sea: Recent sedimentary history: Science, v. 170, p. 163-165. WHOI 2500.

Ross, D.A., E.E. Hays, and F.C. Allstrom, 1969, Bathymetry and continuous seismic profiles of the hot brine region of the Red Sea. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York, Inc., p. 82-97. WHOI 2181.

Ross, D.A., and J.M. Hunt, 1967, Third brine pool in the Red Sea: Nature, v. 213, p. 687-688. WHOI 1890.

Ross, D.A., and C. Tyndale, 1967, Hot hole revisited: Geo-Marine Technology, v. 3, no. 4, p. 7-8.

Ross, D.A., Elazar Uchupi, C.O. Bowin, and K.E. Prada, 1970, Geophysical studies in the Black Sea: Oceanus, v. 15, no. 4, p. 17-19.

Ryan, W.B.F., E.M. Thorndike, Maurice Ewing, and D.A. Ross, 1969, Suspended matter in the Red Sea brines and its detection by light scattering. In Hot brines and recent heavy metal deposits in the Red Sea. A geochemical and geophysical account (E.T. Degens and D.A. Ross, eds.). Springer-Verlag New York, Inc., p. 153-157. WHOI 2187.

Sanders, J.E., K.O. Emery, and Elazar Uchupi, 1969, Microtopography of five small areas of the continental shelf by side-scanning sonar: Geol. Soc. America Bull., v. 80, p. 561-572. WHOI 2211.

Sayles, F.L., F.T. Manheim, and K.M. Chan, 1970, Interstitial water studies on small core samples, Leg 4. In Initial reports of the Deep Sea Project, v. 4, covering Leg IV of the cruises of the drilling vessel "Glomar Challenger", Rio de Janeiro, Brazil to San Cristobal, Panama, February-March, 1969, p. 401-414. WHOI 2446.

Schlee, John, 1968, Sand and gravel on the continental shelf off the northeastern United States: U.S. Geol. Survey Circular 602, 9 p. WHOI 2173.

Schlee, John, 1967, Geology from a deep-diving submersible: Geotimes, v. 12, no. 4, p. 10-13. WHOI 1881.

Schlee, John (but no author listed), 1967, Our Changing Continent: U.S. Geol. Survey Non-Technical Leaflet, 15 p.

Schlee, John, 1966, A modified Woods Hole rapid sediment analyzer: Jour. Sedimentary Petrology, v. 36, p. 403-413. WHOI 1701.

Schlee, John, 1964, New Jersey offshore gravel deposit: Pit and Quarry, v. 57, no. 6, p. 80, 81, 95. WHOI 1514.

Schlee, John, and A.R. Cheetham, 1967, Rocks of Eocene age on Fippennies Ledge, Gulf of Maine: Bull. Geol. Soc. America, v. 78, p. 681-684. WHOI 1883.

Schlee, John, and Robert Gerard, 1965, Cruise report and preliminary core log M/V Caldrill 1—17 April to 17 May 1965: J.O.I.D.E.S. Blake Panel Report, 64 p.

Schlee, John and F.T. Manheim, 1969, Boring, Deep Sea: McGraw-Hill Yearbook of Science and Technology, New York, p. 116-118.

Schlee, John, and R.M. Pratt, 1970, Atlantic Continental Shelf and Slope of the United States: Gravels of the northeastern part: U.S. Geol. Survey Prof. Paper 529-H, 39 p. WHOI 2107.

Schlee, John, Elazar Uchupi, and J.V.A. Trumbull, 1964, Statistical parameters of Cape Cod Beach and eolian sands: U.S. Geol. Survey Prof. Paper 501-D, p. D118-D122. WHOI 1408.

Schlee, John, Elazar Uchupi, and J.V.A. Trumbull, 1965, Statistical parameters of Cape Cod Beach and eolian sands: Studies on the Quaternary 1963-1965, distributed on the occasion of the VII Congress of the International Association for Quaternary Research, August 14-September 19, 1965, p. 162-166. (Reprinted from 1965 USGSPP 501-D) WHOI 1408.

Schlee, John, and Jacqueline Webster, 1965, A computer program for grain-size data: Woods Hole Oceanographic Institution, Ref. No. 65-42, 21 p.

Schlee, John, and Jacqueline Webster, 1967, A computer program for grain-size data: Sedimentology, v. 8, p. 45-54. WHOI 1596.

Schopf, T.J.M., 1967, Bottom-water temperatures on the continental shelf off New England: U.S. Geol. Survey Prof. Paper 575-D, p. D192-D197. WHOI 1963.

Schopf, T.J., 1968, Atlantic Continental Shelf and Slope of the United States--Nineteenth Century Exploration: U.S. Geol. Survey Prof. Paper 529-F, 12 p. WHOI 1964. Contribution 107 of the Systematics-Ecology Program MBL.

Schopf, T.J.M., 1969, Paleoecology of ectoprods (bryozoans): Jour. Paleontology, v. 43, p. 234-244.

Schopf, T.J.M., and F.T. Manheim, 1967, Chemical composition of Ectoprocta (Bryozoa): Jour. Paleontology, v. 41, p. 1197-1225. WHOI 1818.

Spencer, D.W., and F.T. Manheim, 1969, Ash content and composition of Millipore HA filters: U.S. Geol. Survey Prof. Paper 650-D, p. D288-D290. WHOI 2326.

Stanley, D.J., 1969, Atlantic Continental Shelf and Slope of the United States--Color of Marine sediments: U.S. Geol. Survey Prof. Paper 529-D, 15 p. WHOI 1920.

Stanley, D.J., and D.C. Rhoads, 1967, Dune sands examined by infrared photography: Bull. Amer. Assoc. Petroleum Geologists, v. 51, p. 424-429. WHOI 1829.

Stetson, T.R., Elazar Uchupi, and J.D. Milliman, 1969, Surface and subsurface morphology of two small areas of the Blake Plateau: Gulf Coast Assoc. Geol. Societies, Trans., v. 19, p. 131-142. WHOI 2347.

Tagg, A.R., and Elazar Uchupi, 1966, Distribution and geologic structure of Triassic rocks in the Bay of Fundy and the northeastern part of the Gulf of Maine: U.S. Geol. Survey Prof. Paper 550-B, p. B95-B98. WHOI 1653.

Tagg, A.R., and Elazar Uchupi, 1967, Subsurface morphology of Long Island Sound, Block Island Sound, Rhode Island Sound, and Buzzards Bay: U.S. Geol. Survey Prof. Paper 575-C, p. C92-C96. WHOI 1860.

Thompson, Geoffrey, F.T. Manheim, and Kay Paine, 1968, A flexible computer program for evaluation of emission spectrometric data: Woods Hole Oceanographic Institution Ref. No. 68-26, 95 p.

Thompson, Geoffrey, Kay Paine, and F.T. Manheim, 1969, A flexible computer program for evaluation of emission spectrometric data: Applied Spectroscopy, v. 23, p. 264-268. WHOI 2277.

Trumbull, J.V.A., and K.O. Emery, 1967, Advantages of color photography on the continental shelf: Deep-Sea Photography (ed. J.B. Hersey): Johns Hopkins Press, Baltimore, p. 141-144.

Trumbull, J.V.A. and J.C. Hathaway, 1968, Dark mineral accumulations in beach and dune sands of Cape Cod and vicinity: U.S. Geol. Survey Prof. Paper 600B, p. B178-B184. WHOI 1944.

Trumbull, J.V.A., and M.J. McCamis, 1967, Geological Exploration in an East Coast submarine canyon from a research submersible: Science, v. 158, p. 370-372. WHOI 1921.

Truper, H.G., and J.C. Hathaway, 1967, Orthorhombic sulphur formed by photosynthetic sulphur bacteria: Nature, v. 215, p. 435-436. WHOI 1889.

Uchupi, E., 1963, Sediments on the continental margin off eastern United States: U.S. Geol. Survey Prof. Paper 475-C, p. C132-C137. WHOI 1367.

Uchupi, Elazar, 1964, Sediments and topography of Kane Basin: U.S. Coast Guard Oceanographic Report no. 5, Oceanographic observations Kennedy Channel, Kane Basin, Smith Sound and Baffin Bay, p. 61-72. WHOI 1463.

Uchupi, E., 1964, Unusual hauls from Georges Bank: Oceanus, v. 10, no. 4, p. 20-22.

Uchupi, E., 1965, Sediments on the continental margin off eastern United States: Studies on the Quaternary 1963-1965, distributed on the occasion of the VII Congress of the International Association for Quaternary Research, August 14-September 19, 1965, p. 66-71. (Reprint of 1963 USGSPP 475-C) WHOI 1367.

Uchupi, E., 1965, Maps showing relation of land and submarine topography, Nova Scotia to Florida: U.S. Geol. Survey, Miscl. Geol. Investig. Map 1-451, 3 sheets. WHOI 1434.

Uchupi, Elazar, 1965, Basins of the Gulf of Maine: U.S. Geol. Survey Prof. Paper 525-D, p. D175-D177. WHOI 1652.

Uchupi, Elazar, 1965, Chemical properties of bottom sediments. In An Oceanographic and Biological Survey of the Southern California Mainland Shelf: California State Water Quality Control Board, California, Publ. 27, p. 140-150.

Uchupi, Elazar, 1966, Topography and structure of Cashes Ledge, Gulf of Maine: Maritime Sediments, v. 2, p. 117-120. WHOI 1650.

Uchupi, Elazar, 1966, Map showing relation of land and submarine topography, Great Bahama Bank to De Soto Canyon: Miscl. Geol. Investig. Map 1-475, 1 sheet. WHOI 1819.

Uchupi, Elazar, 1966, Shallow structure of the Straits of Florida: Science, v. 153, p. 529-531. WHOI 1782.

Uchupi, Elazar, 1966, Topography and structure of Northeast Channel, Gulf of Maine: Bull. Amer. Assoc. Petroleum Geologists, v. 50, p. 165-167. WHOI 1651.

Uchupi, Elazar, 1966, Structural framework of the Gulf of Maine: Jour. Geophysical Research, v. 71, p. 3013-3028. WHOI 1735.

Uchupi, Elazar, 1967, Bathymetry of the Gulf of Mexico: Gulf Coast Assoc. Geol. Societies, Trans., v. 17, p. 161-172. WHOI 1962.

Uchupi, Elazar, 1967, Slumping on the continental margin southeast of Long Island, New York: Deep-Sea Research, v. 14, p. 635-638. WHOI 1929.

Uchupi, Elazar, 1967, The continental margin south of Cape Hatteras, North Carolina: Shallow structure: Southeastern Geology, v. 8, p. 155-177. WHOI 1918.

Uchupi, Elazar, 1968, Atlantic Continental Shelf and Slope - Physiography: U.S. Geol. Survey Prof. Paper 529-C, 30 p. WHOI 1567.

Uchupi, Elazar, 1968, Tortugas terrace, a slip surface?: U.S. Geol. Survey Prof. Paper 600-D, p. D231-D234. WHOI 1989.

Uchupi, Elazar, 1968, Map showing relation of land and submarine topography Mississippi Delta to Bahia de Campeche: U.S. Geol. Survey Misc. Geol. Investig. Map Series 1-521. WHOI 1821.

Uchupi, Elazar, 1968, Long lost Mytilus: Oceanus, v. 14, no. 3, p. 2-7.

Uchupi, Elazar, 1968, Seismic profiling survey of the east coast submarine canyons. Part 1. Wilmington, Baltimore, Washington and Norfolk Canyons: Deep-Sea Research, v. 15, p. 613-616. WHOI 2126.

Uchupi, Elazar, 1968, Sedimentary framework of the continental terrace off the east coast of the United States: Southeastern Geology, v. 9, p. 269-271.

Uchupi, Elazar, 1969, The continental margin off the east coast of North America: A discussion: Preprints 1969 Offshore Technology Conference May 18-21, 1969, Houston, Texas, v. 2, p. 445-452. WHOI 2287.

Uchupi, Elazar, 1969, Marine geology of the continental margin off Nova Scotia, Canada: New York Acad. Sci., v. 31, p. 56-65. WHOI 2122.

Uchupi, Elazar, 1969, Bathymetric chart. Bay of Fundy to Gulf of Saint Lawrence. Chart 801: The Canadian Hydrographic Service, Marine Sciences Branch, Dept. Energy, Mines and Resources, Ottawa, Canada. WHOI 2000.

Uchupi, Elazar, 1970, Atlantic Continental Shelf and Slope of the United States - Shallow Structure: U.S. Geol. Survey Prof. Paper 529-I, 44 p. WHOI 2098.

Uchupi, Elazar, and K.O. Emery, 1967, Structure of continental margin off Atlantic coast of United States: Bull. Amer. Assoc. Petroleum Geologist, v. 51, p. 223-234. WHOI 1780.

Uchupi, Elazar, and K.O. Emery, 1968, Structure of continental margin off Gulf Coast of United States: Am. Assoc. Petroleum Geologists Bull., v. 52, p. 1162-1193. WHOI 1993.

Uchupi, Elazar and G.F. Jones, 1967, Woody debris on the mainland shelf off Ventura, Southern California: Sedimentology, v. 8, p. 147-151.

Uchupi, Elazar, J.D. Phillips, and K.E. Prada, 1970, Origin and structure of the New England Seamount Chain: Deep-Sea Research, v. 17, p. 483-494.

Uchupi, Elazar, and A.R. Tagg, 1966, Microrelief of the continental margin south of Cape Lookout, North Carolina: Bull. Geol. Soc. America, v. 77, p. 427-430. WHOI 1732.

Whitemore, F.C., Jr., K.O. Emery, H.B.S. Cooke, and D.J.P. Swift, 1967, Elephant teeth from the Atlantic continental shelf: Science, v. 156, p. 1477-1481. WHOI 1885.

Wigley, R.L., 1968, Can submersible vehicles be used effectively in studies of cold water shelf fisheries?: Fishing News International, v. 7, p. 32-34.

Wigley, Roland, 1968, Benthic invertebrates on the New England fishing banks: Underwater Naturalist, v. 5, p. 8-13.

Wigley, R.L., and K.O. Emery, 1967, Benthic animals particularly Hyalinocia (Annelida) and Ophiomusium (Echinodermata): Deep-Sea Photography (ed. J.B. Hersey): Johns Hopkins Press, Baltimore, p. 235-250. WHOI 1761.

Wigley, R.L. and K.O. Emery, 1968, Submarine Photos of Commercial Shellfish off Northeastern United States: Commercial Fisheries Review, v. 30, no. 3, March 1968, p. 43-49. WHOI 2079.

Zarudzki, E.F.K., and Elazar Uchupi, 1968, Organic reef alignments on the continental margin south of Cape Hatteras: Geol. Soc. America Bull., v. 79, p. 1867-1870. WHOI 2102.

ADDENDUM

Manheim, F.T., 1970, The diffusion of ions in unconsolidated sediments: Earth and Planetary Sci. Letters, v. 9, p. 307-309. WHOI 2544.

Phillips, J.D., and D. A. Ross, 1970, Continuous seismic reflexion profiles in the Red Sea: Phil. Trans. Royal Soc. London, v. 267, p. 143-152. WHOI 2333.

Uchupi, Elazar, 1970, Bathymetric chart 802. Newfoundland Shelf, natural scale 1:1,000,000: The Canadian Hydrographic Service, Marine Sciences Branch, Dept. of Energy, Mines and Resources, Ottawa, Canada. WHOI 2001.

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Woods Hole Oceanographic Institution
Reference No. 71-15

DATA FILE, CONTINENTAL MARGIN PROGRAM, ATLANTIC COAST OF THE UNITED STATES by John C. Hathaway. Volume 2, Sample Collection and Analytical Data, 496 pp. 7 figures. February 1971. Contract No. 14-08-0001-12625.

This data file is based on magnetic tape storage of information on samples collected or studied as part of the joint U.S. Geological Survey-Woods Hole Oceanographic Institution, Atlantic Continental Margin Program. Volume II contains both sample collection data and analytical data on samples collected through December 31, 1970 and supercedes Volume I (Woods Hole Oceanographic Institution Ref. No. 66-8) and Volume I, supplement I (Woods Hole Oceanographic Institution, Ref. No. 67-21).

I. Data File

2. Continental Margin

3. Atlantic

4. Sample Collection Data

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II. 14-08-0001-12625

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STRUCTURE OF THE DATA FILE

The basic unit of the file is a standard 120 character BCD (binary coded decimal) magnetic tape record. Each of these records is assigned a code number that indicates the type of information contained in the record. The information for each station is contained in several of these records, each with a characteristic code number. Examples of the types of information represented by these records or code lines follow:

Code No.	Information contained
	COLLECTION DATA
100	Station number, cruise number, date, time, time zone, general area, area code, sheet number, method of navigation, position, corrected depth, method of sounding.
110	Station number, sampling equipment, equipment code, lithologic description.
120	Station number, number of drops, volume obtained, percent processed, biologic description.
130	Station number, sample color, Forel color, Secchi disc reading, type and number of photographs, air temperature, surface water temperature; indicators as to whether the following were taken: bathythermograph, plankton tow, sample for archives, special geology sample; miscellaneous notes and comments.
140	(Core samples only) Station number, device, condition, weight, free fall, penetration, core diameter, core length, condition, disturbed portion, sectioning, extraction, volume, preservation.
	ANALYTICAL DATA
200-299 200,210,250	Size analysis: phi classes and frequency, percent of sand, silt and clay, modes and mode strength, number of modes, mean, median, standard deviation of size, skewness, kurtosis, sediment name, curve type.
300,310,320 300-399	Microscopical analysis of sand fraction.
400,401,450 400-499	Calcium carbonate, organic carbon and nitrogen analysis.
500,505,560 500-599	Mineralogical analysis.
600,620 600-699	Gravel analysis.
700,710 700-799	Chemical analysis.
800-899	Biological data.

A tape for each code line contains the information for each station arranged in numerical and alphabetical order as follows:

Code No.	Station No.	
100	1001	Appropriate Data
100	1002	" "
100	1003	" "
100	1004	" "
...	....	" "

The data in this volume are given as a separate table or section for each code line. Explanations of the information contained in the code line are given in the pages immediately preceding these tables.

Code Line 100 Cruise and station position data

Code line 100 contains the cruise number, date, time, position and depth of water at the station.

Explanation of headings

CODE # The number indicates that the line contains the type of data characterized by code 100.

STATION # The number assigned to the location at which a sample or information was taken. Two general types of station numbers are used in this file. Those of 4 numerals beginning with station number 1000 and those with the letter H followed by 3 numerals were collected as part of the Continental Margin Program. Most station numbers consisting of a letter followed by 3 numerals were collected by groups other than the Continental Margin Program and were supplied by the following: Stations beginning with the letters A,B,M,N,S, and W were supplied by the Bureau of Commercial Fisheries. Stations beginning with D were supplied by the U.S. Coast and Geodetic Survey. Stations beginning with E were supplied by Howard L. Sanders of the Woods Hole Oceanographic Institution and those beginning with P by Richard M. Pratt of the Woods Hole Oceanographic Institution. Most stations beginning with L were collected by the Beach Studies group under the direction of John M. Zeigler of the Woods Hole Oceanographic Institution.

Special note on letters following station numbers

Some station numbers are followed by letters and these letters may have two different meanings. If the letter follows the numerals with no intervening space, this letter is considered part of the station number and indicates a specific position for the station that differs from one having a different following letter. The letter U indicates that the station was made while underway. A space between the numerals and the following letter indicates that the letter identifies a subsample from the material obtained at the same station. If such subdivision of the sample was made, general information for the station is duplicated from the lines for subsample A.

CRUISE # The first 3 letters identify the ship as follows:

AB3	ALBATROSS III
AB4	ALBATROSS IV
ALV	ALVIN
AST	ASTERIAS
AT	ATLANTIS
AT2	ATLANTIS II
CB4	CAP'N BILL IV
CHN	CHAIN
DEL	DELAWARE
DOL	DOLPHIN
EXP	EXPLORER
GOS	GOSNOLD
LUL	LULU
NAR	NARRAGANSETT
VER	A.E. VERRILL

LITHOLOGY — Word description of the non-biologic part of the sample (see page 467 for list of abbreviations used). Where colors are described, a hyphen should be read as the word "to" meaning that the material varied between the colors given.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
110	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Equipment used	21-44	A	24
	Equipment Code	46,47	A	2
	Lithology	51-119	A	69

Code Line 110 Equipment and sediment description

Code line 110 contains information on the equipment used at the station and the shipboard description of the lithology of the sediment.

Explanation of headings

CODE # — Indicates that the line contains the type of data characterized by code 110.

STATION # — As described under code 100 above.

EQUIPMENT USED — Word description of the type of equipment used in obtaining the sample.

EQUIPMENT CODE — Numerical code for the equipment used

1 = Campbell grab with camera
2 = Campbell grab without camera
3 = Smith-McIntyre grab with camera
4 = Smith-McIntyre grab without camera
5 - Van Veen Grab
6 = Miniature Van Veen Grab
7 = Dietz-LaFond Snapper
8 = Scoopfish
10 = Pipe dredge
11 = Chain bag dredge, 33 inch
12 = Digby dredge
13 = Anchor dredge
14 = Pratt pipe dredge
15 = Pipe dredge, 3 inch
16 = Modified Pierce dredge
17 = Pierce dredge
18 = Chain bag dredge plus 3 inch pipe dredge
19 = Pratt pipe dredge plus 3 inch pipe dredge
20 = Gravity corer
21 = Piston corer
22 = Boomerang corer
30 = Box sampler
40 = Plankton net, 3/4 meter
41 = Plankton net, 1 meter
42 = Ring net
50 = 1 meter dredge
51 = Rocker dredge
52 = Scallop dredge
53 = Bottom skimmer
55 = Naturalist's dredge
60 = Edgerton camera
70 = Otter trawl
71 = Isaac-Kiddie midwater trawl
90 = Water pump sample
99 = Miscellaneous

In the above code 1-9 = grab samplers, 10-19 = dredges, 20-29 = corers, 30-39 = box samplers, 40-49 = plankton samplers, 50-59 = biological dredges, 60 Edgerton camera.

Position of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
200	Code No.	3-5	A	3		
(201-209	Station No.	8-11	A	4		
used as	Station letter	12	A	1		
needed for	Subsample letter	13	A	1		
continua-	No. of classes	19-20	I	2		
tion)	Phi class	21-25	F	5	24	1
	Frequency	26-30	F	5	29	1
	Phi class	31-35	F	5	34	1
	Frequency	36-40	F	5	39	1

(Phi class and frequency repeated similarly through 120)

201-209 same format except for omission of No. of classes in positions 19-20.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Plac
210	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Gravel	21-25	F	5	24	1
	Sand	26-30	F	5	29	1
	Silt	31-35	F	5	34	1
	Clay <4 micrometers	36-40	F	5	39	1
	On gravel free basis:					
	Sand	46-50	F	5	49	1
	Silt	51-55	F	5	54	1
	Clay <4 micrometers	56-60	F	5	59	1
	Gravel	66-70	F	5	69	1
	Sand	71-75	F	5	74	1
	Silt	76-80	F	5	79	1
	Clay <2 micrometers	81-85	F	5	84	1
	On gravel free basis:					
	Sand	91-95	F	5	94	1
	Silt	96-100	F	5	99	1
	Clay <2 micrometers	101-105	F	5	104	1

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
250	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Mode 1	20-25	F	6	23	2
	Mode strength	27-30	F	4	28	2
	Mode 2	33-38	F	6	36	2
	Mode strength	40-43	F	4	41	2
	Mode 3	46-51	F	6	49	2
	Mode strength	53-56	F	4	54	2
	No. of modes	59	I	1		
	Median	62-67	F	6	65	2
	Mean	70-75	F	6	73	2
	Std. Deviation	81-85	F	5	83	2
	Skewness	88-92	F	5	90	2
	Kurtosis	95-100	F	6	98	2
	Sediment name	103-114	A	12		
	Curve type	117-119	A	3		

Code Line 300 Sand fraction composition (Nova Scotia to New Jersey)

Code line 300 gives the composition of the sand fraction (.062 - 2.0 mm) in percent by weight of rock fragments, quartz and feldspar, dark minerals, glauconite, mica, foraminifera, and shell material. These weights were estimated by examination with a binocular microscope. Traces of any of the components are arbitrarilly assigned values of 0.1 percent. Quantities less than 1 percent but more than traces are assigned values of 0.5 percent.

Acknowledgements

The sand fraction analyses were made by James V.A. Trumbull.

Explanations of headings

CODE #	300 denotes sand fraction composition.
STATION #	As described under code line 100 above.
ROCK FRAGMENTS	Weight percent of rock fragments.
QUARTZ FELDSPAR	Weight percent of quartz grains plus feldspar grains.
DARK MINERALS	Weight percent of minerals dark in color.
GLAUCONITE	Weight percent of glauconite.
MICA	Weight percent of both black and light mica.
FORAMINIFERA	Weight percent of foraminiferal tests or fragments.
SHELL	Weight percent of mollusc shells or fragments.

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
300	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Rock fragments	21-25	F	5	24	1
	Quartz & feldspar	31-35	F	5	34	1
	Dark minerals	41-45	F	5	44	1
	Glauconite	51-55	F	5	54	1
	Mica	61-65	F	5	64	1
	Foraminifera	71-75	F	5	74	1
	Shell	81-85	F	5	84	1

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
310	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	$CaCO_3$	21-23	I	3
	Type of microscope	25	A	1
	Mollusk (percent)	27-29	I	3
	" (abundance code)	31	A	1
	Echinoid (percent)	33-35	I	3
	" (abundance code)	37	A	1
	Benthonic foraminifers (percent)	39-41	I	3
	" (abundance code)	43	A	1
	Planktonic foraminifers (percent)	45-47	I	3
	" (abundance code)	49	A	1
	Bryozoa (percent)	51-52	I	2
	" (abundance code)	54	A	1
	Serpulid (percent)	56-57	I	2
	" (abundance code)	59	A	1
	Barnacle (percent)	61-62	I	2
	" (abundance code)	64	A	1
	Coralline algae (percent)	66-67	I	2
	" (abundance code)	69	A	1
	Hallimeda (percent)	71-72	I	2
	" (abundance code)	74	A	1
	Coral (percent)	76-77	I	2
	" (abundance code)	79	A	1
	Pelletoid (percent)	81-82	I	2
	" (abundance code)	84	A	1
	Ooid (percent)	86-87	I	2
	" (abundance code)	89	A	1
	Encrusted and altered fragments (percent)	91-92	I	2
	" (abundance code)	94	A	1
	Lithoclasts (percent)	96-97	I	2
	" (abundance code)	99	A	1
	Unknown (percent)	101-102	I	2
	" (abundance code)	104	A	1
	Miscellaneous (percent)	106-107	I	2
	" (abundance code)	109	A	1
	Carbonate assemblage code	112-118	A	7

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
320	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Quartz	22-24	I	3
	K-feldspar	27-29	I	3
	Plagioclase feldspar	32-34	I	3
	Mica	37-39	I	3
	Heavy minerals	42-44	I	3
	Phosphate	47-49	I	3
	Glauconite	52-54	I	3
	Diatoms	57-59	I	3
	Spicules	62-64	I	3
	Radiolarians	67-69	I	3
	Wood and plant fibers	72-74	I	3
	Other	77-79	I	3

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
400	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	$CaCO_3$	20-25	F	6	23	2
	Carbon of $CaCO_3$	32-37	F	6	35	2
	Organic carbon, measured	44-49	F	6	57	2
	* indicates rerun of org C measured, on line 401	51	A	1		
	Total carbon, measured	56-61	F	6	59	2
	Organic carbon, calculated	68-73	F	6	71	2
	Total carbon, calculated	81-86	F	6	84	2
	Kjeldahl nitrogen	95-100	F	6	97	3
	Organic carbon/nitrogen	106-111	F	6	110	1
	* indicates rerun of org C/N, on line 401	115	A	1		

Code Line 401 Reruns of organic carbon, measured

Code line 401 gives rerun analyses of measured organic carbon. Headings are the same as those described under code line 400 above.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
401	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Organic carbon, measured	44-49	F	6	47	2
	Organic carbon/ nitrogen	106-111	F	6	110	1

Code Line 450 Natural gamma radioactivity

This line contains values for natural gamma radioactivity in each sample. These values are expressed as counts per minute per gram (CPM/G). Raw values for number of counts were corrected for sample weight, volume, type of container, and background count. The corrected value together with location coordinates and amounts of silt and clay are given in this line.

Acknowledgements

The analyses were performed by Claire L. Schelske, School of Public Health, University of Michigan, Ann Arbor, Michigan. Corrections to the raw data were made by a computer program written by John C. Hathaway.

Explanations of headings

CODE # 450 denotes natural gamma radioactivity analyses.

STATION # As described under code line 100.

LATITUDE Latitude (North) in degrees, minutes and tenths or hundreths of minutes (repeat of values from line 100).

LONGITUDE Longitude (west) in degrees, minutes and tenths or hundreths of minutes (repeat of values from line 100).

SILT % Percent silt (4-62 μm) (from line 210).

CLAY % Percent clay ($\leq 4\ \mu$m) (from line 210).

ACTIVITY CPM/G Natural gamma radioactivity in counts per minute per gram.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
450	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Latitude (degrees)	21-22	I	2		
	Latitude (minutes)	24-28	F	5	26	2
	Longitude (degrees)	31-32	I	2		
	Longitude (minutes)	34-38	F	5	36	2
	Silt (percent)	41-45	F	5	44	1
	Clay (percent)	48-52	F	5	51	1
	Radioactivity (CPM/G)	55-62	F	8	60	2

ARAG	Aragonite
LR SLCT	Total layer silicates. This amount includes mica, chlorite, kaolinite, montmorillonite, vermiculite, chamosite, glauconite and mixed layered assemblages of the foregoing.
HRNBL	Hornblende or amphibole
PRYT	Pyrite
APAT	Apatite
DOLMT	Dolomite
OTHER	* indicates that other minerals are present or that there are comments. These minerals and comments are listed in a table following the line 500 data.
$CACO_3$	Total calcium carbonate. This amount is the sum of calcite Mg-calcite and aragonite.
ARAG/CAL	Ratio of aragonite to calcite. If blank, no calcite is present.
FELDSP	Total feldspar in percent. This amount is the sum of plagioclase and potassium feldspar.
FEL/QTZ	Ratio of total feldspar to quartz.

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. point in Pos.	No. of Dec. Places
500	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Method of analysis	17	I	1		
	Quartz	21-24	F	4	24	0
	Plagioclase feldspar	27-30	F	4	30	0
	Potassium feldspar	33-36	F	4	36	0
	Calcite	38-41	F	4	41	0
	Mg Calcite	43-46	F	4	46	0
	Mol % $MgCO_3$	48-49	I	2		
	Aragonite	50-53	F	4	53	0
	Layer silicates	56-59	F	4	59	0
	Hornblende	62-65	F	4	65	0
	Pyrite	68-71	F	4	71	0
	Apatite	74-77	F	4	77	0
	Dolomite	80-83	F	4	83	0
	Other	87	A	1		
	$CaCO_3$	90-93	F	4	93	0
	Aragonite/calcite	98-102	F	5	100	2
	Feldspar	66-109	F	4	109	0
	Feldspar/quartz	113-117	F	5	115	2

APT	Apatite
DOL	Dolomite
OTHER	Other minerals or comments

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
505	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Acid treatment	14-15	A	2
	Montmorillonite	22-24	A	3
	Chlorite	27-29	A	3
	Dioct. vermiculite	32-34	A	3
	Mixed layered Mont.-Illite	37-39	A	3
	Mixed layered Mont.-chlorite	42-44	A	3
	Illite	47-49	A	3
	Kaolinite	52-54	A	3
	Gibbsite	57-59	A	3
	Quartz	62-64	A	3
	Feldspar	67-69	A	3
	Calcite	72-74	A	3
	Mg-calcite	77-79	A	3
	Aragonite	82-84	A	3
	Hornblende	87-89	A	3
	Apatite	92-94	A	3
	Dolomite	97-99	A	3
	Other	102-120	A	19

Position of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
560	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Heavy minerals, percent	21-25	F	5	24	1
	Opaque minerals, percent	26-30	F	5	29	1
	Altered minerals, percent	31-35	F	5	34	1
	Non-opaque minerals percent	36-40	F	5	39	1
	* = <100 grains counted	41	A	1		
	Amphiboles	43-44	I	2		
	Epidote	46-47	I	2		
	Zoisite	49-50	I	2		
	Augite	52-53	I	2		
	Hypersthene	55-56	I	2		
	Titanite	58-59	I	2		
	Tourmaline	61-62	I	2		
	Zircon	64-65	I	2		
	Garnet	67-68	I	2		
	Pink garnet	70-71	I	2		
	Orange garnet	73-74	I	2		
	Staurolite	76-77	I	2		
	Kyanite	79-80	I	2		
	Andalusite	82-83	I	2		
	Sillimanite	85-86	I	2		
	Unknown	88-89	I	2		
	Spinel	91-92	I	2		
	Rutile	94-95	I	2		
	Dumortierite	97-98	I	2		
	Glaucophane	100-101	I	2		
	Monazite	103-104	I	2		
	Apatite	106-107	I	2		
	Basaltic hornblende	109-110	I	2		
	Aegerite	112-113	I	2		
	Other (symbol)	115-116	A	2		
	Other (amount)	118-119	I	2		

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
600	Code No.	3-5	A	3
(601-609	Station No.	8-11	A	4
used for	Station letter	12	A	1
contin-	Subsample letter	13	A	1
uation)	Coded gravel data	19-78	A,I	variable, up to 20 groups
	Each group of 3 positions contains a letter followed by 2 numbers ( )			
	S (size class)			
	C (count)			
	T (type)			
	M (modifier)			
	P (percent of this type within count)			
	continuation signal (1)	80	I	1

Positions of data within tape record

Code Line	Data	Character Positions	Fortran Mode	No. of Characters
620	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Fossils	19	A	1
	Varnish	21	A	1
	Weathering rinds	23	A	1
	Striations	25	A	1
	Cinders	27	A	1
	Wood	29	A	1
	Artifacts	31	A	1
	Comments	36-79	A	44

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
700	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	SiO_2	21-24	F	4	23	1
	Al_2O_3	26-29	F	4	28	1
	Fe_2O_3	31-34	F	4	33	1
	TiO_2	36-39	F	4	37	2
	MnO_2	41-45	F	4	42	3
	CaO	47-50	F	5	49	1
	MgO	52-55	F	4	54	1
	SrO	57-60	F	4	58	2
	K_2O	62-65	F	4	63	2
	Na_2O	67-69	F	3	68	1
	P_2O_5	71-75	F	5	73	2
	CO_2	77-80	F	4	79	1
	Ignition loss 500°C	82-85	F	4	84	1
	Ignition loss 1000°C	88-91	F	4	90	1
	NiO	94-98	F	5	95	3
	CuO	101-105	F	5	92	3
	F-O	108-113	F	6	110	3
	Sum	116-118	I	3		
	Revised sum signal *	120	A	1		

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
710	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Cobalt	23-28	F	6	24	4
	Nickel	31-36	F	6	32	4
	Copper	39-44	F	6	40	4
	Vanadium	47-52	F	6	48	4
	Molybdenum	55-60	F	6	56	4
	Zinc	63-68	F	6	64	4
	Strontium	71-76	F	6	72	4
	Barium	79-84	F	6	80	4
	Titanium	88-93	F	6	89	4
	Manganese	96-101	F	6	97	4
	Other element (symbol)	102,103	A	2		
	(amount)	104-109	F	6	105	4
	Other element (symbol)	110,111	A	2		
	(amount)	112-117	F	6	113	4
	Continuation signal	120	A	1		

The numerals following the letters are the cruise number for that ship. For the ALBATROSS III, ALBATROSS IV, DELAWARE, and A.E. VERRILL cruises this number refers to a specific year; therefore, the date should be noted for these cruises as the same number may be repeated in a subsequent year.

DATE

DA — Day as 01, 02, etc.

MO — Month as 01 through 12

YR — Year as 60 for 1960, etc.

TIME — Local time as 0001 through 2400

TIME ZONE — Local time zone as hours from Greenwich Time.

4 = Eastern Daylight Time
5 = Eastern Standard Time

GENERAL AREA — Word description of location of station

AREA CODE — See area code map, p.453

SHEET # — Indicates on which of the three Atlantic Continental Margin maps the station is located.

1 = North sheet
2 = Middle sheet
3 = South sheet

METHOD OF NAVIGATION — Number indicates method by which position was obtained

01 = Visual or radar
02 = Loran A
03 = Dead reckoning

POSITION

LAT — Latitude in degrees, minutes and hundredths of minutes, North

LON — Longitude in degrees, minutes and hundredths of minutes, West

CORRECTED DEPTH — Depth of water in meters corrected for velocity of sound and keel depth of ship if a sonic depth, or corrected for winch reading if wire depth.

METHOD OF SOUNDING — Method by which depth was determined

1 = Echo sounder
2 = Wire depth
3 = Depth taken from chart
4 = Depth gauge (submarine)

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
100	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Cruise (Ship)	19-21	A	3		
	Cruise (Number)	23-25	A	3		
	Date, Day	28,29	A	2		
	Date, Month	31,32	A	2		
	Date, Year	34,35	A	2		
	Time	39-42	A	4		
	Time zone	45	A	1		
	General Area	49-69	A	21		
	Area Code	71-73	A	3		
	Sheet No.	77	A	1		
	Method of Navigation	82,83	A	2		
	Position, Latitude, degrees	86,87	I	2		
	Position, Latitude, minutes, hundredths	89-93	F	5	91	2
	Position, Longitude, degrees	96,97	I	2		
	Position, Longitude, minutes, hundredths	99-103	F	5	101	2
	Corrected depth	106-109	I	4		
	Sounding method	115	A	1		

Code Line 120 Biological description

Code line 120 contains the shipboard description of the biological material observed in the sample.

Explanation of headings

CODE # — Indicates that the line contains the type of data characterized by code 120.

STATION # — As described under code 100 above.

NO. OF DROPS — Number of times the equipment was lowered to make a composite sample.

VOL — Volume in liters of total sample obtained from the drops made. A minus sign following a 1 indicates that less than 1 liter was collected.

% PROCESSED — Amount in percent of the total sample used in sieving through a 1 mm sieve to obtain sample for biologic analyses.

BIOLOGY — Word description of biological material in sample (See page 467 for list of abbreviations used).

Positions of data within tape records

Code Line	Data	Character Position	Fortran Mode	No. of Characters
120	Code No.	3-5	A	3
	Station No.	8-11	A	4
	Station letter	12	A	1
	Subsample letter	13	A	1
	Number of drops	21	I	1
	Sample volume	23-25	I	3
	Signal for less than 1 liter	26	A	1
	Percent processed	29-31	I	3
	Biology	34-119	A	86

Code Line 130 Miscellaneous sample-collection data

Code line 130 contains miscellaneous information about the sample or the station such as sediment color, water color, water temperature and comments.

Explanation of headings

CODE # — Indicates that the line contains the type of data characterized by code 130.

STATION # — As described under code 100 above.

COLOR (WET) — Munsell code number for the color of the wet sample.

ADD. CLR INF — If a 1 appears in this column, additional information on color is given under notes where more than one color was present in the sample.

FOREL — Indicates the color of the surface sea water by visual comparison with standards of the Forel yellow-blue series.

SECCHI — Depth in meters at which a standard Secchi disc is just visible from the surface.

PHO — Indicates type of photographs attempted as follows:

0 = No photographs attempted
1 = Black and white
2 = Color
3 = Black and white stereo
4 = Color stereo
5 = Mixed black and white and color stereo
6 = Mixed black and white and color, not stereo
7 = Edgerton camera lowering, black and white
8 = Camera sled
01 = Deck photo of sample only, black and white
02 = Deck photo of sample only, color
09 = Beach or land photo
11 = Both bottom and deck photo, black and white
12 = Both bottom and deck photo, first numeral indicates type of bottom photo, second numeral indicates type of deck photo according to single numeral code above.
...

NO. OF PHO — Number of usable photographs obtained. For Edgerton camera photographs, the numeral 1 symbolizes one camera lowering even though many photographs may have been obtained.

AIR TEM (C) — Temperature of the air in degrees celsius.

SURF TEM (C) — Temperature of the surface water in degrees celsius.

BT — Indicates whether a bathythermograph was taken at the station

0 = No bathythermograph
1 = Bathythermograph taken

PLK — Indicates whether a plankton tow was made at the station

0 = No plankton tow
1 = Plankton tow taken

ARC — Indidates whether an archive sample was taken for the Smithsonian Sorting Center

0 = No archive sample
1 = Archive sample taken

SPC — Indicates whether a special sample (usually 1 gallon) was taken as a type sample for special geological study

0 = No special sample
1 = Special geology sample taken

STR — Indicates whether a sample is in storage at the Woods Hole Oceanographic Institution

0 = No sample in storage
blank = Sample in storage

NOTES — Miscellaneous notes and comments concerning the station or the samples.

Positions of data within tape records

Code Line	Data	Character Position	Fortran Mode	No. of Characters	Dec. point in pos.	No. of Dec. places
130	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Color code	22-29	A	8		
	Signal for additional color information	31	A	1		
	Forel Color	34-37	F	4	36	1
	Secchi disc	39-42	F	4	41	1
	Photographs (bottom)	44	A	1		
	Photographs (deck)	45	A	1		
	No. of photographs	46,47	I	2		
	Air temperature	49-52	F	4	51	1
	Surface water temperature	54-57	F	4	56	1
	Bathythermograph	59	A	1		
	Plankton tow	61	A	1		
	Archive sample	63	A	1		
	Special geology sample	65	A	1		
	Sample in storage	67	A	1		
	Notes	69-119	A	51		

Code Line 140 Core data

Code line 140 contains information on the equipment and methods used for those stations where cores were taken.

Explanation of headings

CODE #	Indicates that the line contains the type of data characterized by code 140.
STATION #	As described under code line 100 above.
DEVICE	Device used (NODC codes, NODC, 1966, p. 12,13) 11 = gravity corer
CND	Condition of corer (NODC codes, NODC, 1966, p. 13) 1 = Generally good
WT KG	Weight of corer in kilograms
FREE FALL M	Free fall distance of the corer in meters
PEN. M	Penetration of the corer in meters
CORE DIAM CM	Diameter of the core in centimeters
CORE LNGTH CM	Total length of core obtained in centimeters
CND	Condition of core (NODC codes, NODC, 1966, p. 15) 1 = Entire core generally undisturbed 7 = No core
DIST POR CM	Length of disturbed portion in centimeters
SEC	Core sectioning (NODC codes, NODC, 1966, p. 15) 0 = Core unsectioned 8 = Core split
EXT	Extraction of core from barrel or liner (NODC codes, NODC, 1966, p. 16) blank = Unknown 1 = Removed from liner or barrel 2 = Not removed
VOL L	Volume in liters

PRSVTN Preservation technique

WA Preservation of water (NODC codes, NODC, 1966, p. 16)

0 = No preservation technique applied, or unknown
1 = Sealed to preserve entire water content

BC Preservation of bacteria (NODC codes, NODC, 1966, p. 16)

0 = No preservative added, or unknown

ST Preservation of structure (NODC codes, NODC, 1966, p. 17)

0 = No preservation technique applied, or unknown

NOTES Notes or comments

Positions of data within tape records

Code Line	Data	Character Positions	Fortran Mode	No. of Characters	Dec. Point in Pos.	No. of Dec. Places
140	Code No.	3-5	A	3		
	Station No.	8-11	A	4		
	Station letter	12	A	1		
	Subsample letter	13	A	1		
	Device	21,22	A	2		
	Condition	24	A	1		
	Wt in kg	26-29	I	4		
	Free fall in m	31,32	I	2		
	Penetration in m	34-37	F	4	36	1
	Core diam. in cm	39-42	F	4	41	1
	Core length, cm	44-48	I	5		
	Condition	50	A	1		
	Disturbed portion, cm	52-55	I	4		
	Section	57	A	1		
	Extraction	59	A	1		
	Volume, liters	61-63	I	3		
	Preservation, water	65	A	1		
	Preservation, bacteria	67	A	1		
	Preservation, structure	69	A	1		
	Notes	81-119	A	39		
	Continuation signal	120	A	1		

Code Line 200 Grain Size Analyses

Code line 200 contains the weight percent of material contained in each size grade expressed in phi units (Krumbein, 1934). These weights were determined by pipetting (silt-clay range), settling tube (sand) (Schlee, 1966) and sieving (gravel).

Two numbers are given for each size grade: (1) the phi class, and following it, (2) the weight percent of material of larger particle size than this phi number but smaller than the next larger class. The phi number thus may be thought of as representing a sieve; the weight percent represents the amount of material retained on such a sieve. Table 1 gives examples of sizes in millimeters equivalent to units of phi (Size in mm. = $2^{-(phi)}$).

Acknowledgements

The grain size analyses were made by John Schlee, assisted by J.R. Frothingham, Jr., and Carlyle R. Hayes.

Table 2 Phi Values

Phi	Millimeters	Phi	Millimeter	Phi	Millimeter
-10	1024.0	0	1.0	10	.00098 (1 micrometer)
- 9	512.0	1	.5	11	.00049
- 8	256.0	2	.25	12	.00025
- 7	128.0	3	.125	13	.00013
- 6	64.0	4	.0625	14	.00006
- 5	32.0	5	.0313	15	.00003
- 4	16.0	6	.0156	16	.000015
- 3	8.0	7	.0078	17	.000008
- 2	4.0	8	.0039		
- 1	2.0	9	.00195		

Explanation of headings

CODE #	200 denotes grain size analysis data
STATION #	As described under code line 100 above
PHI CLASS	See introduction and table above
WT. %	Weight of fraction in percent of total sample

Code Line 210 Gravel, sand, silt, and clay distribution

Code line 210 gives the weight percent of material in the gravel, sand, silt, and clay fractions of the samples. These values were calculated from the data of line 200 of the file (see introduction for line 200, p.). Four sets of values are given: (1) gravel, sand, silt, and clay using phi = 8 (4 micrometers) as the dividing line between the silt and clay fractions; (2) sand, silt, and clay (less than 4 micrometers) recalculated to 100 percent on a gravel-free basis. The purpose of these values is to provide information on the gravel-free fraction, that part of the sample to which most of the other analytical work of the program applies; (3) gravel, sand, silt, and clay using phi = 9 (2 micrometers) as the dividing line between silt and clay; (4) sand, silt, and clay (less than 2 micrometers) recalculated to 100 percent on a gravel free basis. The division between silt and clay at a particle diameter of 4 micrometers is used by most sedimentary petrologists, whereas the division at 2 micrometers is generally used by soil scientists and clay mineralogists.

Acknowledgements

The grain size analyses were made by John Schlee, assisted by J.R. Frothingham, Jr., and Carlyle R. Hayes.

Explanation of headings

CODE #	210 denotes gravel, sand, silt, and clay weight percents.
STATION #	As described under code line 100 above.
GVL	Gravel, particles greater than phi = -1 (> 2 mm) in diameter.
SAND	Sand, particles between phi = -1 and phi = 4 (2 mm to 0.0625 mm) in diameter.
SILT	Silt, particles between phi = 4 and phi = 8 (0.0625 mm to 0.0039 mm) for the first two sets of data, and between phi = 4 and phi = 9 (0.0625 mm to 0.00195 mm) for the second two sets of data.
CLAY <4MU	Clay, particles less than phi = 8 (0.0039 mm - approximately 4 micrometers) in diameter.
CLAY <2MU	Clay, particles less than phi = 9 (0.00195 mm = approximately 2 micrometers) in diameter.
*	An asterisk following the line of data indicates that the values may not agree with the data given in line 200 because insufficient amounts of gravel were available to make sieve analyses of sizes within the gravel fraction.

Code Line 250 Sediment grain-size parameters

Code line 250 gives the sediment grain-size parameters of the samples. These parameters were calculated from the data of line 200 by a computer program designed by Schlee and Webster (1967).

Acknowledgements

These analyses were made by John Schlee, J.R. Frothingham, Jr., and Carlyle R. Hayes.

Explanations of headings

CODE #	250 denotes sediment grain-size parameters
STATION #	As described under code line 100 above
MODE 1	Strongest mode in phi units[1/]
MODE S	Mode strength of strongest mode[1/]
MODE 2	Second strongest mode in phi units[1/]
MODE S	Mode strength of 2nd mode[1/]
MODE 3	Third strongest mode in phi units[1/]
MODE S	Mode strength of 3rd mode[1/]
NO OF MODES	Number of modes
MEDIAN	Median grain diameter in phi units[1/]
MEAN	Mean grain diameter in phi units[1/]
STANDARD DEV.	Standard deviation of grain-size distribution in phi units (sorting)[1/]
SKEWNESS	Skewness of grain-size distribution[1/]
KURTOSIS	Kurtosis of grain-size distribution[1/]
SEDIMENT NAME	Name describing the sediment[2/]
CURVE TYPE	Code for shape of curve[3/]

[1/] See Schlee and Webster (1967) and references therein.

[2/] See Shepard (1954)

[3/] See Schlee (in preparation)

Code Line 310 Carbonate fraction composition (New Jersey to Key West)

This line gives the composition of the calcium carbonate components within the total sand and gravel fraction (>0.062 mm). The amount of each component was determined by point counts under either the binocular or the petrographic microscope. For some samples estimates of abundance rather than point counts were made. These estimates are coded as: F = flood = >50%, A = abundant = 25%-50%, C = common = 5%-25%, and R = rare = <5% and are given two character positions to the right of the positions in which the percentages obtained by point counts are given.

Acknowledgements

The carbonate fraction analyses were made by John D. Milliman.

Explanation of headings

CODE #	310 denotes carbonate fraction composition.
STATION #	As described under code line 100 above.
$CACO_3$	Amount of $CACO_3$, in percent, determined by point count.
MIC	Type of microscope used: B = Binocular microscope P = Petrographic microscope
MLSK	Mollusk shells or fragments of shells
ECH	Echinoids or fragments
BNTH F	Benthonic foraminifers or fragments
PLKT F	Planktonic foraminifers or fragments
BRYZ	Bryozoans or fragments
SERP	Serpulid worm tubes or fragments
BRNCL	Barnacle plates or fragments
COR ALG	Coralline algae
HLMD	Hallimeda plates or fragments
CORAL	Coral
PLTD	Pelletoids
OOID	Ooids
ENCR & ALTD	Encrusted and altered material
LTH	Lithoclasts

UKNWN	Unknown carbonate material
MISC	Miscellaneous, types of carbonate material other than those listed
ASSEMBLAGE CODE	Assemblages defined on the basis of the major carbonate components.

Letter codes identifying type of carbonate assemblage:

M = Mollusk
ME = Echinoid - Mollusk
BFM = Benthonic foraminifera - mollusk
BM = Barnacle - mollusk
BC = Barnacle - coralline algae
OP = Oolite - pelletoid
OTC = Outcrop
CR = Coral reef
L = Lithoclast
PF = Planktonic foraminifera
PFC = Planktonic foraminifera-coral
PFP = Planktonic foraminifera-pteropod
REW = Reworked
MX = Mixed assemblages

Code Line 320 Sand fraction 125-250 mm, non-carbonate fraction (New Jersey to Key West)

This line gives the composition of the non-carbonate part of the 125-250 mm sand fraction. The amounts of each type of material in percent were determined by point counts under the binocular microscope. Feldspar type was determined by staining using the Hayes and Klugman (1959) method.

Acknowledgements

The non-carbonate fraction analyses were made by John D. Milliman.

Explanation of headings

CODE #	320 denotes 125-250 mm, non-carbonate fraction composition.
STATION #	As described under code line 100 above.

The following components are given in percent (by pt. count)

QUARTZ	Quartz
K FLDSP	Potassium feldspar
PLAG. FLDSP	Plagioclase feldspar
MICA	Mica
HVY MNRLS	Heavy minerals
PHSPHT	Phosphorite
GLAUC	Glauconite
DIATOMS	Diatoms
SPCLS	Spicules
RDLRNS	Radiolarians
WOOD & PLNT FIB	Wood and plant fibers
OTHER	Other materials

Code Lines 400 and 401 $CaCO_3$, carbon and nitrogen content

Line 400 gives those constituents of organic origin in the samples. Calcium carbonate content was determined by the method described by Hülsemann (1966). Carbon content was determined by a gasometric method similar to that described by Kolpack and Bell (1968). Nitrogen content was determined by volumetric determination of aminoid nitrogen by the micro Kjeldahl method of Kabat and Mayer (1948). Line 401 gives data for reruns of those samples indicated by *.

Acknowledgements

The calcium carbonate, carbon, and nitrogen determinations were made under the direction of Jobst Hülsemann and Susan Kadar, assisted by Lois Toner, Madalyn Hamilton, and Faith Harrington.

Explanation of headings

CODE #	400 denotes content of constituents of organic origin.
STATION #	As described under code line 100 above.
CACO3	Calcium carbonate content in percent.
CARBON OF CACO3	Carbon content, in percent, calculated from calcium carbonate content.
ORGANIC CARBON MEASURED	Carbon content, in percent, measured by gasometric method in samples after removal of $CaCO_3$ by acid treatment.
TOTAL CARBON MEASURED	Carbon content, in percent, measured by gasometric method in whole sample.
ORGANIC CARBON CALCULATED	Total carbon measured less carbon of $CaCO_3$, in percent.
TOTAL CARBON CALCULATED	Organic carbon, measured, plus carbon of $CaCO_3$, in percent.
KJELDAHL NITROGEN	Nitrogen, in percent, measured by micro kjeldahl method.
ORGANIC CARBON/ NITROGEN	Ratio of organic carbon content to nitrogen content.

Code Line 500 X-ray diffraction analyses (bulk samples $\leq$2 mm)

This line contains the weight percent of minerals detected by x-ray powder diffraction analyses of the bulk fraction less than 2 mm in diameter. Two methods of computer analysis were used. Method 1 (indicated by 1 in column 17 following the station number) consisted of hand measurement of the intensities of specified key peaks on x-ray diffraction strip charts and computer calculation of estimates of the quantity of each mineral in the sample. This method was used for samples from the north sheet covering the region from Nova Scotia to New Jersey. Method 2 (indicated by 2 in column 17 following the station number) employed computer analysis of punched paper tapes produced directly by the x-ray diffractometer. The computer program located all diffraction peaks in the pattern, calculated their intensities, and made qualitative analyses of the minerals present by comparison of the peaks with a library of standards. The program then made estimates of the quantity of each mineral by the solution of a series of simultaneous equations involving the intensities of all the peaks and calculated mass absorption coefficients. A complete description of the method will be published elsewhere (Hathaway, in preparation).

Misalignment of some specimens, or malfunction of the paper tape equipment, produced spurious results. For these samples visual estimates were made, and are indicated by the number 3 in column 17.

Acknowledgements

The x-ray diffraction analyses were made by John C. Hathaway assisted by Richard A. Tagg, Peter F. McFarlin, Charlsa Head, and Judy M. Aydelette. The computer programs were written by John C. Hathaway.

Explanations of headings

CODE # — 500 denotes x-ray diffraction analyses of bulk samples.

STATION # — As described under code line 100.

COL. 17 — Numbers in this column indicate the following:

1. Analysis made by hand measurement of peaks and intensities.
2. Analysis made entirely by computer.
3. Analysis made by visual estimate or revision of analysis 2.

The following are the minerals analyzed for; amounts are given in percent.

QUARTZ — Quartz

PLAG FSPR — Plagioclase feldspar

K FSPR — Potassium feldspar

CALC — Calcite

MG CALC — Magnesium calcite. A number with no decimal point following the magnesium calcite value is the mol. percent of $MgCO_3$ in the structure.

Other minerals or comments (as indicated by * in position 87 of code line 500)

Station #		
1369 B	Dolomite?	
1480	Hematite	1%
1493	Gibbsite?	<1%
1500	Gibbsite	1%
1515	Gibbsite	1%
1545 A	Gibbsite	1%
1559	Goethite	1%
1567	Gypsum?	<1%
1571	Goethite	1%
1576	of the 61% Mg-calcite shown, 33% contains 3 mol % $MgCO_3$, and 28% contains 15 mol %	
1583 A	of the 75% Mg-calcite shown, 28% contains 4 mol % $MgCO_3$, and 47% contains 22 mol %	
1597 B	Hematite	1%
1598	Disordered cristabalite?	3%
1631	Gypsum?	1%
1674	Gypsum?	<1%
1683	Gibbsite	2%
1700	Disordered cristobalite?	3%
1732	Hematite	2%
1770	Gypsum?	1%
1799	Palygorskite?	4%
1800	Palygorskite?	3%
1804	Goethite?	<1%
1811	Goethite?	1%
1827 A	Hematite	1%
1849	Gibbsite	1%
1862	Dolomite?	
1881	Palygorskite?	<1%
1978	Palygorskite?	2%
1979	Palygorskite?	1%
1980	Palygorskite?	3%
1986	Palygorskite?	1%
1994	Gibbsite	1%
2031	Gibbsite?	<1%
2034	Gibbsite	2%
2040 B	Gibbsite	1%
2057	Gibbsite	1%
2073	Palygorskite?	2%
2074 B	Gibbsite	2%
2087	Amorphous material	23%
2107	Gibbsite	2%
2222	Gibbsite	7%
2226	Gibbsite	9%
2228	Gibbsite	4%
2244	Gibbsite	7%

Station #		
2250	Gibbsite	1%
2268	Gibbsite	<1%
2273U	Gibbsite	2%
2289	Gypsum?	1%
2291	Hematite?	<1%
2303	Gibbsite	3%
2304C	Gibbsite	4%
2349	Hematite	2%
2394	of the 31% mg calcite shown, 19% contains 6 mol % $MgCO_3$ and 12% contains 13 mol % $MgCO_3$	
2443	Gibbsite	2%
2461	Hematite	1%

Code Line 505 Minerals in clay fraction

This line contains estimates of the amounts of minerals in the clay fraction (less than 2 mm) of selected samples. The fractions were obtained by repeated centrifuging of suspensions of each sample for periods of time calculated to remove particles greater than 2 μm (Hathaway, 1956). The resulting clay suspensions were drawn by vacuum as oriented aggregates on ceramic tiles or silver membrane filters and analyzed by x-ray diffractometer. Some samples were treated with 1:4 acetic acid to remove calcium carbonate. These samples are indicated by "H+" following the station number. X-ray diffractometer patterns were made after air drying, after ethylene glycol treatment and after heating to 400°C and 550°C respectively. Visual estimates of the relative amounts of the various minerals present are listed to the nearest 10 percent.

Acknowledgements

The analyses were made by John C. Hathaway, with the assistance of Richard A. Tagg, Peter F. McFarlin, Charlsa Head, and Judy M. Aydelette.

Explanation of headings

CODE #	505 denotes mineralogy of the clay fraction.
STATION #	As described under line 100 above. H+ in columns 14 and 15 indicate residues from acetic acid treatment.

Amounts of each mineral are given to the nearest 10 percent or as TR if less than 10 percent.

MNT	Montmorillonite
CHL	Chlorite
DVM	Dioctahedral vermiculite
M-I	Mixed layered montmorillonite-illite (In a few samples vermiculite-illite)
M-C	Mixed layered montmorillonite (or vermiculite) - chlorite
ILL	Illite
KAO	Kaolinite
GIB	Gibbsite
QTZ	Quartz
FLD	Feldspar
CAL	Calcite
ARAG	Aragonite
HBL	Hornblende or other amphibole

Code Line 560 Heavy mineral analyses

This line contains analyses of the heavy mineral fraction of selected samples from the north sheet, southern Nova Scotia to northern New Jersey. The methods of sample preparation and discussion of the results are given in Ross (1970).

Acknowledgements

The heavy mineral analyses were made by David A. Ross.

Explanation of headings

CODE #	560 denotes analyses of the heavy mineral fraction.
STATION #	As described under line 100 above.
WT % MINERALS	
HEAVY	Percent by weight of heavy minerals in the sand fraction (2mm - 62μm) of the whole sample.
OPAQ	Percent by weight of opaque minerals in the heavy mineral fraction.
ALTD	Percent by weight of altered minerals grains in the heavy mineral fraction.
NON OPAQ	Percent by weight of non-opaque heavy mineral grains. * indicates that less than 100 grains were counted.

Mineral in percent by count

AM	Amphibole
EP	Epidote
ZO	Zoisite
AU	Augite
HY	Hypersthene
TI	Titanite
TO	Tourmaline
ZI	Zircon
GT	Garnet (Total)
GP	Pink garnet
GO	Orange garnet
ST	Staurolite
KY	Kyanite

AN	Andalusite
SL	Sillimanite
UN	Unknown
SP	Spinel
RU	Rutile
DU	Dumortierite
GL	Glaucophane
MO	Monazite
AP	Apatite
HB	Basaltic hornblende
AG	Aegerite
X	Other minerals:

AE	Aegerine-augite
AN	Anatase
BK	Brookite
BR	Bronzite
CM	Corundum
CH	Chloritoid
CS	Cassiterite
CZ	Clinozoisite
FO	Pyrite filled forams
OV	Olivine
PD	Piedmontite

AX	Percent by count of other minerals

Code Lines 600 and 620 Gravel analyses

Code lines 600 and 620 contain descriptions of the gravel fraction of the samples. Line 600 gives the results of pebble counts on specified size fractions. Line 620 gives a general description of specific features present in the gravel. For detailed discussion of these gravels see Schlee and Pratt (1970).

Acknowledgements

The pebble identifications and counts were made by John Schlee and Richard M. Pratt. The data records were coded by J.F. Jones. Mary Hunt wrote the computer program for decoding and listing the analyses.

Explanation of headings

CODE #	600 denotes pebble identifications and counts. 620 denotes descriptive features of the gravel.
STATION #	As described under code line 100 above.
SIZE	Size limits of gravel fraction analyzed, usually 8-16 mm and greater than 64 mm.
COUNT	Line 600 only - The number of pebbles of indicated type in a count of 100 pebbles of the 8-16 mm fraction, or the total number of pebbles of indicated type in the fraction greater than 64 mm.
DESCRIPTION	In line 600 - the type of rock with appropriate modifiers. In line 620 - specific features or materials accompanying the gravel fraction.

Code Line 700 Chemical analyses, major elements

Code line 700 contains chemical analyses of the major elements of selected samples. With the exception of those from the Blake Plateau, the samples were selected to illustrate the composition of river borne sediment and sea bottom sediment representing traverses across the continental shelf.

Major element determinations were made by fluxing the samples with lithium tetraborate at 1000°C, grinding the resulting glass, mixing with graphite and pressing the mixture into pellets. The pellets were then excited by a high voltage spark, and the elements present were determined by an emission spectrometer. The method is a modification of a procedure by Landergren, Muld and Rajandi (1964).

Fe_2O_3 and MnO_2 values represent the total for all oxidation states of these elements. NiO and CuO values below .005 percent are from the trace element analyses (see code line 710).

Where ignition loss at 1000°C is available, a sum has been calculated using Mn_3O_4 as the stable species at that temperature. Correction has also been made for fluorine in phosphate containing rocks. In some samples dominant components such as SiO_2 and CaO were determined by difference. This method usually yields more precise values for very high concentration levels. Such analyses are indicated by an asterisk following the sum. A few of the CaO values close to 50 percent that were not so corrected appear to be too high.

Inhomogeneity owing to small sample size may exist between the major element, trace element, and ignition loss subsamples.

Minus signs that precede values indicate that the amount detected is less than the value shown.

Acknowledgements

The analyses were made by Frank T. Manheim, assisted by Susan Kadar, Heidi Richards, Raymond Angona, and Lois Toner.

Explanations of headings

CODE #	700 denotes chemical analyses, major elements
STATION #	As described for code line 100

Major elements as oxides, in percent.

SIO2	SiO_2
AL2O3	Al_2O_3
FE2O3	Fe_2O_3 (value includes Fe^{+2})
TIO2	TiO_2
MNO2	MnO_2
CAO	CaO
MGO	MgO

SRO	SrO
K2O	K_2O
NA2O	Na_2O
P2O5	P_2O_5
CO2	CO_2
IGN. LOSS 500C	Ignition loss at 500° celcius
1000C	Ignition loss at 1000° celcius
NIO	NiO
CUO	CuO
F-O	Fluorine less equivalent oxygen (correction for phosphorite bearing samples)
SUM	Total of the elements reported. An asterisk indicates that SiO_2 or CaO were determined by difference. Lack of a sum indicates that no ignition loss determination was performed.

Code Line 710 Chemical analyses, trace elements

Code line 710 contains chemical analyses for trace elements in the samples selected as described under code line 700. The trace element determinations were made on the same pellet as the major element determinations, but with excitation at higher energy and with results of lower precision. The rounding of values generally indicates their estimated reliability. See code line 700 for further details of the method.

Minus signs indicate that the amount detected is less than the value shown.

Acknowledgements

The analyses were made by Frank T. Manheim, assisted by Susan Kadar, Heidi Richards, Raymond Angona and Lois Toner. Semi-quantitative analyses for vanadium and molybdenum and other traces made by Analytical Laboratories Branch, U.S. Geological Survey, Washington, D.C. are indicated by asterisks.

Explanation of headings

CODE #	710 denotes chemical analyses, trace elements
STATION #	As described under code line 100 above

Trace elements, in percent, as oxides

CO	Cobalt
NI	Nickel
CU	Copper
V*	Vanadium (* = semi-quantitative analyses by Analytical Laboratories Branch, U.S. Geological Survey, Washington, D.C.)
MO*	Molybdenum
ZN	Zinc
SR	Strontium
BA	Barium
TI	Titanium
MN	Manganese

Minus signs indicate that the amount detected is less than the value shown.

List of Area Codes

Area Code	Description
1	Scotian Shelf
2	South of Nova Scotia
3	Bay of Fundy
4	Northern Maine coast
5	Northern Gulf of Maine
6	Browns Bank
7	Continental Slope South of Nova Scotia
8	Northeast Channel
9	Georges Basin Area
10	Central Gulf of Maine
11	Central Maine Coast
12	Northern Massachusetts and New Hampshire Coast
13	Southern Gulf of Maine
14	Georges Bank
15	Continental Slope South of Georges Bank
16	Continental Slope South of Great South Channel
17	Great South Channel
18	Nantucket Shoals
19	Nantucket and Vineyard Sounds and Buzzards Bay
20	Cape Cod Bay
21	Massachusetts Bay
22	Narragansett Bay and Block Island Sound
23	Shelf South of New England
24	Slope South of New England
25	Shelf South of Long Island
26	Long Island Sound
27	Shelf East of New Jersey
28	Slope East of New Jersey
29	Middle Atlantic Continental Rise
30	New England Continental Rise
31	New Jersey Coast
32	Delaware Bay
33	Delaware Coast
34	Shelf East of Delaware
35	Slope East of Delaware
36	Chesapeake Bay
37	Albemarle and Pamlico Sounds
38	Shelf East of Virginia and North Carolina
39	Slope East of Virginia and North Carolina
40	Southern Continental Rise
41	Blake Escarpment, Ridge, and Spur
42	Florida-Hatteras Slope off North Carolina
43	Shelf off North Carolina
44	South Carolina Coast
45	Shelf off South Carolina
46	Florida-Hatteras Slope off South Carolina
47	Northern Blake Plateau
48	Inner Blake Plateau

Area Code	Description
49	Florida Hatteras Slope off Georgia
50	Shelf off Georgia
51	Georgia Coast
52	Northern Florida Coast
53	Northern Florida Shelf
54	Florida-Hatteras Slope off Northern Florida
55	Central Florida Coast
56	Central Florida Shelf
57	Florida-Hatteras Slope off Central Florida
58	Northern Straits of Florida
59	Bahama Banks
60	Southern Straits of Florida
61	Southern Florida-Hatteras Slope
62	Shelf off Florida Keys
63	Florida Bay
64	Outer Blake Plateau