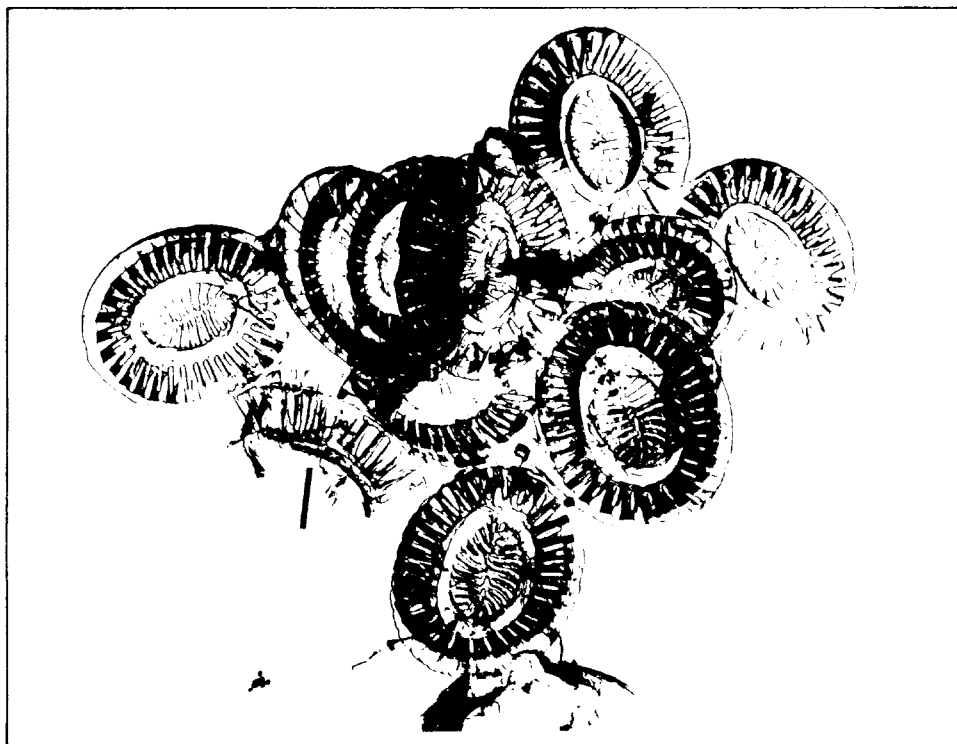


MGG15055019

# A GUIDE TO INDIAN OCEAN CORE MATERIAL

Compiled by LILLIAN MUSICH

JULY 1975



DEEP SEA DRILLING PROJECT  
SCRIPPS INSTITUTION OF OCEANOGRAPHY  
University of California at San Diego

Contract C-482

INFORMATION HANDLING GROUP

DEEP SEA DRILLING PROJECT

# A GUIDE TO INDIAN OCEAN CORE MATERIAL

COMPILED BY

LILLIAN F. MUSICH

Prepared for the

**NATIONAL SCIENCE FOUNDATION**

under provisions of Contract C-482

**Scripps Institution of Oceanography**

University of California at San Diego

**JULY 1975**

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THE DEEP SEA DRILLING PROJECT

Funded by:

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Managing Institution:

Scripps Institution of Oceanography  
La Jolla, California

Undertaken with the advice and guidance of:

The Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES)

Member Institutions:

Lamont-Doherty Geological Observatory, Columbia University  
Rosenstiel School of Marine and Atmospheric Science, University of Miami  
Scripps Institution of Oceanography, University of California  
P.P. Shirshov Institute of Oceanology, Academy of Sciences of the USSR  
University of Washington  
Woods Hole Oceanographic Institution

Cover photo: Courtesy of David Bukry

A GUIDE TO INDIAN OCEAN CORE MATERIAL

The large volume of core material being accumulated by the Deep Sea Drilling Project and the great amount of information contained in the Initial Reports are such that it has been found advisable to prepare a summary of the core material and available information to guide researchers in locating materials in which they may have a particular interest. The material presented in this volume covers cores gathered from the Indian Ocean during Phases I and II of the Deep Sea Drilling Project. As a compliment to the Guide a computerized search system called GUIDESEARCH has been developed.

The Data Contained in the Guide

Some 30 categories of data have been selected, in consultation with a number of sedimentologists, paleontologists, and stratigraphers, as giving the information most generally useful for the selection of core material. Table I lists these data categories, together with necessary explanatory comments.

The data have been extracted manually from the published volumes of the Initial Reports of the Deep Sea Drilling Project and should be considered only as a guide to these volumes and to the cores. The appropriate parts of the Initial Reports should be consulted for qualifying statements that could not be included in the compressed format of the Guide. Samples used to determine different parameters are taken at different levels within a core, hence these parameters are not directly correlatable. The Guide, however, does provide a general summary of what may be found within a specific core.

Inquiries about the content of the Guide may be addressed to:

Ms. Lillian Musich  
Geologist  
Deep Sea Drilling Project  
Scripps Institution of Oceanography  
P.O. Box 1529  
La Jolla, California 92037

GUIDESEARCH

GUIDESEARCH is a data retrieval program designed to search the Master Guide File (MGF) and extract records for cores which fit a user defined set of conditions. Thus it is possible for the researcher to request a list of those cores which are "Miocene in age, have a carbonate content less than 25%, and contain 25% or more montmorillonite". There is no practical limit to how many parameters may be specified in the request. We welcome requests for searches of the MGF. Search requests may be submitted as narrative descriptions of your search conditions or the type of geological environment you wish to define. These requests will be translated into GUIDESEARCH retrieval statements and submitted for processing.

Users who wish to exercise more direct control over their requests may wish to submit them directly as GUIDESEARCH statements. A complete document describing the syntax used with GUIDESEARCH is available by writing to Peter Woodbury (Senior Programmer, DSDP), but the following summary of features should suffice to formulate most requests.

General Syntax

All requests to GUIDESEARCH take the form:

WHERE      *search parameters*                      FOUND      *output actions*

*Search parameters* are one or more simple or complex boolean expressions and *output actions* specify what is to be done with data records which meet the *search parameters*. For persons having familiarity with either the FORTRAN or ALGOL programming languages, *search parameters* can take the form of any valid boolean expression defined for either language. More specifically, any item contained in this file may be combined with constants using arithmetic, relational, and logical operators, and they may be combined to any degree of complexity or nesting. MGF data items should be refined to using the column headings in the text. In addition to arithmetic constants GUIDESEARCH understands as constants relative abundance adjectives and the names of all commonly recognized geologic ages at several levels of naming (era, period, age etc.). Two special self-contained boolean expressions are defined for GUIDESEARCH to reduce the effort required to express certain search parameters:

*item* RANGE (*min*, *max*) where *item* is any of the MGF data items which are expressed as ranges, e.g. age, sand, quartz. *item* RANGE is true when the range for that *item* intersects the range defined by *min* and *max*.

LITHCONTAINS ("*string*") is true when the lithology field of a record contains the *string* in quotes.

Some examples of *search parameters* are:

- 1) SANDMIN >20 AND LITHCONTAINS ("QUARTZ")
- 2) LATITUDE NORTH OF 20 SOUTH AND  
LONGITUDE EAST OF 90 WEST AND  
LONGITUDE WEST OF 0 AND  
(WATERDEPTH >2000 OR COREDEPTH >1000) AND  
PERIOD = CRETACEOUS AND (LITHCONTAINS ("SAND"))  
OR PYRITE GREATER THAN OR EQUAL TO RARE

[*output actions*] are:

SHOW    *list*  
SELECT *list*    TO *device*            NAMED *filename*  
SAVE

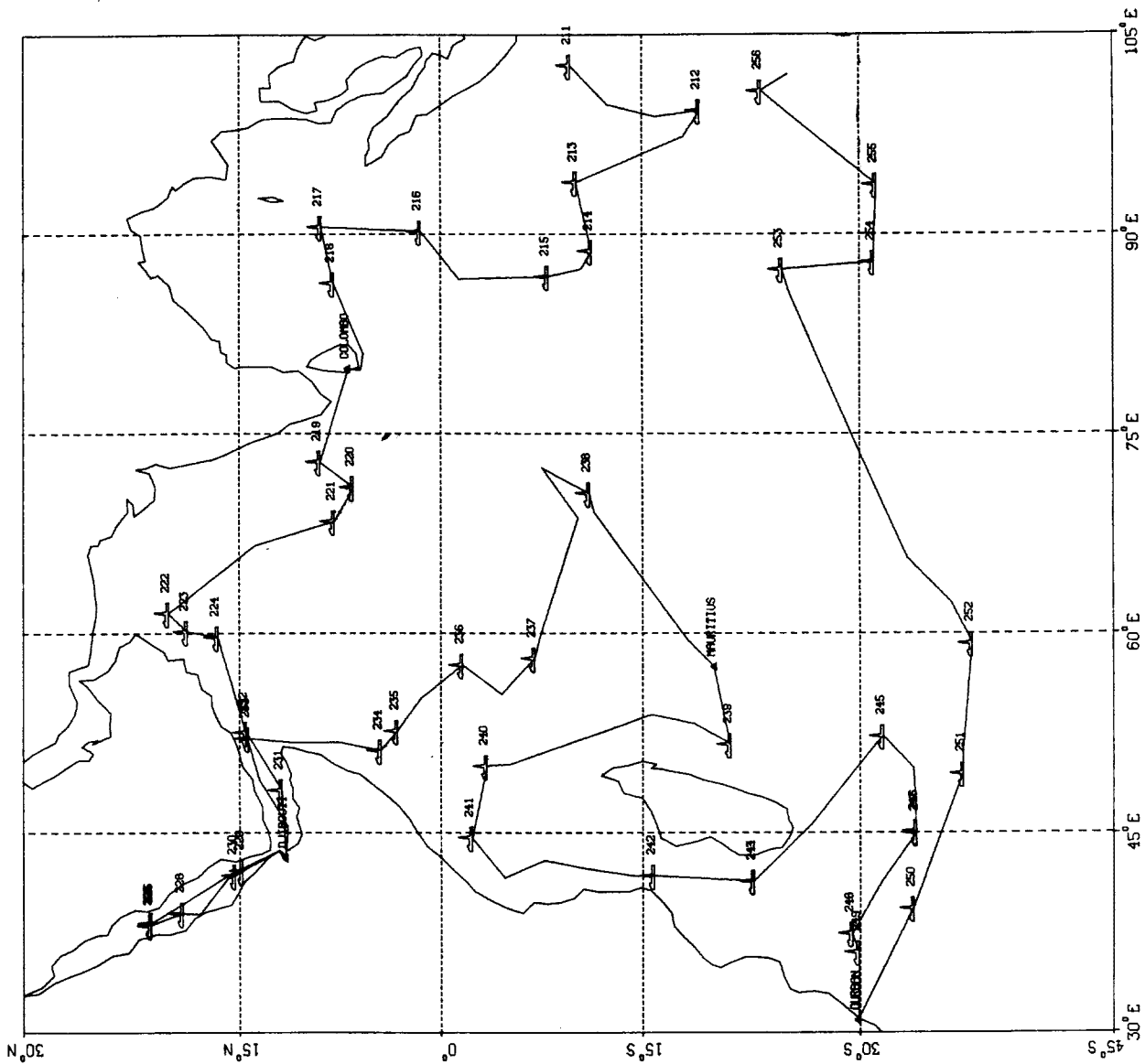
SHOW prints a report which displays the data items in the *list with appropriate headings*. SELECT writes the data items in the *list* to the *device* specified, eg. disk, tape, or punch and gives it a title specified by *filename*. SAVE writes the complete MGF record to disk in a form suitable for further processing or iterative searches.

Requests for lists of cores meeting specific criteria, which can be answered using the GUIDESEARCH routine should be addressed to Ms. Lillian Musich.

GUIDESEARCH is a single program, written in Burroughs Algol. It is designed to be easily adapted to any sequential file search by simply defining a "dictionary file" for the file. Inquiries on the software may be addressed to Mr. Peter B. Woodbury, Senior Programmer, DSDP.



INDIAN OCEAN



15055019

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NAANFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
211 - 1		9 47S	102 42E	5518	9	900	QUATERNARY		0-6	17-58	36-83	1-	N	N	D	A	
211 - 2		9 47S	102 42E	5518	18	900	QUATERNARY		-	-	-	-	N	N	D	C	
211 - 3		9 47S	102 42E	5518	66	750	UPPER PLIOCENE		-	-	-	-	N	N	D	C	
211 - 4		9 47S	102 42E	5518	105	380	PLIOCENE		0-51	15-94	6-79	-	N	N	D	N	
211 - 5		9 47S	102 42E	5518	143	790	PLIOCENE		14-	66-	21-	-	N	N	C	R	
211 - 6		9 47S	102 42E	5518	191	950	PLIOCENE		38-	46-	16-	-	N	N	C	N	
211 - 7		9 47S	102 42E	5518	238	150	PLIOCENE		-	-	-	-	R	N	N	N	
211 - 8		9 47S	102 42E	5518	266	110	PLIOCENE		48-	37-	16-	-	R	N	N	N	
211 - 9		9 47S	102 42E	5518	304	370	PLIOCENE		3-32	35-43	26-62	-	R	N	N	N	
211 - 10		9 47S	102 42E	5518	351	60			-	-	-	-	N	N	N	N	
211 - 11		9 47S	102 42E	5518	398	10			-	-	-	-	N	N	N	C	
211 - 12		9 47S	102 42E	5518	419	310	MAESTRICHTIAN	CAMPANIAN	-	-	-	12-67	C	C	C	N	
211 - 13		9 47S	102 42E	5518	428	130	CAMPANIAN		-	-	-	-	C	C	C	N	
211 - 14		9 47S	102 42E	5518	438	340	CAMPANIAN		-	-	-	-	C	C	C	N	
211 - 15		9 47S	102 42E	5518	447	570			-	-	-	-	-	-	-	-	
-----																	
212 - 1		19 11S	99 18E	6233	10	950	PLIOCENE		-	-	-	80-87	R	A	R	R	
212 - 2		19 11S	99 18E	6233	18	750	LOWER PLIOCENE	UPPER MIOCENE	0-0	32-34	66-69	73-89	R	A	R	C	
212 - 3		19 11S	99 18E	6233	51	80	UPPER MIOCENE		-	-	-	93-93	R	A	R	N	
212 - 4		19 11S	99 18E	6233	60	150	UPPER MIOCENE		-	-	-	-	R	A	R	N	
212 - 5		19 11S	99 18E	6233	70	190	UPPER MIOCENE		-	-	-	91-	C	A	N	R	
212 - 6		19 11S	99 18E	6233	98	20	UPPER MIOCENE		-	-	-	-	C	A	N	N	
212 - 7		19 11S	99 18E	6233	117	150	UPPER MIOCENE		-	-	-	87-	R	A	N	N	
212 - 8		19 11S	99 18E	6233	136	550	UPPER MIOCENE		-	-	-	90-91	C	A	N	N	
212 - 9		19 11S	99 18E	6233	146	70	UPPER MIOCENE		-	-	-	90-	R	A	N	R	
212 - 10		19 11S	99 18E	6233	174	900	UPPER MIOCENE	LOWER MIOCENE	-	-	-	83-84	C	A	N	N	
212 - 11		19 11S	99 18E	6233	203	460	MIDDLE MIOCENE		-	-	-	84-84	C	A	N	N	
212 - 12		19 11S	99 18E	6233	231	650	MIDDLE MIOCENE		-	-	-	84-	C	A	N	N	
212 - 13		19 11S	99 18E	6233	260	470	MIDDLE MIOCENE		-	-	-	75-87	A	A	N	R	
212 - 14		19 11S	99 18E	6233	279	800	MIDDLE MIOCENE		-	-	-	86-	N	A	N	N	
212 - 15		19 11S	99 18E	6233	298	410	MIDDLE MIOCENE		-	-	-	86-	R	A	N	N	
212 - 16		19 11S	99 18E	6233	307	270			-	-	-	-	N	N	N	N	
212 - 17		19 11S	99 18E	6233	317	50			-	-	-	-	N	N	N	N	
212 - 18		19 11S	99 18E	6233	326	360	MIDDLE EOCENE		-	-	-	79-	N	A	N	N	
212 - 19		19 11S	99 18E	6233	336	190	MIDDLE EOCENE		-	-	-	80-	N	A	R	N	
212 - 20		19 11S	99 18E	6233	345	90	MIDDLE EOCENE		-	-	-	80-	N	A	C	N	
212 - 21		19 11S	99 18E	6233	355	600	MIDDLE EOCENE		-	-	-	77-79	N	A	R	N	
212 - 22		19 11S	99 18E	6233	364	470	MIDDLE EOCENE		-	-	-	80-	N	A	R	R	
-----																	
212 - 23		19 11S	99 18E	6233	374	670	MIDDLE EOCENE		-	-	-	80-	N	A	R	N	
212 - 24		19 11S	99 18E	6233	383	50	MIDDLE EOCENE		-	-	-	-	N	A	N	N	
212 - 25		19 11S	99 18E	6233	393	950	MIDDLE EOCENE		-	-	-	-	N	A	N	N	
212 - 26		19 11S	99 18E	6233	402	950	MIDDLE EOCENE		-	-	-	82-	N	A	N	N	
212 - 27		19 11S	99 18E	6233	412	620	MIDDLE EOCENE		-	-	-	3-	N	C	N	R	
212 - 28		19 11S	99 18E	6233	421	450			-	-	-	-	N	N	N	N	
212 - 29		19 11S	99 18E	6233	431	160	UPPER CRETACEOUS		-	-	-	61-	C	A	N	N	
212 - 30		19 11S	99 18E	6233	440	340	UPPER CRETACEOUS		-	-	-	77-77	C	A	N	C	
212 - 31		19 11S	99 18E	6233	450	860	UPPER CRETACEOUS		-	-	-	75-76	C	A	N	N	
212 - 32		19 11S	99 18E	6233	459	920	UPPER CRETACEOUS		-	-	-	75-	C	A	N	N	
212 - 33		19 11S	99 18E	6233	469	920	UPPER CRETACEOUS		-	-	-	75-	C	A	N	R	
212 - 34		19 11S	99 18E	6233	478	330	UPPER CRETACEOUS		-	-	-	-	C	A	N	R	
212 - 35		19 11S	99 18E	6233	488	670	UPPER CRETACEOUS		-	-	-	72-73	C	A	N	R	
212 - 36		19 11S	99 18E	6233	497	100			-	-	-	-	R	N	N	R	
212 - 37		19 11S	99 18E	6233	507	140			-	-	-	-	N	N	N	N	
212 - 38		19 11S	99 18E	6233	516	210			-	-	-	-	N	N	N	N	
212 - 39		19 11S	99 18E	6233	521	400			-	-	-	-	N	N	N	C	
-----																	
213 - 1		10 13S	93 54E	5601	9	680	QUATERNARY		-	-	-	-	N	N	C	R	
213 - 2		10 13S	93 54E	5601	19	730	QUATERNARY	UPPER PLIOCENE	-	-	-	-	N	N	C	R	



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	30-	2-	8-	28-	7-	24-	N	N	SLIGHT	NONE	MODERATE	ASH DIATOMGRAD RICH OOZE	211 -	1
0-	24-	4-	11-	28-	5-	26-	N	N	SLIGHT	NONE	MODERATE	CLAY SP. SPIC.	211 -	2
0-	26-	5-	10-	38-	3-	17-	N	R	NONE	NONE	MODERATE	SP. SPIC DIAT RICH CLAY	211 -	3
0-	23-	4-	10-	10-	13-	41-	N	N	NONE	NONE	SLIGHT	SILTY SAND	211 -	4
0-	13-	4-	12-	9-	12-	50-	N	R	SLIGHT	NONE	SLIGHT	CLAY RICH RAD OOZE	211 -	5
.	.	.	.	.	.	.	N	N	MODERATE	NONE	NONE	SANDY SILT, RAD CLAY,	211 -	6
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	CLAYEY SILT, SILTY SAND	211 -	7
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	CLAY, SANDY CLAYEY SILT	211 -	8
0-	17-	8-	2-	9-	21-	42-	N	R	SLIGHT	BEDDED	NONE	SILTY CLAY, SILTY SAND	211 -	9
0-	13-	36-	0-	13-	2-	15-	C	C	NONE	NONE	NONE	SILTY CLAY, CLAY, SILTY SAND	211 -	10
0- 0	5-15	7-29	0- 0	5-14	0- 0	0- 2	N	N	NONE	NONE	NONE	PYR. RICH ASH, ASH RICH FE. OX	211 -	11
0- 0	6-10	6-16	0- 0	4- 6	0- 0	0- 10	N	N	SLIGHT	BEDDED	SLIGHT	ANDESITE	211 -	12
0-	13-	9-	0-	0-	0-	0-	N	N	NONE	BEDDED	NONE	MICARB RICH NANNO OOZE	211 -	13
.	.	.	.	.	.	.	N	N	NONE	BEDDED	NONE	CLAY RICH NANNO OOZE, CLAY	211 -	14
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	BASALT	211 -	15
0-	35-	5-	7-	21-	21-	11-	N	N	GREAT	NONE	NONE	NANNO OOZE	212 -	1
.	.	.	.	.	.	.	N	N	MODERATE	BEDDED	SLIGHT	NANNO OOZE, FE CLAY	212 -	2
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	NANNO OOZE	212 -	3
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	NANNO SILT, SILTY CLAY	212 -	4
.	.	.	.	.	.	.	N	N	MODHRATE	NONE	NONE	NANNO OOZE	212 -	5
.	.	.	.	.	.	.	N	R	GREAT	NONE	NONE	NANNO OOZE	212 -	6
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	NANNO OOZE	212 -	7
.	.	.	.	.	.	.	R	R	MODERATE	NONE	SLIGHT	CLAY, NANNO OOZE	212 -	8
0-	1-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO OOZE	212 -	9
.	.	.	.	.	.	.	R	R	SLIGHT	NONE	SLIGHT	NANNO OOZE, FE RICH CLAY	212 -	10
0-	1-	0-	0-	1-	0-	0-	N	R	SLIGHT	NONE	SLIGHT	CLAY RICH NANNO OOZE	212 -	11
.	.	.	.	.	.	.	N	N	SLIGHT	BEDDED	NONE	CLAY RICH NANNO CHALK	212 -	12
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NANNO RICH FORAM CHALK	212 -	13
0-	28-	19-	9-	25-	9-	8-	N	C	SLIGHT	BEDDED	NONE	CLAY RICH NANNO CHALK	212 -	14
.	.	.	.	.	.	.	N	C	SLIGHT	BEDDED	NONE	NANNO CHALK, SS,	212 -	15
0-	30-	12-	5-	17-	18-	18-	N	C	NONE	NONE	NONE	FE OX RICH ZEOL. CLAYSTN	212 -	16
52-	8-	6-	3-	6-	2-	7-	N	C	NONE	NONE	SLIGHT	ZEOL. FE OX CLAY	212 -	17
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	ZEOL FE OX CLAYSTN	212 -	18
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	CLAY BRG. NANNO CHALK	212 -	19
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO CHALK	212 -	20
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO CHALK	212 -	21
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO CHALK	212 -	22
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO CHALK, CLAYSTN	212 -	23
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO CHALK	212 -	24
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	SLIGHT	NANNO CHALK	212 -	25
0- 0	16-18	10-14	3- 6	12-20	18-22	27-33	N	R	SLIGHT	NONE	NONE	CLAY RICH NANNO CHALK	212 -	26
0-	14-	14-	5-	19-	21-	8-	N	C	SLIGHT	NONE	SLIGHT	NANNO CHALK, CLAYSTN	212 -	27
0-	12-	14-	5-	23-	28-	6-	N	C	NONE	NONE	SLIGHT	ZEOL. FE OX BRG CLAYSTN	212 -	28
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	NANNO SILTSTN, CLAYSTN	212 -	29
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NANNO CHALK	212 -	30
0-	1-	0-	0-	0-	0-	2-	N	N	SLIGHT	NONE	NONE	NANNO CHALK	212 -	31
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO CHALK	212 -	32
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO CHALK	212 -	33
0- 0	1-17	2-16	0- 6	2-13	0- 5	2-43	N	N	NONE	NONE	SLIGHT	NANNO CHALK	212 -	34
0-	24-	16-	8-	13-	3-	9-	N	R	SLIGHT	NONE	MODERATE	NANNO CHALK, CLAYSTN	212 -	35
0-	24-	14-	2-	8-	0-	5-	N	R	MODERATE	NONE	MODERATE	ZEOL. CLAYSTN	212 -	36
0-19	13-19	0-34	0- 0	5-12	0- 0	0-11	N	R	NONE	NONE	MODERATE	CLAY RICH ZEOLITITE	212 -	37
.	.	.	.	.	.	.	N	C	SLIGHT	NONE	SLIGHT	CLAY ZEOLITITE, CLAYSTN	212 -	38
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	BASALT, BRECCIA	212 -	39
0- 0	28-36	0- 5	11-14	24-25	15-21	8-17	N	R	SLIGHT	NONE	GREAT	RAD DIAT OOZE	213 -	1
0- 0	31-35	0- 4	12-15	23-23	16-18	11-19	N	N	SLIGHT	NONE	GREAT	RAD RICH DIAT OOZE	213 -	2

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	RANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSS	PYROCLASTICS
213 - 3		10 13S	93 54E	5601	28	950	UPPER PLIOCENE		1-	22-	77-	-	N N C	R			
213 - 4		10 13S	93 54E	5601	38	850	UPPER PLIOCENE		-	-	-	-	R N C	R			
213 - 5		10 13S	93 54E	5601	47	950	LOWER PLIOCENE		-	-	-	-	R N C	C			
213 - 6		10 13S	93 54E	5601	57	950	LOWER PLIOCENE		-	-	-	-	R N C	R			
213 - 7		10 13S	93 54E	5601	66	950	UPPER MIOCENE		-	-	-	-	N N A	R			
213 - 8		10 13S	93 54E	5601	76	950	UPPER MIOCENE		0-1	13-29	70-87	-	N N C	R			
213 - 9		10 13S	93 54E	5601	85	950	UPPER MIOCENE		0-0	10-12	88-91	-	N N R	R			
213 - 10		10 13S	93 54E	5601	95	950	MIDDLE MIOCENE		0-0	11-13	87-89	-	N N R	N			
213 - 11		10 13S	93 54E	5601	104	800	MIDDLE MIOCENE		0-0	15-33	67-85	-	R N R	N			
213 - 12		10 13S	93 54E	5601	114	800			-	-	-	-	N N N	N			
213 - 13		10 13S	93 54E	5601	123	950	MIDDLE EOCENE		-	-	-	-	R C N	R			
213 - 14		10 13S	93 54E	5601	133	950	LOWER EOCENE		-	-	-	74-	C C R	N			
213 - 15		10 13S	93 54E	5601	142	950	LOWER EOCENE		-	-	-	87-	C A R	N			
213 - 16		10 13S	93 54E	5601	152	530	UPPER PALEOCENE		-	-	-	22-95	A A N	N			
213 - 17		10 13S	93 54E	5601	160	340	UPPER PALEOCENE		-	-	-	-	A R N	R			
213 - 18		10 13S	93 54E	5601	163	330			-	-	-	-					
213 - 19		10 13S	93 54E	5601	173	190			-	-	-	-					
213A- 1		10 13S	93 54E	5601	47	750			-	-	-	-					
213A- 2		10 13S	93 54E	5601	122	850			-	-	-	-					
213A- 3		10 13S	93 54E	5601	141	850			-	-	-	-					
214 - 1		11 20S	88 43E	1655	10	950	PLEISTOCENE		29-52	27-40	21-33	92-94	A A C	R			
214 - 2		11 20S	88 43E	1655	19	680	PLEISTOCENE		34-45	29-34	25-32	89-94	A A R	R			
214 - 3		11 20S	88 43E	1655	29	950	PLEISTOCENE	PLIOCENE	25-41	30-39	30-37	93-93	A A C	N			
214 - 4		11 20S	88 43E	1655	38	950	PLIOCENE		23-34	29-36	36-41	93-94	A A C	R			
214 - 5		11 20S	88 43E	1655	48	950	PLIOCENE		29-40	26-34	34-38	94-95	A A C	N			
214 - 6		11 20S	88 43E	1655	57	600	PLIOCENE		34-42	27-30	32-37	94-94	A A C	N			
214 - 7		11 20S	88 43E	1655	67	950	PLIOCENE		24-27	29-33	41-46	94-95	A A C	N			
214 - 8		11 20S	88 43E	1655	76	820	PLIOCENE		24-26	32-33	42-44	95-95	A A C	N			
214 - 9		11 20S	88 43E	1655	86	950	PLIOCENE		7-13	55-66	27-33	95-95	A A C	R			
214 - 10		11 20S	88 43E	1655	95	950	UPPER MIOCENE		13-14	53-58	29-33	94-96	A A C	N			
214 - 11		11 20S	88 43E	1655	105	950	UPPER MIOCENE		10-22	37-54	34-46	95-96	A A C	N			
214 - 12		11 20S	88 43E	1655	114	750	UPPER MIOCENE		13-	44-	43-	96-	A A C	N			
214 - 13		11 20S	88 43E	1655	124	830	UPPER MIOCENE		5-	47-	48-	95-	A A C	N			
214 - 14		11 20S	88 43E	1655	133	950	UPPER MIOCENE		3-	52-	45-	96-	A A A	N			
214 - 15		11 20S	88 43E	1655	142	850	UPPER MIOCENE		9-10	48-53	38-42	96-96	A A C	N			
214 - 16		11 20S	88 43E	1655	153	950	UPPER MIOCENE		8-9	58-58	33-34	95-95	A A C	N			
214 - 17		11 20S	88 43E	1655	162	950	MIDDLE MIOCENE		3-5	55-61	35-42	96-97	A A R	N			
214 - 18		11 20S	88 43E	1655	171	750	MIDDLE MIOCENE		5-15	53-60	30-35	96-97	C A R	N			
214 - 19		11 20S	88 43E	1655	181	860	MIDDLE MIOCENE		6-9	62-62	30-32	95-96	C A R	N			
214 - 20		11 20S	88 43E	1655	191	950	MIDDLE MIOCENE		11-	55-	35-	97-	A A C	N			
214 - 21		11 20S	88 43E	1655	199	700	MIDDLE MIOCENE		1-9	60-64	31-35	97-98	C A N	N			
214 - 22		11 20S	88 43E	1655	210	950	LOWER MIOCENE		1-1	69-72	28-30	96-97	C A N	N			
214 - 23		11 20S	88 43E	1655	219	950	LOWER MIOCENE		0-1	68-69	30-31	96-97	C A N	N			
214 - 24		11 20S	88 43E	1655	229	900	UPPER OLIGOCENE		0-	67-	33-	49-97	C A N	N			
214 - 25		11 20S	88 43E	1655	237	200	UPPER OLIGOCENE		1-	52-	47-	97-	C A N	N			
214 - 26		11 20S	88 43E	1655	248	870	MIDDLE OLIGOCENE		1-	54-	45-	96-97	C A N	N			
214 - 27		11 20S	88 43E	1655	257	950	LOWER OLIGOCENE		1-	64-	36-	96-97	C A N	N			
214 - 28		11 20S	88 43E	1655	267	900	UPPER EOCENE		0-0	66-68	32-34	96-97	C A N	C			
214 - 29		11 20S	88 43E	1655	276	850	MIDDLE EOCENE		0-1	54-70	30-46	96-97	A A N	N			
214 - 30		11 20S	88 43E	1655	286	930	MIDDLE EOCENE		0-	76-	24-	96-97	C A N	N			
214 - 31		11 20S	88 43E	1655	295	930	MIDDLE EOCENE		2-	57-	41-	95-97	C A N	N			
214 - 32		11 20S	88 43E	1655	305	930	MIDDLE EOCENE		3-	59-	38-	95-	C A N	N			
214 - 33		11 20S	88 43E	1655	314	940	LOWER EOCENE		2-	73-	26-	96-	A D N	N			
214 - 34		11 20S	88 43E	1655	324	920	LOWER EOCENE		3-	68-	29-	97-98	C A N	N			
214 - 35		11 20S	88 43E	1655	333	600	LOWER EOCENE		21-41	40-51	19-28	83-93	C R N	N			
214 - 36		11 20S	88 43E	1655	343	470	UPPER PALEOCENE		31-	28-	42-	-	C C N	N			
214 - 37		11 20S	88 43E	1655	352	300	PALEOCENE		66-	18-	16-	-	R A N	N			

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTILING	LITHOLOGY	HOLE	CORE
0-	26-	0-	8-	30-	19-	17-	N	R	SLIGHT	NONE	MODERATE	RAD RICH DIAT OOZE	213 -	3
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	MODERATE	RAD RICH DIAT OOZE	213 -	4
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	RAD RICH DIAT OOZE	213 -	5
0-	26-	3-	11-	25-	18-	16-	N	R	NONE	NONE	MODERATE	RAD RICH DIAT OOZE	213 -	6
0-	26-	3-	11-	25-	18-	16-	N	R	NONE	NONE	SLIGHT	RAD RICH DIAT OOZE	213 -	7
0-0	15-29	0-3	7-10	14-16	11-19	26-50	N	R	MODERATE	NONE	SLIGHT	DIAT RAD RICH CLAY, CLAY	213 -	8
10-	13-	11-	7-	13-	11-	36-	N	R	MODERATE	NONE	NONE	CLAY, ZEOL CLAY	213 -	9
16-	15-	0-	9-	9-	15-	37-	N	C	MODERATE	NONE	NONE	MN AND FE OX ZEOL BRG CLAYS	213 -	10
38-	9-	5-	6-	7-	4-	15-	N	C	MODERATE	NONE	NONE	MN BEARING ZEOL RICH CLAY	213 -	11
-	-	-	-	-	-	-	N	C	GREAT	NONE	NONE	MN AND FE OX ZEOL BRG CLAYS	213 -	12
47-	10-	10-	0-	7-	0-	5-	N	C	GREAT	NONE	NONE	MN AND FE OX ZEOL RICH CLAY	213 -	13
0-	13-	25-	0-	14-	1-	11-	N	C	MODERATE	NONE	NONE	MN AND FE OX CLAY	213 -	14
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	MN AND FE OX CLAY	213 -	15
0-0	0-11	0-16	0-0	0-0	0-4	0-3	N	C	NONE	NONE	NONE	NANNO OOZE, FE.OX SEDIMENT	213 -	16
-	-	-	-	-	-	-	N	N	-	-	-	BASALT	213 -	17
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	213 -	18
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	213 -	19
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	213A-	1
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	213A-	2
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	213A-	3
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	214 -	1
0-0	0-0	0-0	0-0	0-0	0-0	0-0	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	2
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	FORAM NANNO OOZE	214 -	3
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	4
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	5
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	FORAM NANNO OOZE	214 -	6
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	FORAM NANNO OOZE	214 -	7
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	8
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	9
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	10
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	214 -	11
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	214 -	12
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	13
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE	214 -	14
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	FORAM NANNO OOZE	214 -	15
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	FORAM NANNO OOZE	214 -	16
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE & CHALK	214 -	17
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	214 -	18
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	214 -	19
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	214 -	20
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	214 -	21
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	FORAM RICH NANNO OOZE	214 -	22
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM RICH NANNO OOZE	214 -	23
-	-	-	-	-	-	-	N	N	GREAT	NONE	SLIGHT	FORAM BRG NANNO OOZE	214 -	24
-	-	-	-	-	-	-	N	N	GREAT	NONE	SLIGHT	FORAM BRG NANNO OOZE	214 -	25
-	-	-	-	-	-	-	N	R	GREAT	NONE	SLIGHT	FORAM BEARING NANNO OOZE	214 -	26
-	-	-	-	-	-	-	N	R	GREAT	NONE	SLIGHT	NANNO OOZE	214 -	27
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE, ASH	214 -	28
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	214 -	29
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	214 -	30
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	214 -	31
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	MODERATE	NANNO OOZE	214 -	32
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	214 -	33
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	214 -	34
0-22	0-0	0-0	12-41	0-4	0-0	6-39	N	R	SLIGHT	NONE	NONE	NANNO CHALK & OOZE W/GLAUC	214 -	35
0-	0-	0-	8-	0-	0-	3-	N	R	MODERATE	NONE	NONE	GLAUC. & CARB RICH SAND&SILT	214 -	36
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	GLAUC. BRG CARB SILTY SAND	214 -	37

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	MAMMOFOSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSSILS	PYROCLASTICS
214 - 38		11 20S	88 43E	1655	362	506	PALEOCENE						R	R	N	R	
214 - 39		11 20S	88 43E	1655	371	370	PALEOCENE						R	R	N	R	
214 - 40		11 20S	88 43E	1655	381	380	PALEOCENE						R	R	N	R	
214 - 41		11 20S	88 43E	1655	390	320	PALEOCENE		7-9	25-33	60-66	16-	R	R	N	R	
214 - 42		11 20S	88 43E	1655	400	80						4-8	R	R	N	R	
214 - 43		11 20S	88 43E	1655	402	10							N	N	N	C	
214 - 44		11 20S	88 43E	1655	412	150							N	N	N	C	
214 - 45		11 20S	88 43E	1655	422	100							N	N	N	C	
214 - 46		11 20S	88 43E	1655	431	340							N	N	N	C	
214 - 47		11 20S	88 43E	1655	441	110							N	N	N	C	
214 - 48		11 20S	88 43E	1655	448	300							N	N	N	C	
214 - 49		11 20S	88 43E	1655	458	190							N	N	N	C	
214 - 50		11 20S	88 43E	1655	467	50							N	N	N	C	
214 - 51		11 20S	88 43E	1655	477	80							N	N	N	C	
214 - 52		11 20S	88 43E	1655	486	40							N	N	N	C	
214 - 53		11 20S	88 43E	1655	491	260							N	N	N	C	
214 - 54		11 20S	88 43E	1655	500	400							N	N	N	C	
215 - 1		8 7S	86 48E	5309	10	850	QUATERNARY	UPPER PLIOCENE					R	N	D	N	
215 - 2		8 7S	86 48E	5309	17	150	UPPER PLIOCENE	LOWER PLIOCENE					N	N	A	N	
215 - 3		8 7S	86 48E	5309	27	950	LOWER PLIOCENE						N	N	A	N	
215 - 4		8 7S	86 48E	5309	36	950	LOWER PLIOCENE						R	N	A	C	
215 - 5		8 7S	86 48E	5309	46	500	UPPER MIOCENE						N	N	A	N	
215 - 6		8 7S	86 48E	5309	55	330	UPPER MIOCENE						N	N	C	R	
215 - 7		8 7S	86 48E	5309	65	200	UPPER MIOCENE						R	N	A	R	
215 - 8		8 7S	86 48E	5309	74	820	UPPER MIOCENE		0-0	9-33	67-91		N	N	R	R	
215 - 9		8 7S	86 48E	5309	84	420	LOWER EOCENE		0-1	13-22	77-87		R	C	N	N	
215 - 10		8 7S	86 48E	5309	93	360	LOWER EOCENE		0-1	50-55	45-50	92-94	A	A	N	N	
215 - 11		8 7S	86 48E	5309	103	900	EOCENE	PALEOCENE	1-2	46-48	50-53	94-96	A	A	N	N	
215 - 12		8 7S	86 48E	5309	112	900	PALEOCENE					95-96	R	A	N	N	
215 - 13		8 7S	86 48E	5309	122	480	PALEOCENE					91-	R	A	R	N	
215 - 14		8 7S	86 48E	5309	131	900	PALEOCENE					95-97	R	A	N	N	
215 - 15		8 7S	86 48E	5309	141	640	PALEOCENE					93-94	R	A	N	N	
215 - 16		8 7S	86 48E	5309	150	680	PALEOCENE					89-94	C	A	N	C	
215 - 17		8 7S	86 48E	5309	156	80	PALEOCENE						C	A	N	C	
215 - 18		8 7S	86 48E	5309	162	450							N	N	N	N	
215 - 19		8 7S	86 48E	5309	166	250							N	N	N	N	
215 - 20		8 7S	86 48E	5309	175	520							N	N	N	N	
216 - 1		1 28N	90 12E	2237	10	950	PLEISTOCENE					0-88	A	A	R	C	
216 - 2		1 28N	90 12E	2237	54	950	PLIOCENE		12-14	37-43	45-48	83-90	A	A	R	R	
216 - 3		1 28N	90 12E	2237	92	210	UPPER MIOCENE		7-	40-	54-	91-	C	A	R	R	
216 - 4		1 28N	90 12E	2237	130	950	MIDDLE MIOCENE		4-	59-	38-	5-91	C	A	C	R	
216 - 5		1 28N	90 12E	2237	167	850	MIDDLE MIOCENE	LOWER MIOCENE	1-	53-	46-	92-93	R	A	C	N	
216 - 6		1 28N	90 12E	2237	178	950	LOWER MIOCENE					89-	C	A	C	N	
216 - 7		1 28N	90 12E	2237	187	260	UPPER OLIGOCENE						C	A	A	N	
216 - 8		1 28N	90 12E	2237	196	260	UPPER OLIGOCENE						R	A	C	N	
216 - 9		1 28N	90 12E	2237	206	450	UPPER OLIGOCENE		2-	57-	41-	90-91	R	A	C	N	
216 - 10		1 28N	90 12E	2237	216	280	UPPER OLIGOCENE					94-	R	A	C	N	
216 - 11		1 28N	90 12E	2237	224	90	OLIGOCENE					93-	R	A	C	N	
216 - 12		1 28N	90 12E	2237	235	210	OLIGOCENE						C	A	C	N	
216 - 13		1 28N	90 12E	2237	244	560	OLIGOCENE					92-	C	A	C	N	
216 - 14		1 28N	90 12E	2237	253	350	OLIGOCENE						C	A	C	N	
216 - 15		1 28N	90 12E	2237	263	360	OLIGOCENE	UPPER EOCENE					93-	R	A	C	N
216 - 16		1 28N	90 12E	2237	273	380	MIDDLE EOCENE					86-	A	R	C	R	
216 - 17		1 28N	90 12E	2237	282	280	UPPER EOCENE	MIDDLE EOCENE				87-	C	C	C	R	
216 - 18		1 28N	90 12E	2237	292	40	MIDDLE EOCENE	LOWER EOCENE					C	A	R	N	
216 - 19		1 28N	90 12E	2237	301	30	PALEOCENE						C	A	N	N	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	COPE
0-	0-	0-	13-	0-	0-	9-	N	R				GLAUC.BRG CARB SILTY SAND	214 - 38	
	1-	0-	40-	0-	0-	15-	N	R	GREAT	NONE	NONE	GLAUC.BRG CARB SILTY SAND	214 - 39	
0-0	0-1	0-0	31-39	0-0	0-0	21-39	R	N	GREAT	NONE	NONE	GLAUC CARB SILT&SILTSTN.	214 - 40	
91-99	0-3	0-0	0-0	0-0	0-0	0-0	C	N	SLIGHT	NONE	NONE	VOLC.SILT&CLAY, GLAUC L/S	214 - 41	
									MODERATE	NONE	NONE	LIGNITE	214 - 42	
							C	N		BEDDED		CRYSTAL TUFF & LIGNITE	214 - 43	
0-0	0-13	17-60	0-5	0-0	4-21	0-56	C	N	SLIGHT	BEDDED	NONE	TUFF, PYR. CLAYEY LIGNITE	214 - 44	
							C	N	MODERATE	BEDDED	NONE	VOLC. CLAY, LIGNITE	214 - 45	
0-0	4-10	16-54	0-0	0-0	0-0	34-65	N	N	NONE	BEDDED	NONE	VOLC. CLAY&LAPILLI TUFF	214 - 46	
							N	N	NONE	BEDDED	NONE	VOLC. CLAYSTN, LAPILLI TUFF	214 - 47	
							N	N	NONE			GLASSY BASALT, BASALT	214 - 48	
							N	N	NONE			BASALT	214 - 49	
							N	N	NONE			BASALT	214 - 50	
							N	N	NONE			BASALT, VOLC. CLAY	214 - 51	
0-	3-	23-	0-	0-	0-	63-	N	N	GREAT	NONE	NONE	LIGNITE, TUFF, BASALT, CLAY	214 - 52	
							N	N	GREAT	NONE	NONE	LAPILLI TURP, GLASSY BASALT	214 - 53	
							N	N	SLIGHT	NONE	NONE	BASALT	214 - 54	
	24-	0-	9-	35-	17-	15-	R	R	MODERATE	NONE	GREAT	RAD DIAT OOZE	215 - 1	
							N	N		NONE	GREAT	RAD DIAT OOZE	215 - 2	
							N	N	SLIGHT	NONE	GREAT	RAD CLAY RICH DIAT OOZE	215 - 3	
0-	27-	0-	6-	24-	19-	24-	N	N	MODERATE	NONE	MODERATE	RAD CLAY RICH DIAT OOZE	215 - 4	
							N	R	MODERATE	NONE	SLIGHT	RAD RICH DIAT CLAY	215 - 5	
0-	20-	2-	4-	61-	0-	7-	N	N	MODERATE	NONE	NONE	SILTY CLAY, CLAY	215 - 6	
0-0	24-	0-	8-	28-	16-	20-	N	N	SLIGHT	NONE	SLIGHT	CLAY DIAT RAD OOZE	215 - 7	
0-0	19-25	0-3	6-9	15-52	1-7	7-51	N	R	MODERATE	NONE	NONE	CLAY, CLAYFY SILT	215 - 8	
0-27	7-10	0-3	0-0	0-6	0-0	0-13	N	R	SLIGHT	NONE	SLIGHT	ZEOL. RICH CLAY	215 - 9	
							N	R	MODERATE	NONE	NONE	CLAY RICH NANNO OOZE	215 - 10	
							N	N	MODERATE	NONE	NONE	NANNO OOZE	215 - 11	
							N	N	SLIGHT	NONE	NONE	CLAY RICH NANNO OOZE	215 - 12	
							N	N	MODERATE	NONE	SLIGHT	CLAY RICH NANNO OOZE	215 - 13	
							N	N	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	215 - 14	
							N	N	MODERATE	NONE	SLIGHT	CLAY RICH NANNO OOZE	215 - 15	
0-	0-	0-	0-	0-	0-	0-	N	A	SLIGHT	NONE	SLIGHT	NANNO OOZE	215 - 16	
							N	N	SLIGHT	NONE	NONE	NANNO OOZE, BASALT	215 - 17	
							N	N	NONE			BASALT	215 - 18	
							N	R	NONE			BASALT	215 - 19	
							N	N	NONP			BASALT	215 - 20	
							N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE, ASH	216 - 1	
							N	N	SLIGHT	NONE	SLIGHT	FORAM NANNO OOZE, ASH	216 - 2	
0-	0-	0-	0-	0-	0-	0-	R	R	SLIGHT	NONE	SLIGHT	NANNO OOZE	216 - 3	
							N	N	NONE	NONE	SLIGHT	NANNO OOZE	216 - 4	
							N	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	216 - 5	
							N	N	MODERATE	NONE	NONE	NANNO OOZE	216 - 6	
							N	N	MODERATE	NONE	NONE	NANNO CHALK	216 - 7	
							N	N	MODERATE	NONE	NONE	NANNO CHALK	216 - 8	
							N	N	SLIGHT	NONE	NONE	NANNO CHALK	216 - 9	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 10	
							N	N	MODERATE	NONE	NONE	NANNO CHALK	216 - 11	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 12	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 13	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 14	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 15	
							N	N	GREAT	NONE	NONE	NANNO CHALK	216 - 16	
							N	N	MODERATE	NONE	NONE	NANNO CHALK	216 - 17	
0-	1-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	CHERT, NANNO CHALK	216 - 18	
							N	R				NANNO CHALK	216 - 19	

MGG15055019

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSSILS	PYROCLASTICS
216	- 20	1 28N	90 12E	2237	311	540	PALEOCENE		-	-	-	98-	C A N	N			
216	- 21	1 28N	90 12E	2237	320	220	PALEOCENE		-	-	-	-	A A N	N			
216	- 22	1 28N	90 12E	2237	330	360	MIDDLE PALEOCENE		-	-	-	-	C C N	N			
216	- 23	1 28N	90 12E	2237	339	360	PALEOCENE	MAESTRICHTIAN	-	-	-	91-	C A R	R			
216	- 24	1 28N	90 12E	2237	349	630	MAESTRICHTIAN		-	-	-	61-	C A N	R			
216	- 25	1 28N	90 12E	2237	358	650	MAESTRICHTIAN		-	-	-	24-25	R C N	R			
216	- 26	1 28N	90 12E	2237	368	400	MAESTRICHTIAN		-	-	-	-	R C N	C			
216	- 27	1 28N	90 12E	2237	377	300	MAESTRICHTIAN		-	-	-	-	R R N	A			
216	- 28	1 28N	90 12E	2237	387	360	MAESTRICHTIAN		-	-	-	-	R R N	A			
216	- 29	1 28N	90 12E	2237	396	250	MAESTRICHTIAN		-	-	-	-	R R N	A			
216	- 30	1 28N	90 12E	2237	406	710	MAESTRICHTIAN		-	-	-	-	R R R	A			
216	- 31	1 28N	90 12E	2237	415	660	MAESTRICHTIAN		-	-	-	-	R R R	A			
216	- 32	1 28N	90 12E	2237	425	820	MAESTRICHTIAN		-	-	-	37-	R R N	A			
216	- 33	1 28N	90 12E	2237	434	300	MAESTRICHTIAN		-	-	-	7-21	R R N	A			
216	- 34	1 28N	90 12E	2237	444	610	MAESTRICHTIAN		2-23	43-49	28-56	1-29	R R N	A			
216	- 35	1 28N	90 12E	2237	453	340	MAESTRICHTIAN		-	-	-	12-26	R R N	A			
216	- 36	1 28N	90 12E	2237	463	550			-	-	-	27-53	N N N	A			
216	- 37	1 28N	90 12E	2237	469	520			-	-	-	-	N N N	N			
216	- 38	1 28N	90 12E	2237	478	600			-	-	-	-	N N N	N			
216A-	1	1 28N	90 12E	2237	111	880	UPPER MIOCENE		-	-	-	89-93	A A R	R			
216A-	2	1 28N	90 12E	2237	121	930	UPPER MIOCENE		-	-	-	81-95	C A C	N			
216A-	3	1 28N	90 12E	2237	130	870	MIDDLE MIOCENE		-	-	-	86-88	C A A	R			
216A-	4	1 28N	90 12E	2237	140	900	MIDDLE MIOCENE		-	-	-	93-94	C C C	R			
216A-	5	1 28N	90 12E	2237	149	900	MIDDLE MIOCENE		-	-	-	93-	C A C	R			
216A-	6	1 28N	90 12E	2237	159	890	MIDDLE MIOCENE		-	-	-	88-91	C A C	C			
217	- 1	8 56N	90 32E	3010	10	950	PLEISTOCENE		8-	34-	58-	52-53	A A A	R			
217	- 2	8 56N	90 32E	3010	50	490	LOWER PLIOCENE		7-	29-	65-	65-66	C A R	C			
217	- 3	8 56N	90 32E	3010	80	300	UPPER MIOCENE		-	-	-	71-	C A C	R			
217	- 4	8 56N	90 32E	3010	126	800	UPPER MIOCENE		2-	28-	71-	59-	C A C	N			
217	- 5	8 56N	90 32E	3010	164	70	UPPER MIOCENE		-	-	-	-	P A C	N			
217	- 6	8 56N	90 32E	3010	192	940	UPPER MIOCENE		-	-	-	76-86	C A C	R			
217	- 7	8 56N	90 32E	3010	240	780	OLIGOCENE		-	-	-	86-89	C D C	N			
217	- 8	8 56N	90 32E	3010	278	910	UPPER OLIGOCENE		2-	55-	43-	85-88	R A C	N			
217	- 9	8 56N	90 32E	3010	316	950	MIDDLE OLIGOCENE	UPPER EOCENE	-	-	-	75-85	R A C	R			
217	- 10	8 56N	90 32E	3010	354	810	MIDDLE EOCENE		-	-	-	72-78	R A A	R			
217	- 11	8 56N	90 32E	3010	374	0			-	-	-	-	A A R	N			
217	- 12	8 56N	90 32E	3010	383	30	PALEOCENE		-	-	-	-	A A N	N			
217	- 13	8 56N	90 32E	3010	393	100	MIDDLE PALEOCENE		-	-	-	-	A A N	N			
217	- 14	8 56N	90 32E	3010	402	740	MIDDLE PALEOCENE		-	-	-	96-	C C N	N			
217	- 15	8 56N	90 32E	3010	412	200	PALEOCENE		-	-	-	53-77	A C N	R			
217	- 16	8 56N	90 32E	3010	421	900	PALEOCENE		-	-	-	83-87	C C N	R			
217	- 17	8 56N	90 32E	3010	431	590	MAESTRICHTIAN		-	-	-	91-	R C N	N			
217	- 18	8 56N	90 32E	3010	440	360	MAESTRICHTIAN		-	-	-	86-	R A N	N			
217	- 19	8 56N	90 32E	3010	450	600	MAESTRICHTIAN		-	-	-	86-	A A N	R			
217	- 20	8 56N	90 32E	3010	459	650	MAESTRICHTIAN		-	-	-	-	C A N	N			
217	- 21	8 56N	90 32E	3010	469	650	MAESTRICHTIAN		-	-	-	83-	C A N	N			
217	- 22	8 56N	90 32E	3010	478	450	MAESTRICHTIAN		-	-	-	79-81	C A N	N			
217	- 23	8 56N	90 32E	3010	488	750	MAESTRICHTIAN		-	-	-	78-88	A C N	R			
217	- 24	8 56N	90 32E	3010	497	950	MAESTRICHTIAN		-	-	-	86-	A A N	N			
217	- 25	8 56N	90 32E	3010	507	730	MAESTRICHTIAN	CAMPANIAN	-	-	-	88-	A A N	N			
217	- 26	8 56N	90 32E	3010	516	680	MAESTRICHTIAN	CAMPANIAN	-	-	-	87-87	A A N	N			
217	- 27	8 56N	90 32E	3010	526	330	MAESTRICHTIAN	CAMPANIAN	-	-	-	78-88	A A N	N			
217	- 28	8 56N	90 32E	3010	535	800	MAESTRICHTIAN	CAMPANIAN	-	-	-	86-	A A N	N			
217	- 29	8 56N	90 32E	3010	544	560	MAESTRICHTIAN	CAMPANIAN	-	-	-	86-	A C N	N			

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	C	GREAT	NONE	NONE	NANNO CHALK	216 -	20
0-	1-	0-	0-	0-	0-	0-	N	C	GREAT	NONE	NONE	NANNO OOZE	216 -	21
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO CHALK	216 -	22
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	CHERT, CHALK	216 -	23
5-	1-	0-	0-	0-	0-	0-	N	N	NONE	NONE	MODERATE	FORAM, MICARB, & GLAUC CHALK	216 -	24
1-	0-	0-	6-	0-	0-	45-	N	N	SLIGHT	NONE	MODERATE	CLAYSTN, ASH	216 -	25
0-	0-	0-	0-	0-	0-	58-	N	N	NONE	NONE	MODERATE	VOL SANDY CLAYSTN	216 -	26
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	CALC. VOLC SANDY CLAYSTN	216 -	27
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	GLAUC & GLAS BRG VOLC CLAY	216 -	28
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	GLAUC CALC VOLC CLAYSTN	216 -	29
0-	1-	0-	12-	0-	0-	2-	N	N	NONE	BEDDED	MODERATE	VOLC. CLAY, ASH	216 -	30
0-	0-	0-	14-	0-	0-	0-	R	N	NONE	NONE	MODERATE	GLASS VOLC. CLAY MICARB	216 -	31
0-	1-	0-	3-	0-	0-	4-	N	N	NONE	NONE	MODERATE	VOLCANIC CLAY	216 -	32
20-	0-	0-	4-	0-	0-	49-	N	N				VOLCANIC CLAY	216 -	33
17-24	0- 1	0- 0	0- 7	0- 53	0- 0	20- 38	R	N			SLIGHT	VOLC. CLAY, HDSTN, L/S, TUFF	216 -	34
-	-	-	-	-	-	-	N	N				VOLCANIC CLAY	216 -	35
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	VOLC. CLAY, MICRITE, ASH, L/S	216 -	36
-	-	-	-	-	-	-	N	R	NONE			BASALT	216 -	37
-	-	-	-	-	-	-	N	N	NONE			BASALT	216 -	38
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	CLAY FORAM RICH NANNO OOZE	216A-	1
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY FORAM RICH NANNO OOZE	216A-	2
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	CLAY FORAM RICH NANNO OOZE	216A-	3
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	216A-	4
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM MICARB NANNO OOZE	216A-	5
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	ASH BEARING NANNO OOZE	216A-	6
0-	11-	0-	3-	14-	2-	0-	N	N	GREAT	NONE	SLIGHT	FORAM CLAY NANNO OOZE	217 -	1
0-	4-	0-	1-	6-	0-	1-	N	N	GREAT	NONE	SLIGHT	FORAM NANNO OOZE	217 -	2
0-	4-	0-	1-	4-	2-	3-	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE, CLAY NANNO OOZE	217 -	3
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	CLAY NANNO OOZE	217 -	4
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CLAY RICH NANNO OOZE	217 -	5
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	CLAY NANNO OOOZE&CHALK	217 -	6
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	7
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	8
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO CHALK	217 -	9
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	NANNO CHALK	217 -	10
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NO RECOVERY	217 -	11
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	NANNO CHALK	217 -	12
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	NANNO CHALK AND CLAY	217 -	13
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	NANNO CHALK	217 -	14
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	NANNO CHALK	217 -	15
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	MODERATE	NANNO CHALK	217 -	16
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	NANNO CHALK	217 -	17
-	-	-	-	-	-	-	N	R	NONE	NONE	MODERATE	CLAY RICH NANNO CHALK	217 -	18
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	19
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	20
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	21
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	22
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY RICH NANNO CHALK	217 -	23
-	-	-	-	-	-	-	N	R	NONE	NONE	MODERATE	CLAY RICH NANNO CHALK	217 -	24
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	CLAY RICH NANNO CHALK	217 -	25
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	CLAY RICH NANNO CHALK	217 -	26
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	CLAY SHELL RICH NANNO CHALK	217 -	27
-	-	-	-	-	-	-	N	R	NONE	NONE	MODERATE	CLAY SHELL RICH NANNO CHALK	217 -	28
-	-	-	-	-	-	-	N	R	NONE	NONE	MODERATE	CLAY SHELLY NANNO CHALK	217 -	29

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	MAMMOFOSILS	SILICEOUS MICROFOSSILS ORG.-WALLED MICROFOSS.	PYROCLASTICS
217 - 30		8 56N	90 32E	3010	554	380			-	-	-	88-	N	R	N	N
217 - 31		8 56N	90 32E	3010	563	210	CAMPANIAN		-	-	-	41-86	C	R	N	N
217 - 32		8 56N	90 32E	3010	573	220	CAMPANIAN		-	-	-	-	C	C	N	R
217 - 33		8 56N	90 32E	3010	582	340	CAMPANIAN		-	-	-	46-76	C	R	N	N
217 - 34		8 56N	90 32E	3010	592	110	CAMPANIAN		-	-	-	68-	R	R	N	N
217 - 35		8 56N	90 32E	3010	601	10			-	-	-	-	N	N	N	N
217 - 36		8 56N	90 32E	3010	611	80	CAMPANIAN		-	-	-	67-	R	R	N	N
217 - 37		8 56N	90 32E	3010	615	60			-	-	-	-	N	N	N	N
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217A- 1		8 56N	90 32E	3010	10	520	QUATERNARY		-	-	-	4-70	C	C	C	N
217A- 2		8 56N	90 32E	3010	19	650	QUATERNARY	UPPER PLIOCENE	-	-	-	55-73	C	A	R	N
217A- 3		8 56N	90 32E	3010	29	530	QUATERNARY		-	-	-	59-63	C	A	R	N
217A- 4		8 56N	90 32E	3010	38	470	UPPER PLIOCENE		-	-	-	50-69	C	A	R	N
217A- 5		8 56N	90 32E	3010	550	340			-	-	-	-				
217A- 7		8 56N	90 32E	3010	559	250			-	-	-	-				
217A- 8		8 56N	90 32E	3010	578	140			-	-	-	-				
217A- 9		8 56N	90 32E	3010	588	10			-	-	-	-				
217A- 10		8 56N	90 32E	3010	597	240			-	-	-	-				
217A- 11		8 56N	90 32E	3010	607	10			-	-	-	-				
217A- 12		8 56N	90 32E	3010	616	180			-	-	-	-	N	N	N	N
217A- 13		8 56N	90 32E	3010	626	100	CAMPANIAN		-	-	-	-	R	N	N	N
217A- 14		8 56N	90 32E	3010	635	180	CAMPANIAN		-	-	-	-	R	R	N	N
217A- 15		8 56N	90 32E	3010	645	110			-	-	-	-	N	N	N	N
217A- 16		8 56N	90 32E	3010	654	40			-	-	-	-	N	N	N	N
217A- 17		8 56N	90 32E	3010	664	130			-	-	-	-	N	N	N	N
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218 - 1		8 0N	86 17E	3749	4	150	PLEISTOCENE		-	-	-	-	C	C	R	N
218 - 2		8 0N	86 17E	3749	14	810	PLEISTOCENE		0-41	21-48	12-79	3-49	R	R	R	N
218 - 3		8 0N	86 17E	3749	23	240	PLEISTOCENE		39-	49-	12-	4-4	R	R	R	N
218 - 4		8 0N	86 17E	3749	51	230	PLEISTOCENE		-	-	-	5-24	R	R	R	N
218 - 5		8 0N	86 17E	3749	80	420	PLEISTOCENE		0-0	35-36	63-65	3-5	R	C	R	N
218 - 6		8 0N	86 17E	3749	118	200	PLEISTOCENE		5-	42-	53-	33-37	R	C	R	N
218 - 7		8 0N	86 17E	3749	156	10	PLEISTOCENE		-	-	-	-	R	R	N	N
218 - 8		8 0N	86 17E	3749	194	420	PLEISTOCENE		27-	63-	10-	10-38	R	C	R	C
218 - 9		8 0N	86 17E	3749	232	60			-	-	-	-	R	R	N	N
218 - 10		8 0N	86 17E	3749	270	90	LOWER PLIOCENE		63-	33-	4-	-	R	C	N	N
218 - 11		8 0N	86 17E	3749	308	180	LOWER PLIOCENE		10-	62-	28-	-	R	C	N	N
218 - 12		8 0N	86 17E	3749	346	30	UPPER MIOCENE		-	-	-	-	R	R	R	N
218 - 13		8 0N	86 17E	3749	384	240	UPPER MIOCENE		-	-	-	-	R	C	N	N
218 - 14		8 0N	86 17E	3749	422	80	UPPER MIOCENE		34-	53-	13-	-	C	C	N	N
218 - 15		8 0N	86 17E	3749	460	130	UPPER MIOCENE		-	-	-	-	R	R	N	N
218 - 16		8 0N	86 17E	3749	469	180	UPPER MIOCENE		-	-	-	-	R	C	N	N
218 - 17		8 0N	86 17E	3749	479	330	UPPER MIOCENE		0-37	12-50	13-88	-	R	R	R	N
218 - 18		8 0N	86 17E	3749	488	110	UPPER MIOCENE		-	-	-	-	R	R	N	N
218 - 19		8 0N	86 17E	3749	498	200	UPPER MIOCENE		0-	12-	88-	-	R	R	R	N
218 - 20		8 0N	86 17E	3749	507	120	UPPER MIOCENE		0-	24-	76-	-	R	R	N	N
218 - 21		8 0N	86 17E	3749	545	290	UPPER MIOCENE		0-	62-	38-	-	R	R	N	N
218 - 22		8 0N	86 17E	3749	583	290	UPPER MIOCENE		4-	52-	45-	-	R	R	N	N
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218 - 23		8 0N	86 17E	3749	621	300	UPPER MIOCENE		0-0	18-34	66-82	-	R	R	N	N
218 - 24		8 0N	86 17E	3749	659	210	UPPER MIOCENE		12-	41-	47-	-	R	R	N	N
218 - 25		8 0N	86 17E	3749	697	170	MIDDLE MIOCENE		0-	64-	36-	-	R	R	N	N
218 - 26		8 0N	86 17E	3749	735	220	MIDDLE MIOCENE		0-	21-	79-	-	R	R	N	N
218 - 27		8 0N	86 17E	3749	773	230	MIDDLE MIOCENE		8-	54-	38-	-	R	N	N	N
<hr/>																
219 - 1		9 2N	72 53E	1764	6	560	UPPER PLEISTOCENE	LOWER PLEISTOCENE	3-12	34-42	50-63	52-71	C	A	N	R
219 - 2		9 2N	72 53E	1764	15	730	LOWER PLEISTOCENE		4-14	32-65	21-65	58-75	C	D	N	R
219 - 3		9 2N	72 53E	1764	24	550	LOWER PLEISTOCENE		1-23	22-35	45-77	56-65	C	A	N	R



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	MICARB CHALK, BIOMICRITE	217 -	30
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	MICARB CHALK, BIOMICRITE	217 -	31
-	-	-	-	-	-	-	R	N	NONE	BEDDED	MODERATE	SI RICH MICARB CHALK	217 -	32
0-	0-	0-	0-	0-	0-	15-	N	N	NONE	BEDDED	MODERATE	SI RICH MICARB CHALK	217 -	33
-	-	-	-	-	-	-	R	N	NONE	BEDDED	SLIGHT	SI CLAY RICH MICARB CHALK	217 -	34
-	-	-	-	-	-	-	R	N	MODERATE	BEDDED	SLIGHT	SI BEARING CLAY RICH L/S	217 -	35
0-	1-	0-	0-	0-	0-	8-	R	N	NONE	BEDDED	NONE	MICARB CHALK, BIOMIC., DOLO.	217 -	36
-	-	-	-	-	-	-	R	N	NONE	BEDDED	NONE	DOLO., CHALK	217 -	37
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	FORAM RICH CLAY NANNO OOZE	217A-	1
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	FORAM BRG CLAY NANNO OOZE	217A-	2
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	FORAM RICH CLAY, NANNO OOZE	217A-	3
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	FORAM RICH CLAY, NANNO OOZE	217A-	4
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	217A-	5
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	217A-	7
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	217A-	8
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	217A-	9
-	-	-	-	-	-	-	-	-	-	-	-	NOT DESCRIBED	217A-	10
-	-	-	-	-	-	-	N	R	NONE	BEDDED	NONE	MICRITE, DOLOMITE	217A-	12
-	-	-	-	-	-	-	N	R	NONE	NONE	NONE	CHERT, MICRITE, DOLOMITE	217A-	13
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	CLAYSTN, MICRITE, DOLOMITE	217A-	14
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	CHERT, CLAYSTN, DOLOMITE	217A-	15
-	-	-	-	-	-	-	R	N	NONE	BEDDED	NONE	DOLOMITE, CHERT	217A-	16
-	-	-	-	-	-	-	R	N	NONE	BEDDED	NONE	CLAYSTN, CHERT, DOLOMITE	217A-	17
0-0	19-21	3-3	6-8	50-65	0-1	0-2	N	C	GREAT	NONE	SLIGHT	FE. OX. NANNO OOZE	218 -	1
0-	24-	3-	8-	60-	0-	0-	N	R	MODERATE	BEDDED	SLIGHT	NANNO OOZE, CLAYEY SILT	218 -	2
0-	23-	3-	7-	61-	0-	0-	N	N	MODERATE	NONE	SLIGHT	CLAYEY SILT	218 -	3
0-0	22-26	0-4	6-7	60-61	0-0	0-0	N	N	MODERATE	NONE	SLIGHT	SILT MOTTLED w/NANNO OOZE	218 -	4
0-0	4-14	0-0	1-3	4-21	2-3	2-8	N	N	SLIGHT	NONE	NONE	SILTYSAND, SILT, NANNO OOZE	218 -	5
0-0	22-30	0-3	4-10	24-53	2-3	4-5	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE, SILTY CLAY	218 -	6
0-	26-	3-	7-	55-	1-	0-	N	N	MODERATE	NONE	NONE	CLAYEY SILT	218 -	7
-	-	-	-	-	-	-	N	N	NONE	GRADED	NONE	NANNO OOZE, SILTY CLAY	218 -	8
0-	37-	12-	14-	34-	0-	0-	N	R	NONE	NONE	NONE	SAND, SILT, NANNO OOZE	218 -	9
0-0	12-24	2-3	2-8	30-49	0-1	2-5	N	N	NONE	GRADED	SLIGHT	SAND, SILT, NANNO OOZE	218 -	10
0-	19-	2-	5-	42-	0-	2-	N	N	NONE	GRADED	SLIGHT	SAND, SILTY CLAY, NANNO OOZE	218 -	11
0-0	21-22	0-3	3-5	55-63	0-0	0-0	N	N	NONE	GRADED	NONE	CLAYEY SILT, SILTY CLAY,	218 -	12
0-0	22-30	2-4	6-11	45-57	0-0	0-3	N	R	MODERATE	NONE	NONE	CLAYEY SILT, NANNO OOZE	218 -	13
0-	24-	0-	6-	53-	3-	2-	N	N	NONE	BEDDED	NONE	CLAYEY SILT, SANDY SILT, SILT	218 -	14
0-	23-	0-	6-	45-	0-	1-	N	N	NONE	BEDDED	MODERATE	SILT, CLAY RICH NANNO OOZE	218 -	15
0-	24-	1-	5-	51-	2-	1-	N	N	NONE	BEDDED	MODERATE	CLAY, NANNO OOZE, SILT	218 -	16
0-	27-	3-	5-	52-	0-	3-	N	N	NONE	GRADED	NONE	CLAYEY SILT, SANDY SILT	218 -	17
0-0	25-26	2-2	6-6	52-53	0-0	0-1	N	R	NONE	BEDDED	NONE	SILT, CLAYEY SILT, SANDY SILT	218 -	18
0-0	25-31	3-3	6-12	42-51	0-0	0-0	N	N	NONE	BEDDED	NONE	SILT, FINE SAND, CLAYEY SILT	218 -	19
0-0	21-23	2-3	5-8	27-52	0-6	1-32	N	N	NONE	GRADED	NONE	SANDY SILT, CLAYEY SILT	218 -	20
0-0	24-30	2-4	6-11	39-47	0-3	0-14	N	N	NONE	GRADED	NONE	SANDY SILT, CLAYEY SILT	218 -	21
0-0	27-33	2-3	8-9	46-48	0-0	0-2	N	N	SLIGHT	BEDDED	NONE	SILT, CHALK	218 -	22
0-0	22-31	3-3	4-12	41-54	0-0	0-0	R	N	NONE	GRADED	NONE	SILT, CLAYEY SILT, SANDY SILT	218 -	23
0-0	25-31	2-3	6-8	44-50	0-0	0-2	N	N	NONE	GRADED	NONE	CLAYEY SILT, SANDY SILT	218 -	24
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	FORAM RICH NANNO OOZE	219 -	1
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	MODERATE	FORAM RICH NANNO OOZE	219 -	2
-	-	-	-	-	-	-	R	N	MODERATE	NONE	MODERATE	DET SILTY CLAY NANNO OOZE	219 -	3

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
219 - 4		9 2N	72 53E	1764	33	820	LOWER PLEISTOCENE	UPPER PLIOCENE	0- 9	33-38	53-67	61-67	C A N N				
219 - 5		9 2N	72 53E	1764	42	440	UPPER PLIOCENE		9-	33-	58-	62-	C A N N				
219 - 6		9 2N	72 53E	1764	51	900	UPPER PLIOCENE	LOWER PLIOCENE	3-	35-	62-	64-	C A N N				
219 - 7		9 2N	72 53E	1764	60	800	LOWER PLIOCENE		3-	27-	70-	66-	C A N N				
219 - 8		9 2N	72 53E	1764	69	780	LOWER PLIOCENE	UPPER MIOCENE	4-	27-	69-	71-	C D N N				
219 - 9		9 2N	72 53E	1764	78	880	UPPER MIOCENE	MIDDLE MIOCENE	2-	27-	71-	74-	C A N N				
219 - 10		9 2N	72 53E	1764	82	930	UPPER MIOCENE	MIDDLE MIOCENE	2-	29-	70-	74-	C A N N				
219 - 11		9 2N	72 53E	1764	91	880	UPPER MIOCENE	MIDDLE MIOCENE	4-	32-	64-	76-	C A N N				
219 - 12		9 2N	72 53E	1764	100	860	UPPER MIOCENE	MIDDLE MIOCENE	2-	23-	75-	75-	C D N N				
219 - 13		9 2N	72 53E	1764	128	900	MIDDLE MIOCENE	LOWER MIOCENE	24-	43-	34-	86-	D C N N				
219 - 14		9 2N	72 53E	1764	137	840	LOWER MIOCENE		32-	49-	19-	93-	D R N N				
219 - 15		9 2N	72 53E	1764	165	940	MIDDLE OLIGOCENE		17-	54-	29-	92-	C A N N				
219 - 16		9 2N	72 53E	1764	174	900	LOWER OLIGOCENE		7-	58-	35-	92-	C A N N				
219 - 17		9 2N	72 53E	1764	183	750	UPPER EOCENE		1-	54-	45-	87-	C A N N				
219 - 18		9 2N	72 53E	1764	192	930	UPPER EOCENE	MIDDLE EOCENE	6-	54-	41-	85-	R A C N				
219 - 19		9 2N	72 53E	1764	201	940	MIDDLE EOCENE		12-	49-	39-	84-	C A C N				
219 - 20		9 2N	72 53E	1764	210	800	MIDDLE EOCENE		7-	45-	48-	73-	C C C N				
219 - 21		9 2N	72 53E	1764	219	530	MIDDLE EOCENE		9-	49-	42-	71-	R C C N				
219 - 22		9 2N	72 53E	1764	228	10	MIDDLE EOCENE		-	-	-	-	N N N N				
219 - 23		9 2N	72 53E	1764	237	10	MIDDLE EOCENE		-	-	-	-	N N N N				
219 - 24		9 2N	72 53E	1764	246	10	MIDDLE EOCENE		-	-	-	-	R C R N				
219 - 25		9 2N	72 53E	1764	255	50	LOWER EOCENE		-	-	-	-	D C N N				
219 - 26		9 2N	72 53E	1764	264	150	LOWER EOCENE		-	-	-	-	A N N N				
219 - 27		9 2N	72 53E	1764	273	390	UPPER PALEOCENE		-	-	-	-	D N N N				
219 - 28		9 2N	72 53E	1764	273	10	UPPER PALEOCENE		-	-	-	-	D N N N				
219A- 1		9 2N	72 53E	1764	290	510			-	-	-	-	C D C N				
219A- 2		9 2N	72 53E	1764	299	0			-	-	-	-					
219A- 3		9 2N	72 53E	1764	308	220	UPPER PALEOCENE		-	-	-	-	R R N N				
219A- 4		9 2N	72 53E	1764	317	470	UPPER PALEOCENE		-	-	-	86-	R R N N				
219A- 5		9 2N	72 53E	1764	326	200	UPPER PALEOCENE		-	-	-	75-	R R N N				
219A- 6		9 2N	72 53E	1764	335	240	UPPER PALEOCENE		-	-	-	73-	R R N N				
219A- 7		9 2N	72 53E	1764	344	360	UPPER PALEOCENE		-	-	-	58-	N R N N				
219A- 8		9 2N	72 53E	1764	353	680	UPPER PALEOCENE		-	-	-	22-	R R N N				
219A- 9		9 2N	72 53E	1764	362	620	UPPER PALEOCENE		-	-	-	-	R R N N				
219A- 10		9 2N	72 53E	1764	371	390	UPPER PALEOCENE		-	-	-	-	N R N N				
219A- 11		9 2N	72 53E	1764	380	430			-	-	-	2-	N N N N				
219A- 12		9 2N	72 53E	1764	387	630	UPPER PALEOCENE		-	-	-	-	R R N N				
219A- 13		9 2N	72 53E	1764	396	220	UPPER PALEOCENE		-	-	-	1-	N N N N				
219A- 14		9 2N	72 53E	1764	411	600	UPPER PALEOCENE		22-	33-	45-	37-	R R N N				
220 - 1		6 31N	70 59E	4036	9	850	UPPER PLEISTOCENE	LOWER PLEISTOCENE	3- 5	25-39	56-73	52-67	C A R R				
220 - 2		6 31N	70 59E	4036	18	450	LOWER PLEISTOCENE	UPPER PLIOCENE	2-	18-	80-	42-	R A N R				
220 - 3		6 31N	70 59E	4036	27	0	LOWER PLIOCENE		-	-	-	-	R A R R				
220 - 4		6 31N	70 59E	4036	36	700	LOWER PLIOCENE	MIDDLE MIOCENE	0-	20-	80-	34-	R A N R				
220 - 5		6 31N	70 59E	4036	45	640	MIDDLE MIOCENE		0-	18-	82-	66-	R A R R				
220 - 6		6 31N	70 59E	4036	102	940	UPPER OLIGOCENE		2-	36-	62-	91-	R A C N				
220 - 7		6 31N	70 59E	4036	111	930	UPPER OLIGOCENE		1-	45-	54-	91-	R A C N				
220 - 8		6 31N	70 59E	4036	120	620	UPPER OLIGOCENE		16-	41-	44-	91-	R A C C				
220 - 9		6 31N	70 59E	4036	159	560	MIDDLE OLIGOCENE		0-	30-	70-	90-	R A C N				
220 - 10		6 31N	70 59E	4036	168	280	MIDDLE OLIGOCENE		0-	48-	52-	88-	R A C N				
220 - 11		6 31N	70 59E	4036	207	150	UPPER EOCENE		4-	48-	49-	87-	N A C C				
220 - 12		6 31N	70 59E	4036	241	730	MIDDLE EOCENE		11-	45-	44-	73-	R A C N				
220 - 13		6 31N	70 59E	4036	250	560	MIDDLE EOCENE		15-	44-	42-	69-	R A C C				
220 - 14		6 31N	70 59E	4036	259	450	MIDDLE EOCENE		6-	48-	46-	69-71	R A C C				
220 - 15		6 31N	70 59E	4036	268	800	MIDDLE EOCENE		11-	45-	45-	70-	R A C R				
220 - 16		6 31N	70 59E	4036	297	200	LOWER EOCENE		-	-	-	68-	R A C R				
220 - 17		6 31N	70 59E	4036	306	150	LOWER EOCENE		8-	46-	46-	82	R D R R				

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	DET SILTY CLAY NANNO OOZE	219 -	4
-	-	-	-	-	-	-	N	N	GREAT	NONE	SLIGHT	DET SILTY CLAY NANNO OOZE	219 -	5
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	DET SILTY CLAY NANNO OOZE	219 -	6
-	-	-	-	-	-	-	N	N	GREAT	NONE	SLIGHT	DET SILTY CLAY NANNO OOZE	219 -	7
0-	4-	0-	1-	3-	0-	0-	N	N	GREAT	NONE	SLIGHT	DET SILTY CLAY NANNO OOZE	219 -	8
-	-	-	-	-	-	-	N	N	GREAT	NONE	MODERATE	DET SILTY CLAY NANNO OOZE	219 -	9
-	-	-	-	-	-	-	A	N	GREAT	NONE	MODERATE	DET SILTY CLAY NANNO OOZE	219 -	10
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	DET SILTY CLAY NANNO OOZE	219 -	11
-	-	-	-	-	-	-	R	N	MODERATE	NONE	MODERATE	FORAM CLAY RICH NANNO OOZE	219 -	12
0-	1-	0-	0-	2-	0-	0-	N	N	MODERATE	NONE	NONE	NANNO RICH FORAM CHALK	219 -	13
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	FORAM OOZE/CHALK	219 -	14
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	FORAM NANNO MIC OOZE/CHALK	219 -	15
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	FORAM NANNO MIC OOZE/CHALK	219 -	16
0-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	NONE	FORAM RICH MIC OOZE/CHALK	219 -	17
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	RAD MICARB NANNO OOZE/CHALK	219 -	18
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	RAD MICARB NANNO OOZE/CHALK	219 -	19
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	RAD MICARB NANNO OOZE/CHALK	219 -	20
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO RAD MICARB OOZE	219 -	21
-	-	-	-	-	-	-	N	N				CHERT	219 -	22
-	-	-	-	-	-	-	N	N				L/S,CHERT	219 -	23
-	-	-	-	-	-	-	N	N				L/S,NANNO OOZE	219 -	24
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	ZEOL MIC RICH FORAM CHALK	219 -	25
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	MICARB FORAM CHALK	219 -	26
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	MICARB FORAM CHALK	219 -	27
-	-	-	-	-	-	-	N	N				L/S,CHERT	219 -	28
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	FORAM RAD RICH NANNO OOZE	219A-	1
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	L/S	219A-	2
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	L/S	219A-	3
1-	0-	0-	8-	0-	0-	0-	N	N	MODERATE	NONE	NONE	GLAUC. RICH L/S	219A-	4
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	NONE	CALC.GLAUC S/S,L/S	219A-	5
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	MODERATE	CALC. GLAUC S/S	219A-	6
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	S/S,SILTY S/S,SILTSTN	219A-	7
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	NONE	GLAUC BRG SILTSTN AND S/S	219A-	8
-	-	-	-	-	-	-	N	N	MODERATE	BEDDED	NONE	SILTSTN,CLAYSTN	219A-	9
15-	0-	0-	33-	0-	0-	49-	N	N	NONE	NONE	NONE	CLAYEY SILTSTN	219A-	10
13-	0-	0-	12-	0-	0-	64-	N	N	NONE	NONE	MODERATE	SILTSTN,S/S,CLAYSTN	219A-	11
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	SILTSTN,S/S,CLAYSTN	219A-	12
-	-	-	-	-	-	-	N	N	NONE	GRADED	MODERATE	SILTSTN,S/S,CLAYSTN	219A-	13
-	-	-	-	-	-	-	N	N				SILTSTN,S/S,CLAYSTN	219A-	14
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	FORAM RICH CLAY NANNO OOZE	220 -	1
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO DET. CLAY	220 -	2
-	-	-	-	-	-	-	N	N				NANNO DET. CLAY	220 -	3
0-	17-	3-	6-	16-	2-	5-	N	N	MODERATE	NONE	SLIGHT	NANNO DET. CLAY	220 -	4
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	CLAY NANNO OOZE	220 -	5
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	220 -	6
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	NONE	NANNO OOZE	220 -	7
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	220 -	8
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE AND CHALK	220 -	9
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO CHALK	220 -	10
-	-	-	-	-	-	-	N	N				NANNO CHALK	220 -	11
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	SLIGHT	NANNO CHALK OOZE WITH CHERT	220 -	12
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	RAD SPIC NANNO OOZE/CHALK	220 -	13
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	RAD SPIC NANNO OOZE/CHALK	220 -	14
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	RAD SPIC NANNO OOZE/CHALK	220 -	15
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	RAD SPIC NANNO OOZE/CHALK	220 -	16
3-	0-	0-	0-	0-	0-	0-	N	N	SLIGHT	NONE	NONE	MICARB NANNO CHALK & CHERT	220 -	17

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSSILS	PYROCLASTICS
220	- 18	6 31N	70 59E	4036	330	490	LOWER EOCENE		-	-	-	64-	C A R R	R			
220	- 19	6 31N	70 59E	4036	335	250	LOWER EOCENE		-	-	-	-	R R R N	N			
220	- 20	6 31N	70 59E	4036	344	50			-	-	-	-	N R R N	N			
220	- 21	6 31N	70 59E	4036	350	290			-	-	-	-	N N N N	N			
221	- 1	7 58N	68 24E	4650	8	15	UPPER PLEISTOCENE		-	-	-	-	N A N N	R			
221	- 2	7 58N	68 24E	4650	17	15	UPPER PLEISTOCENE		-	-	-	-	R C N N	N			
221	- 3	7 58N	68 24E	4650	26	15	UPPER PLEISTOCENE		-	-	-	-	N R R R	N			
221	- 4	7 58N	68 24E	4650	55	20	UPPER PLEISTOCENE		-	-	-	-	R C N N	N			
221	- 5	7 58N	68 24E	4650	64	480	UPPER PLEISTOCENE		-	-	-	58-64	R A N N	N			
221	- 6	7 58N	68 24E	4650	73	890	UPPER PLEISTOCENE		-	-	-	40-	R C N N	N			
221	- 7	7 58N	68 24E	4650	82	10	LOWER PLEISTOCENE		-	-	-	-	N R R N	N			
221	- 8	7 58N	68 24E	4650	91	290	LOWER PLEISTOCENE		0- 9	62-70	21-38	11-14	N R R N	N			
221	- 9	7 58N	68 24E	4650	100	850	LOWER PLEISTOCENE		-	-	-	12-33	R C N N	N			
221	- 10	7 58N	68 24E	4650	109	810	LOWER PLEISTOCENE		0- 0	37-67	34-63	54-79	R A N N	N			
221	- 11	7 58N	68 24E	4650	118	220	UPPER PLEIOCENE		-	-	-	50-	N A N N	N			
221	- 12	7 58N	68 24E	4650	127	370	PLIOCENE	MIOCENE	0- 19	19-69	12-81	11-15	N R R R	N			
221	- 13	7 58N	68 24E	4650	136	10	PLIOCENE	MIOCENE	-	-	-	-	N R R R	N			
221	- 14	7 58N	68 24E	4650	145	900	PLIOCENE	MIOCENE	-	-	-	-	N R R N	N			
221	- 15	7 58N	68 24E	4650	154	600	PLIOCENE	MIOCENE	-	-	-	-	N R R N	N			
221	- 16	7 58N	68 24E	4650	176	630	UPPER OLIGOCENE		1-	5-	94-	0-90	N A N N	N			
221	- 17	7 58N	68 24E	4650	224	200	UPPER OLIGOCENE	MIDDLE OLIGOCENE	0-	33-	67-	83-	R D N N	N			
221	- 18	7 58N	68 24E	4650	261	880	UPPER EOCENE	MIDDLE EOCENE	0-	61-	39-	78-	R A C R	R			
221	- 19	7 58N	68 24E	4650	270	490			-	-	-	-	N N N N	N			
222	- 1	20 5N	61 31E	3546	7	600	PLEISTOCENE		2-	37-	61-	47-	R A R R	N			
222	- 2	20 5N	61 31E	3546	62	110	PLEISTOCENE		1-	40-	60-	58-	R C R R	N			
222	- 3	20 5N	61 31E	3546	110	530	UPPER PLEIOCENE		1-	36-	63-	23-	R R R R	N			
222	- 4	20 5N	61 31E	3546	128	120	UPPER PLEIOCENE		0-	32-	68-	13-	R R R R	N			
222	- 5	20 5N	61 31E	3546	137	840	UPPER PLEIOCENE		0-	36-	64-	14-	R R R R	N			
222	- 6	20 5N	61 31E	3546	146	460	UPPER PLEIOCENE		0- 2	39-95	3-61	11-15	R R R N	N			
222	- 7	20 5N	61 31E	3546	155	190	UPPER PLEIOCENE		0-	47-	53-	13-	R R R R	N			
222	- 8	20 5N	61 31E	3546	193	700	UPPER PLEIOCENE		0- 0	33-91	9-67	12-15	R R R R	R			
222	- 9	20 5N	61 31E	3546	222	450	UPPER PLEIOCENE		41-	41-	18-	12-16	R R R N	R			
222	- 10	20 5N	61 31E	3546	270	0	UPPER PLEIOCENE		-	-	-	-	R R R N	N			
222	- 11	20 5N	61 31E	3546	316	170	UPPER PLEIOCENE		0-	40-	60-	15-	R R R N	N			
222	- 12	20 5N	61 31E	3546	362	300	UPPER PLEIOCENE	LOWER PLEIOCENE	0- 0	39-45	55-61	12-	R C N N	N			
222	- 13	20 5N	61 31E	3546	408	590	LOWER PLEIOCENE		0- 0	31-37	63-69	13-	R R R N	N			
222	- 14	20 5N	61 31E	3546	417	460	LOWER PLEIOCENE		0-	68-	32-	17-	R R R N	N			
222	- 15	20 5N	61 31E	3546	436	180	LOWER PLEIOCENE		0-	46-	55-	15-	R R R N	N			
222	- 16	20 5N	61 31E	3546	454	150	LOWER PLEIOCENE		0-	37-	63-	16-	R R R N	N			
222	- 17	20 5N	61 31E	3546	472	30	LOWER PLEIOCENE		-	-	-	-	R R R N	R			
222	- 18	20 5N	61 31E	3546	501	230	LOWER PLEIOCENE		0-	27-	73-	10-	R R R R	R			
222	- 19	20 5N	61 31E	3546	549	400	LOWER PLEIOCENE		0-	23-	77-	18-	R R R N	N			
222	- 20	20 5N	61 31E	3546	591	550	LOWER PLEIOCENE		0- 0	30-38	62-70	14-24	R C N N	N			
222	- 21	20 5N	61 31E	3546	643	570	LOWER PLEIOCENE		0-	34-	66-	18-	R R R N	R			
222	- 22	20 5N	61 31E	3546	699	940	LOWER PLEIOCENE	UPPER MIOCENE	0- 1	24-36	64-76	16-55	R C N R	R			
222	- 23	20 5N	61 31E	3546	756	580	UPPER MIOCENE		0- 0	29-49	51-70	16-53	R A N R	R			
222	- 24	20 5N	61 31E	3546	813	560	UPPER MIOCENE		0-	35-	65-	16-	R R R N	R			
222	- 25	20 5N	61 31E	3546	870	940	UPPER MIOCENE		13-	63-	25-	16-	R R R N	N			
222	- 26	20 5N	61 31E	3546	925	10	UPPER MIOCENE		-	-	-	-	R A N N	N			
222	- 27	20 5N	61 31E	3546	934	250	UPPER MIOCENE		0-	26-	74-	15-	R R R N	N			
222	- 28	20 5N	61 31E	3546	991	700	UPPER MIOCENE		0-	54-	46-	14-18	R R R N	R			
222	- 29	20 5N	61 31E	3546	1050	940	UPPER MIOCENE		0-	25-	76-	16-	R C N N	R			
222	- 30	20 5N	61 31E	3546	1106	30	UPPER MIOCENE		-	-	-	-	R R R N	N			
222	- 31	20 5N	61 31E	3546	1135	950	UPPER MIOCENE		0-	38-	62-	13-	R A N R	R			
222	- 32	20 5N	61 31E	3546	1169	950	UPPER MIOCENE		0- 0	38-38	62-63	12-14	R C N R	R			
222	- 33	20 5N	61 31E	3546	1220	840	UPPER MIOCENE		0-	31-	69-	14-	R R R N	R			

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	MICARB NANNO CHK&CHT, BASALT	220 - 18	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	MICARB NANNO CHK&CHT, BASALT	220 - 19	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT, CALC. CHALK	220 - 20	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	220 - 21	
-	-	-	-	-	-	-	N	N				CARB SILTY CLAY NANNO OOZE	221 - 1	
-	-	-	-	-	-	-	N	N				CARB RICH DET SILTY SAND	221 - 2	
-	-	-	-	-	-	-	N	N				CARB RICH DET SILTY SAND	221 - 3	
-	-	-	-	-	-	-	N	N				SILTY SAND	221 - 4	
1-	6-	0-	3-	14-	0-	0-	N	N	NONE	NONE	SLIGHT	DET SILTY NANNO OOZE	221 - 5	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO DET. CLAY	221 - 6	
-	-	-	-	-	-	-	N	N				DET. SILTY CLAY	221 - 7	
0-0	20-22	2-5	6-10	48-54	0-0	0-0	N	N	MODERATE	GRADED	NONE	DET. SILTY CLAY	221 - 8	
0-0	4-4	0-0	1-1	7-8	0-0	0-0	N	N	GREAT	GRADED	SLIGHT	NANNO DET. CLAY	221 - 9	
0-0	21-22	0-1	4-5	51-51	0-0	0-0	N	N	MODERATE	GRADED	SLIGHT	CARB RICH DET CLAY NAN OOZE	221 - 10	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	CARB. RICH DET. CLAY	221 - 11	
-	-	-	-	-	-	-	N	N	SLIGHT	GRADED	NONE	CARB. RICH DET. CLAY	221 - 12	
-	-	-	-	-	-	-	N	N				CARB. RICH DET. CLAY	221 - 13	
-	-	-	-	-	-	-	N	R	GREAT	NONE	NONE	CLAY	221 - 14	
-	-	-	-	-	-	-	N	R	NONE	NONE	SLIGHT	CLAY, SILTY SAND	221 - 15	
5-	1-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	CLAY, MICARB RICH NANNO OOZE	221 - 16	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	MICARB RICH NANNO CHALK	221 - 17	
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	MICARB NANNO CHALK	221 - 18	
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	THOLEIITIC BASALT	221 - 19	
0-	14-	1-	7-	10-	0-	0-	R	N	GREAT	NONE	NONE	DET SILTY CLAY NANNO OOZE	222 - 1	
0-	21-	0-	12-	19-	0-	4-	R	N	GREAT	NONE	NONE	NANNO RICH CARB SILTY CLAY	222 - 2	
0-	24-	0-	6-	48-	0-	0-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 3	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 4	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 5	
0-	27-	0-	8-	44-	0-	0-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 6	
0-	24-	2-	9-	46-	0-	0-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 7	
0-0	24-28	2-2	8-13	40-44	0-0	0-0	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 8	
-	-	-	-	-	-	-	N	N	SLIGHT	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 9	
-	-	-	-	-	-	-	N	N				CARB RICH DET SILTY CLAY	222 - 10	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 11	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 12	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 13	
-	-	-	-	-	-	-	N	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 14	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 15	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 16	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 17	
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	NONE	CARB RICH DET SILTY CLAY	222 - 18	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 19	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 20	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	CARB RICH DET SILTY CLAY	222 - 21	
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	CARB RICH DET SILTY CLAY	222 - 22	
0-	16-	0-	5-	17-	0-	0-	R	N	NONE	GRADED	NONE	CARB RICH NANNO SILTY CLAY	222 - 23	
0-	31-	0-	9-	30-	0-	0-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 24	
-	-	-	-	-	-	-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 25	
-	-	-	-	-	-	-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 26	
-	-	-	-	-	-	-	R	N	SLIGHT	BEDDED	NONE	CARB RICH DET SILTY CLAY	222 - 27	
0-	27-	3-	8-	31-	4-	2-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAY	222 - 28	
-	-	-	-	-	-	-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAYSTN	222 - 29	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	CARB RICH DET SILTY CLAYSTN	222 - 30	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	CARB RICH DET SILTY CLAYSTN	222 - 31	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	GREAT	CARB RICH DET SILTY CLAYSTN	222 - 32	
-	-	-	-	-	-	-	R	N	NONE	NONE	SLIGHT	CARB RICH DET SILTY CLAYSTN	222 - 33	

MGG15055019

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOS.	PYROCLASTICS
222 - 34		20 5N	61 31E	3546	1267	940	UPPER MIOCENE		-	-	-	16-	R	R	N	N	
222 - 35		20 5N	61 31E	3546	1295	950	UPPER MIOCENE		0-	49-	51-	9-	N	C	N	N	
222 - 36		20 5N	61 31E	3546	1300	360	UPPER MIOCENE		0-	42-	58-	16-	R	R	N	N	
223 - 1		18 45N	60 8E	3633	9	410	UPPER PLEISTOCENE		4-	48-	48-	61-	C	A	C	N	
223 - 2		18 45N	60 8E	3633	37	790	LOWER PLEISTOCENE		1-54	34-73	8-53	50-61	C	D	C	N	
223 - 3		18 45N	60 8E	3633	94	50	LOWER PLEISTOCENE		-	-	-	-	R	A	C	N	
223 - 4		18 45N	60 8E	3633	150	810	UPPER PLEISTOCENE		1-	63-	36-	21-	R	A	C	N	
223 - 5		18 45N	60 8E	3633	159	850	LOWER PLEISTOCENE		1-	55-	44-	26-	R	A	C	N	
223 - 6		18 45N	60 8E	3633	177	620	LOWER PLEISTOCENE		1-	60-	39-	25-	R	A	C	N	
223 - 7		18 45N	60 8E	3633	233	920	UPPER MIOCENE		1-	26-	73-	68-	R	A	R	N	
223 - 8		18 45N	60 8E	3633	257	270	UPPER MIOCENE		-	-	-	-	R	A	C	N	
223 - 9		18 45N	60 8E	3633	280	930	UPPER MIOCENE		1-	48-	51-	55-	R	A	C	N	
223 - 10		18 45N	60 8E	3633	299	280	UPPER MIOCENE		1-	48-	51-	52-	R	A	C	N	
223 - 11		18 45N	60 8E	3633	318	930	UPPER MIOCENE		1-	51-	48-	34-	R	A	C	N	
223 - 12		18 45N	60 8E	3633	337	810	UPPER MIOCENE		1-	41-	58-	47-	R	A	C	N	
223 - 13		18 45N	60 8E	3633	356	310	UPPER MIOCENE		1-	54-	45-	19-	R	A	C	N	
223 - 14		18 45N	60 8E	3633	375	840	UPPER MIOCENE		1-	44-	56-	5-83	R	C	C	N	
223 - 15		18 45N	60 8E	3633	384	250	UPPER MIOCENE		1-	52-	47-	17-	R	C	C	N	
223 - 16		18 45N	60 8E	3633	393	800	UPPER MIOCENE		1-	32-	67-	58-	R	C	C	N	
223 - 17		18 45N	60 8E	3633	402	700	UPPER MIOCENE		0-	52-	48-	26-	R	C	C	N	
223 - 18		18 45N	60 8E	3633	411	900	UPPER MIOCENE	MIDDLE MIOCENE	0-	30-	70-	-	R	C	A	N	
223 - 19		18 45N	60 8E	3633	420	810	MIDDLE MIOCENE		0-27	47-85	14-53	13-28	R	C	C	N	
223 - 20		18 45N	60 8E	3633	429	580	MIDDLE MIOCENE		0-	51-	49-	11-	N	C	R	N	
223 - 21		18 45N	60 8E	3633	438	100	MIDDLE MIOCENE		0-	30-	70-	18-	R	C	N	N	
223 - 22		18 45N	60 8E	3633	447	240	MIDDLE MIOCENE		0-	27-	73-	39-	R	C	N	N	
223 - 23		18 45N	60 8E	3633	460	190	MIDDLE MIOCENE		0-	35-	65-	49-	C	C	N	N	
223 - 24		18 45N	60 8E	3633	469	420	MIDDLE MIOCENE		0-	27-	73-	79-	C	C	N	N	
223 - 25		18 45N	60 8E	3633	478	220	MIDDLE MIOCENE		1-	35-	64-	72-	C	C	N	N	
223 - 26		18 45N	60 8E	3633	487	480	MIDDLE MIOCENE		0-	48-	52-	83-	R	D	N	N	
223 - 27		18 45N	60 8E	3633	496	230	LOWER MIOCENE		1-	23-	76-	33-86	R	A	N	N	
223 - 28		18 45N	60 8E	3633	505	940	UPPER OLIGOCENE		7-	48-	45-	88-89	R	A	N	N	
223 - 29		18 45N	60 8E	3633	524	940	UPPER OLIGOCENE	MIDDLE OLIGOCENE	7-	50-	43-	87-	C	D	N	N	
223 - 30		18 45N	60 8E	3633	533	940	MIDDLE OLIGOCENE		0-	42-	58-	66-	R	D	N	N	
223 - 31		18 45N	60 8E	3633	553	580	LOWER OLIGOCENE	UPPER EOCENE	14-	34-	52-	71-	C	D	N	N	
223 - 32		18 45N	60 8E	3633	572	540	UPPER EOCENE	MIDDLE EOCENE	8-	30-	62-	59-	C	A	N	N	
223 - 33		18 45N	60 8E	3633	590	160	LOWER EOCENE		2-	16-	82-	28-	C	A	N	N	
223 - 34		18 45N	60 8E	3633	599	250	MIDDLE EOCENE		1-	12-	87-	20-	R	C	N	R	
223 - 35		18 45N	60 8E	3633	618	210	MIDDLE EOCENE		2-	33-	65-	20-	N	C	N	N	
223 - 36		18 45N	60 8E	3633	637	90	LOWER EOCENE		-	-	-	-	N	A	R	N	
223 - 37		18 45N	60 8E	3633	665	110	UPPER PALEOCENE		-	-	-	-	N	C	N	N	
223 - 38		18 45N	60 8E	3633	693	70	PALEOCENE		-	-	-	-	N	N	N	R	
223 - 39		18 45N	60 8E	3633	722	310	UPPER PALEOCENE		-	-	-	-	R	N	N	A	
223 - 40		18 45N	60 8E	3633	731	300			-	-	-	-	N	N	N	A	
223 - 41		18 45N	60 8E	3633	740	190			-	-	-	-	N	N	N	A	
224 - 1		16 33N	59 42E	2500	9	0	UPPER PLEISTOCENE		-	-	-	-	C	A	C	N	
224 - 2		16 33N	59 42E	2500	103	160	UPPER MIOCENE		0-	35-	65-	64-70	R	A	C	N	
224 - 3		16 33N	59 42E	2500	259	0	MIDDLE MIOCENE		-	-	-	-	N	C	N	N	
224 - 4		16 33N	59 42E	2500	268	110	LOWER MIOCENE		0-	17-	82-	2-	N	A	N	N	
224 - 5		16 33N	59 42E	2500	359	240			0-	72-	28-	14-	N	N	N	N	
224 - 6		16 33N	59 42E	2500	462	950	UPPER OLIGOCENE		0-0	18-25	75-82	2-11	N	C	N	N	
224 - 7		16 33N	59 42E	2500	580	120	UPPER OLIGOCENE		0-	37-	63-	9-	N	R	R	N	
224 - 8		16 33N	59 42E	2500	641	950	MIDDLE OLIGOCENE		0-9	50-77	20-50	10-13	R	R	R	N	
224 - 9		16 33N	59 42E	2500	707	110	LOWER OLIGOCENE		-	-	-	59-	R	C	N	N	
224 - 10		16 33N	59 42E	2500	763	180	MIDDLE EOCENE		0-	6-	94-	1-	A	C	N	N	
224 - 11		16 33N	59 42E	2500	792	270	MIDDLE EOCENE	LOWER EOCENE	1-11	31-40	49-69	16-23	C	C	N	R	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	R	N	NONE	GRADED	NONE	CARB RICH DET SILTY CLAYSTN	222	- 34
-	-	-	-	-	-	-	R	N	NONE	BEDDED	SLIGHT	CARB RICH DET SILTY CLAYSTN	222	- 35
-	-	-	-	-	-	-	R	N	NONE	NONE	SLIGHT	CARB RICH DET SILTY CLAYSTN	222	- 36
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	SNDY SILT RICH NANNO OOZE	223	- 1
-	-	-	-	-	-	-	N	N	SLIGHT	GRADED	MODERATE	SILT CLAY RICH NANNO OOZE	223	- 2
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	MICARB SILT RICH NANNO CHLK	223	- 3
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO DET SILTSTN	223	- 4
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO DET CLAYEY SILSTN	223	- 5
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO DET CLAYEY SILSTN	223	- 6
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	NANNO DET CLAYEY SILSTN	223	- 7
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	NANNO DET CLAYEY SILSTN	223	- 8
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	NANNO DET CLAYEY SILSTN	223	- 9
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	MODERATE	DET SILTY CLAY NANNO CHLK	223	- 10
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO CLAYEY SILTSTN	223	- 11
-	-	-	-	-	-	-	C	N	NONE	BEDDED	GREAT	SILTY CLAY NANNO CHALK	223	- 12
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	GREAT	NANNO DET CLAYEY SILTSTN	223	- 13
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	GREAT	CHALK BRECCIA	223	- 14
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	GREAT	NANNO DET CLAYEY SILTSTN	223	- 15
0-	9-	0-	3-	5-	0-	0-	R	N	SLIGHT	BEDDED	GREAT	NANNO DET SILTY CLAYSTN	223	- 16
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	MODERATE	DIAT NANNO CHALK	223	- 17
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	GREAT	NANNO DIATOMITE	223	- 18
0- 0	29-32	0- 0	7-12	22-26	0- 0	0- 0	R	N	SLIGHT	BEDDED	MODERATE	NANNO SILTY CLAY RICH DIAT	223	- 19
-	-	-	-	-	-	-	R	N	NONE	BEDDED	MODERATE	NANNO DET SILTSTN	223	- 20
-	-	-	-	-	-	-	C	N	NONE	BEDDED	MODERATE	MICARB NANNO SILTY CLAYSTN	223	- 21
-	-	-	-	-	-	-	R	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 22
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 23
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 24
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 25
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 26
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	NANNO CHALK	223	- 27
-	-	-	-	-	-	-	N	N	NONE	BEDDED	SLIGHT	NANNO CHALK	223	- 28
0-	2-	1-	0-	0-	0-	5-	N	N	NONE	BEDDED	SLIGHT	NANNO CHALK	223	- 29
-	-	-	-	-	-	-	N	N	NONE	BEDDED	SLIGHT	NANNO CHALK	223	- 30
-	-	-	-	-	-	-	N	N	NONE	BEDDED	SLIGHT	NANNO CHALK	223	- 31
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	NANNO CHALK	223	- 32
1-	4-	2-	2-	2-	6-	37-	N	N	MODERATE	NONE	SLIGHT	NANNO DET CLAYSTONE	223	- 33
10-	5-	0-	1-	5-	0-	6-	N	N	MODERATE	NONE	MODERATE	NANNO DET CLAYSTONE	223	- 34
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	MICARB & ZEOL DET CLAYSTN	223	- 35
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	ZEOL & RAD DET CLAYSTONE	223	- 36
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	CLAYSTONE	223	- 37
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	MONT. CLAYSTONE	223	- 38
-	-	-	-	-	-	-	N	N				VOLC. BRECCIA	223	- 39
-	-	-	-	-	-	-	N	N				VOLC BRECCIA, TRACHYBASALT	223	- 40
-	-	-	-	-	-	-	N	N				TRACHYBASALT	223	- 41
0-	6-	0-	3-	3-	0-	0-	N	N	SLIGHT	NONE	MODERATE	SILTY CLAY RICH NANNO OOZE	224	- 1
-	-	-	-	-	-	-	N	N				CLAYEYSILT RICH NANNO CHLK	224	- 2
-	-	-	-	-	-	-	N	N				SILTY CLAY NANNOCHLK	224	- 3
0-	38-	2-	12-	27-	0-	0-	R	N	SLIGHT	NONE	MODERATE	CLAYEY SILT NANNO CHLK	224	- 4
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	NONE	DET CLAYEY SILTSTN	224	- 5
-	-	-	-	-	-	-	N	N	NONE	BEDDED	MODERATE	DET CLAYSTN	224	- 6
0- 0	27-27	2- 3	6- 6	40-42	0- 3	2- 2	N	N	NONE	BEDDED	SLIGHT	DET SILTY CLAYSTN	224	- 7
0-	2-	0-	0-	0-	1-	8-	N	N	NONE	BEDDED	NONE	CARB RICH DET SILTY CLAY	224	- 8
0-	11-	9-	9-	5-	10-	43-	N	N	NONE	BEDDED	MODERATE	MICARB RICH CLAY NANNO CHLK	224	- 9
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	CLAYSTONE	224	- 10
0- 1	6-10	0- 0	0- 0	2- 7	0- 8	0-40	N	N	NONE	NONE	NONE	NANNO MICARB CLAYSTN, BASALT	224	- 11

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUB-BOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP		AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
225 - 1	21 19N 38 15E	1228	9	930	UPPER PLEISTOCENE				1-	58-	41-	67-	A C N N					
225 - 2	21 19N 38 15E	1228	18	10	UPPER PLEISTOCENE				-	-	-	-	R C N N					
225 - 3	21 19N 38 15E	1228	23	500	UPPER PLEISTOCENE				5-	45-	50-	70-	C R N N					
225 - 4	21 19N 38 15E	1228	27	840	LOWER PLEISTOCENE				5-	45-	50-	72-	C R N N					
225 - 5	21 19N 38 15E	1228	36	800	LOWER PLEISTOCENE				3-	37-	60-	70-	C A N N					
225 - 6	21 19N 38 15E	1228	45	930	LOWER PLEISTOCENE				-	-	-	60-69	C A N N					
225 - 7	21 19N 38 15E	1228	45	5					-	-	-	-						
225 - 8	21 19N 38 15E	1228	54	450	LOWER PLEISTOCENE	UPPER PLIOCENE			-	-	-	55-	A C N N					
225 - 9	21 19N 38 15E	1228	63	830	UPPER PLIOCENE				-	-	-	49-64	C A N N					
225 - 10	21 19N 38 15E	1228	72	230	UPPER PLIOCENE				-	-	-	50-	A A N N					
225 - 11	21 19N 38 15E	1228	77	760	UPPER PLIOCENE				-	-	-	-	A A N N					
225 - 12	21 19N 38 15E	1228	77	100	UPPER PLIOCENE				30-	35-	35-	59-	R A N N					
225 - 13	21 19N 38 15E	1228	86	870	UPPER PLIOCENE				11-14	43-48	39-46	55-63	C A N N					
225 - 14	21 19N 38 15E	1228	95	550	UPPER PLIOCENE				2-	49-	49-	34-67	C C N N					
225 - 15	21 19N 38 15E	1228	104	220	UPPER PLIOCENE				0-	58-	42-	-	R A N N					
225 - 16	21 19N 38 15E	1228	113	330	UPPER PLIOCENE				-	-	-	-	C A N N					
225 - 17	21 19N 38 15E	1228	122	500	LOWER PLIOCENE				0-	53-	47-	71-	R A N N					
225 - 18	21 19N 38 15E	1228	131	750	LOWER PLIOCENE				0-	41-	59-	31-33	R A N N					
225 - 19	21 19N 38 15E	1228	140	600	LOWER PLIOCENE				-	-	-	-	C A R N					
225 - 20	21 19N 38 15E	1228	149	250	LOWER PLIOCENE				-	-	-	-	R A R N					
225 - 21	21 19N 38 15E	1228	158	410	LOWER PLIOCENE				-	-	-	-	R A N N					
225 - 22	21 19N 38 15E	1228	167	900	LOWER PLIOCENE				-	-	-	24-	R A N N					
225 - 23	21 19N 38 15E	1228	176	450	LOWER PLIOCENE	UPPER MIOCENE			-	-	-	-	R C N N					
225 - 24	21 19N 38 15E	1228	185	150	MIOCENE				-	-	-	-	N N N N					
225 - 25	21 19N 38 15E	1228	194	90	MIOCENE				-	-	-	-	N N N N					
225 - 26	21 19N 38 15E	1228	203	300	MIOCENE				-	-	-	-	N N N N					
225 - 27	21 19N 38 15E	1228	212	300					-	-	-	-	N N N N					
225 - 28	21 19N 38 15E	1228	221	380					-	-	-	-	N N N N					
225 - 29	21 19N 38 15E	1228	230	330					-	-	-	-	N N N N					
226 - 1	21 21N 38 5E	2169	5	770	QUATERNARY				-	-	-	-	B R N N					
226 - 2	21 21N 38 5E	2169	14	120					-	-	-	-	N N N N					
227 - 1	21 20N 38 8E	1795	3	150	UPPER PLEISTOCENE				-	-	-	-	C A N N					
227 - 2	21 20N 38 8E	1795	27	20	LOWER PLEISTOCENE				-	-	-	-	C A N N					
227 - 3	21 20N 38 8E	1795	36	150	UPPER PLIOCENE				-	-	-	60-68	C A N N					
227 - 4	21 20N 38 8E	1795	36	10	UPPER PLIOCENE				-	-	-	-	N A N N					
227 - 5	21 20N 38 8E	1795	45	180	UPPER PLIOCENE				-	-	-	57-	R A N N					
227 - 6	21 20N 38 8E	1795	54	290	UPPER PLIOCENE				-	-	-	61-	R A N N					
227 - 7	21 20N 38 8E	1795	63	20	UPPER PLIOCENE				-	-	-	-	R A N N					
227 - 8	21 20N 38 8E	1795	72	50	LOWER PLIOCENE				-	-	-	27-	R A N N					
227 - 9	21 20N 38 8E	1795	72	10	LOWER PLIOCENE				-	-	-	-	N A N N					
227 - 10	21 20N 38 8E	1795	81	190	LOWER PLIOCENE				-	-	-	-	R A N N					
227 - 11	21 20N 38 8E	1795	81	10	LOWER PLIOCENE				-	-	-	-	N A N N					
227 - 12	21 20N 38 8E	1795	90	230	LOWER PLIOCENE				-	-	-	21-70	N A N N					
227 - 13	21 20N 38 8E	1795	99	300	LOWER PLIOCENE				2-	35-	64-	28-57	R A N N					
227 - 14	21 20N 38 8E	1795	108	90	LOWER PLIOCENE				-	-	-	-	N A N N					
227 - 15	21 20N 38 8E	1795	113	80	LOWER PLIOCENE				-	-	-	39-	R A N N					
227 - 16	21 20N 38 8E	1795	122	240	LOWER PLIOCENE				3- 3	35-60	38-63	55-63	R R N N					
227 - 17	21 20N 38 8E	1795	131	260	LOWER PLIOCENE				-	-	-	64-	R A N N					
227 - 18	21 20N 38 8E	1795	140	340	LOWER PLIOCENE				0-	43-	57-	30-	C A N N					
227 - 19	21 20N 38 8E	1795	149	400	LOWER PLIOCENE				1-	48-	51-	37-	C A N N					
227 - 20	21 20N 38 8E	1795	158	650	LOWER PLIOCENE				0- 2	33-48	51-66	10-45	R A N N					
227 - 21	21 20N 38 8E	1795	158	550					-	-	-	-						
227 - 22	21 20N 38 8E	1795	167	510	LOWER PLIOCENE				1-	55-	44-	20-46	R A N N					
227 - 23	21 20N 38 8E	1795	176	130	LOWER PLIOCENE				-	-	-	-	N A N N					
227 - 24	21 20N 38 8E	1795	185	790	LOWER PLIOCENE				0-	41-	59-	52-	R A R N					



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOE	CORE
0-	7-	2-	5-	4-	0-	0-	N	N	GREAT	NONE	NONE	FORAM MIC RICH NANNO OOZE	225 -	1
0-	8-	3-	10-	7-	2-	0-	N	N	GREAT	NONE	NONE	NANNO RICH MICARB OOZE	225 -	2
0-0	10-12	0-2	8-10	8-11	1-2	0-0	R	N	MODERATE	NONE	NONE	NANNO RICH MICARB OOZE	225 -	3
							C	N	GREAT	NONE	NONE	NANNO RICH MICARB OOZE	225 -	4
							N	N	GREAT	NONE	NONE	NANNO RICH MICARB OOZE	225 -	5
0-	7-	2-	7-	5-	2-	0-	N	N	GREAT	NONE	NONE	NANNO RICH MICARB OOZE	225 -	6
							N	N	GREAT	NONE	NONE	CARBONATE ROCK	225 -	7
0-	10-	2-	11-	8-	1-	0-	N	N	MODERATE	NONE	GREAT	FORAM RICH MICARB OOZE	225 -	8
0-	9-	3-	10-	7-	2-	0-	N	N	GREAT	NONE	NONE	DOLO RICH CARB OOZE	225 -	9
							N	N	GREAT	NONE	MODERATE	NANNO RICH MICARB OOZE	225 -	10
							N	N	GREAT	NONE	MODERATE	DET CLAY FORAM MICARB OOZE	225 -	11
							N	N	GREAT	NONE	SLIGHT	DOLO MICARB NANNO OOZE	225 -	12
0-	5-	1-	7-	7-	0-	0-	C	N	GREAT	NONE	GREAT	MICARB NANNO OOZE	225 -	13
0-0	4-9	1-3	2-12	6-9	0-1	0-5	C	N	NONE	NONE	SLIGHT	NANNO MICARB CHALK	225 -	14
30-	5-	0-	6-	2-	0-	13-	N	N	MODERATE	NONE	SLIGHT	MICARB CHALK	225 -	15
							N	N	MODERATE	NONE	NONE	DOLO CLAY NANNO OOZE	225 -	16
0-	6-	7-	5-	6-	0-	0-	R	N	NONE	NONE	MODERATE	CLAY NANNO MICARB CHALK	225 -	17
0-	3-	2-	3-	3-	0-	1-	R	N	NONE	NONE	MODERATE	NANNO SILTY CLAYSTN	225 -	18
							N	N	NONE	NONE	GREAT	MICARB NANNO SILTY CLAYSTN	225 -	19
							N	N	MODERATE	NONE	MODERATE	MICARB NANNO SILTY CLAYSTN	225 -	20
							N	N	SLIGHT	NONE	MODERATE	NANNO RICH DET SILTY CLAYST	225 -	21
3-	14-	4-	15-	13-	1-	9-	C	N	MODERATE	NONE	MODERATE	NANNO RICH DET SILTY CLAYST	225 -	22
							R	N	SLIGHT	NONE	SLIGHT	DET SILTY CLAY RICH DOLO	225 -	23
							R	N	NONE	BEDDED		ANHYDRITE, DOLOMITE	225 -	24
							C	N	NONE	BEDDED		ANHYDRITE, DOLOMITE	225 -	25
							C	N	NONE	NONE		ANHYDRITE, DOLO CLAYSTN	225 -	26
							N	N	NONE	BEDDED		ANHYDRITE, HALITE	225 -	27
							N	N	NONE	BEDDED		ANHYDRITE, HALITE	225 -	28
							N	N	NONE	BEDDED		ANHYDRITE, HALITE	225 -	29
							N	C				MONT., ANHYD., GOET., HEMA	226 -	1
							N	N				BASALT	226 -	2
							N	N	GREAT	NONE	NONE	PTERO-FORAM OOZE	227 -	1
							N	N	MODERATE	NONE	NONE	DET CLAY RICH MICARB CHALK	227 -	2
0-	5-	1-	3-	5-	1-	0-	N	N	NONE	NONE	SLIGHT	MICARB RICH CLAY NANNO OOZE	227 -	3
							N	N	GREAT	NONE	NONE	MICARB RICH CLAY NANNO OOZE	227 -	4
							N	N	SLIGHT	NONE	NONE	MICARB RICH CLAY NANNO OOZE	227 -	5
0-	7-	2-	7-	7-	1-	0-	N	N	SLIGHT	NONE	NONE	NANNO DET CLAY MICARB CHALK	227 -	6
							N	N	NONE	NONE	SLIGHT	NANNO DET CLAY MICARB CHALK	227 -	7
							N	N	NONE	NONE	SLIGHT	NANNO DET SILTY CLAY	227 -	8
							N	N	GREAT	NONE	NONE	MICARB DET CLAY NANNO CHALK	227 -	9
							N	N	GREAT	NONE	NONE	MICARB DET CLAY NANNO CHALK	227 -	10
							N	N	NONE	BEDDED	MODERATE	MICARB DET CLAY NANNO CHALK	227 -	11
							R	N	NONE	BEDDED	MODERATE	MICARB DET CLAY NANNO CHALK	227 -	12
2-	14-	3-	18-	11-	1-	7-	N	N	GREAT	NONE	NONE	MICARB DET CLAY NANNO CHALK	227 -	13
							R	N	SLIGHT	NONE	SLIGHT	DET CLAY MICARB NANNO CHALK	227 -	14
							R	N	SLIGHT	NONE	SLIGHT	FORAM NANNO MICARB CLAYSTN	227 -	15
0-	4-	0-	8-	7-	1-	1-	N	N	SLIGHT	NONE	NONE	NANNO SILTY CLAY MICARB CHALK	227 -	16
							R	N	MODERATE	NONE	NONE	MICARB SILTY CLAY NANNO CHALK	227 -	17
0-	13-	5-	16-	18-	0-	2-	N	N	NONE	NONE	SLIGHT	MICARB NANNO SILTY CLAYSTN	227 -	18
0-	11-	5-	13-	11-	2-	2-	R	N	SLIGHT	NONE	MODERATE	NANNO SILTY CLAYSTN	227 -	19
0-	17-	5-	20-	15-	4-	5-	C	N	SLIGHT	NONE	NONE	NANNO SILTY CLAYSTN	227 -	20
							R	N	NONE	NONE	SLIGHT	WASHED IN MATERIAL	227 -	21
	20-	7-	20-	13-	0-	5-	R	N	NONE	NONE	SLIGHT	MICARB NANNO CLAYEY SILTSTN	227 -	22
							N	N	MODERATE	NONE	NONE	MICARB NANNO SILTY CLAYSTN	227 -	23
							N	N	GREAT	NONE	NONE	MICARB NANNO SILTY CLAYSTN	227 -	24

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	S-BOTTOM DEPT- TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP		AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	MAMMOFOSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOS	PYROCLASTICS
227 - 25		21 20N	38 8E	1795	194	200	LOWER	PLIOCENE		7-	43-	51-	32-	R	A	R	R	N
227 - 26		21 20N	38 8E	1795	203	170	LOWER	PLIOCENE		-	-	-	7-	N	R	R	N	N
227 - 27		21 20N	38 8E	1795	212	150	LOWER	PLIOCENE		-	-	-	-	R	N	N	N	N
227 - 28		21 20N	38 8E	1795	221	320	LOWER	PLIOCENE		0-	96-	4-	20-	N	N	N	N	N
227 - 29		21 20N	38 8E	1795	226	700	LOWER	PLIOCENE		-	-	-	-	N	R	R	N	N
227 - 30		21 20N	38 8E	1795	235	180	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 31		21 20N	38 8E	1795	244	70	UPPER	MIOCENE		-	-	-	14-	N	A	N	N	N
227 - 32		21 20N	38 8E	1795	253	670	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 33		21 20N	38 8E	1795	262	600	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 34		21 20N	38 8E	1795	271	500	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 35		21 20N	38 8E	1795	280	700	UPPER	MIOCENE		-	-	-	-	N	C	N	N	N
227 - 36		21 20N	38 8E	1795	289	220	UPPER	MIOCENE		-	-	-	3- 4	R	N	N	N	N
227 - 37		21 20N	38 8E	1795	292	190	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 38		21 20N	38 8E	1795	297	30	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 39		21 20N	38 8E	1795	305	40	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 40		21 20N	38 8E	1795	314	280	UPPER	MIOCENE		-	-	-	-	N	N	N	N	N
227 - 41		21 20N	38 8E	1795	323	80				-	-	-	-	N	N	N	N	N
227 - 42		21 20N	38 8E	1795	332	450				-	-	-	-	N	N	N	N	N
227 - 43		21 20N	38 8E	1795	341	670				-	-	-	-	N	N	N	N	N
227 - 44		21 20N	38 8E	1795	350	210				-	-	-	0-	N	N	N	N	N
227 - 45		21 20N	38 8E	1795	359	300				-	-	-	-	N	N	N	N	N
228 - 1		19 5N	39 0E	1038	5	480	UPPER	PLEISTOCENE		-	-	-	8-	A	A	N	N	N
228 - 2		19 5N	39 0E	1038	24	450	UPPER	PLEISTOCENE		-	-	-	-	C	C	N	N	N
228 - 3		19 5N	39 0E	1038	24	150	UPPER	PLEISTOCENE		-	-	-	-	N	A	N	N	N
228 - 4		19 5N	39 0E	1038	33	730	UPPER	PLEISTOCENE		9-16	50-62	24-41	24-	C	A	N	N	N
228 - 5		19 5N	39 0E	1038	42	580	UPPER	PLEISTOCENE		-	-	-	20-48	C	A	N	N	N
228 - 6		19 5N	39 0E	1038	51	790	UPPER	PLEISTOCENE		3- 5	71-73	22-26	12-37	C	C	N	N	N
228 - 7		19 5N	39 0E	1038	60	880	UPPER	PLEISTOCENE	LOWER PLEISTOCENE	6-10	59-67	22-35	-	C	A	N	N	N
228 - 8		19 5N	39 0E	1038	60	450	LOWER	PLEISTOCENE		-	-	-	-	C	N	N	N	N
228 - 9		19 5N	39 0E	1038	69	14	LOWER	PLEISTOCENE		-	-	-	-	C	C	N	N	N
228 - 10		19 5N	39 0E	1038	78	850	LOWER	PLEISTOCENE		-	-	-	54-	C	C	N	N	N
228 - 11		19 5N	39 0E	1038	87	560	LOWER	PLEISTOCENE		-	-	-	-	C	C	N	N	N
228 - 12		19 5N	39 0E	1038	96	950	LOWER	PLEISTOCENE		-	-	-	-	C	A	N	N	N
228 - 13		19 5N	39 0E	1038	105	190	LOWER	PLEISTOCENE		-	-	-	62-	C	A	N	N	N
228 - 14		19 5N	39 0E	1038	114	600	LOWER	PLEISTOCENE		-	-	-	22-55	A	A	N	N	N
228 - 15		19 5N	39 0E	1038	123	830	LOWER	PLEISTOCENE		-	-	-	60-	C	A	N	N	N
228 - 16		19 5N	39 0E	1038	132	630	LOWER	PLEISTOCENE		1-	51-	48-	20-51	C	C	N	N	N
228 - 17		19 5N	39 0E	1038	141	20	LOWER	PLEISTOCENE		-	-	-	-	C	C	N	N	N
228 - 18		19 5N	39 0E	1038	150	230	LOWER	PLEISTOCENE		6-	67-	27-	16-	C	C	N	N	N
228 - 19		19 5N	39 0E	1038	155	370	LOWER	PLEISTOCENE		-	-	-	-	C	C	N	N	N
228 - 20		19 5N	39 0E	1038	164	570	UPPER	PLIOCENE		-	-	-	44-	C	C	N	N	N
228 - 21		19 5N	39 0E	1038	173	550	UPPER	PLIOCENE		-	-	-	46-	C	C	N	N	N
228 - 22		19 5N	39 0E	1038	182	490	UPPER	PLIOCENE		-	-	-	32-57	A	C	N	N	N
228 - 23		19 5N	39 0E	1038	191	420	UPPER	PLIOCENE		5-	70-	26-	44-	C	A	N	N	N
228 - 24		19 5N	39 0E	1038	200	500	UPPER	PLIOCENE		-	-	-	57-	A	C	N	N	N
228 - 25		19 5N	39 0E	1038	209	460	UPPER	PLIOCENE		-	-	-	-	C	C	N	N	N
228 - 26		19 5N	39 0E	1038	218	580	UPPER	PLIOCENE		19-	64-	17-	29-	C	C	N	N	N
228 - 27		19 5N	39 0E	1038	227	390	UPPER	PLIOCENE		-	-	-	31-	C	C	N	N	N
228 - 28		19 5N	39 0E	1038	236	600	UPPER	PLIOCENE		7-23	50-63	14-43	17-33	C	C	N	N	N
228 - 29		19 5N	39 0E	1038	245	570	UPPER	PLIOCENE		-	-	-	-	C	C	N	N	N
228 - 30		19 5N	39 0E	1038	254	800	UPPER	PLIOCENE		-	-	-	37-42	R	A	N	N	N
228 - 31		19 5N	39 0E	1038	263	560	UPPER	PLIOCENE		-	-	-	38-	R	A	N	N	N
228 - 32		19 5N	39 0E	1038	268	300	LOWER	PLIOCENE		-	-	-	6-29	R	A	N	N	N
228 - 33		19 5N	39 0E	1038	277	600	LOWER	PLIOCENE		-	-	-	67-	R	A	N	N	N
228 - 34		19 5N	39 0E	1038	286	430				-	-	-	0-34	N	N	N	N	N
228 - 35		19 5N	39 0E	1038	295	240				-	-	-	0- 1	N	N	N	N	N

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
19-	6-	0-	3-	6-	0-	6-	R	N	MODERATE	NONE	NONE	MICARB NANNO SILTY CLAYSTN	227 - 25	
							C	N	GREAT	NONE	NONE	SILTY CLAYSTN, MICARB CHALK	227 - 26	
							C	N	GREAT	NONE	NONE	DOLO CLAYSTONE	227 - 27	
							R	N	MODERATE	NONE	NONE	DOLO DET SILTSTONE	227 - 28	
							R	N	GREAT	NONE	NONE	NANNO DOLO SILTY CLAYSTONE	227 - 29	
							N	N	SLIGHT	BEDDED	NONE	ANHYDRITE, HALITE	227 - 30	
							R	N	GREAT	NONE	NONE	DOLO SILTY CLAYSTONE	227 - 31	
							N	N	NONE	NONE	NONE	HALITE	227 - 32	
							M	N	NONE	NONE	NONE	HALITE	227 - 33	
							N	N	NONE	BEDDED	NONE	HALITE	227 - 34	
							R	N	NONE	BEDDED	NONE	HALITE, ANHYDRITE	227 - 35	
							C	N	MODERATE	BEDDED	NONE	ANHYDRITE, SHALE	227 - 36	
							C	N	NONE	BEDDED	NONE	ANHYDRITE	227 - 37	
							N	N	NONE	NONE	NONE	ANHYDRITE	227 - 38	
							R	N	SLIGHT	BEDDED	NONE	ANHYDRITE	227 - 39	
							N	N	GREAT	NONE	NONE	SHALE	227 - 40	
							N	N	MODERATE	NONE	NONE	HALITE, ANHYDRITE	227 - 41	
							N	N	NONE	NONE	NONE	HALITE	227 - 42	
							N	N	NONE	BEDDED	NONE	HALITE, SHALE, ANHYDRITE	227 - 43	
							R	N	NONE	BEDDED	NONE	ANHYDRITE, SHALE	227 - 44	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	HALITE	227 - 45	
0-	9-	4-	14-	2-	8-	2-	N	N	MODERATE	GRADED	NONE	MICARB NANNO CLAYEY SILT	228 - 1	
							N	N	GREAT	BEDDED	NONE	MICARB OOZE	228 - 2	
							N	N	GREAT	NONE	NONE	MICARB OOZE	228 - 3	
							R	N	MODERATE	NONE	NONE	NANNO OOZE	228 - 4	
J-	11-	11-	14-	2-	9-	2-	N	N	GREAT	NONE	MODERATE	FORAM MIC NANNO SANDY SILT	228 - 5	
							N	N	GREAT	NONE	NONE	SILTY CLAY MICARB OOZE	228 - 6	
							N	N	MODERATE	NONE	NONE	MICARB OOZE, CLAYEY SILT	228 - 7	
							N	N	GREAT	NONE	NONE	MICARB CLAYEY SILT	228 - 8	
							N	N	NONE	NONE	NONE	MICARB SNDY SILT NANNO OOZE	228 - 9	
0-	14-	4-	17-	2-	12-	3-	N	N	GREAT	NONE	NONE	CLAYEY SILT, SILTY CLAY	228 - 10	
0-	17-	7-	25-	2-	19-	7-	N	N	GREAT	NONE	NONE	SILTY CLAY RICH MICARB OOZE	228 - 11	
							N	N	GREAT	NONE	NONE	NANNO MICARB SILT	228 - 12	
							N	N	GREAT	NONE	NONE	FORAM MIC SAND-SILT-CLAY	228 - 13	
J-	14-	6-	19-	2-	16-	3-	N	N	NONE	NONE	MODERATE	SILTY CLAY RICH MIC CHALK	228 - 14	
							N	N	GREAT	NONE	NONE	SANDY SILT, MICARB CLAY	228 - 15	
0-0	21-22	2-7	4-32	0-20	0-0	0-0	N	N	SLIGHT	NONE	NONE	SILTSTN, CLAYSTN	228 - 16	
							N	N	SLIGHT	NONE	SLIGHT	FORAM/PTEROPOD SANDY SILT	228 - 17	
							N	N	SLIGHT	NONE	SLIGHT	SILTSTN, CLAYSTN	228 - 18	
0-	8-	3-	9-	14-	2-	6-	R	N	SLIGHT	NONE	SLIGHT	CLAYEY SILTSTN, MICARB CHALK	228 - 19	
							N	N	NONE	NONE	SLIGHT	SILTSTN, CLAYSTN	228 - 20	
							N	N	NONE	NONE	SLIGHT	MICARB CHALK	228 - 21	
0-	17-	7-	23-	25-	0-	0-	N	N	NONE	NONE	GREAT	MICARB CHLK, MICARB SILTSTN	228 - 22	
							N	N	SLIGHT	NONE	SLIGHT	MICARB CHLK, CLAYSTN	228 - 23	
0-	15-	4-	20-	18-	0-	0-	N	N	NONE	NONE	SLIGHT	CLAYSTN, SILTSTN	228 - 24	
							R	N	NONE	NONE	SLIGHT	CLAYSTN, SILTSTN	228 - 25	
0-	19-	6-	25-	21-	0-	0-	N	N	NONE	NONE	MODERATE	CLAYSTN, SILTSTN	228 - 26	
0-	11-	0-	14-	17-	2-	3-	C	C	NONE	BEDDED	NONE	MICARB CLAYEY SILTSTN	228 - 27	
0-	22-	6-	28-	19-	0-	0-	N	N	NONE	BEDDED	MODERATE	MICARB SANDY SILTSTN	228 - 28	
							N	N	SLIGHT	NONE	MODERATE	MICARB SILTSTN	228 - 29	
0-	11-	7-	21-	20-	0-	1-	N	N	NONE	BEDDED	SLIGHT	SILTSTN, MICARB CHLK, CLAYSTN	228 - 30	
							N	N	NONE	BEDDED	MODERATE	SILTSTN, MICARB CHALK	228 - 31	
0-	26-	10-	29-	26-	0-	5-	R	N	NONE	BEDDED	NONE	SILTSTN, CLAYSTN	228 - 32	
0-	7-	2-	9-	8-	0-	0-	N	N	NONE	BEDDED	NONE	SILTSTN, L/S	228 - 33	
0-	17-	6-	21-	14-	2-	0-	N	N	NONE	BEDDED	NONE	SANDY SILTSTN, CLAYEY SILTSTN	228 - 34	
							N	N	SLIGHT	BEDDED	NONE	SILTSTN, ANHYDRITE	228 - 35	

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
228 - 36		19 5N 39 0E		1038	304	80			-	-	-	-	N N N	N			
228 - 37		19 5N 39 0E		1038	313	260			-	-	-	1-4	N N N	N			
228 - 38		19 5N 39 0E		1038	322	60			-	-	-	-	N N N	N			
228 - 39		19 5N 39 0E		1038	325	120			-	-	-	16-	N N N	N			
228 - 40		19 5N 39 0E		1038	325	0			-	-	-	-	N N N	N			
229 - 1	14 46N 42 11E			852	9	100	HOLOCENE		-	-	-	-	C C R	R			
229 - 2	14 46N 42 11E			852	56	930	UPPER PLEISTOCENE		-	-	-	42-61	C C N	R			
229 - 3	14 46N 42 11E			852	102	940	UPPER PLEISTOCENE		-	-	-	-	C C N	R			
229 - 4	14 46N 42 11E			852	108	940	UPPER PLEISTOCENE		-	-	-	-	C C N	R			
229 - 5	14 46N 42 11E			852	108	0	UPPER PLEISTOCENE		-	-	-	-	N C N	A			
229A- 1	14 46N 42 11E			852	28	900	UPPER PLEISTOCENE		-	-	-	-	A A N	N			
229A- 2	14 46N 42 11E			852	37	640	UPPER PLEISTOCENE		-	-	-	-	A C N	R			
229A- 3	14 46N 42 11E			852	46	940	UPPER PLEISTOCENE		-	-	-	-	A C N	R			
229A- 4	14 46N 42 11E			852	65	940	UPPER PLEISTOCENE		-	-	-	-	C C N	R			
229A- 5	14 46N 42 11E			852	74	940	UPPER PLEISTOCENE		-	-	-	-	C C N	C			
229A- 6	14 46N 42 11E			852	83	920	UPPER PLEISTOCENE		28-39	41-44	20-30	-	C C N	R			
229A- 7	14 46N 42 11E			852	92	800	UPPER PLEISTOCENE		-	-	-	-	C A N	R			
229A- 8	14 46N 42 11E			852	122	450	UPPER PLEISTOCENE		-	-	-	-	G A N	R			
229A- 9	14 46N 42 11E			852	131	250	UPPER PLEISTOCENE		-	-	-	-	C R N	R			
229A- 10	14 46N 42 11E			852	140	940	UPPER PLEISTOCENE		-	-	-	-	C A N	R			
229A- 11	14 46N 42 11E			852	149	0			-	-	-	-					
229A- 12	14 46N 42 11E			852	158	700	UPPER PLEISTOCENE		-	-	-	-	C A N	R			
229A- 13	14 46N 42 11E			852	167	630	UPPER PLEISTOCENE		-	-	-	-	C A N	R			
229A- 14	14 46N 42 11E			852	176	300	UPPER PLEISTOCENE		-	-	-	-	C A N	N			
229A- 15	14 46N 42 11E			852	185	800	UPPER PLEISTOCENE		-	-	-	-	C A N	N			
229A- 16	14 46N 42 11E			852	194	800	UPPER PLEISTOCENE		-	-	-	-	C A N	N			
229A- 17	14 46N 42 11E			852	203	220	UPPER PLEISTOCENE		-	-	-	-	C A N	C			
229A- 18	14 46N 42 11E			852	212	730	UPPER PLEISTOCENE		-	-	-	-	C A N	N			
230 - 1	15 19N 41 50E			832	9	420	UPPER QUATERNARY		-	-	-	80-	A A N	R			
231 - 1	11 53N 48 15E			2152	1	160	PLEISTOCENE		-	-	-	-	C A R	N			
231 - 2	11 53N 48 15E			2152	7	160	PLEISTOCENE		3-	45-	52-	51-	C A R	R			
231 - 3	11 53N 48 15E			2152	17	550	PLEISTOCENE		-	-	-	-	C A R	N			
231 - 4	11 53N 48 15E			2152	26	450	PLEISTOCENE		37-	40-	23-	-	A C R	N			
231 - 5	11 53N 48 15E			2152	36	900	PLEISTOCENE		67-	17-	17-	-	A C C	R			
231 - 6	11 53N 48 15E			2152	45	860	PLEISTOCENE		-	-	-	-	A A R	N			
231 - 7	11 53N 48 15E			2152	55	370	PLEISTOCENE		-	-	-	-	C A N	N			
231 - 8	11 53N 48 15E			2152	64	970	PLEISTOCENE		-	-	-	-	C A C	N			
231 - 9	11 53N 48 15E			2152	74	880	PLEISTOCENE		-	-	-	-	C A C	N			
231 - 10	11 53N 48 15E			2152	83	670	PLEISTOCENE		-	-	-	-	C A C	N			
231 - 11	11 53N 48 15E			2152	93	390	PLEISTOCENE		-	-	-	-	C A C	N			
231 - 12	11 53N 48 15E			2152	102	580	PLEISTOCENE		-	-	-	-	C A R	R			
231 - 13	11 53N 48 15E			2152	112	770	PLEISTOCENE	UPPER PLIOCENE	-	-	-	-	C A R	N			
231 - 14	11 53N 48 15E			2152	121	720	UPPER PLIOCENE		-	-	-	-	C A R	N			
231 - 15	11 53N 48 15E			2152	131	370	UPPER PLIOCENE		1-41	38-56	21-43	-	C C R	R			
231 - 16	11 53N 48 15E			2152	140	770	UPPER PLIOCENE		-	-	-	-	C C R	R			
231 - 17	11 53N 48 15E			2152	150	700	UPPER PLIOCENE		-	-	-	-	C A N	N			
231 - 18	11 53N 48 15E			2152	159	400	UPPER PLIOCENE		-	-	-	-	C C N	N			
231 - 19	11 53N 48 15E			2152	169	550	UPPER PLIOCENE		-	-	-	-	C C R	N			
231 - 20	11 53N 48 15E			2152	178	880	UPPER PLIOCENE		-	-	-	-	C A N	A			
231 - 21	11 53N 48 15E			2152	188	870	LOWER PLIOCENE		-	-	-	-	C A N	A			
231 - 22	11 53N 48 15E			2152	197	670	LOWER PLIOCENE		-	-	-	-	C C N	A			
231 - 23	11 53N 48 15E			2152	207	780	LOWER PLIOCENE		-	-	-	-	C C N	C			
231 - 24	11 53N 48 15E			2152	216	900	LOWER PLIOCENE		-	-	-	-	C C N	C			

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	ANHYDRITE	228 -	36
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	ANHYDRITE, SILTSTN	228 -	37
.	.	.	.	.	.	.	C	N	NONE	BEDDED	NONE	ANHYDRITE, SILTSTN	228 -	18
.	.	.	.	.	.	.	N	N	MODERATE	BEDDED	NONE	ANHYDRITE, SILTSTN	228 -	39
.	.	.	.	.	.	.	.	.	.	.	.	NO RECOVERY	228 -	40
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	MICARB OOZE	229 -	1
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	CLAY NANNO MICARB OOZE	229 -	2
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	CLAY NANNO MICARB OOZE	229 -	3
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	CLAY NANNO MICARB OOZE	229 -	4
.	.	.	.	.	.	.	N	N	.	.	.	PALAG. TUFF	229 -	5
0-	14-	3-	14-	6-	0-	0-	N	N	SLIGHT	NONE	MODERATE	CLAY NANNO MICARB CHALK	229A-	1
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	CLAY&NANNO MICARB OOZE	229A-	2
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	CLAY&NANNO MICARB OOZE	229A-	3
.	.	.	.	.	.	.	N	N	MODERATE	NONE	NONE	CLAY&NANNO MICARB OOZE	229A-	4
0-	16-	5-	14-	7-	0-	0-	N	N	MODERATE	NONE	NONE	CLAY&NANNO MICARB OOZE	229A-	5
.	.	.	.	.	.	.	N	N	MODERATE	NONE	SLIGHT	SLTY CLAY NANNO MICARB OOZE	229A-	6
.	.	.	.	.	.	.	N	N	MODERATE	NONE	NONE	MICARB RICH CLAY NANNO OOZE	229A-	7
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NANNO OOZE&CHLK, PALAG TUFF	229A-	8
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	SILTY CLAY GLASS/ZEOL SED	229A-	9
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	MICARB RICH NANNO OOZE	229A-	10
.	.	.	.	.	.	.	.	.	.	.	.	NO RECOVERY	229A-	11
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	SLTY CLAY MIC NAN OOZE/CHLK	229A-	12
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	CLAY MICARB NANNO OOZE/CHLK	229A-	13
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	SLTY CLAY MICARB NANNO OOZE	229A-	14
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	MICARB RICH NANNO CHALK	229A-	15
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	MICARB RICH NANNO CHALK	229A-	16
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	SLTY CLAY MICARB NANNO CHLK	229A-	17
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	SLTY CLAY MICARB NANNO CHLK	229A-	18
0-	2-	0-	2-	2-	0-	0-	N	N	.	.	.	CARB. NANNO OOZE	230 -	1
0-	10	3-	8-	6-	1-	0-	N	N	NONE	NONE	NONE	MICARB NANNO OZE	231 -	1
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	231 -	2
J-	13-	0-	2-	3-	0-	0-	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	3
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	4
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	5
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE, SHELL SAND	231 -	6
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE, SHELL SAND	231 -	7
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE, SHELL SAND	231 -	8
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	NANNO OOZE	231 -	9
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	FORAM RICH NANNO OOZE	231 -	10
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	NANNO OOZE	231 -	11
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	QTZ RICH NANNO OOZE	231 -	12
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	QTZ RICH NANNO OOZE	231 -	13
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	14
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	QTZ RICH NANNO OOZE	231 -	15
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	16
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE, CLAYEY SILT	231 -	17
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	18
.	.	.	.	.	.	.	R	N	NCNE	NONE	MODERATE	NANNO OOZE, FORAM NANNO OOZE	231 -	19
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE, VOLC. ASH	231 -	20
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE, ASH, QTZ SAND	231 -	21
.	.	.	.	.	.	.	N	N	NONE	NONE	MODERATE	NANNO OOZE, VOLC. ASH	231 -	22
.	.	.	.	.	.	.	N	N	NONE	NONE	MODERATE	NANNO OOZE, SILTY SAND	231 -	23
.	.	.	.	.	.	.	R	N	NONE	NONE	GREAT	NANNO OOZE, SILTY SAND	231 -	24

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NAINFOSSILS	SILTICIOUS MICROFOSSILS	ORG-WALLED MICROFOS	PYROCLASTICS
231 - 25		11 53N	48 15E	2152	226	870	LOWER PLIOCENE		-	-	-	-	C	C	N	N	
231 - 26		11 53N	48 15E	2152	235	790	LOWER PLIOCENE		-	-	-	-	C	C	N	N	
231 - 27		11 53N	48 15E	2152	245	780	LOWER PLIOCENE		-	-	-	-	C	C	A	R	N
231 - 28		11 53N	48 15E	2152	254	900	LOWER PLIOCENE		-	-	-	-	C	C	R	R	N
231 - 29		11 53N	48 15E	2152	264	910	UPPER MIOCENE		-	-	-	-	C	C	R	R	N
231 - 30		11 53N	48 15E	2152	273	780	UPPER MIOCENE		-	-	-	-	C	C	R	R	N
231 - 31		11 53N	48 15E	2152	283	630	UPPER MIOCENE		1-	28-	71-	62-	C	C	A	N	N
231 - 32		11 53N	48 15E	2152	292	870	UPPER MIOCENE		-	-	-	-	C	C	N	N	
231 - 33		11 53N	48 15E	2152	302	720	UPPER MIOCENE		-	-	-	-	C	C	N	N	
231 - 34		11 53N	48 15E	2152	311	920	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 35		11 53N	48 15E	2152	321	450	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 36		11 53N	48 15E	2152	330	820	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 37		11 53N	48 15E	2152	340	720	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 38		11 53N	48 15E	2152	349	530	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 39		11 53N	48 15E	2152	359	600	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 40		11 53N	48 15E	2152	368	640	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 41		11 53N	48 15E	2152	378	730	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 42		11 53N	48 15E	2152	387	780	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 43		11 53N	48 15E	2152	397	950	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 44		11 53N	48 15E	2152	406	230	UPPER MIOCENE		-	-	-	-	C	C	R	N	N
231 - 45		11 53N	48 15E	2152	416	930	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 46		11 53N	48 15E	2152	425	950	UPPER MIOCENE		-	-	-	-	C	C	R	N	N
231 - 47		11 53N	48 15E	2152	435	890	UPPER MIOCENE		-	-	-	-	C	C	R	N	N
231 - 48		11 53N	48 15E	2152	444	420	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 49		11 53N	48 15E	2152	454	350	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 50		11 53N	48 15E	2152	463	830	UPPER MIOCENE		-	-	-	-	C	C	N	R	R
231 - 51		11 53N	48 15E	2152	473	940	UPPER MIOCENE		-	-	-	-	C	C	R	R	R
231 - 52		11 53N	48 15E	2152	482	760	UPPER MIOCENE		-	-	-	-	C	C	R	R	R
231 - 53		11 53N	48 15E	2152	492	850	UPPER MIOCENE		-	-	-	-	C	C	R	R	R
231 - 54		11 53N	48 15E	2152	501	400	MIDDLE MIOCENE		-	-	-	-	C	C	N	R	R
231 - 55		11 53N	48 15E	2152	510	450	MIDDLE MIOCENE		-	-	-	-	C	C	R	R	R
231 - 56		11 53N	48 15E	2152	519	770	MIDDLE MIOCENE		-	-	-	-	C	C	R	R	R
231 - 57		11 53N	48 15E	2152	529	370	MIDDLE MIOCENE		-	-	-	-	C	C	R	N	N
231 - 58		11 53N	48 15E	2152	538	880	MIDDLE MIOCENE		-	-	-	-	C	C	R	N	N
231 - 59		11 53N	48 15E	2152	548	950	MIDDLE MIOCENE		-	-	-	-	C	A	N	R	R
231 - 60		11 53N	48 15E	2152	557	390	MIDDLE MIOCENE		-	-	-	-	C	C	R	N	N
231 - 61		11 53N	48 15E	2152	567	820	MIDDLE MIOCENE		2-	23-	75-	33-	C	A	N	N	C
231 - 62		11 53N	48 15E	2152	569	100	MIDDLE MIOCENE		-	-	-	-	C	A	N	N	C
231 - 63		11 53N	48 15E	2152	575	220	MIDDLE MIOCENE		-	-	-	-	C	A	N	N	C
231 - 64		11 53N	48 15E	2152	584	450	MIDDLE MIOCENE		-	-	-	-	N	N	N	N	C
232 - 1		14 29N	51 55E	1743	3	240	PLEISTOCENE		19-	57-	20-	62-	C	A	R	R	R
232 - 2		14 29N	51 55E	1743	12	850	PLEISTOCENE		-	-	-	-	C	A	R	R	R
232 - 3		14 29N	51 55E	1743	22	840	PLEISTOCENE		-	-	-	-	C	A	R	R	R
232 - 4		14 29N	51 55E	1743	31	820	PLEISTOCENE		9-	75-	16-	35-	C	A	C	R	N
232 - 5		14 29N	51 55E	1743	41	950	PLEISTOCENE		3-6	54-81	14-43	31-50	C	A	A	R	N
232 - 6		14 29N	51 55E	1743	50	580	PLEISTOCENE		-	-	-	-	C	C	R	R	R
232 - 7		14 29N	51 55E	1743	60	480	PLEISTOCENE		-	-	-	-	C	C	R	R	R
232 - 8		14 29N	51 55E	1743	69	690	PLEISTOCENE		-	-	-	-	C	C	R	R	R
232 - 9		14 29N	51 55E	1743	79	640	PLEISTOCENE		-	-	-	-	C	C	C	R	N
232 - 10		14 29N	51 55E	1743	88	250	PLEISTOCENE		-	-	-	-	C	C	C	R	N
232 - 11		14 29N	51 55E	1743	98	650	UPPER PLIOCENE		-	-	-	-	C	C	C	R	N
232 - 12		14 29N	51 55E	1743	107	640	UPPER PLIOCENE		-	-	-	-	C	C	C	R	N
232 - 13		14 29N	51 55E	1743	117	120	UPPER PLIOCENE		8-	72-	20-	22-	C	C	R	C	N
232 - 14		14 29N	51 55E	1743	126	730	UPPER PLIOCENE		-	-	-	-	C	C	C	A	N
232 - 15		14 29N	51 55E	1743	136	790	UPPER PLIOCENE		-	-	-	-	C	C	C	A	N
232 - 16		14 29N	51 55E	1743	145	750	UPPER PLIOCENE		-	-	-	-	C	C	C	A	N
232 - 17		14 29N	51 55E	1743	155	950	LOWER PLIOCENE		-	-	-	-	C	C	A	R	N

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	R	N	NONE	NONE	GREAT	NANNO OOZE	231 -	25
-	-	-	-	-	-	-	N	N	NONE	NONE	GREAT	NANNO OOZE, QTZ SAND	231 -	26
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	27
0-	8-	3-	2-	5-	2-	1-	N	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	28
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	231 -	29
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	30
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	31
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	32
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	33
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	231 -	34
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	35
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	NANNO OOZE	231 -	36
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE	231 -	37
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	NANNO OOZE	231 -	38
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	NANNO OOZE	231 -	39
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	NANNO OOZE	231 -	40
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	41
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	42
0-	22-	4-	7-	0-	2-	9-	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	231 -	43
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	231 -	44
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO OOZE	231 -	45
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	46
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	47
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	48
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	49
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	50
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	51
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	52
-	-	-	-	-	-	-	N	N	NONE	NONE	GREAT	NANNO OOZE	231 -	53
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	231 -	54
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	55
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	56
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO OOZE	231 -	57
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	58
-	-	-	-	-	-	-	R	N	NONE	NONE	MODERATE	NANNO OOZE	231 -	59
0-	10-	3-	4-	6-	0-	4-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	231 -	60
-	-	-	-	-	-	-	R	N	NONE	NONE	GREAT	NANNO OOZE	231 -	61
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	NANNO CHALK, BASALT	231 -	62
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	231 -	63
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	231 -	64
0-	7-	0-	3-	3-	0-	0-	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	232 -	1
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	GREAT	FORAM RICH NANNO OOZE	232 -	2
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	GREAT	NANNO OOZE	232 -	3
-	-	-	-	-	-	-	R	N	NONE	NONE	GREAT	NANNO OOZE	232 -	4
-	-	-	-	-	-	-	R	N	NONE	NONE	GREAT	NANNO OOZE	232 -	5
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	6
-	-	-	-	-	-	-	N	N	NONE	NONE	GREAT	NANNO OOZE	232 -	7
-	-	-	-	-	-	-	N	N	MODERATE	NONE	MODERATE	NANNO OOZE	232 -	8
-	-	-	-	-	-	-	N	N	NONE	NONE	GREAT	NANNO OOZE	232 -	9
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	10
0-	29-	15-	23-	7-	0-	0-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	11
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	12
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	NANNO OOZE	232 -	13
-	-	-	-	-	-	-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	14
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232 -	15
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	NANNO OOZE	232 -	16
-	-	-	-	-	-	-	R	N	NONE	NONE	SLIGHT	NANNO OOZE	232 -	17

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOS.	PYROCLASTICS
232	- 18	14 29N	51 55E	1743	164	870	LOWER PLIOCENE		1-	47-	52-	46-	C C A				N
232	- 19	14 29N	51 55E	1743	174	800	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	1	14 29N	51 55E	1726	169	820	LOWER PLIOCENE		9-	67-	24-	5-	C C C				A
232A-	2	14 29N	51 55E	1726	178	940	LOWER PLIOCENE		-	-	-	-	C C C				N
232A-	3	14 29N	51 55E	1726	185	860	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	4	14 29N	51 55E	1726	197	820	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	5	14 29N	51 55E	1726	207	600	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	6	14 29N	51 55E	1726	216	900	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	7	14 29N	51 55E	1726	226	940	LOWER PLIOCENE		13-	71-	16-	19-	C C C				N
232A-	8	14 29N	51 55E	1726	235	900	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	9	14 29N	51 55E	1726	245	950	LOWER PLIOCENE		1-	49-	50-	28-	C C A				R
232A-	10	14 29N	51 55E	1726	254	880	LOWER PLIOCENE		-	-	-	-	C C A				N
232A-	11	14 29N	51 55E	1726	264	140	LOWER PLIOCENE		-	-	-	-	C C R				N
232A-	12	14 29N	51 55E	1726	273	210	LOWER PLIOCENE		-	-	-	-	R A N				N
232A-	13	14 29N	51 55E	1726	283	70	UPPER MIOCENE		-	-	-	-	R R N				N
232A-	14	14 29N	51 55E	1726	292	150	UPPER MIOCENE		19-	57-	24-	13-	R R N				N
232A-	15	14 29N	51 55E	1726	302	170	UPPER MIOCENE		-	-	-	-	R R N				N
232A-	16	14 29N	51 55E	1726	311	0	UPPER MIOCENE		-	-	-	-	R R N				N
232A-	17	14 29N	51 55E	1726	321	0	UPPER MIOCENE		-	-	-	-	R R N				N
232A-	18	14 29N	51 55E	1726	330	610	UPPER MIOCENE		-	-	-	-	R C N				N
232A-	19	14 29N	51 55E	1726	340	270	UPPER MIOCENE		-	-	-	-	C C R				N
232A-	20	14 29N	51 55E	1726	349	130	UPPER MIOCENE		-	-	-	-	C C C				N
232A-	21	14 29N	51 55E	1726	359	790	UPPER MIOCENE		-	-	-	-	C C A				R
232A-	22	14 29N	51 55E	1726	368	380	UPPER MIOCENE		-	-	-	-	R C R				N
232A-	23	14 29N	51 55E	1726	378	740	UPPER MIOCENE		-	-	-	-	C C N				N
232A-	24	14 29N	51 55E	1726	387	90	UPPER MIOCENE		-	-	-	-	R C N				N
232A-	25	14 29N	51 55E	1726	397	10	UPPER MIOCENE		-	-	-	-	R C N				N
232A-	26	14 29N	51 55E	1726	403	60	UPPER MIOCENE		-	-	-	-	N R N				N
232A-	27	14 29N	51 55E	1726	412	30	UPPER MIOCENE		-	-	-	-	N N N				N
232A-	28	14 29N	51 55E	1726	422	10	UPPER MIOCENE		-	-	-	-	N N N				N
232A-	29	14 29N	51 55E	1726	431	50	UPPER MIOCENE		-	-	-	-	N A N				N
232A-	30	14 29N	51 55E	1726	434	0	UPPER MIOCENE		-	-	-	-	N A N				N
233	- 1	14 20N	52 8E	1839	5	500	PLEISTOCENE		-	-	-	-	A C A				N
233	- 2	14 20N	52 8E	1839	15	550	PLEISTOCENE		12-	44-	45-	66-	A C R				N
233	- 3	14 20N	52 8E	1839	24	800	PLEISTOCENE		-	-	-	-	A A R				N
233	- 4	14 20N	52 8E	1839	34	390	PLEISTOCENE		-	-	-	-	C C N				N
233	- 5	14 20N	52 8E	1839	43	790	PLEISTOCENE		4-23	56-57	22-39	44-49	A C A				N
233	- 6	14 20N	52 8E	1839	53	820	PLEISTOCENE		-	-	-	-	A A N				N
233	- 7	14 20N	52 8E	1839	62	870	PLEISTOCENE		-	-	-	-	C C A				N
233	- 8	14 20N	52 8E	1839	72	600	PLEISTOCENE		-	-	-	43-	C C A				N
233	- 9	14 20N	52 8E	1839	81	900	PLEISTOCENE		-	-	-	-	C C A				N
233	- 10	14 20N	52 8E	1839	91	950	UPPER PLIOCENE		-	-	-	-	C C A				N
233	- 11	14 20N	52 8E	1839	100	950	UPPER PLIOCENE		2-	57-	42-	43-	C C A				N
233	- 12	14 20N	52 8E	1839	110	810	UPPER PLIOCENE		-	-	-	-	R C A				N
233	- 13	14 20N	52 8E	1839	119	860	UPPER PLIOCENE		-	-	-	-	R C A				N
233	- 14	14 20N	52 8E	1839	129	290	UPPER PLIOCENE		-	-	-	-	R C A				N
233	- 15	14 20N	52 8E	1839	138	950	UPPER PLIOCENE		-	-	-	-	R C A				N
233	- 16	14 20N	52 8E	1839	148	850	UPPER PLIOCENE		1-	53-	47-	44-	R C C				N
233	- 17	14 20N	52 8E	1839	157	310	UPPER PLIOCENE		-	-	-	-	C C N				N
233	- 18	14 20N	52 8E	1839	167	620	UPPER PLIOCENE		-	-	-	-	R C N				N
233	- 19	14 20N	52 8E	1839	176	720	UPPER PLIOCENE		-	-	-	-	R C A				N
233A-	1	14 20N	52 8E	1839	178	520	UPPER PLIOCENE		-	-	-	-	R C A				N
233A-	2	14 20N	52 8E	1839	187	230	UPPER PLIOCENE		-	-	-	-	C C C				N
233A-	3	14 20N	52 8E	1839	197	830	UPPER PLIOCENE		-	-	-	-	C C A				N
233A-	4	14 20N	52 8E	1839	206	510	UPPER PLIOCENE		-	-	-	-	C C A				N
233A-	5	14 20N	52 8E	1839	216	480	UPPER PLIOCENE		-	-	-	-	R C C				N



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	9-	3-	5-	6-	1-	1-	N	N	NONE	NONE	MODERATE	NANNO OOZE	232 -	18
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232 -	19
0-	13-	4-	8-	8-	0-	0-	N	N	SLIGHT	NONE	MODERATE	NANNO OOZE, VOLC. ASH	232A-	1
.	.	.	.	.	.	.	N	N	NONE	NONE	GREAT	NANNO OOZE	232A-	2
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE	232A-	3
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	232A-	4
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232A-	5
0-	32-	10-	21-	10-	0-	0-	N	N	NONE	NONE	GREAT	NANNO OOZE	232A-	6
.	.	.	.	.	.	.	N	N	NONE	NONE	GREAT	NANNO OOZE	232A-	7
0-	13-	2-	6-	13-	2-	4-	N	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	8
.	.	.	.	.	.	.	C	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	9
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	10
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	11
.	.	.	.	.	.	.	C	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	12
0-	38-	14-	20-	9-	0-	0-	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232A-	13
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO OOZE	232A-	14
.	.	.	.	.	.	.	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	232A-	15
.	.	.	.	.	.	.	N	N		NONE	NONE	QTZ SANDSTN	232A-	16
.	.	.	.	.	.	.	N	N		NONE	NONE	QTZ SANDSTN	232A-	17
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232A-	18
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	19
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO OOZE	232A-	20
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232A-	21
.	.	.	.	.	.	.	C	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	232A-	22
.	.	.	.	.	.	.	R	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	23
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO OOZE	232A-	24
.	.	.	.	.	.	.	N	N				NANNO OOZE	232A-	25
.	.	.	.	.	.	.	N	N				QTZ SANDSTN	232A-	26
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	QTZ SANDSTN	232A-	27
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	QTZ SANDSTN	232A-	28
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	232A-	29
.	.	.	.	.	.	.						NO RECOVERY	232A-	30
0-	6-	2-	2-	3-	0-	0-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	1
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE	233 -	2
.	.	.	.	.	.	.	N	N	NONE	NONE	MODERATE	NANNO OOZE	233 -	3
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	233 -	4
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	GREAT	NANNO OOZE	233 -	5
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	MODERATE	NANNO OOZE	233 -	6
0- 0	10-11	2- 5	5- 7	5- 6	0- 0	0- 0	N	N	NONE	NONE	MODERATE	NANNO OOZE	233 -	7
.	.	.	.	.	.	.	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	233 -	8
.	.	.	.	.	.	.	N	N	NONE	NONE	SLIGHT	NANNO OOZE	233 -	9
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	233 -	10
0-	12-	2-	6-	6-	0-	0-	R	N	NONE	NONE	SLIGHT	NANNO OOZE	233 -	11
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	233 -	12
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	13
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	14
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	15
0-	9-	2-	4-	7-	2-	0-	R	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	16
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	233 -	17
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	233 -	18
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	233 -	19
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	233A-	1
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO OOZE	233A-	2
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO OOZE	233A-	3
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO OOZE	233A-	4
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	MICARB NANNO OOZE	233A-	5

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	MAMMOFOSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
233A-	6	14 20N	52 8E	1839	225	190	UPPER PLIOCENE		-	-	-	-	C	C	A	N	
233A-	7	14 20N	52 8E	1839	235	710	UPPER PLIOCENE		-	-	-	-	C	C	C	N	
233A-	8	14 20N	52 8E	1839	237	170			-	-	-	-	N	N	N	N	
233A-	9	14 20N	52 8E	1839	243	80			-	-	-	-	N	N	N	N	
233A-	10	14 20N	52 8E	1839	246	0			-	-	-	-					
233A-	11	14 20N	52 8E	1839	254	0			-	-	-	-					
233A-	12	14 20N	52 8E	1839	264	0			-	-	-	-					
233A-	13	14 20N	52 8E	1839	271	0			-	-	-	-					
234 -	1	4 29N	51 13E	4721	10	950	PLIOCENE	MIOCENE	0-12	19-31	57-80	45-	R	C	N	R	
234 -	2	4 29N	51 13E	4721	19	670	PLIOCENE	MIOCENE	-	-	-	-	R	N	N	R	
234 -	3	4 29N	51 13E	4721	29	870			-	-	-	-	N	N	N	N	
234 -	4	4 29N	51 13E	4721	38	810			-	-	-	-	N	N	N	N	
234 -	5	4 29N	51 13E	4721	76	390	MIDDLE MIOCENE		-	-	-	-	R	C	N	N	
234 -	6	4 29N	51 13E	4721	86	800	MIDDLE MIOCENE	LOWER MIOCENE	0-	7-	93-	2-	R	R	N	N	
234 -	7	4 29N	51 13E	4721	124	940	LOWER MIOCENE		-	-	-	-	R	N	N	N	
234 -	8	4 29N	51 13E	4721	133	340	LOWER MIOCENE		-	-	-	-	R	N	N	N	
234 -	9	4 29N	51 13E	4721	162	380	LOWER MIOCENE		0-	9-	91-	28-	R	R	N	R	
234 -	10	4 29N	51 13E	4721	171	510	UPPER OLIGOCENE		0-	9-	91-	7-	R	C	N	R	
234 -	11	4 29N	51 13E	4721	181	380	UPPER OLIGOCENE		-	-	-	-	R	C	N	C	
234 -	12	4 29N	51 13E	4721	190	680	UPPER OLIGOCENE		-	-	-	-	R	C	N	C	
234 -	13	4 29N	51 13E	4721	200	750	UPPER OLIGOCENE		-	-	-	-	R	C	N	C	
234 -	14	4 29N	51 13E	4721	209	190			-	-	-	-	N	N	N	N	
234 -	15	4 29N	51 13E	4721	247	370			0-	6-	94-	0-	N	N	N	N	
234A-	1	4 29N	51 13E	4721	247	140			-	-	-	-	N	N	N	N	
235 -	1	3 14N	52 42E	5130	10	850	PLEISTOCENE		0-	22-	78-	55-	R	A	A	R	
235 -	2	3 14N	52 42E	5130	19	830	PLEISTOCENE		-	-	-	-	R	A	A	R	
235 -	3	3 14N	52 42E	5130	29	480	PLEISTOCENE		-	-	-	-	R	A	C	R	
235 -	4	3 14N	52 42E	5130	38	600	PLEISTOCENE		0-	17-	83-	51-	R	A	A	R	
235 -	5	3 14N	52 42E	5130	76	930	UPPER PLIOCENE		0- 1	12-79	21-88	8-90	C	A	A	R	
235 -	6	3 14N	52 42E	5130	86	15	UPPER PLIOCENE		-	-	-	-	R	A	R		
235 -	7	3 14N	52 42E	5130	124	540	UPPER PLIOCENE		-	-	-	-	R	A	R		
235 -	8	3 14N	52 42E	5130	133	140	LOWER PLIOCENE		-	-	-	-	C	A	R	R	
235 -	9	3 14N	52 42E	5130	181	880	LOWER PLIOCENE		-	-	-	-	R	A	R	R	
235 -	10	3 14N	52 42E	5130	228	950	UPPER MIOCENE		0-	14-	86-	2-44	R	C	R	R	
235 -	11	3 14N	52 42E	5130	276	690	UPPER MIOCENE		0- 0	9-28	72-91	2-81	R	C	R	R	
235 -	12	3 14N	52 42E	5130	323	390	UPPER MIOCENE		-	-	-	-	R	C	R	R	
235 -	13	3 14N	52 42E	5130	378	430	MIDDLE MIOCENE		-	-	-	-	R	C	R	R	
235 -	14	3 14N	52 42E	5130	437	250	MIDDLE MIOCENE		-	-	-	-	R	C	R	R	
235 -	15	3 14N	52 42E	5130	504	570	MIDDLE MIOCENE		-	-	-	-	R	C	N	R	
235 -	16	3 14N	52 42E	5130	589	30			-	-	-	-	R	N	N	N	
235 -	17	3 14N	52 42E	5130	656	40	U. MASTRICHTIAN		-	-	-	-	N	R	N	N	
235 -	18	3 14N	52 42E	5130	665	90	U. MASTRICHTIAN		-	-	-	-	N	R	N	N	
235 -	19	3 14N	52 42E	5130	675	430	U. MASTRICHTIAN		-	-	-	-	N	R	N	N	
235 -	20	3 14N	52 42E	5130	684	690	U. MASTRICHTIAN		-	-	-	-	N	R	N	N	
236 -	1	1 41S	57 39E	4487	7	600	PLEISTOCENE		-	-	-	-	A	A	A	R	
236 -	2	1 41S	57 39E	4487	16	100	PLEISTOCENE		-	-	-	-	A	A	A	R	
236 -	3	1 41S	57 39E	4487	26	420	PLEISTOCENE		-	-	-	-	A	A	A	N	
236 -	4	1 41S	57 39E	4487	35	750	PLIOCENE	PLIOCENE	8-66	15-16	20-76	50-78	A	A	A	N	
236 -	5	1 41S	57 39E	4487	45	720	PLIOCENE		20-85	8-49	8-31	81-94	C	A	N	N	
236 -	6	1 41S	57 39E	4487	54	950	PLIOCENE		2-	32-	67-	55-	A	A	N	N	
236 -	7	1 41S	57 39E	4487	64	950	UPPER MIOCENE		-	-	-	-	A	A	N	N	
236 -	8	1 41S	57 39E	4487	73	940	UPPER MIOCENE		1-	11-	88-	23-	A	A	R	N	
236 -	9	1 41S	57 39E	4487	83	650	UPPER MIOCENE		44-	35-	21-	90-	A	A	C	R	
236 -	10	1 41S	57 39E	4487	92	660	UPPER MIOCENE		-	-	-	-	C	A	C	N	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	MICARB NANNO OOZE	233A-	6
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	MICARB NANNO OOZE	233A-	7
-	-	-	-	-	-	-	-	-	-	-	-	DIABASE	233A-	8
-	-	-	-	-	-	-	-	-	-	-	-	DIABASE	233A-	9
-	-	-	-	-	-	-	-	-	-	-	-	NO RECOVERY	233A-	10
-	-	-	-	-	-	-	-	-	-	-	-	NO RECOVERY	233A-	11
-	-	-	-	-	-	-	-	-	-	-	-	NO RECOVERY	233A-	12
-	-	-	-	-	-	-	-	-	-	-	-	NO RECOVERY	233A-	13
0-0	7-9	2-7	4-4	0-6	1-2	5-8	N	C	MODERATE	NONE	SLIGHT	NANNO CLAY OOZE	234-	1
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	CLAY	234-	2
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	CLAY	234-	3
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	SLIGHT	CLAY	234-	4
-	-	-	-	-	-	-	R	N	MODERATE	NONE	MODERATE	NANNO RICH CLAY	234-	5
0-	12-	6-	3-	13-	10-	24-	N	N	MODERATE	NONE	SLIGHT	CLAY NANNO OOZE	234-	6
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	CLAY	234-	7
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	CLAY	234-	8
-	-	-	-	-	-	-	R	N	GREAT	NONE	SLIGHT	CLAY	234-	9
0-	5-	10-	0-	0-	7-	30-	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE, CLAY	234-	10
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	NANNO OOZE, CLAY	234-	11
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	NANNO CLAY, CLAY NANNO OOZE	234-	12
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CLAY, VOLC. ASH	234-	13
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	CLAY	234-	14
0-	9-	5-	5-	9-	16-	44-	R	N	SLIGHT	NONE	NONE	CLAY	234-	15
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	CLAY	234A-	1
0-	3-	0-	0-	0-	1-	0-	N	N	GREAT	NONE	NONE	NANNO OOZE	235-	1
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE	235-	2
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	235-	3
0-	5-	3-	2-	6-	2-	0-	N	N	GREAT	NONE	SLIGHT	NANNO OOZE	235-	4
0-0	0-14	0-0	0-6	0-6	0-7	0-25	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE, CLAY	235-	5
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	NANNO OOZE	235-	6
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	235-	7
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE, CLAY	235-	8
3-	3-	5-	4-	0-	1-	5-	R	N	NONE	NONE	SLIGHT	NANNO OOZE, NANNO CLAY	235-	9
0-0	0-13	0-23	0-9	0-7	0-5	0-24	R	N	NONE	NONE	SLIGHT	NANNO OOZE, NANNO CLAY	235-	11
-	-	-	-	-	-	-	N	N	NONE	NONE	SLIGHT	NANNO OOZE, NANNO CLAY	235-	12
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE, NANNO CLAY	235-	13
-	-	-	-	-	-	-	R	N	GREAT	NONE	SLIGHT	NANNO OOZE, NANNO CLAY	235-	14
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO OOZE, CLAY	235-	15
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CLAY	235-	16
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	235-	17
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	235-	18
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	235-	19
-	-	-	-	-	-	-	-	-	-	-	-	BASALT	235-	20
-	-	-	-	-	-	-	N	N	GREAT	REDDED	NONE	NANNO OOZE, RAD OOZE	236-	1
J-0	0-5	0-0	0-1	0-5	0-2	0-2	R	N	GREAT	NONE	NONE	NANNO OOZE	236-	2
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE	236-	3
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	NANNO OOZE, NANNO CLAY	236-	4
0-0	0-1	0-0	0-0	0-0	0-0	0-0	R	N	GREAT	NONE	NONE	NANNO FORAM OOZE	236-	5
0-	2-	0-	0-	3-	0-	3-	N	N	MODERATE	NONE	GREAT	NANNO OOZE, NANNO FORAM OOZE	236-	6
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE, NANNO FORAM OOZE	236-	7
0-	8-	4-	5-	7-	3-	11-	N	N	SLIGHT	NONE	GREAT	NANNO OOZE, NANNO FORAM OOZE	236-	8
0-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE, NANNO FORAM OOZE	236-	9
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE, NANNO FORAM OOZE	236-	10

MGG15055019

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOS	PYROCLASTICS
236 - 11		1 41S	57 39E	4487	102	300	UPPER MIOCENE		-	-	-	-	C	A	C		N
236 - 12		1 41S	57 39E	4487	111	950	UPPER MIOCENE		0-55	13-26	20-87	35-92	C	A	C		R
236 - 13		1 41S	57 39E	4487	121	950	UPPER MIOCENE		-	-	-	-	A	A	C		N
236 - 14		1 41S	57 39E	4487	130	410	UPPER MIOCENE		-	-	-	-	C	A	R		N
236 - 15		1 41S	57 39E	4487	140	950	UPPER MIOCENE	MIDDLE MIOCENE	0-	23-	77-	41-	C	A	N		R
236 - 16		1 41S	57 39E	4487	149	880	MIDDLE MIOCENE		0-	4-	96-	0-	C	N	N		R
236 - 17		1 41S	57 39E	4487	159	950	MIDDLE MIOCENE		-	-	-	-	R	C	N		N
236 - 18		1 41S	57 39E	4487	168	900	LOWER MIOCENE		-	-	-	-	C	C	N		N
236 - 19		1 41S	57 39E	4487	178	390	LOWER MIOCENE		0-	6-	94-	1-	R	A	N		N
236 - 20		1 41S	57 39E	4487	187	620	UPPER OLIGOCENE		0-	44-	56-	81-	R	A	R		N
236 - 21		1 41S	57 39E	4487	197	880	UPPER OLIGOCENE		-	-	-	-	R	A	R		N
236 - 22		1 41S	57 39E	4487	206	510	UPPER OLIGOCENE		19-	51-	31-	86-	R	A	C		R
236 - 23		1 41S	57 39E	4487	216	940	UPPER OLIGOCENE	LOWER OLIGOCENE	-	-	-	-	R	A	C		C
236 - 24		1 41S	57 39E	4487	225	950	LOWER OLIGOCENE		-	-	-	-	R	A	A		N
236 - 25		1 41S	57 39E	4487	235	950	LOWER OLIGOCENE		0-	52-	48-	95-	R	A	A		N
236 - 26		1 41S	57 39E	4487	244	950	LOWER OLIGOCENE		-	-	-	-	R	A	A		N
236 - 27		1 41S	57 39E	4487	254	180	LOWER OLIGOCENE		-	-	-	-	R	A	R		N
236 - 28		1 41S	57 39E	4487	263	120	UPPER EOCENE		-	-	-	-	R	A	C		N
236 - 29		1 41S	57 39E	4487	273	120	LOWER EOCENE		0-	58-	42-	80-	C	C	N		N
236 - 30		1 41S	57 39E	4487	282	180	LOWER EOCENE		-	-	-	-	C	C	R		N
236 - 31		1 41S	57 39E	4487	292	260	LOWER EOCENE		-	-	-	-	C	A	C		N
236 - 32		1 41S	57 39E	4487	301	330	UPPER PALEOCENE		-	-	-	-	C	C	R		N
236 - 33		1 41S	57 39E	4487	307	370	UPPER PALEOCENE		-	-	-	-	A	C	R		N
236 - 34		1 41S	57 39E	4487	313	280			-	-	-	-					
236 - 35		1 41S	57 39E	4487	322	310			-	-	-	-					
236 - 36		1 41S	57 39E	4487	326	300			-	-	-	-					
236 - 37		1 41S	57 39E	4487	328	150			-	-	-	-					
237 - 1		7 5S	58 7E	1622	7	440	PLEISTOCENE		-	-	-	-	A	A	R		N
237 - 2		7 5S	58 7E	1622	16	300	PLEISTOCENE		83-	10-	7-	-	A	A	R		R
237 - 3		7 5S	58 7E	1622	26	0	PLEISTOCENE		-	-	-	-					
237 - 4		7 5S	58 7E	1622	35	920	UPPER PLIOCENE		-	-	-	-	A	A	R		N
237 - 5		7 5S	58 7E	1622	45	930	UPPER PLIOCENE		-	-	-	-	A	A	R		N
237 - 6		7 5S	58 7E	1622	54	950	LOWER PLIOCENE		-	-	-	-	A	A	C		N
237 - 7		7 5S	58 7E	1622	64	950	LOWER PLIOCENE		-	-	-	-	A	A	N		N
237 - 8		7 5S	58 7E	1622	73	920	LOWER PLIOCENE		-	-	-	-	A	A	A		N
237 - 9		7 5S	58 7E	1622	83	940	LOWER PLIOCENE		-	-	-	-	A	A	C		N
237 - 10		7 5S	58 7E	1622	92	940	UPPER MIOCENE		-	-	-	-	A	A	A		N
237 - 11		7 5S	58 7E	1622	102	940	UPPER MIOCENE		-	-	-	-	A	A	A		N
237 - 12		7 5S	58 7E	1622	111	940	UPPER MIOCENE		-	-	-	-	A	A	C		P
237 - 13		7 5S	58 7E	1622	121	930	UPPER MIOCENE		-	-	-	-	A	A	N		R
237 - 14		7 5S	58 7E	1622	130	900	UPPER MIOCENE		-	-	-	-	A	A	N		R
237 - 15		7 5S	58 7E	1622	140	37^	MIDDLE MIOCENE		-	-	-	-	A	A	N		R
237 - 16		7 5S	58 7E	1622	149	930	MIDDLE MIOCENE		-	-	-	-	A	A	N		R
237 - 17		7 5S	58 7E	1622	159	930	MIDDLE MIOCENE		-	-	-	-	A	A	N		R
237 - 18		7 5S	58 7E	1622	168	930	LOWER MIOCENE		-	-	-	-	A	A	N		R
237 - 19		7 5S	58 7E	1622	178	900	LOWER MIOCENE		-	-	-	-	C	A	N		N
237 - 20		7 5S	58 7E	1622	187	920	LOWER MIOCENE		-	-	-	-	C	A	N		R
237 - 21		7 5S	58 7E	1622	197	950	LOWER MIOCENE	OLIGOCENE	-	-	-	-	A	A	N		R
237 - 22		7 5S	58 7E	1622	206	420	OLIGOCENE		-	-	-	-	A	A	N		R
237 - 23		7 5S	58 7E	1622	216	940	OLIGOCENE		-	-	-	-	A	C	N		R
237 - 24		7 5S	58 7E	1622	225	880	MIDDLE EOCENE		-	-	-	-	C	C	N		N
237 - 25		7 5S	58 7E	1622	235	950	MIDDLE EOCENE		-	-	-	-	C	C	A		R
237 - 26		7 5S	58 7E	1622	244	520	MIDDLE EOCENE		-	-	-	-	C	C	A		R
237 - 27		7 5S	58 7E	1622	254	940	MIDDLE EOCENE		-	-	-	-	C	C	A		R
237 - 28		7 5S	58 7E	1622	263	950	MIDDLE EOCENE		-	-	-	-	C	C	A		R
237 - 29		7 5S	58 7E	1622	273	900	MIDDLE EOCENE		-	-	-	-	C	C	A		R

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-0	1-3	0-1	0-1	1-3	0-1	0-2	R	N	MODERATE	NONE	SLIGHT	NANNO OOZE, NANNO FORAM OOZE	236 - 11	
							R	N	MODERATE	NONE	MODERATE	NANNO OOZE, NANNO FORAM OOZE	236 - 12	
							C	N	SLIGHT	NONE	MODERATE	NANNO OOZE, NANNO FORAM OOZE	236 - 13	
							N	N	GREAT	NONE	SLIGHT	NANNO OOZE	236 - 14	
0-	4-	1-	2-	4-	2-	5-	N	R	GREAT	NONE	MODERATE	NANNO OOZE, FORAM NANNO OOZE	236 - 15	
0-	14-	9-	4-	8-	7-	31-	N	R	MODERATE	NONE	SLIGHT	NANNO OOZE, CLAY	236 - 16	
							N	R	GREAT	NONE	SLIGHT	NANNO OOZE, CLAY	236 - 17	
							N	R	GREAT	NONE	NONE	NANNO OOZE, CLAY	236 - 18	
11-	6-	10-	1-	8-	7-	35-	N	R	MODERATE	NONE	NONE	NANNO OOZE, CLAY	236 - 19	
1-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	NONE	NANNO OOZE, CLAY	236 - 20	
							N	R	GREAT	NONE	NONE	NANNO OOZE	236 - 21	
0-	0-	0-	0-	0-	0-	0-	N	N	SLIGHT	NONE	NONE	NANNO CHALK	236 - 22	
							N	N	MODERATE	NONE	SLIGHT	NANNO CHALK	236 - 23	
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	NONE	NANNO CHALK	236 - 24	
							N	R	SLIGHT	NONE	NONE	NANNO CHALK	236 - 25	
							N	N	NONE	NONE	NONE	NANNO CHALK	236 - 26	
							N	N	GREAT	NONE	NONE	NANNO CHALK, CHERT	236 - 27	
							N	N	MODERATE	NONE	MODERATE	NANNO CHALK	236 - 28	
1-	1-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO CHALK, CHERT	236 - 29	
							N	N	MODERATE	NONE	MODERATE	NANNO CHALK, CHERT	236 - 30	
							N	N	NONE	BEDDED	MODERATE	NANNO CHALK, CHERT	236 - 31	
							N	R	NONE	NONE	MODERATE	NANNO CHALK	236 - 32	
6-	0-	0-	0-	0-	0-	7-	N	R	SLIGHT	NONE	MODERATE	NANNO CHALK	236 - 33	
												BASALT	236 - 34	
												BASALT	236 - 35	
												BASALT	236 - 36	
												BASALT	236 - 37	
							N	N	MODERATE	NONE	SLIGHT	FORAM NANNO OOZE	237 - 1	
							N	N	GREAT	NONE	NONE	FORAM NANNO OOZE	237 - 2	
												NO RECOVERY	237 - 3	
							N	N	GREAT	NONE	NONE	NANNO OOZE	237 - 4	
							N	N	GREAT	NONE	NONE	FORAM NANNO OOZE	237 - 5	
							R	N	GREAT	NONE	SLIGHT	FORAM NANNO OOZE	237 - 6	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 7	
							N	N	GREAT	NONE	NONE	FORAM NANNO OOZE	237 - 8	
							N	N	GREAT	NONE	NONE	FORAM NANNO OOZE	237 - 9	
							N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 10	
							N	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	237 - 11	
							N	N	MODERATE	NONE	SLIGHT	FORAM RICH NANNO OOZE	237 - 12	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 13	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 14	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 15	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 16	
							N	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	237 - 17	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 18	
							N	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	237 - 19	
							N	N	GREAT	NONE	SLIGHT	FORAM RICH NANNO OOZE	237 - 20	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 21	
							N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	237 - 22	
							N	N	GREAT	NONE	MODERATE	FORAM RICH NANNO OOZE	237 - 23	
							N	N	GREAT	NONE	SLIGHT	FORAM RICH NANNO OOZE	237 - 24	
							N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	237 - 25	
							N	N	MODERATE	NONE	NONE	NANNO OOZE	237 - 26	
							N	N	MODERATE	NONE	NONE	NANNO OOZE	237 - 27	
							N	R	SLIGHT	NONE	NONE	NANNO OOZE	237 - 28	
							N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	237 - 29	

HOLE	CORE	LATITUDE		LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSS.	PYROCLASTICS
237 - 30		7 5S	58 7E		1622	282	950	MIDDLE EOCENE		-	-	-	-	C	C	A	R	
237 - 31		7 5S	58 7E		1622	292	150	MIDDLE EOCENE		-	-	-	-	C	C	A	R	
237 - 32		7 5S	58 7E		1622	301	330	MIDDLE EOCENE		-	-	-	-	C	C	A	R	
237 - 33		7 5S	58 7E		1622	311	0			-	-	-	-					R
237 - 34		7 5S	58 7E		1622	320	80	LOWER EOCENE		-	-	-	-	C	A	N	N	R
237 - 35		7 5S	58 7E		1622	330	60	LOWER EOCENE		-	-	-	-	C	A	N	R	R
237 - 36		7 5S	58 7E		1622	339	130	LOWER EOCENE		-	-	-	-	C	A	N	R	R
237 - 37		7 5S	58 7E		1622	345	190	LOWER EOCENE		-	-	-	-	C	A	C	N	R
237 - 38		7 5S	58 7E		1622	355	150	LOWER EOCENE		-	-	-	-	C	C	C	N	
237 - 39		7 5S	58 7E		1622	364	0			-	-	-	-					
237 - 40		7 5S	58 7E		1622	374	0			-	-	-	-					
237 - 41		7 5S	58 7E		1622	393	220	UPPER PALEOCENE		-	-	-	-	C	A	C	N	
237 - 42		7 5S	58 7E		1622	402	130	UPPER PALEOCENE		-	-	-	-	C	A	R	N	
237 - 43		7 5S	58 7E		1622	412	430	UPPER PALEOCENE		-	-	-	-	C	A	N	N	
237 - 44		7 5S	58 7E		1622	421	430	UPPER PALEOCENE		-	-	-	-	C	C	N	R	
237 - 45		7 5S	58 7E		1622	431	300	UPPER PALEOCENE		-	-	-	-	C	C	N	R	
237 - 46		7 5S	58 7E		1622	440	200	UPPER PALEOCENE		-	-	-	-	C	C	A	N	R
237 - 47		7 5S	58 7E		1622	450	210	UPPER PALEOCENE		-	-	-	-	C	C	A	N	R
237 - 48		7 5S	58 7E		1622	459	150	UPPER PALEOCENE		-	-	-	-	C	C	N	R	
237 - 49		7 5S	58 7E		1622	469	300	UPPER PALEOCENE		-	-	-	-	C	C	N	R	
237 - 50		7 5S	58 7E		1622	478	150	UPPER PALEOCENE		-	-	-	-	C	C	N	N	C
237 - 51		7 5S	58 7E		1622	488	180	UPPER PALEOCENE		-	-	-	-	C	C	N	C	R
237 - 52		7 5S	58 7E		1622	497	130	UPPER PALEOCENE		-	-	-	-	C	C	N	R	R
237 - 53		7 5S	58 7E		1622	507	170	UPPER PALEOCENE		-	-	-	-	R	C	N	R	R
237 - 54		7 5S	58 7E		1622	516	60	UPPER PALEOCENE		-	-	-	-	R	C	N	R	R
237 - 55		7 5S	58 7E		1622	526	30	UPPER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 56		7 5S	58 7E		1622	535	150	UPPER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 57		7 5S	58 7E		1622	545	40	UPPER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 58		7 5S	58 7E		1622	554	110	UPPER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 59		7 5S	58 7E		1622	564	50	UPPER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 60		7 5S	58 7E		1622	573	0	UPPER PALEOCENE		-	-	-	-					
237 - 61		7 5S	58 7E		1622	583	100			-	-	-	-					
237 - 62		7 5S	58 7E		1622	602	250	LOWER PALEOCENE		-	-	-	-	N	N	N	N	R
237 - 63		7 5S	58 7E		1622	621	240	LOWER PALEOCENE		-	-	-	-	N	N	N	N	R
237 - 64		7 5S	58 7E		1622	640	220	LOWER PALEOCENE		-	-	-	-	N	N	N	N	R
237 - 65		7 5S	58 7E		1622	659	380	LOWER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 66		7 5S	58 7E		1622	678	450	LOWER PALEOCENE		-	-	-	-	R	R	N	N	R
237 - 67		7 5S	58 7E		1622	694	660	LOWER PALEOCENE		-	-	-	-	R	R	N	N	R
238 - 1		11 9S	70 32E		2826	10	930	PLEISTOCENE		27-	32-	42-	91-	A	A	A	N	
238 - 2		11 9S	70 32E		2826	19	900	PLEISTOCENE		-	-	-	-	A	A	A	N	
238 - 3		11 9S	70 32E		2826	29	940	PLEISTOCENE		23-	30-	47-	91-	A	A	A	N	
238 - 4		11 9S	70 32E		2826	38	930	UPPER PLIOCENE		-	-	-	-	A	A	A	N	
238 - 5		11 9S	70 32E		2826	44	520	UPPER PLIOCENE		33-	27-	40-	92-	C	C	A	N	
238 - 6		11 9S	70 32E		2826	54	600	UPPER PLIOCENE		-	-	-	-	A	C	A	N	
238 - 7		11 9S	70 32E		2826	63	900	UPPER PLIOCENE		1-20	32-37	48-66	92-94	A	C	A	N	
238 - 8		11 9S	70 32E		2826	73	360	UPPER PLIOCENE		-	-	-	-	A	A	A	N	
238 - 9		11 9S	70 32E		2826	82	230	UPPER PLIOCENE		-	-	-	-	A	A	A	N	
238 - 10		11 9S	70 32E		2826	92	910	UPPER PLIOCENE		19-	39-	43-	93-	A	A	A	N	
238 - 11		11 9S	70 32E		2826	101	930	LOWER PLIOCENE		9-	40-	52-	86-	A	A	A	R	
238 - 12		11 9S	70 32E		2826	111	880	LOWER PLIOCENE		-	-	-	-	A	A	A	N	
238 - 13		11 9S	70 32E		2826	120	700	LOWER PLIOCENE		5-	40-	55-	87-	A	A	A	N	
238 - 14		11 9S	70 32E		2826	130	720	LOWER PLIOCENE		52-56	27-30	16-19	97-97	A	A	C	N	
238 - 15		11 9S	70 32E		2826	139	950	LOWER PLIOCENE		11-	36-	53-	94-	A	A	A	R	
238 - 16		11 9S	70 32E		2826	149	920	UPPER MIOCENE		0-32	35-44	25-65	94-96	A	A	A	R	
238 - 17		11 9S	70 32E		2826	158	900	UPPER MIOCENE		-	-	-	-	A	A	A	N	
238 - 18		11 9S	70 32E		2826	168	870	UPPER MIOCENE		-	-	-	-	A	A	A	N	

ZONITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTILING	LITHOLOGY	HOLE	CORE
.	.	.	.	.	.	.	N	N	GREAT	NONE	MODERATE	NANNO OOZE	237	30
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	NANNO OOZE	237	31
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	NANNO OOZE	237	32
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NO RECOVERY	237	33
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	SILIC. L/S	237	34
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	SILIC. L/S	237	35
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	SILIC. L/S, NANNO CHALK	237	36
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	SILIC. L/S, NANNO CHALK	237	37
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	SILIC. L/S, NANNO CHALK	237	38
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NO RECOVERY	237	39
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NO RECOVERY	237	40
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	CHERT, NANNO CHALK, L/S	237	41
.	.	.	.	.	.	.	N	N	MODERATE	NONE	NONE	LIMESTONE	237	42
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	GLAUC. L/S	237	43
.	.	.	.	.	.	.	N	R	NONE	NONE	NONE	FORAM RICH NANNO L/S	237	44
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO CHLK & L/S	237	45
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	NANNO CHLK & L/S	237	46
.	.	.	.	.	.	.	N	R	SLIGHT	NONE	NONE	NANNO CHLK & L/S	237	47
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	NANNO CHLK & L/S	237	48
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	NANNO CHLK & L/S	237	49
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NANNO CHLK & L/S	237	50
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	NANNO CHLK & L/S	237	51
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	NANNO CHLK & L/S	237	52
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	NANNO CHLK & L/S	237	53
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	NANNO CHLK & L/S	237	54
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	BIOMICRITE	237	55
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	MICRITE	237	56
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	MICRITE	237	57
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	MICRITE, CHERT	237	58
.	.	.	.	.	.	.	N	R	NONE	NONE	NONE	MICRITE, CHERT	237	59
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	NO RECOVERY	237	60
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	MICRITE W/CHERT	237	61
.	.	.	.	.	.	.	R	N	NONE	NONE	GREAT	MICRITE	237	62
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	MICRITE W/CHERT	237	63
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	MICRITE W/CHERT	237	64
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	MICRITE	237	65
.	.	.	.	.	.	.	R	N	NONE	NONE	NONE	MICRITE W/CHERT	237	66
.	.	.	.	.	.	.	R	R	NONE	NONE	NONE	MICRITE	237	67
0-	0-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	238	1
.	.	.	.	.	.	.	C	N	GREAT	NONE	SLIGHT	FORAM RICH NANNO OOZE	238	2
.	.	.	.	.	.	.	N	N	GREAT	NONE	GREAT	NANNO OOZE	238	3
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	238	4
0-	0-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	238	5
.	.	.	.	.	.	.	N	N	GREAT	NONE	SLIGHT	NANNO OOZE	238	6
0-0	0-0	0-0	0-0	0-0	0-0	0-0	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	7
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	238	8
.	.	.	.	.	.	.	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	238	9
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	10
.	.	.	.	.	.	.	N	N	NONE	NONE	NONE	FORAM RICH NANNO OOZE	238	11
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	12
.	.	.	.	.	.	.	N	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	238	13
0-0	0-0	0-0	0-0	0-0	0-0	0-0	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	14
0-	0-	0-	0-	0-	0-	0-	R	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	15
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	NANNO OOZE	238	16
.	.	.	.	.	.	.	R	N	NONE	NONE	MODERATE	NANNO OOZE	238	17
.	.	.	.	.	.	.	R	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	18

HOLE	CORE	LATITUDE		LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSS.	PYROCLASTICS
238 - 19		11 9S	70 32E		2826	177	910	UPPER MIOCENE		-	-	-	-	A A A			N	
238 - 20		11 9S	70 32E		2826	187	950	UPPER MIOCENE		-	-	-	-	A A A			N	
238 - 21		11 9S	70 32E		2826	196	920	UPPER MIOCENE		-	-	-	-	A A A			N	
238 - 22		11 9S	70 32E		2826	206	920	UPPER MIOCENE		-	-	-	-	A A A			N	
238 - 23		11 9S	70 32E		2826	215	900	UPPER MIOCENE		-	-	-	-	A A A			N	
238 - 24		11 9S	70 32E		2826	225	930	UPPER MIOCENE		-	-	-	-	A A R			N	
238 - 25		11 9S	70 32E		2826	234	950	UPPER MIOCENE		-	-	-	-	A A R			N	
238 - 26		11 9S	70 32E		2826	244	220	UPPER MIOCENE		-	-	-	-	A A R			N	
238 - 27		11 9S	70 32E		2826	253	800	UPPER MIOCENE		-	-	-	-	A A A			R	
238 - 28		11 9S	70 32E		2826	263	920	UPPER MIOCENE		-	-	-	-	A A C			N	
238 - 29		11 9S	70 32E		2826	272	940	UPPER MIOCENE		-	-	-	-	A A C			N	
238 - 30		11 9S	70 32E		2826	282	800	MIDDLE MIOCENE		-	-	-	-	A A C			N	
238 - 31		11 9S	70 32E		2826	291	0	MIDDLE MIOCENE		-	-	-	-	R A N			N	
238 - 32		11 9S	70 32E		2826	301	930	MIDDLE MIOCENE		-	-	-	-	C A R			N	
238 - 33		11 9S	70 32E		2826	310	160	MIDDLE MIOCENE		-	-	-	-	A C R			N	
238 - 34		11 9S	70 32E		2826	320	750	MIDDLE MIOCENE		-	-	-	-	C A C			N	
238 - 35		11 9S	70 32E		2826	329	850	MIDDLE MIOCENE		-	-	-	-	C A R			N	
238 - 36		11 9S	70 32E		2826	339	920	MIDDLE MIOCENE		-	-	-	-	C A R			N	
238 - 37		11 9S	70 32E		2826	348	950	MIDDLE MIOCENE		-	-	-	-	C A C			N	
238 - 38		11 9S	70 32E		2826	358	820	MIDDLE MIOCENE		8-	53-	39-	94-	C A C			N	
238 - 39		11 9S	70 32E		2826	367	800	MIDDLE MIOCENE		6-	57-	37-	89-	C A A			R	
238 - 40		11 9S	70 32E		2826	377	260	LOWER MIOCENE		-	-	-	-	C A N			N	
238 - 41		11 9S	70 32E		2826	386	790	LOWER MIOCENE		-	-	-	-	C A N			N	
238 - 42		11 9S	70 32E		2826	396	570	LOWER MIOCENE		5-	60-	36-	90-	C A N			N	
238 - 43		11 9S	70 32E		2826	405	900	LOWER MIOCENE		-	-	-	-	C A N			N	
238 - 44		11 9S	70 32E		2826	415	920	UPPER OLIGOCENE		-	-	-	-	C A N			R	
238 - 45		11 9S	70 32E		2826	424	300	UPPER OLIGOCENE		-	-	-	-	C A N			N	
238 - 46		11 9S	70 32E		2826	434	450	UPPER OLIGOCENE		-	-	-	-	C A N			N	
238 - 47		11 9S	70 32E		2826	443	550	UPPER OLIGOCENE		-	-	-	-	C A N			N	
238 - 48		11 9S	70 32E		2826	453	430	UPPER OLIGOCENE		-	-	-	-	C A N			R	
238 - 49		11 9S	70 32E		2826	462	320	UPPER OLIGOCENE		0-	55-	45-	92-	R A N			N	
238 - 50		11 9S	70 32E		2826	472	550	UPPER OLIGOCENE		-	-	-	-	R A N			N	
238 - 51		11 9S	70 32E		2826	481	500	UPPER OLIGOCENE		2-5	53-56	40-45	63-93	C A N			R	
238 - 52		11 9S	70 32E		2826	491	670	UPPER OLIGOCENE		5-	63-	33-	1-89	C A N			C	
238 - 53		11 9S	70 32E		2826	500	620	UPPER OLIGOCENE		1-1	62-64	35-37	69-81	R A N			C	
238 - 54		11 9S	70 32E		2826	506	130	LOWER OLIGOCENE		1-	66-	33-	90-	C A N			C	
238 - 55		11 9S	70 32E		2826	516	420			-	-	-	-	C A R			P	
238 - 56		11 9S	70 32E		2826	525	450			-	-	-	-					
238 - 57		11 9S	70 32E		2826	532	350			-	-	-	-					
238 - 58		11 9S	70 32E		2826	539	650			-	-	-	-					
238 - 59		11 9S	70 32E		2826	548	560			-	-	-	-					
238 - 60		11 9S	70 32E		2826	557	460			-	-	-	-					
238 - 61		11 9S	70 32E		2826	566	570			-	-	-	-	N N N				
238 - 62		11 9S	70 32E		2826	575	320			-	-	-	-	N N N				
238 - 63		11 9S	70 32E		2826	581	20			-	-	-	-	N N N				
238 - 64		11 9S	70 32E		2826	587	230			-	-	-	-	N N N				
239 - 1		21 18S	51 41E		4971	9	500	PLEISTOCENE	PLIOCENE	0-34	37-55	12-63	1-91	R C N			R	
239 - 2		21 18S	51 41E		4971	18	10	UPPER PLIOCENE		-	-	-	-	R A N			R	
239 - 3		21 18S	51 41E		4971	27	400	UPPER PLIOCENE		0-0	33-46	54-67	6-23	R A N			R	
239 - 4		21 18S	51 41E		4971	75	500	UPPER MIOCENE		0-1	36-44	55-64	38-92	R A N			N	
239 - 5		21 18S	51 41E		4971	84	900	UPPER MIOCENE		-	-	-	68-	R D R			N	
239 - 6		21 18S	51 41E		4971	93	800	UPPER MIOCENE		-	-	-	54-95	R R N			N	
239 - 7		21 18S	51 41E		4971	131	500	MIDDLE MIOCENE		0-	49-	51-	90-90	R C N			N	
239 - 8		21 18S	51 41E		4971	140	900	UPPER MIOCENE		0-1	39-44	56-61	3-	R A R			R	
239 - 9		21 18S	51 41E		4971	149	900	UPPER MIOCENE		0-	29-	71-	0-0	R A N			R	
239 - 10		21 18S	51 41E		4971	158	10	LOWER MIOCENE		-	-	-	-	N N R			R	



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	FORAM RICH NANNO OOZE	238	- 19
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	FORAM RICH NANNO OOZE	238	- 20
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	- 21
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	- 22
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	FORAM RICH NANNO OOZE	238	- 23
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	238	- 24
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 25
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE	238	- 26
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	NANNO OOZE	238	- 27
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	238	- 28
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	FORAM RICH NANNO OOZE	238	- 29
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	- 30
-	-	-	-	-	-	-	R	N	NONE	NONE	NONE	NANNO OOZE	238	- 31
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	- 32
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE	238	- 33
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 34
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 35
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 36
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 37
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	NONE	NANNO OOZE	238	- 38
0-	0-	1-	0-	0-	0-	0-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 39
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	NONE	NANNO OOZE	238	- 40
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 41
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 42
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	- 43
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 44
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	NANNO OOZE	238	- 45
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 46
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	- 47
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	238	- 48
1-	0-	0-	0-	0-	0-	0-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	238	- 49
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	NANNO OOZE	238	- 50
0- 2	0- 0	0- 7	0- 3	0- 0	0- 0	0- 4	N	R	SLIGHT	NONE	SLIGHT	NANNO OOZE	238	- 51
0- 2	0- 0	0- 15	0- 12	0- 0	0- 0	0- 64	N	R	SLIGHT	NONE	SLIGHT	NANNO OOZE, VOLC. ASH	238	- 52
0- 15	0- 0	0- 0	0- 0	0- 0	0- 0	0- 1	N	R	SLIGHT	NONE	MODERATE	NANNO OOZE, VOLC. ASH	238	- 53
0- 19	0- 2	0- 0	0- 28	0- 0	0- 0	0- 11	N	R	SLIGHT	NONE	SLIGHT	NANNO OOZE, VOLC. ASH	238	- 54
-	-	-	-	-	-	-	N	R	NONE	NONE	NONE	BASALT, NANNO CHALK	238	- 55
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 56
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT, NANNO CHALK	238	- 57
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT, NANNO CHALK	238	- 58
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 59
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 60
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 61
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 62
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	238	- 63
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	GLASSY BRECCIA, BASALT	238	- 64
0- 7	1- 13	13- 14	11- 13	0- 10	0- 17	3- 7	N	N	GREAT	GRADED	NONE	SILTY CLAY, CLAYEY SILT	239	- 1
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	SILT RICH CLAYEY NANNO OOZE	239	- 2
0- 6	0- 2	0- 19	0- 30	0- 0	0- 0	0- 37	N	N	GREAT	NONE	NONE	CLAYEY NANNO OOZE	239	- 3
-	-	-	-	-	-	-	N	N	MODERATE	GRADED	NONE	CLAY RICH NANNO OOZE	239	- 4
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	CLAY RICH NANNO OOZE	239	- 5
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	SLIGHT	CLAY RICH NANNO OOZE	239	- 6
0- 0	2- 13	2- 26	5- 19	2- 7	2- 16	3- 17	R	N	GREAT	NONE	NONE	CLAY RICH CARB NANNO OOZE	239	- 7
0-	10-	9-	14-	6-	11-	13-	N	N	GREAT	NONE	NONE	SILTY CLAY, NANNO OOZE	239	- 8
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	SILTY CLAY, NANNO OOZE	239	- 9
-	-	-	-	-	-	-	N	R	GREAT	NONE	NONE	DET. SILTY CLAY	239	- 10

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOS.	PYROCLASTICS
239 - 11		21 18S	51 41E	4971	167	700			-	-	-	0-11	N	N	N	N	
239 - 12		21 18S	51 41E	4971	215	500			-	-	-	0-	N	N	N	N	
239 - 13		21 18S	51 41E	4971	224	800	UPPER OLIGOCENE		5-	50-	44-	0- 0	N	R	N	N	
239 - 14		21 18S	51 41E	4971	272	200	UPPER EOCENE		0-	15-	85-	75-	R	C	N	N	
239 - 15		21 18S	51 41E	4971	281	300	UPPER PALEOCENE		-	-	-	0- 0	R	A	N	N	
239 - 16		21 18S	51 41E	4971	290	500	UPPER PALEOCENE		-	-	-	-	R	C	N	N	
239 - 17		21 18S	51 41E	4971	298	700	UPPER PALEOCENE	LOWER PALEOCENE	-	-	-	20-	N	C	N	N	
239 - 18		21 18S	51 41E	4971	309	400	LOWER PALEOCENE		-	-	-	0-	R	C	N	N	
239 - 19		21 18S	51 41E	4971	317	200	LOWER PALEOCENE	UPPER CRETACEOUS	-	-	-	-	R	C	N	N	
239 - 20		21 18S	51 41E	4971	322	10			-	-	-	-	N	N	N	N	
239 - 21		21 18S	51 41E	4971	326	100			-	-	-	-	N	N	N	N	
240 - 1		3 29S	50 3E	5082	6	900	QUATERNARY		4- 9	29-51	45-62	24-28	R	C	A	N	
240 - 2		3 29S	50 3E	5082	14	0			-	-	-	-					
240 - 3		3 29S	50 3E	5082	82	700	PLIOCENE		66-	19-	15-	0-	C	C	R	N	
240 - 4		3 29S	50 3E	5082	157	100	UPPER MIOCENE		-	-	-	-	R	C	N	N	
240 - 5		3 29S	50 3E	5082	166	500	MIOCENE		93-	1-	6-	0-	R	C	N	N	
240 - 6		3 29S	50 3E	5082	192	0			-	-	-	-					
240 - 7		3 29S	50 3E	5082	193	100			-	-	-	-	R	N	N	N	
240 - 8		3 29S	50 3E	5082	195	10			-	-	-	-	N	N	N	N	
240A- 1		3 29S	50 3E	5082	177	100	UPPER MIOCENE		13-	11-	77-	0-	R	N	N	N	
240A- 2		3 29S	50 3E	5082	186	100	MIOCENE		97-	1-	3-	-	R	R	N	N	
240A- 3		3 29S	50 3E	5082	195	10	MIOCENE	UPPER PALEOCENE	-	-	-	-	A	D	N	N	
240A- 4		3 29S	50 3E	5082	202	0			-	-	-	-					
241 - 1		2 22S	44 41E	4054	9	900	HOLOCENE	QUATERNARY	-	-	-	54-57	C	A	R	N	
241 - 2		2 22S	44 41E	4054	18	800	QUATERNARY		3-	18-	80-	30-58	R	A	R	N	
241 - 3		2 22S	44 41E	4054	56	900	LOWER PLEISTOCENE		11-53	28-58	19-31	56-74	R	A	R	N	
241 - 4		2 22S	44 41E	4054	65	600	LOWER PLEISTOCENE		24-27	26-37	36-50	52-55	R	A	R	R	
241 - 5		2 22S	44 41E	4054	74	700	LOWER PLEISTOCENE		37-	40-	22-	48-55	R	A	R	N	
241 - 6		2 22S	44 41E	4054	113	900	UPPER PLIOCENE		-	-	-	66-72	R	D	R	R	
241 - 7		2 22S	44 41E	4054	151	700	UPPER PLIOCENE		-	-	-	23-	R	C	N	R	
241 - 8		2 22S	44 41E	4054	189	400	UPPER MIOCENE		-	-	-	48-	R	A	N	R	
241 - 9		2 22S	44 41E	4054	218	100	UPPER MIOCENE		-	-	-	37-	R	A	N	R	
241 - 10		2 22S	44 41E	4054	227	400	UPPER MIOCENE		26-69	20-36	11-38	-	R	D	N	R	
241 - 11		2 22S	44 41E	4054	265	500	UPPER MIOCENE		15-	33-	52-	44-58	R	A	N	N	
241 - 12		2 22S	44 41E	4054	303	100	MIDDLE MIOCENE	LOWER MIOCENE	-	-	-	16-	R	C	N	R	
241 - 13		2 22S	44 41E	4054	331	600	MIDDLE MIOCENE		-	-	-	46-	R	A	N	N	
241 - 14		2 22S	44 41E	4054	388	200	MIDDLE MIOCENE		-	-	-	-	R	R	N	N	
241 - 15		2 22S	44 41E	4054	407	500	LOWER MIOCENE		27-	32-	41-	64-	R	C	N	R	
241 - 16		2 22S	44 41E	4054	464	100	LOWER MIOCENE	UPPER OLIGOCENE	29-	42-	28-	80-	R	A	N	R	
241 - 17		2 22S	44 41E	4054	492	10	LOWER EOCENE		-	-	-	-	R	R	N	N	
241 - 18		2 22S	44 41E	4054	501	10	LOWER EOCENE		-	-	-	-	R	R	N	N	
241 - 19		2 22S	44 41E	4054	539	200	LOWER EOCENE		0- 1	7-81	18-93	-	R	R	N	N	
241 - 20		2 22S	44 41E	4054	548	10	LOWER EOCENE		-	-	-	1-	R	N	N	R	
241 - 21		2 22S	44 41E	4054	587	600	PALEOCENE		-	-	-	0-	R	R	N	N	
241 - 22		2 22S	44 41E	4054	635	500	CAMPANIAN		-	-	-	16-	R	R	N	N	
241 - 23		2 22S	44 41E	4054	692	500	CAMPANIAN		23-	46-	32-	4-	R	R	N	N	
241 - 24		2 22S	44 41E	4054	758	200	CAMPANIAN		-	-	-	8-	R	C	N	N	
241 - 25		2 22S	44 41E	4054	844	500	CAMPANIAN		0-	12-	88-	1-43	R	C	N	R	
241 - 26		2 22S	44 41E	4054	879	400	TURONIAN		-	-	-	1-46	R	R	N	R	
241 - 27		2 22S	44 41E	4054	986	500	TURONIAN		0- 0	17-23	77-83	1-51	R	R	N	N	
241 - 28		2 22S	44 41E	4054	1072	400	TURONIAN		36-	50-	14-	2-26	R	R	N	N	
241 - 29		2 22S	44 41E	4054	117	100			0- 0	9-14	86-91	0-46	R	R	N	N	
242 - 1		15 51S	41 49E	2275	4	400	PLEISTOCENE		-	-	-	64-64	A	A	N	N	
242 - 2		15 51S	41 49E	2275	61	500	UPPER PLIOCENE		-	-	-	54-60	A	A	N	N	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-0	17-17	17-26	8-10	10-13	15-27	17-24	N	N	MODERATE	NONE	SLIGHT	SILTY CLAY, CLAYEY SILT, L/S	239 - 11	
0-0	2-12	18-27	10-11	0-8	0-14	16-70	N	N	MODERATE	NONE	NONE	SILTY CLAY	239 - 12	
0-0	16-	17-	8-	11-	6-	9-	N	N	MODERATE	NONE	SLIGHT	BROWN CLAY	239 - 13	
0-0	10-	30-	17-	9-	3-	32-	N	R	GREAT	NONE	NONE	SILTY CLAY, NANNO CHALK	239 - 14	
									SLIGHT	BEDDED	SLIGHT	BROWN CLAY, NANNO OOZE	239 - 15	
							N	R	SLIGHT	NONE	SLIGHT	BROWN CLAY	239 - 16	
0-	22-	40-	12-	15-	0-	4-	N	R	MODERATE	NONE	NONE	BROWN CLAY, NANNO OOZE	239 - 17	
							N	R	NONE	NONE	NONE	BROWN CLAY	239 - 18	
							N	N	GREAT	NONE	NONE	BROWN CLAY, NANNO OOZE	239 - 19	
							N	N	NONE	NONE	NONE	BASALT	239 - 20	
							N	N	NONE	NONE	NONE	BASALT	239 - 21	
0-	20-	12-	11-	16-	10-	19-	N	N	GREAT	NONE	NONE	RAD OOZE, SILTY CLAY	240 - 1	
0-0	15-17	6-16	10-14	15-23	11-12	25-27	R	N	MODERATE	NONE	NONE	NO RECOVERY	240 - 2	
0-	31-	30-	21-	4-	3-	10-	N	N	GREAT	NONE	NONE	SILTY CLAY	240 - 3	
							N	N	GREAT	NONE	NONE	QTZ SAND, SILTY CLAY	240 - 4	
												SILTY CLAY, SILTY SAND	240 - 5	
							N	N	NONE	NONE	NONE	NO RECOVERY	240 - 6	
							N	N	NONE	NONE	NONE	BASALT	240 - 7	
												BASALT	240 - 8	
0-	17-	22-	19-	9-	5-	21-	N	N	GREAT	NONE	NONE	SILTY CLAY, CLAY	240A - 1	
							N	N	GREAT	NONE	NONE	SAND, CLAY	240A - 2	
							N	N	GREAT	NONE	NONE	NANNO OOZE	240A - 3	
												NO RECOVERY	240A - 4	
0-0	1-3	2-2	0-2	0-4	1-2	0-2	N	N	GREAT	NONE	NONE	NANNO OOZE	241 - 1	
0-0	1-6	0-2	0-0	3-5	0-2	0-2	R	N	GREAT	NONE	NONE	NANNO OOZE	241 - 2	
0-0	2-8	2-3	0-3	2-7	1-3	0-6	R	N	GREAT	NONE	NONE	NANNO OOZE	241 - 3	
0-	6-	2-	2-	3-	2-	0-	N	N	GREAT	NONE	NONE	NANNO OOZE	241 - 4	
0-	3-	1-	1-	3-	2-	1-	R	N	GREAT	NONE	SLIGHT	NANNO OOZE	241 - 5	
0-	1-	1-	2-	1-	0-	0-	R	N	GREAT	NONE	NONE	FORAM CLAY RICH NANNO OOZE	241 - 6	
0-	7-	4-	10-	8-	3-	8-	R	N	GREAT	NONE	NONE	NANNO RICH CLAY	241 - 7	
0-	11-	16-	11-	6-	3-	8-	R	N	MODERATE	NONE	NONE	CLAYEY NANNO OOZE	241 - 8	
							R	N	SLIGHT	NONE	NONE	CLAYEY NANNO OOZE	241 - 9	
							R	N	MODERATE	GRADED	NONE	NANNO OOZE, ARKOSIC SAND	241 - 10	
0-0	8-11	12-18	7-12	8-15	4-4	25-25	R	N	SLIGHT	GRADED	NONE	NANNO OOZE	241 - 11	
0-0	11-	17-	11-	24-	7-	20-	N	N	SLIGHT	NONE	NONE	NANNO RICH CLAY, NANNO OOZE	241 - 12	
0-0	9-	7-	1-	8-	5-	12-	R	N	MODERATE	GRADED	MODERATE	CLAY, CLAYEY NANNO OOZE	241 - 13	
0-0	2-	0-	0-	0-	0-	98-	R	N	MODERATE	BEDDED	NONE	SILTY CLAY	241 - 14	
									SLIGHT	GRADED	NONE	SILTY CLAY, NANNO OOZE	241 - 15	
0-	14-	28-	27-	14-	4-	9-	N	N	SLIGHT	GRADED	MODERATE	CLAY RICH NANNO OOZE	241 - 16	
0-	13-	11-	3-	16-	13-	19-	N	N	GREAT	NONE	NONE	SILTY CLAY	241 - 17	
							N	N	GREAT	NONE	NONE	CLAY	241 - 18	
							N	N	MODERATE	BEDDED	NONE	CLAYSTN, SILTSTN	241 - 19	
							N	N	SLIGHT	NONE	NONE	CLAYSTONE	241 - 20	
0-0	18-24	16-16	4-6	19-25	6-7	9-11	N	R	SLIGHT	GRADED	SLIGHT	CLAYSTONE	241 - 21	
0-	16-	14-	5-	20-	3-	8-	N	R	SLIGHT	GRADED	NONE	CLAYSTONE	241 - 22	
0-	16-	7-	2-	17-	5-	20-	N	N	SLIGHT	NONE	NONE	CLAYSTONE	241 - 23	
0-	15-	6-	1-	18-	1-	25-	N	R	MODERATE	NONE	NONE	CLAYSTONE	241 - 24	
							N	N	MODERATE	NONE	NONE	CLAYSTONE	241 - 25	
0-0	9-21	1-9	0-5	5-28	1-7	10-22	N	N	MODERATE	GRADED	NONE	SILTY CLAYSTN	241 - 26	
									SLIGHT	GRADED	NONE	CLAYSTONE	241 - 27	
0-0	18-26	9-18	1-20	5-25	0-0	5-20	R	N	SLIGHT	GRADED	NONE	CLAYSTONE	241 - 28	
0-0	14-25	0-7	0-5	11-15	0-2	28-44	N	N	GREAT	NONE	NONE	CLAYSTONE	241 - 29	
							R	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	242 - 1	
							R	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	242 - 2	

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HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOS	PYROCLASTICS
242	- 3	15 51S	41 49E	2275	137	900	LOWER PLIOCENE		-	-	-	65-	C	A	N	N	
242	- 4	15 51S	41 49E	2275	156	800	UPPER MIOCENE		-	-	-	61-	C	A	N	N	
242	- 5	15 51S	41 49E	2275	242	500	UPPER MIOCENE		-	-	-	67-	R	A	N	N	
242	- 6	15 51S	41 49E	2275	317	300	UPPER MIOCENE	MIDDLE MIOCENE	-	-	-	63-	R	A	N	N	
242	- 7	15 51S	41 49E	2275	412	900	MIDDLE MIOCENE		1-	26-	73-	45-50	R	A	N	N	
242	- 8	15 51S	41 49E	2275	488	600	LOWER MIOCENE	UPPER OLIGOCENE	0-	24-	76-	30-	R	A	N	N	
242	- 9	15 51S	41 49E	2275	564	900	UPPER OLIGOCENE		-	-	-	50-65	R	A	N	N	
242	- 10	15 51S	41 49E	2275	611	900	MIDDLE OLIGOCENE		-	-	-	44-46	R	A	N	N	
242	- 11	15 51S	41 49E	2275	620	10	MIDDLE OLIGOCENE		-	-	-	-	R	A	N	N	
242	- 12	15 51S	41 49E	2275	631	400	LOWER OLIGOCENE		-	-	-	50-	R	A	N	N	
242	- 13	15 51S	41 49E	2275	640	900	LOWER OLIGOCENE		-	-	-	52-53	C	A	N	R	
242	- 14	15 51S	41 49E	2275	649	500	LOWER OLIGOCENE		-	-	-	55-56	R	A	N	N	
242	- 15	15 51S	41 49E	2275	653	400	UPPER EOCENE		-	-	-	51-	A	A	N	R	
242	- 16	15 51S	41 49E	2275	658	100	UPPER EOCENE		-	-	-	30-	C	A	N	R	
242	- 17	15 51S	41 49E	2275	669	100	UPPER EOCENE		-	-	-	57-	C	A	N	R	
242	- 18	15 51S	41 49E	2275	673	100	UPPER EOCENE		-	-	-	47-	C	A	N	R	
242	- 19	15 51S	41 49E	2275	676	300	UPPER EOCENE		1-	35-	65-	35-47	C	A	N	R	
243	- 1	22 54S	41 24E	3879	6	10	RECENT	PLIOCENE	-	-	-	-	R	N	N	N	
244	- 1	22 56S	41 26E	3768	3	10			-	-	-	-	N	N	N	N	
245	- 1	31 32S	52 18E	4857	16	800			0- 0	24-30	70-76	0-	N	R	N	N	
245	- 2	31 32S	52 18E	4857	70	10	UPPER EOCENE		-	-	-	9-65	R	A	N	N	
245	- 3	31 32S	52 18E	4857	130	400	MIDDLE EOCENE		-	-	-	60-83	C	A	N	N	
245	- 4	31 32S	52 18E	4857	168	800	LOWER EOCENE		-	-	-	-	C	A	N	N	
245	- 5	31 32S	52 18E	4857	216	700	LOWER EOCENE		-	-	-	85-	A	A	N	R	
245	- 6	31 32S	52 18E	4857	254	200	LOWER EOCENE		-	-	-	81-	A	A	N	N	
245	- 7	31 32S	52 18E	4857	263	200	LOWER EOCENE	UPPER PALEOCENE	-	-	-	-	A	A	N	N	
245	- 8	31 32S	52 18E	4857	292	200	LOWER EOCENE		-	-	-	86-90	A	A	N	N	
245	- 9	31 32S	52 18E	4857	320	300	UPPER PALEOCENE		-	-	-	76-	C	A	N	N	
245	- 10	31 32S	52 18E	4857	329	400	UPPER PALEOCENE		-	-	-	33-49	C	A	N	C	
245	- 11	31 32S	52 18E	4857	338	700	UPPER PALEOCENE		-	-	-	52-	C	A	N	C	
245	- 12	31 32S	52 18E	4857	347	600	UPPER PALEOCENE		-	-	-	84-86	R	C	N	C	
245	- 13	31 32S	52 18E	4857	359	700	UPPER PALEOCENE		-	-	-	77-80	C	C	N	C	
245	- 14	31 32S	52 18E	4857	368	800	LOWER PALEOCENE		4-	55-	41-	71-76	C	C	N	C	
245	- 15	31 32S	52 18E	4857	376	400	LOWER PALEOCENE		-	-	-	58-63	A	R	N	C	
245	- 16	31 32S	52 18E	4857	389	100	LOWER PALEOCENE		-	-	-	47-	A	A	N	N	
245	- 17	31 32S	52 18E	4857	393	10			-	-	-	-	N	N	N	N	
245	- 18	31 32S	52 18E	4857	395	10			-	-	-	-	N	N	N	N	
245	- 19	31 32S	52 18E	4857	397	100			-	-	-	-	N	N	N	N	
245A-	1	31 32S	52 18E	4857	35	900			-	-	-	0-	N	N	N	N	
245A-	2	31 32S	52 18E	4857	63	900	UPPER EOCENE		0-	23-	77-	50-	R	C	N	N	
245A-	3	31 32S	52 18E	4857	72	200	UPPER EOCENE		-	-	-	59-	R	A	N	N	
245A-	4	31 32S	52 18E	4857	81	700	UPPER EOCENE		0-	26-	74-	12-	R	C	N	N	
245A-	5	31 32S	52 18E	4857	100	500	UPPER EOCENE		0- 0	15-17	83-85	0-	R	R	N	N	
245A-	6	31 32S	52 18E	4857	109	400	MIDDLE EOCENE		-	-	-	0-	C	R	N	N	
245A-	7	31 32S	52 18E	4857	149	900	LOWER EOCENE		-	-	-	79-	A	C	N	N	
246	- 1	33 37S	45 10E	1030	4	10	QUATERNARY		-	-	-	-	A	A	N	N	
246	- 2	33 37S	45 10E	1030	61	10	LOWER PLIOCENE		-	-	-	-	A	C	N	N	
246	- 3	33 37S	45 10E	1030	89	10	MIDDLE MIOCENE		-	-	-	-	D	R	N	N	
246	- 4	33 37S	45 10E	1030	128	10	LOWER MIOCENE		-	-	-	-	C	C	N	C	
246	- 5	33 37S	45 10E	1030	137	900	LOWER MIOCENE	LOWER EOCENE	68-88	7-21	5-11	51-	C	C	R	N	R
246	- 6	33 37S	45 10E	1030	146	10	LOWER EOCENE		-	-	-	-	R	R	N	N	
246	- 7	33 37S	45 10E	1030	155	0			-	-	-	-	R	R	N	N	
246	- 8	33 37S	45 10E	1030	164	10	LOWER EOCENE		-	-	-	-	R	R	N	N	
246	- 9	33 37S	45 10E	1030	173	900	LOWER EOCENE		65-84	10-22	7-14	77-81	R	R	N	N	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	6-	3-	2-	8-	3-	0-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	242 -	3
0-	4-	3-	3-	7-	2-	0-	C	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	242 -	4
0-	3-	3-	2-	9-	2-	2-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	242 -	5
0-	2-	0-	0-	3-	1-	5-	R	N	SLIGHT	NONE	NONE	FORAM BEARING NANNO CHLK	242 -	6
0-	4-	10-	2-	10-	0-	4-	N	N	SLIGHT	NONE	SLIGHT	CLAYEY NANNO CHLK	242 -	7
0-	7-	6-	2-	16-	0-	2-	N	C	SLIGHT	NONE	MODERATE	NANNO CHLK, MN CARB CHLK	242 -	8
0-	3-	0-	3-	5-	5-	4-	N	N	SLIGHT	BEDDED	GREAT	CLAYEY NANNO CHLK	242 -	9
0-0	5-6	4-7	3-3	9-21	2-4	5-6	N	N	SLIGHT	BEDDED	GREAT	CLAYEY NANNO CHLK	242 -	10
-	-	-	-	-	-	-	-	-	-	-	-	CLAYEY NANNO CHLK	242 -	11
0-	3-	3-	2-	11-	2-	3-	N	N	NONE	BEDDED	GREAT	CLAYEY NANNO CHLK	242 -	12
-	-	-	-	-	-	-	N	R	NONE	BEDDED	GREAT	CLAYEY NANNO CHLK	242 -	13
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	CLAYEY NANNO CHLK	242 -	14
-	-	-	-	-	-	-	N	R	SLIGHT	BEDDED	GREAT	CLAYEY NANNO CHLK	242 -	15
0-	10-	6-	6-	14-	2-	2-	N	N	NONE	BEDDED	MODERATE	NANNO CLAYSTN	242 -	16
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	CLAYEY NANNO CHLK	242 -	17
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	SLIGHT	CLAYEY NANNO CHLK	242 -	18
0-	4-	7-	2-	13-	2-	2-	N	N	SLIGHT	BEDDED	MODERATE	CLAYEY NANNO CHLK	242 -	19
-	-	-	-	-	-	-	N	N	-	-	-	QUARTZ SAND	244 -	1
-	-	-	-	-	-	-	R	N	-	-	-	SILT CLAY, SAND, GRAVEL	244 -	1
0-	26-	17-	19-	19-	7-	10-	N	R	GREAT	NONE	NONE	BROWN CLAY	245 -	1
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO RICH CLAY, NANNO OOZE	245 -	2
-	-	-	-	-	-	-	N	R	GREAT	NONE	NONE	SILTY CLAY, NANNO OOZE	245 -	3
2-	1-	0-	0-	2-	0-	0-	N	N	GREAT	NONE	NONE	NANNO OOZE	245 -	4
0-	1-	6-	12-	0-	0-	61-	N	N	GREAT	NONE	NONE	NANNO CHLK, NANNO OOZE	245 -	5
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	GREAT	NANNO CHLK, CHERT	245 -	6
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO CHLK, CHERT	245 -	7
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO CHLK, CHERT	245 -	8
0-	0-	0-	0-	0-	0-	1-	N	N	SLIGHT	BEDDED	MODERATE	NANNO CHLK, CHERT	245 -	9
0-	6-	3-	0-	6-	0-	8-	N	N	NONE	NONE	MODERATE	CARB CLAY RICH NANNO CHLK	245 -	10
0-C	0-3	0-0	3-9	0-0	0-0	19-92	N	N	NONE	NONE	GREAT	CLAY NANNO CHLK, ASH	245 -	11
0-	0-	0-	0-	0-	0-	2-	N	N	NONE	NONE	GREAT	CLAY NANNO CHLK, ASH	245 -	12
0-0	0-1	0-0	7-46	0-0	0-0	53-89	N	N	NONE	NONE	GREAT	CLAY NANNO CHLK, ASH	245 -	13
0-	1-	0-	0-	0-	0-	99-	N	C	NONE	NONE	GREAT	CLAY NANNO CHLK, ASH	245 -	14
0-	1-	0-	0-	0-	0-	74-	N	C	NONE	NONE	GREAT	CLAY NANNO CHLK, ASH	245 -	15
-	-	-	-	-	-	-	N	C	NONE	NONE	MODERATE	CLAYEY NANNO CHLK	245 -	16
-	-	-	-	-	-	-	N	N	-	-	-	GLASSY BASALT	245 -	17
-	-	-	-	-	-	-	N	N	-	-	-	DIABASIC BASALT	245 -	18
-	-	-	-	-	-	-	N	N	-	-	-	DIABASIC BASALT	245 -	19
0-	20-	4-	17-	18-	6-	8-	N	N	GREAT	NONE	NONE	CLAY, SILTY CLAY	245A-	1
0-	7-	4-	2-	6-	1-	0-	N	N	GREAT	NONE	NONE	SILTY CLAY, NANNO OOZE	245A-	2
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE	245A-	3
0-	13-	11-	7-	16-	2-	8-	N	R	GREAT	NONE	NONE	NANNO OOZE, SILTY CLAY	245A-	4
0-	17-	17-	9-	12-	2-	8-	N	R	GREAT	NONE	NONE	SILTY CLAY, NANNO CLAY	245A-	5
0-	16-	17-	5-	12-	2-	3-	N	N	GREAT	NONE	NONE	CLAY, NANNO OOZE	245A-	6
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CLAY RICH NANNO OOZE	245A-	7
-	-	-	-	-	-	-	N	N	GREAT	-	-	QTZ. RICH FORAM OOZE	246 -	1
-	-	-	-	-	-	-	N	N	-	-	-	FORAM NANNO OOZE	246 -	2
-	-	-	-	-	-	-	C	N	-	-	-	FORAM OOZE	246 -	3
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	VOLC. BRECCIA, SAND	246 -	4
0-	3-	4-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	FEL. RICH SHELLY CARB SAND	246 -	5
-	-	-	-	-	-	-	N	N	-	-	-	GLAUC-SHELL RICH CARB SAND	246 -	6
-	-	-	-	-	-	-	N	N	-	-	-	NO RECOVERY	246 -	7
-	-	-	-	-	-	-	N	N	-	-	-	SHELL RICH CARB S/S	246 -	8
0-0	0-0	0-31	0-0	0-0	0-0	0-0	N	N	GREAT	NONE	NONE	SHELLY CARB SAND	246 -	9

MGG15055019

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSS.	PYROCLASTICS
246	- 10	33 37S	45 10E	1030	185	100	LOWER EOCENE		-	-	-	-	R	R	N	C	
246	- 11	33 37S	45 10E	1030	194	200	LOWER EOCENE		65-94	3-20	3-15	67-	R	R	N	C	
247	- 1	33 38S	45 1E	944	8	10			-	-	-	-					
248	- 1	29 32S	37 28E	4994	1	10	QUATERNARY		-	-	-	-	R	A	N	N	
248	- 2	29 32S	37 28E	4994	10	300	QUATERNARY		4- 4	33-38	58-63	19-	R	A	N	N	
248	- 3	29 32S	37 28E	4994	56	10	UPPER PLYOCENE		-	-	-	-	R	A	N	N	
248	- 4	29 32S	37 28E	4994	130	700	UPPER PLYOCENE	UPPER MIOCENE	0-	31-	69-	19-	R	R	N	N	
248	- 5	29 32S	37 28E	4994	151	10			-	-	-	-	R	P	N	N	
248	- 6	29 32S	37 28E	4994	160	10	UPPER MIOCENE		-	-	-	-	R	C	N	N	
248	- 7	29 32S	37 28E	4994	208	10	MIDDLE MIOCENE		-	-	-	-	N	R	N	N	
248	- 8	29 32S	37 28E	4994	236	100			3-99	0-13	1-84	-	N	N	N	N	
248	- 9	29 32S	37 28E	4994	274	200			98-	0-	1-	-	N	N	N	N	
248	- 10	29 32S	37 28E	4994	321	200	LOWER MIOCENE	LOWER EOCENE	-	-	-	0-	R	R	R	A	
248	- 11	29 32S	37 28E	4994	369	300	LOWER EOCENE		0-	31-	69-	0-	N	R	R	A	
248	- 12	29 32S	37 28E	4994	398	600	LOWER EOCENE		-	-	-	-	R	R	R	A	
248	- 13	29 32S	37 28E	4994	407	100	LOWER EOCENE		-	-	-	-	N	R	R	A	
248	- 14	29 32S	37 28E	4994	416	800	LOWER EOCENE		-	-	-	-	R	R	R	N	
248	- 15	29 32S	37 28E	4994	425	100			-	-	-	-	N	N	N	N	
248	- 16	29 32S	37 28E	4994	431	10			-	-	-	-	N	N	N	N	
248	- 17	29 32S	37 28E	4994	434	200			-	-	-	-	N	N	N	N	
249	- 1	29 57S	36 5E	2088	8	800	QUATERNARY	UPPER MIOCENE	-	-	-	85-89	A	A	N	N	
249	- 2	29 57S	36 5E	2088	17	500	UPPER MIOCENE		-	-	-	88-89	C	A	N	N	
249	- 3	29 57S	36 5E	2088	26	800	UPPER MIOCENE		-	-	-	87-	C	A	N	N	
249	- 4	29 57S	36 5E	2088	36	900	UPPER MIOCENE		-	-	-	87-	C	A	N	N	
249	- 5	29 57S	36 5E	2088	45	800	UPPER MIOCENE		-	-	-	86-	C	A	N	N	
249	- 6	29 57S	36 5E	2088	55	900	UPPER MIOCENE		-	-	-	84-	C	A	N	N	
249	- 7	29 57S	36 5E	2088	64	900	UPPER MIOCENE		-	-	-	86-	C	A	N	N	
249	- 8	29 57S	36 5E	2088	74	800	UPPER MIOCENE		2-	31-	67-	87-	C	A	N	N	
249	- 9	29 57S	36 5E	2088	83	700	UPPER MIOCENE		4-	31-	65-	87-	C	A	N	N	
249	- 10	29 57S	36 5E	2088	93	900	UPPER MIOCENE		-	-	-	75-	A	A	N	N	
249	- 11	29 57S	36 5E	2088	102	900	UPPER MIOCENE		-	-	-	87-	A	A	N	N	
249	- 12	29 57S	36 5E	2088	112	900	UPPER MIOCENE		-	-	-	86-	A	A	N	N	
249	- 13	29 57S	36 5E	2088	121	900	UPPER MIOCENE		-	-	-	83-	A	A	N	N	
249	- 14	29 57S	36 5E	2088	140	900	UPPER MIOCENE		-	-	-	83-	A	A	N	N	
249	- 15	29 57S	36 5E	2088	159	900	UPPER MIOCENE	MIDDLE MIOCENE	-	-	-	-	A	A	N	N	
249	- 16	29 57S	36 5E	2088	178	200	MIDDLE MIOCENE		-	-	-	-	C	A	N	N	
249	- 17	29 57S	36 5E	2088	187	800	MAESTRICHTIAN		-	-	-	47-	A	A	N	N	
249	- 18	29 57S	36 5E	2088	207	900	MAESTRICHTIAN		-	-	-	55-	A	A	N	N	
249	- 19	29 57S	36 5E	2088	227	500	MAESTRICHTIAN		-	-	-	55-	A	A	N	N	
249	- 20	29 57S	36 5E	2088	246	900	MAESTRICHTIAN	CAMPANIAN	-	-	-	60-	A	A	N	N	
249	- 21	29 57S	36 5E	2088	265	900	CAMPANIAN		-	-	-	55-	A	A	N	N	
249	- 22	29 57S	36 5E	2088	284	900	CAMPANIAN		-	-	-	46-	A	A	N	N	
249	- 23	29 57S	36 5E	2088	293	600	CAMPANIAN		0- 7	26-40	53-72	2-45	C	C	R	R	
249	- 24	29 57S	36 5E	2088	303	100	LOWER CRETACEOUS		0-	29-	71-	0-37	N	R	R	N	
249	- 25	29 57S	36 5E	2088	312	300	LOWER CRETACEOUS		4-13	21-41	53-66	1-49	N	R	R	A	
249	- 26	29 57S	36 5E	2088	322	200	NEOCOMIAN		-	-	-	12-22	R	R	R	A	
249	- 27	29 57S	36 5E	2088	331	300	NEOCOMIAN		4-	46-	50-	6-90	R	R	P	A	
249	- 28	29 57S	36 5E	2088	341	400			-	-	-	13-22	R	R	R	A	
249	- 29	29 57S	36 5E	2088	360	100	NEOCOMIAN		-	-	-	12-80	R	P	R	C	
249	- 30	29 57S	36 5E	2088	379	500	NEOCOMIAN		4-	38-	58-	7- 9	R	R	R	C	
249	- 31	29 57S	36 5E	2088	398	500	NEOCOMIAN		6-	43-	52-	4- 6	R	R	R	C	
249	- 32	29 57S	36 5E	2088	408	10			0-	14-	86-	1- 1	N	R	R	N	
249	- 33	29 57S	36 5E	2088	412	300			-	-	-	-	N	N	N	N	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTILING	LITHOLOGY	HOLE	CORE
11-13	1- 1	50-50	0- 0	0- 0	0- 0	3- 4	N	N	MODERATE	BEDDED	NONE	SHELL/ZEOL RICH VOLC.SAND	246 - 10	
0- 0	2- 2	16-54	0- 0	0- 0	0- 0	0- 0	N	N	GREAT	NONE	NONE	GLAUC RICH SHELLY CARB SAND	246 - 11	
-	-	-	-	-	-	-						NOT DESCRIBED	247 - 1	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO OOZE, CLAYEY SILT	248 - 1	
0-	21-	15-	16-	16-	5-	6-	N	N	MODERATE	NONE	SLIGHT	SANDY SILT, NANNO OOZE	248 - 2	
-	-	-	-	-	-	-	R	N				CLAY	248 - 3	
0-	17-	5-	13-	24-	4-	9-	R	N	GREAT	NONE	NONE	SILTY CLAY, CLAYEY SILT	248 - 4	
-	-	-	-	-	-	-	M	N				SILTY SAND	248 - 5	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	CLAYEY SANDY SILT	248 - 6	
-	-	-	-	-	-	-	N	N				CLAY	248 - 7	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	QTZ SAND, CLAY	248 - 8	
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	QTZ SAND, CLAY	248 - 9	
0-	18-	2-	7-	7-	0-	12-	R	N	GREAT	BEDDED	NONE	VOLC. SILTY CLAY	248 - 10	
0- 0	12-18	4- 7	6- 7	7- 8	0- 0	6- 9	N	N	SLIGHT	BEDDED	NONE	VOLC. SILTY CLAY	248 - 11	
5-	25-	10-	11-	13-	0-	20-	R	N	MODERATE	BEDDED	NONE	VOLC. SILTY CLAY	248 - 12	
0-	7-	0-	0-	4-	0-	7-	N	N	MODERATE	NONE	NONE	VOLC. CLAY	248 - 13	
0- 0	15-21	10-24	2- 4	15-17	0- 2	10-11	N	C	GREAT	NONE	NONE	BROWN CLAY	248 - 14	
-	-	-	-	-	-	-	N	N	NONE			PORPHYRITIC BASALT	248 - 15	
-	-	-	-	-	-	-	N	N	NONE			PORPHYRITIC BASALT	248 - 16	
-	-	-	-	-	-	-	N	N	NONE			PORPHYRITIC BASALT	248 - 17	
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	FORAM NANNO OOZE	249 - 1	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	249 - 2	
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 3	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	SLIGHT	FORAM RICH NANNO OOZE	249 - 4	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	249 - 5	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	249 - 6	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	249 - 7	
-	-	-	-	-	-	-	R	N	MODERATE	NONE	NONE	FORAM RICH NANNO OOZE	249 - 8	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 9	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 10	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	FORAM NANNO OOZE	249 - 11	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 12	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 13	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	FORAM RICH NANNO OOZE	249 - 14	
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	SLIGHT	NANNO OOZE AND CHALK	249 - 15	
-	-	-	-	-	-	-	R	N	NONE	BEDDED	NONE	NANNO CHALK	249 - 16	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	GREAT	FORAM CLAYEY NANNO CHLK	249 - 17	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	GREAT	FORAM/CLAY RICH NANNO CHLK	249 - 18	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	GREAT	FORAM/CLAY RICH NANNO CHLK	249 - 19	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	CLAY RICH NANNO CHLK	249 - 20	
0- 0	4- 7	1- 3	0- 5	2- 7	0- 0	0- 0	N	N	SLIGHT	NONE	GREAT	NANNO CHALK	249 - 21	
-	-	-	-	-	-	-	N	N	NONE	NONE	GREAT	NANNO CHALK	249 - 22	
1-17	6-14	5- 5	5-16	7-11	0- 0	1-10	R	R	NONE	NONE	MODERATE	NANNO CHALK, CLAYSTN	249 - 23	
0-	7-	4-	7-	2-	0-	0-	R	N	NONE	NONE	MODERATE	CARBON BEARING SILTY CLAY	249 - 24	
0-12	1- 9	0- 9	6-25	0- 3	0- 0	0-65	N	N	NONE	NONE	MODERATE	VOLC. SILTY CLAYSTN	249 - 25	
1-13	3- 5	0- 0	4-23	0- 0	0- 0	0-16	N	N	SLIGHT	NONE	NONE	VOLC. SILTSTN	249 - 26	
2-	6-	0-	11-	0-	0-	0-	N	N	NONE	NONE	NONE	SILTSTN, MUDSTN, L/S	249 - 27	
5-	2-	3-	5-	0-	0-	3-	N	N	NONE	NONE	NONE	SILTY VOLC. CLAYSTN	249 - 28	
5-	2-	3-	8-	0-	0-	4-	N	N	NONE	BEDDED	NONE	VOLC. SILTSTN, BLK CLAYSTN	249 - 29	
5-	2-	2-	10-	0-	0-	3-	N	N	NONE	BEDDED	NONE	VOLC. CLAYSTN	249 - 30	
10-38	4- 6	0- 0	6-19	0- 0	0- 0	3-17	N	N	NONE	NONE	NONE	SILTY CLAYSTN	249 - 31	
0-	9-	0-	0-	0-	18-	73-	N	N	NONE	BEDDED		SILT RICH CLAYSTN, BASALT	249 - 32	
1-25	0- 1	0- 0	0-53	0-11	0- 0	6-60	N	N	SLIGHT			BASALT	249 - 33	

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANOFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSSILS	PYROCLASTICS
250 - 1		33 28S	39 22E	5119	9	800	QUATERNARY		0-0	15-21	79-85	13-23	R	A	R	N	
250 - 2		33 28S	39 22E	5119	19	800	QUATERNARY		0-0	16-17	83-85	2-7	C	C	C	N	
250 - 3		33 28S	39 22E	5119	65	400	QUATERNARY		0-0	15-23	78-85	4-5	C	A	R	N	
250A- 1		33 28S	39 22E	5119	64	600	QUATERNARY		0-0	15-16	84-85	5-11	R	C	R	N	
250A- 2		33 28S	39 22E	5119	74	10	QUATERNARY		-	-	-	-	C	C	C	N	
250A- 3		33 28S	39 22E	5119	83	900	QUATERNARY		0-0	13-13	87-87	18-71	C	C	C	N	
250A- 4		33 28S	39 22E	5119	121	700	UPPER PLIOCENE		0-0	14-18	82-86	1-16	C	R	C	N	
250A- 5		33 28S	39 22E	5119	159	800	UPPER PLIOCENE		0-0	17-24	76-84	0-4	R	C	R	N	
250A- 6		33 28S	39 22E	5119	197	500			0-0	19-20	80-81	0-0	R	N	N	N	
250A- 7		33 28S	39 22E	5119	244	500	LOWER PLIOCENE	UPPER MIOCENE	0-0	13-19	81-87	1-3	R	C	N	N	
250A- 8		33 28S	39 22E	5119	302	500	UPPER MIOCENE		0-0	17-21	79-83	0-1	P	C	N	N	
250A- 9		33 28S	39 22E	5119	359	400	UPPER MIOCENE		0-0	10-14	87-90	0-0	N	R	N	N	
250A- 10		33 28S	39 22E	5119	416	500			0-0	12-14	86-88	0-1	R	N	N	N	
250A- 11		33 28S	39 22E	5119	473	900	MIDDLE MIOCENE	LOWER MIOCENE	0-0	12-15	85-88	0-5	N	N	N	N	
250A- 12		33 28S	39 22E	5119	524	10			1-	13-	86-	0-	N	N	N	N	
250A- 13		33 28S	39 22E	5119	577	500	MIDDLE MIOCENE	LOWER MIOCENE	0-0	16-20	80-84	0-0	N	R	N	N	
250A- 14		33 28S	39 22E	5119	615	300			0-0	18-20	80-82	0-0	N	N	N	N	
250A- 15		33 28S	39 22E	5119	634	500			0-1	15-20	80-85	0-7	N	R	N	N	
250A- 16		33 28S	39 22E	5119	644	300	LOWER MIOCENE		0-1	26-67	32-74	37-41	R	C	N	N	
250A- 17		33 28S	39 22E	5119	653	400			1-1	15-16	84-84	0-0	R	R	N	N	
250A- 18		33 28S	39 22E	5119	663	200			0-0	18-18	82-82	0-0	P	R	N	N	
250A- 19		33 28S	39 22E	5119	672	300			0-	14-	86-	0-	R	N	N	N	
250A- 20		33 28S	39 22E	5119	682	200			0-	16-	84-	0-	R	N	N	N	
250A- 21		33 28S	39 22E	5119	691	200			0-	16-	84-	0-	R	N	N	N	
250A- 22		33 28S	39 22E	5119	700	500	CONIACIAN		0-0	18-29	71-82	0-0	R	R	N	N	
250A- 23		33 28S	39 22E	5119	709	200	CONIACIAN		-	-	-	0-	R	R	N	N	
250A- 24		33 28S	39 22E	5119	719	200			0-0	6-7	93-94	0-0	R	N	N	N	
250A- 25		33 28S	39 22E	5119	728	400			0-	8-	93-	0-	R	N	N	N	
250A- 26		33 28S	39 22E	5119	738	700			-	-	-	-	N	N	N	N	
251 - 1		36 30S	49 29E	3489	2	200	QUATERNARY		15-	34-	52-	87-	A	A	C	N	
251 - 2		36 30S	49 29E	3489	12	900	PLEISTOCENE		1-10	10-34	56-89	73-99	A	A	C	N	
251 - 3		36 30S	49 29E	3489	21	400	QUATERNARY		2-6	19-27	67-79	78-86	A	A	C	N	
251 - 4		36 30S	49 29E	3489	31	900	QUATERNARY		1-2	20-21	77-78	83-90	A	A	C	N	
251 - 5		36 30S	49 29E	3489	40	800	QUATERNARY	UPPER PLIOCENE	2-8	27-28	64-72	77-90	A	A	R	N	
251 - 6		36 30S	49 29E	3489	50	900	QUATERNARY	UPPER PLIOCENE	1-3	24-30	68-75	86-88	A	A	C	N	
251 - 7		36 30S	49 29E	3489	59	900	UPPER PLIOCENE		1-2	18-26	73-80	82-91	A	A	C	N	
251 - 8		36 30S	49 29E	3489	69	900	UPPER PLIOCENE		1-2	23-25	73-75	88-91	A	A	C	N	
251 - 9		36 30S	49 29E	3489	78	0			-	-	-	-	-	-	-	-	
251 - 10		36 30S	49 29E	3489	88	600	UPPER PLIOCENE		1-1	29-30	69-71	84-89	A	A	R	N	
251A- 1		36 30S	49 29E	3489	88	900	UPPER PLIOCENE		0-1	28-32	68-72	82-89	A	A	R	N	
251A- 2		36 30S	49 29E	3489	96	700	UPPER PLIOCENE		0-1	28-33	67-71	87-87	A	A	R	N	
251A- 3		36 30S	49 29E	3489	107	0			-	-	-	-	-	-	-	-	
251A- 4		36 30S	49 29E	3489	116	700	UPPER PLIOCENE		0-1	23-27	72-77	86-90	A	A	R	N	
251A- 5		36 30S	49 29E	3489	126	900	MIDDLE PLIOCENE	LOWER PLIOCENE	0-1	31-32	67-69	86-90	A	A	R	R	
251A- 6		36 30S	49 29E	3489	135	900	MIDDLE PLIOCENE	UPPER MIOCENE	0-0	24-26	74-75	85-88	A	A	R	P	
251A- 7		36 30S	49 29E	3489	145	900	UPPER MIOCENE		0-1	22-31	69-77	83-88	R	A	R	R	
251A- 8		36 30S	49 29E	3489	154	0			-	-	-	-	-	-	-	-	
251A- 9		36 30S	49 29E	3489	164	900	UPPER MIOCENE		0-1	24-26	74-76	86-88	A	A	R	R	
251A- 10		36 30S	49 29E	3489	173	900	UPPER MIOCENE		0-1	25-30	70-75	86-88	A	A	R	A	
251A- 11		36 30S	49 29E	3489	202	400	UPPER MIOCENE		0-1	23-25	74-76	80-85	A	A	R	R	
251A- 12		36 30S	49 29E	3489	230	900	UPPER MIOCENE		0-0	22-27	73-78	88-91	A	A	R	N	
251A- 13		36 30S	49 29E	3489	259	700	UPPER MIOCENE		1-1	30-33	67-70	81-84	A	A	R	C	
251A- 14		36 30S	49 29E	3489	284	0	UPPER MIOCENE		-	-	-	-	-	-	-	-	
251A- 15		36 30S	49 29E	3489	316	300	MIDDLE MIOCENE		1-	43-	56-	81-	A	A	R	C	
251A- 16		36 30S	49 29E	3489	344	700	MIDDLE MIOCENE		0-0	38-45	55-62	87-88	C	A	N	C	



DEPTH	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-13-25	4-7	6-8	10-20	7-14	12-44		N	N	GREAT	NONE	NONE	COCCOLITH DET. SILTY CLAY	250 - 1	
0-22-	7-	8-	18-	10-	18-		N	N	GREAT	NONE	NONE	COCCO.BRNG DET. SILTY CLAY	250 - 2	
0-	-	-	-	-	-		N	N	MODBRATE	NONE	SLIGHT	DET. CLAY, CLAYEY COCCO. OOZE	250 - 3	
0-17-23	3-4	7-8	19-24	7-11	19-25		R	N	SLIGHT	BEDDED	SLIGHT	DET. CLAY, CLAYEY COCCO. OOZE	250A- 1	
0-10-	4-	4-	12-	10-	18-		R	N	SLIGHT	NONE	SLIGHT	DET. SILTY CLAYEY COCCO OOZE	250A- 2	
0-20-	4-	7-	22-	13-	24-		R	N	SLIGHT	NONE	SLIGHT	CLAYEY COCCO.OOZE, DET. CLAY	250A- 3	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	COCCO.OOZE, DET. SILTY CLAY	250A- 4	
0-23-	0-	12-	32-	11-	23-		N	N	SLIGHT	NONE	NONE	COCCO.OOZE, SILT RICH CLAY	250A- 5	
0-20-21	8-11	6-8	25-25	11-11	21-25		N	N	SLIGHT	NONE	NONE	CLAY	250A- 6	
0-21-	7-	9-	27-	11-	26-		R	N	SLIGHT	NONE	NONE	CLAYEY COCCO.OOZE	250A- 7	
0-24-	8-	7-	23-	12-	27-		N	N	MODERATE	NONE	NONE	CLAY, COCCO.OOZE	250A- 8	
0-27-	8-	9-	30-	10-	17-		N	N	SLIGHT	NONE	SLIGHT	CLAY, COCCO.OOZE	250A- 9	
0-33-33	6-8	8-10	26-27	2-2	17-22		N	N	SLIGHT	NONE	SLIGHT	CLAY	250A- 11	
0-29-32	6-7	11-11	26-32	2-3	13-23		N	R	SLIGHT	NONE	NONE	CLAY, FINE SAND	250A- 12	
0-23-	3-	3-	23-	7-	34-		R	N	SLIGHT	NONE	NONE	CLAY, CARB. SAND	250A- 13	
0-22-	16-	11-	21-	8-	22-		N	N	NONE	NONE	NONE	CLAY	250A- 14	
0-	-	-	-	-	-		N	R	NONE	NONE	NONE	CLAY, DOLOMITE	250A- 15	
0-24-	7-	9-	18-	6-	18-		N	R	NONE	NONE	SLIGHT	CLAY, COCCO. OOZE	250A- 16	
0-19-	7-	6-	23-	2-	14-		N	N	NONE	NONE	SLIGHT	BROWN CLAY	250A- 17	
0-	-	-	-	-	-		N	N	NONE	NONE	SLIGHT	BROWN CLAY	250A- 18	
0-19-	4-	4-	9-	0-	29-		N	N	SLIGHT	NONE	MODERATE	BROWN CLAY	250A- 19	
0-	-	-	-	-	-		N	C	NONE	BEDDED	SLIGHT	CLAY	250A- 21	
0-	-	-	-	-	-		N	N	NONE	NONE	NONE	ZEOL. CLAY, NANNO ZEOL CLAY	250A- 22	
0-5-	0-	0-	0-	0-	4-		N	C	NONE	BEDDED	SLIGHT	CLAY, ZEOL. CLAY	250A- 23	
0-15-	6-	4-	11-	0-	30-		N	N	NONE	BEDDED	SLIGHT	CLAY	250A- 24	
0-19-	7-	4-	5-	0-	21-		N	N	NONE	NONE	NONE	CLAY, BASALT	250A- 25	
0-	-	-	-	-	-		N	N	NONE	NONE	NONE	BASALT	250A- 26	
0-2-	0-	1-	1-	0-	0-		R	N	MODERATE	NONE	NONE	NANNO FORAM OOZE	251 - 1	
0-0-2	0-0	0-0	0-1	0-0	0-0		N	N	MODERATE	NONE	SLIGHT	NANNO OOZE	251 - 2	
0-1-	0-	0-	1-	0-	0-		R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE	251 - 3	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	NANNO OOZE	251 - 4	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	NANNO OOZE	251 - 5	
0-1-	0-	0-	0-	0-	0-		R	N	SLIGHT	NONE	NONE	NANNO OOZE	251 - 6	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	251 - 7	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	NANNO OOZE	251 - 8	
0-2-	0-	0-	0-	0-	0-		N	N	GREAT	NONE	NONE	NO RECOVERY	251 - 9	
0-	-	-	-	-	-		N	N	GREAT	NONE	NONE	NANNO OOZE	251 - 10	
0-1-	0-	0-	0-	0-	0-		R	N	GREAT	NONE	NONE	NANNO OOZE	251A- 1	
0-	-	-	-	-	-		R	N	GREAT	NONE	NONE	NANNO OOZE	251A- 2	
0-1-	0-	0-	0-	0-	0-		R	N	GREAT	NONE	NONE	NO RECOVERY	251A- 3	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	NANNO OOZE	251A- 4	
0-	-	-	-	-	-		R	N	MODERATE	NONE	NONE	NANNO OOZE	251A- 5	
0-1-	0-	0-	0-	0-	0-		R	N	GREAT	NONE	SLIGHT	NANNO OOZE	251A- 6	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	251A- 7	
0-1-	0-	0-	0-	0-	0-		R	N	GREAT	NONE	NONE	NO RECOVERY	251A- 8	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	251A- 9	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO OOZE	251A- 10	
0-1-	0-	0-	0-	0-	0-		R	N	MODERATE	NONE	MODERATE	NANNO OOZE	251A- 11	
0-	-	-	-	-	-		R	N	MODERATE	NONE	MODERATE	NANNO OOZE	251A- 12	
0-	-	-	-	-	-		R	N	NONE	NONE	SLIGHT	NANNO CHALK	251A- 13	
0-1-	0-	0-	0-	0-	0-		R	N	MODERATE	NONE	NONE	NANNO CHALK	251A- 14	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO CHALK	251A- 15	
0-	-	-	-	-	-		R	N	MODERATE	NONE	SLIGHT	NANNO CHALK	251A- 16	

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	MAMMOSSILLS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOS	PYROCLASTICS
251A-17		36 30S	49 29E	3489	366	100	MIDDLE MIOCENE		0-	46-	54-	89-	A	A	N	R	
251A-18		36 30S	49 29E	3489	382	100	MIDDLE MIOCENE		0-	41-	59-	86-	C	A	N	N	
251A-19		36 30S	49 29E	3489	392	0	MIDDLE MIOCENE		-	-	-	-	R	A	N	N	
251A-20		36 30S	49 29E	3489	401	900	MIDDLE MIOCENE		0-1	27-33	67-73	83-85	A	A	N	N	
251A-21		36 30S	49 29E	3489	411	500	MIDDLE MIOCENE		0-1	28-33	67-72	78-85	A	A	N	N	
251A-22		36 30S	49 29E	3489	420	400	MIDDLE MIOCENE		1-1	39-46	53-60	89-89	A	A	N	N	
251A-23		36 30S	49 29E	3489	430	100	MIDDLE MIOCENE		0-	38-	61-	85-	C	C	N	R	
251A-24		36 30S	49 29E	3489	439	600	MIDDLE MIOCENE		1-1	37-37	62-62	81-86	A	C	N	N	
251A-25		36 30S	49 29E	3489	449	600	MIDDLE MIOCENE	LOWER MIOCENE	1-1	32-34	65-68	82-84	A	C	N	R	
251A-26		36 30S	49 29E	3489	458	500	LOWER MIOCENE		0-0	26-27	73-74	76-78	A	C	N	R	
251A-27		35 30S	49 29E	3489	468	200	LOWER MIOCENE		1-	35-	64-	83-	C	C	N	R	
251A-28		36 30S	49 29E	3489	477	100	LOWER MIOCENE		0-	92-	8-	72-	C	C	N	R	
251A-29		36 30S	49 29E	3489	487	200	LOWER MIOCENE		0-	88-	12-	71-	R	N	N	R	
251A-30		36 30S	49 29E	3489	490	0	LOWER MIOCENE		-	-	-	-	N	C	N	N	
251A-31		36 30S	49 29E	3489	499	600	LOWER MIOCENE		-	-	-	-	N	N	N	N	
252 - 1		37 2S	59 14E	5032	10	0	QUATERNARY		-	-	-	-	N	N	A	N	
252 - 2		37 2S	59 14E	5032	10	900	QUATERNARY		0-0	29-97	3-71	0-2	N	N	A	N	
252 - 3		37 2S	59 14E	5032	55	800	QUATERNARY		0-0	30-35	65-70	0-1	N	N	A	N	
252 - 4		37 2S	59 14E	5032	105	900	QUATERNARY		0-0	27-30	70-73	0-1	N	N	A	N	
252 - 5		37 2S	59 14E	5032	155	400	QUATERNARY		0-0	25-40	60-75	0-1	N	N	A	R	
252 - 6		37 2S	59 14E	5032	200	500	QUATERNARY		0-0	36-42	58-64	0-1	N	N	A	N	
252 - 7		37 2S	59 14E	5032	247	400	QUATERNARY		0-	37-	63-	0-	N	N	A	R	
253 - 1		24 53S	87 22E	1962	9	800	QUATERNARY	UPPER PLIOCENE	28-30	22-28	43-48	95-98	A	A	N	N	
253 - 2		24 53S	87 22E	1962	19	900	MIDDLE PLIOCENE	LOWER PLIOCENE	3-11	31-42	54-58	96-97	A	A	N	N	
253 - 3		24 53S	87 22E	1962	28	800	UPPER MIOCENE		3-4	47-47	50-51	96-99	A	A	N	N	
253 - 4		24 53S	87 22E	1962	38	900	UPPER MIOCENE		2-2	43-52	46-55	97-97	A	A	N	N	
253 - 5		24 53S	87 22E	1962	47	800	UPPER MIOCENE		3-3	56-58	39-40	97-98	A	A	N	N	
253 - 6		24 53S	87 22E	1962	57	800	UPPER MIOCENE		3-3	62-64	34-36	89-97	A	A	N	N	
253 - 7		24 53S	87 22E	1962	66	900	MIDDLE MIOCENE		1-2	64-67	31-35	96-97	A	A	N	N	
253 - 8		24 53S	87 22E	1962	76	900	MIDDLE MIOCENE	LOWER MIOCENE	2-2	59-59	39-40	96-97	A	A	N	N	
253 - 9		24 53S	87 22E	1962	85	900	LOWER MIOCENE		1-2	67-68	31-31	95-96	A	A	N	N	
253 - 10		24 53S	87 22E	1962	95	900	UPPER OLIGOCENE		2-2	67-68	29-31	96-96	A	A	N	N	
253 - 11		24 53S	87 22E	1962	104	900	MIDDLE OLIGOCENE		1-1	57-64	35-42	95-96	A	A	N	N	
253 - 12		24 53S	87 22E	1962	114	900	MIDDLE OLIGOCENE	LOWER OLIGOCENE	3-4	58-59	37-39	67-95	A	A	N	N	
253 - 13		24 53S	87 22E	1962	123	900	LOWER OLIGOCENE	UPPER EOCENE	0-2	65-66	33-35	95-96	A	A	N	N	
253 - 14		24 53S	87 22E	1962	133	900	UPPER EOCENE		1-3	62-64	33-37	95-96	A	A	N	R	
253 - 15		24 53S	87 22E	1962	142	5	UPPER EOCENE		-	-	-	-	A	C	N		
253 - 16		24 53S	87 22E	1962	152	800	MIDDLE EOCENE		5-	69-	26-	94-	A	A	N	N	
253 - 17		24 53S	87 22E	1962	161	300	MIDDLE EOCENE		44-	23-	33-	3-	R	C	N	A	
253 - 18		24 53S	87 22E	1962	171	500	MIDDLE EOCENE		51-57	22-30	19-21	8-37	C	R	N	A	
253 - 19		24 53S	87 22E	1962	180	100	MIDDLE EOCENE		27-	47-	26-	15-	C	R	C	A	
253 - 20		24 53S	87 22E	1962	190	500	MIDDLE EOCENE		45-56	25-29	19-26	51-52	C	C	R	A	
253 - 21		24 53S	87 22E	1962	199	400	EOCENE		14-23	29-38	48-48	19-25	C	R	N	A	
253 - 22		24 53S	87 22E	1962	209	600	EOCENE		-	-	-	-	H	N	N	A	
253 - 23		24 53S	87 22E	1962	218	300	EOCENE		25-	39-	37-	15-	R	N	N	A	
253 - 24		24 53S	87 22E	1962	228	300	EOCENE		-	-	-	-	R	N	N	A	
253 - 25		24 53S	87 22E	1962	237	200	EOCENE		23-	25-	52-	23-	R	R	R	A	
253 - 26		24 53S	87 22E	1962	247	300	EOCENE		13-	30-	57-	15-	R	N	N	A	
253 - 27		24 53S	87 22E	1962	251	200	EOCENE		-	-	-	-	N	N	N	A	
253 - 28		24 53S	87 22E	1962	260	300	EOCENE		-	-	-	-	N	N	N	A	
253 - 29		24 53S	87 22E	1962	270	200	MIDDLE EOCENE		-	-	-	-	R	C	N	A	
253 - 30		24 53S	87 22E	1962	279	100	EOCENE		73-	14-	12-	51-	R	R	R	A	
253 - 31		24 53S	87 22E	1962	289	300	EOCENE		-	-	-	8-	R	N	R	A	
253 - 32		24 53S	87 22E	1962	298	0	EOCENE		-	-	-	-	-	-	-	-	
253 - 33		24 53S	87 22E	1962	308	10	EOCENE		-	-	-	-	R	N	N	A	

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	1-	0-	0-	2-	0-	0-	R	N	GREAT	NONE	SLIGHT	NANNO CHALK	251A-	17
0-	1-	0-	0-	2-	0-	0-	R	N	MODERATE	NONE	SLIGHT	NANNO CHALK	251A-	18
0-	2-	0-	0-	3-	0-	2-	R	N	SLIGHT	NONE	NONE	NANNO CHALK	251A-	19
0-	2-	0-	0-	3-	0-	2-	R	N	GREAT	NONE	SLIGHT	NANNO CHALK	251A-	20
0-	1-	0-	0-	0-	0-	0-	R	N	MODERATE	NONE	SLIGHT	NANNO CHALK	251A-	21
0-	1-	0-	0-	0-	0-	0-	R	N	MODERATE	NONE	SLIGHT	NANNO CHALK	251A-	22
0-	4-	1-	2-	4-	0-	0-	R	N	GREAT	NONE	SLIGHT	NANNO CHALK	251A-	23
0-	4-	1-	2-	4-	0-	0-	N	N	MODERATE	NONE	GREAT	NANNO CHALK	251A-	24
0-	2-3	0-0	0-0	2-4	0-0	0-0	R	N	NONE	NONE	GREAT	NANNO CHALK	251A-	25
0-	2-3	0-0	0-0	2-4	0-0	0-0	R	N	NONE	NONE	GREAT	NANNO CHALK	251A-	26
0-	2-3	0-0	0-0	2-4	0-0	0-0	N	R	SLIGHT	NONE	MODERATE	NANNO CHALK	251A-	27
0-	0-	0-	0-	0-	0-	0-	N	R	NONE	NONE	GREAT	NANNO CHALK	251A-	28
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	SLIGHT	CALCITE CHALK, BASALT	251A-	29
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	NONE	BASALT	251A-	30
0-	0-	0-	0-	0-	0-	0-	N	N	NONE	NONE	NONE	BASALT	251A-	31
0-	2-14	12-17	20-22	10-12	3-3	13-15	N	A	GREAT	NONE	NONE	MANGANESE NODULES	252	1
0-	2-14	12-17	20-22	10-12	3-3	13-15	N	R	GREAT	NONE	NONE	DIAT RAD SILTY CLAY	252	2
0-	13-	14-	18-	17-	0-	17-	C	N	GREAT	NONE	NONE	DIAT RAD SILTY CLAY	252	3
0-	13-	14-	18-	17-	0-	17-	R	N	GREAT	NONE	NONE	DIAT RAD SILTY CLAY	252	4
0-	13-	14-	18-	17-	0-	17-	C	N	MODERATE	NONE	NONE	DIAT RAD SILTY CLAY	252	5
0-	11-	4-	22-	9-	0-	12-	C	R	MODERATE	NONE	NONE	DIAT RAD SILTY CLAY	252	6
0-	13-	5-	20-	9-	0-	21-	C	R	MODERATE	NONE	NONE	DIAT RAD SILTY CLAY	252	7
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	SLIGHT	NANNO FORAM OOZE	253	1
0-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	SLIGHT	CLAYEY NANNO OOZE	253	2
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	FORAM NANNO OOZE	253	3
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	FORAM NANNO OOZE	253	4
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	NANNO OOZE	253	5
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	SLIGHT	NANNO OOZE	253	6
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	NANNO OOZE	253	7
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO OOZE	253	8
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	MODERATE	NANNO OOZE	253	9
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO OOZE	253	10
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO OOZE	253	11
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	MODERATE	NANNO OOZE	253	12
0-	0-	0-	0-	0-	0-	0-	N	R	MODERATE	NONE	SLIGHT	NANNO OOZE	253	13
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	NANNO OOZE	253	14
0-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	SLIGHT	ONLY SCRAPINGS RECOVERED	253	15
1-	0-	0-	0-	0-	0-	0-	N	R	GREAT	NONE	NONE	NANNO OOZE/CHALK	253	16
0-	5-	0-	27-	0-	0-	57-	N	R	GREAT	NONE	NONE	VOLC.ASH CHALK	253	17
0-0	0-1	0-0	4-9	0-0	0-0	22-44	N	R	SLIGHT	NONE	NONE	VOLC.ASH, TUFFACEOUS CLAY	253	18
0-	0-	0-	3-	0-	0-	12-	N	N	SLIGHT	NONE	NONE	VOLC.ASH, DIATOMITE	253	19
0-	0-	0-	3-	0-	0-	12-	N	N	SLIGHT	NONE	NONE	VOLC.ASH, CHALK	253	20
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	VOLC.ASH	253	21
-	-	-	-	-	-	-	N	N	NONE	GRADED	SLIGHT	VOLC.ASH	253	22
14-	1-	0-	5-	0-	0-	20-	N	N	NONE	NONE	NONE	VOLC.ASH	253	23
0-	1-	0-	0-	0-	0-	48-	N	N	NONE	BEDDED	NONE	BASALT, ASH	253	24
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	BASALT, ASH	253	25
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	ASH, LAPILLI	253	26
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	ASH, LAPILLI	253	27
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	ASH, LAPILLI	253	28
8-	1-	0-	4-	2-	0-	4-	N	N	NONE	BEDDED	NONE	VOLC.ASH	253	29
10-	1-	0-	12-	0-	0-	31-	N	N	GREAT	NONE	NONE	VOLC.ASH	253	30
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	VOLC.ASH	253	31
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	NO RECOVERY	253	32
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	VOLC.ASH	253	33

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	DIATOMS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOSSILS	PYROCLASTICS
253 - 34		24 53S	87 22E	1962	317	10	MIDDLE EOCENE		-	-	-	-	R	N	N	N	A
253 - 35		24 53S	87 22E	1962	327	70			-	-	-	-	R	N	N	N	A
253 - 36		24 53S	87 22E	1962	336	300	EOCENE		4-52	26-27	23-69	1-16	C	R	R	R	A
253 - 37		24 53S	87 22E	1962	346	10	MIDDLE EOCENE		-	-	-	-	N	R	N	N	A
253 - 38		24 53S	87 22E	1962	355	70			14-	37-	49-	12-	C	N	N	N	A
253 - 39		24 53S	87 22E	1962	365	10			-	-	-	-	R	N	N	N	A
253 - 40		24 53S	87 22E	1962	374	300	EOCENE		23-	29-	48-	17-	C	N	N	N	A
253 - 41		24 53S	87 22E	1962	384	70	EOCENE		-	-	-	3-	R	N	N	N	A
253 - 42		24 53S	87 22E	1962	393	400			-	-	-	2-	R	N	N	N	A
253 - 43		24 53S	87 22E	1962	403	200	EOCENE		19-	28-	53-	14-	C	R	N	N	A
253 - 44		24 53S	87 22E	1962	412	200	EOCENE		36-	26-	38-	15-	R	R	N	N	A
253 - 45		24 53S	87 22E	1962	422	800			36-	22-	42-	17-42	R	N	N	N	A
253 - 46		24 53S	87 22E	1962	431	700	MIDDLE EOCENE		-	-	-	9-16	R	C	N	N	A
253 - 47		24 53S	87 22E	1962	441	500	MIDDLE EOCENE		23-	32-	44-	6-	R	R	N	N	A
253 - 48		24 53S	87 22E	1962	450	300	EOCENE		-	-	-	14-	R	N	N	N	A
253 - 49		24 53S	87 22E	1962	460	300			19-	43-	38-	0-	R	N	N	N	A
253 - 50		24 53S	87 22E	1962	469	50			-	-	-	-	N	N	N	N	A
253 - 51		24 53S	87 22E	1962	479	400	MIDDLE EOCENE		3-	36-	61-	9-	R	R	N	N	A
253 - 52		24 53S	87 22E	1962	488	500			5-35	35-39	30-56	3-6	R	R	N	N	A
253 - 53		24 53S	87 22E	1962	498	600			30-36	27-28	36-43	3-4	R	N	N	N	A
253 - 54		24 53S	87 22E	1962	507	600			40-	29-	31-	3-5	R	N	N	N	A
253 - 55		24 53S	87 22E	1962	517	400	MIDDLE EOCENE		24-	33-	43-	41-	R	C	N	N	A
253 - 56		24 53S	87 22E	1962	526	400	MIDDLE EOCENE		-	-	-	4-	R	C	N	N	A
253 - 57		24 53S	87 22E	1962	555	300	MIDDLE EOCENE		15-	27-	58-	8-	R	R	N	N	A
253 - 58		24 53S	87 22E	1962	559	10	MIDDLE EOCENE		-	-	-	-	N	N	N	N	A
254 - 1		30 58S	87 54E	1253	6	300	QUATERNARY		84-	10-	6-	90-	A	A	N	N	N
254 - 2		30 58S	87 54E	1253	15	900	UPPER PLIOCENE	LOWER PLIOCENE	50-	28-	23-	96-97	A	A	N	N	N
254 - 3		30 58S	87 54E	1253	25	900	LOWER PLIOCENE		33-35	33-36	29-34	98-98	A	A	N	N	N
254 - 4		30 58S	87 54E	1253	34	900	UPPER MIOCENE		41-42	31-32	26-28	98-99	A	A	N	N	N
254 - 5		30 58S	37 54E	1253	44	900	UPPER MIOCENE	MIDDLE MIOCENE	40-48	33-39	19-21	95-96	A	A	N	N	N
254 - 6		30 58S	87 54E	1253	53	900	MIDDLE MIOCENE		43-47	32-35	18-25	96-97	A	A	N	N	N
254 - 7		30 58S	87 54E	1253	63	900	MIDDLE MIOCENE		18-27	49-52	24-29	97-98	A	A	N	N	N
254 - 8		30 58S	87 54E	1253	72	900	MIDDLE MIOCENE		28-31	45-48	21-27	95-97	A	A	N	N	N
254 - 9		30 58S	87 54E	1253	82	300	MIDDLE MIOCENE		30-	45-	25-	84-	A	A	N	N	N
254 - 10		30 58S	87 54E	1253	91	900	MIDDLE MIOCENE		37-39	41-44	19-21	97-97	A	A	N	N	N
254 - 11		30 58S	87 54E	1253	101	800	MIDDLE MIOCENE		35-37	40-42	23-23	96-96	A	A	N	N	N
254 - 12		30 58S	87 54E	1253	110	600	MIDDLE MIOCENE		50-	30-	20-	93-	A	A	N	N	N
254 - 13		30 58S	87 54E	1253	120	10	MIDDLE MIOCENE		-	-	-	-	A	A	N	N	N
254 - 14		30 58S	87 54E	1253	128	10	MIDDLE MIOCENE		-	-	-	-	A	A	N	N	N
254 - 15		30 58S	87 54E	1253	137	10	LOWER MIOCENE		-	-	-	-	A	A	N	N	N
254 - 16		30 58S	87 54E	1253	139	10	LOWER MIOCENE		-	-	-	-	A	A	N	N	N
254 - 17		30 58S	87 54E	1253	148	100	LOWER MIOCENE		83-	9-	9-	89-	A	A	N	N	N
254 - 18		30 58S	87 54E	1253	158	800	LOWER MIOCENE		41-52	33-36	14-23	90-92	A	A	N	N	N
254 - 19		30 58S	87 54E	1253	167	900	LOWER MIOCENE		36-39	36-41	23-25	95-98	A	A	N	N	N
254 - 20		30 58S	87 54E	1253	177	900	OLIGOCENE		40-57	31-37	13-23	61-93	A	A	N	N	N
254 - 21		30 58S	87 54E	1253	196	10			-	-	-	-	R	N	N	N	N
254 - 22		30 58S	87 54E	1253	200	10			-	-	-	-	R	R	N	N	N
254 - 23		30 58S	87 54E	1253	210	10			-	-	-	-	N	N	N	N	N
254 - 24		30 58S	87 54E	1253	219	75	MIDDLE TERTIARY		27-	29-	44-	6-	R	R	N	N	N
254 - 25		30 58S	87 54E	1253	229	900	MIDDLE TERTIARY		16-22	43-52	32-35	2-3	R	N	N	N	R
254 - 26		30 58S	87 54E	1253	239	50	MIDDLE TERTIARY		3-	39-	58-	0-	R	N	N	N	R
254 - 27		30 58S	87 54E	1253	249	300	MIDDLE TERTIARY		10-13	40-43	45-51	2-3	R	N	N	N	R
254 - 28		30 58S	87 54E	1253	257	30			-	-	-	-	R	N	N	N	R
254 - 29		30 58S	87 54E	1253	267	40			6-	29-	65-	16-	R	R	N	N	R
254 - 30		30 58S	87 54E	1253	276	100			5-	31-	64-	12-	N	N	N	N	R
254 - 31		30 58S	87 54E	1253	286	50			-	-	-	-	N	N	N	N	R
254 - 32		30 58S	87 54E	1253	295	60			14-	57-	29-	0-	N	N	N	N	R

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
23-	0-	0-	5-	0-	0-	68-	N	N	NONE	NONE	NONE	VOLC. ASH	253 -	34
							N	N	MODERATE	NONE	NONE	VOLC. ASH	253 -	35
							N	N				VOLC. ASH	253 -	36
							N	N				VOLC. ASH	253 -	37
9-	0-	0-	0-	0-	0-	51-	N	N	MODERATE	NONE	NONE	VOLC. ASH	253 -	38
							N	N				VOLC. ASH	253 -	39
1-	0-	0-	6-	0-	0-	62-	N	N	NONE	NONE	NONE	VOLC. ASH	253 -	40
							N	N	MODERATE	NONE	NONE	VOLC. ASH	253 -	41
13-	0-	0-	4-	0-	0-	79-	N	N	MODERATE	NONE	NONE	VOLC. ASH	253 -	42
							N	N	SLIGHT	NONE	NONE	VOLC. ASH	253 -	43
0-	0-	0-	0-	0-	0-	72-	N	N	NONE	NONE	NONE	VOLC. ASH	253 -	44
7-	0-	0-	0-	0-	0-	49-	N	N	NONE	NONE	SLIGHT	VOLC. ASH	253 -	45
							N	N	NONE	BEDDED	NONE	VOLC. ASH	253 -	46
0-	0-	0-	0-	0-	0-	72-	N	N	NONE	NONE	NONE	VOLC. ASH	253 -	47
3-	0-	0-	0-	0-	0-	84-	N	N	SLIGHT	NONE	NONE	VOLC. ASH	253 -	48
							N	N	SLIGHT	NONE	NONE	VOLC. ASH	253 -	49
8-	0-	0-	0-	0-	0-	64-	N	N	GREAT	NONE	NONE	VOLC. ASH	253 -	50
0-	2-	0-	3-	0-	0-	66-	N	N	NONE	NONE	SLIGHT	VOLC. ASH	253 -	51
							N	N	NONE	NONE	SLIGHT	VOLC. ASH	253 -	52
0-	0-	0-	0-	0-	0-	70-	N	N	NONE	NONE	SLIGHT	VOLC. ASH	253 -	53
							N	N	NONE	NONE	NONE	VOLC. ASH	253 -	54
7-	2-	0-	0-	0-	8-	74-	N	N	NONE	NONE	NONE	VOLC. ASH	253 -	55
0-	0-	0-	2-	0-	0-	70-	N	N	NONE	NONE	SLIGHT	VOLC. ASH	253 -	56
							N	N	NONE	NONE	MODERATE	VOLC. ASH	253 -	57
							N	N	NONE	NONE	NONE	BASALT	253 -	58
0-0	0-0	0-0	0-0	0-0	0-0	0-0	N	N	GREAT	NONE	NONE	COCCO. FORAM OOZE	254 -	1
							N	N	GREAT	NONE	NONE	COCCO. FORAM OOZE	254 -	2
0-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	3
							N	N	MODERATE	NONE	SLIGHT	FORAM RICH COCCO OOZE	254 -	4
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	5
0-	0-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	MICARB FORAM COCCO OOZE	254 -	6
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	7
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	8
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	9
0-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	10
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	11
							N	N	GREAT	NONE	NONE	FORAM RICH COCCO OOZE	254 -	12
							N	N				FORAM RICH COCCO OOZE	254 -	13
							N	N				FORAM RICH COCCO OOZE	254 -	14
							N	N				FORAM RICH MICARB OOZE	254 -	15
							N	N	MODERATE	NONE	NONE	FORAM MICARB OOZE	254 -	16
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	17
2-	0-	0-	0-	0-	0-	0-	N	N	MODERATE	NONE	MODERATE	FORAM RICH COCCO OOZE	254 -	18
							N	N	MODERATE	NONE	NONE	FORAM RICH COCCO OOZE	254 -	19
0-7	0-0	0-0	0-0	0-0	0-0	0-4	N	R	MODERATE	NONE	NONE	FORAM MICARB COCCO OOZE	254 -	20
							N	R				MICARB OOZE	254 -	21
							N	R				MICARB OOZE	254 -	22
21-	0-	0-	0-	0-	0-	57-	N	R	MODERATE	NONE	NONE	MICARB CHALK	254 -	23
13-	0-	0-	0-	0-	0-	45-	N	N	GREAT	NONE	NONE	MUDSTN, S/S	254 -	24
							R	R	MODERATE	NONE	NONE	MUDSTN, S/S	254 -	25
							R	R	MODERATE	NONE	NONE	PEBBLE CONGL.	254 -	26
22-	0-	0-	0-	0-	4-	47-	R	R	MODERATE	NONE	NONE	MUDSTN, S/S	254 -	27
							R	N	SLIGHT	NONE	NONE	SILTY CLAY	254 -	28
							R	N	SLIGHT	NONE	NONE	SILTY CLAY	254 -	29
	0-	0-	0-	0-	0-	96-	R	N	SLIGHT	NONE	NONE	SILTY CLAY, CLAYEY SANDS	254 -	30
							N	N	NONE	NONE	NONE	BASALT	254 -	31
							N	R	GREAT	NONE	NONE	CLAYEY SILT	254 -	32

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NAANFOSSILS	SILICEOUS MICROFOSSILS	ORG.-WALLED MICROFOS.	PYROCLASTICS
254	- 33	30 58S	87 54E	1253	310	100			-	-	-	-	N	N	N	N	N
254	- 34	30 58S	87 54E	1253	310	10			-	-	-	-	N	N	N	N	N
254	- 35	30 58S	87 54E	1253	315	400			-	-	-	-	N	N	N	N	N
254	- 36	30 58S	87 54E	1253	325	400			-	-	-	-	N	N	N	N	N
254	- 37	30 58S	87 54E	1253	334	10			-	-	-	-	N	N	N	N	N
254	- 3d	30 58S	87 54E	1253	344	100			-	-	-	-	N	N	N	N	N
255	- 1	31 8S	93 44E	1144	4	10	QUATERNARY		-	-	-	-	A	C	N	N	N
255	- 2	31 8S	93 44E	1144	14	10	QUATERNARY	UPPER MIOCENE	-	-	-	-	A	C	N	N	N
255	- 3	31 8S	93 44E	1144	33	200	PLIOCENE		67-	22-	11-	95-	A	C	N	N	N
255	- 4	31 8S	93 44E	1144	42	200	MIDDLE MIOCENE		59-	29-	12-	96-	A	C	N	N	N
255	- 5	31 8S	93 44E	1144	52	150	LOWER MIOCENE		55-	36-	9-	90-	A	C	N	N	N
255	- 6	31 8S	93 44E	1144	61	10	MIOCENE		-	-	-	-	R	N	R	N	N
255	- 7	31 8S	93 44E	1144	71	7	MIDDLE EOCENE		-	-	-	-	R	R	R	R	N
255	- 8	31 8S	93 44E	1144	80	10	UPPER CRETACEOUS		-	-	-	-	C	N	N	N	N
255	- 9	31 8S	93 44E	1144	90	20	SANTONIAN		-	-	-	-	C	R	R	N	N
255	- 10	31 8S	93 44E	1144	99	100	SANTONIAN		-	-	-	-	C	R	C	N	N
255	- 11	31 8S	93 44E	1144	109	100	SANTONIAN		-	-	-	-	A	R	R	N	N
256	- 1	23 27S	100 46E	5361	10	900	QUATERNARY	PLIOCENE	0-0	10-18	82-90	0-0	R	N	R	N	N
256	- 2	23 27S	100 46E	5361	19	900	QUATERNARY		0-0	5-6	94-95	0-0	R	N	N	N	N
256	- 3	23 27S	100 46E	5361	57	900	QUATERNARY		0-0	4-4	96-97	0-0	R	N	N	N	N
256	- 4	23 27S	100 46E	5361	95	900			0-0	2-4	96-98	0-0	R	N	N	N	N
256	- 5	23 27S	100 46E	5361	133	500	PLIOCENE		0-1	7-8	91-93	0-0	R	N	N	N	N
256	- 6	23 27S	100 46E	5361	190	900	UPPER CRETACEOUS		0-0	18-21	78-82	0-0	R	N	C	N	N
256	- 7	23 27S	100 46E	5361	219	200	UPPER CRETACEOUS		0-	17-	83-	0-	R	R	R	N	N
256	- 8	23 27S	100 46E	5361	247	900	ALBIAN		0-	24-	76-	0-	R	A	R	N	N
256	- 9	23 27S	100 46E	5361	257	300	ALBIAN		-	-	-	-	C	A	N	N	N
256	- 10	23 27S	100 46E	5361	263	600			-	-	-	-	-	-	-	-	-
256	- 11	23 27S	100 46E	5361	270	400			-	-	-	-	-	-	-	-	-
257	- 1	30 59S	108 21E	5278	10	900			0-0	18-21	79-82	0-0	N	N	N	N	N
257	- 2	30 59S	108 21E	5278	19	600			0-	16-	84-	0-	N	N	N	N	N
257	- 3	30 59S	108 21E	5278	57	400			0-	12-	88-	0-	N	N	N	N	N
257	- 4	30 59S	108 21E	5278	95	400	CRETACEOUS		0-	19-	81-	0-	R	N	C	N	N
257	- 5	30 59S	108 21E	5278	133	300	UPPER CRETACEOUS		0-	16-	84-	0-	R	N	R	N	N
257	- 6	30 59S	108 21E	5278	171	100	CRETACEOUS		0-	12-	89-	0-	C	N	R	N	N
257	- 7	30 59S	108 21E	5278	209	800	ALBIAN		0-0	6-7	94-94	7-13	R	A	N	N	N
257	- 8	30 59S	108 21E	5278	247	200	ALBIAN		0-	17-	83-	17-	R	A	R	N	N
257	- 9	30 59S	108 21E	5278	257	300	ALBIAN		0-	4-	96-	0-	R	C	N	N	N
257	- 10	30 59S	108 21E	5278	263	100	CRETACEOUS		1-	3-	96-	2-	R	N	C	N	N
257	- 11	30 59S	108 21E	5278	273	300			-	-	-	-	-	-	-	-	-
257	- 12	30 59S	108 21E	5278	282	400			-	-	-	-	N	N	N	N	N
257	- 13	30 59S	108 21E	5278	290	500			-	-	-	-	-	-	-	-	-
257	- 14	30 59S	108 21E	5278	298	600			-	-	-	-	-	-	-	-	-
257	- 15	30 59S	108 21E	5278	308	300	ALBIAN		-	-	-	-	N	R	N		
257	- 16	30 59S	108 21E	5278	317	400			-	-	-	-	N	N	N	N	N
257	- 17	30 59S	108 21E	5278	327	600			-	-	-	-	N	N	N	N	N
258	- 1	33 48S	112 28E	2793	10	900	QUATERNARY	MIDDLE PLIOCENE	22-46	23-50	28-30	80-86	A	A	N	N	N
258	- 2	33 48S	112 28E	2793	19	400	QUATERNARY		4-	18-	79-	83-	A	A	N	N	N
258	- 3	33 48S	112 28E	2793	57	900	UPPER PLIOCENE		9-17	32-37	46-59	75-92	A	A	N	N	N
258	- 4	33 48S	112 28E	2793	95	20	UPPER MIOCENE		41-	38-	22-	70-	A	C	N	N	N
258	- 5	33 48S	112 28E	2793	133	400	SANTONIAN		7-	21-	72-	74-	A	A	N	N	N
258	- 6	33 48S	112 28E	2793	152	600	CONIACIAN		0-1	28-28	71-71	78-79	A	A	N	N	N
258	- 7	33 48S	112 28E	2793	162	300	CONIACIAN		1-	36-	63-	77-	A	A	N	N	N
258	- 8	33 48S	112 28E	2793	181	10	CONIACIAN		-	-	-	-	A	A	N	N	N
258	- 9	33 48S	112 28E	2793	190	100	CONIACIAN		0-	16-	94-	62-	A	A	N	N	N
258	- 10	33 48S	112 28E	2793	206	200	CONIACIAN		0-1	11-33	66-89	59-	A	A	N	N	N

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	SILTY CLAY, BASALT	254 - 33	
-	-	-	-	-	-	-	N	N				BASALT	254 - 34	
-	-	-	-	-	-	-	N	N	NONE			BASALT	254 - 35	
-	-	-	-	-	-	-	N	N	NONE			BASALT	254 - 36	
-	-	-	-	-	-	-	N	N				BASALT	254 - 37	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	254 - 38	
-	-	-	-	-	-	-	N	N				NANNO FORAM OOZE	255 - 1	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO FORAM OOZE	255 - 2	
0-	0-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	NANNO FORAM OOZE	255 - 3	
-	-	-	-	-	-	-	N	N	GREAT	NONE	SLIGHT	NANNO FORAM OOZE	255 - 4	
-	-	-	-	-	-	-	N	N	GREAT			SHELL FRAGS, CHERT	255 - 6	
-	-	-	-	-	-	-	N	N	GREAT			SHELL FRAGS, CHERT, CHALK	255 - 7	
-	-	-	-	-	-	-	C	N				CHERT	255 - 8	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	LIMESTONE	255 - 9	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	L/S, CHERT	255 - 10	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	NONE	LIMESTONE	255 - 11	
2-	19-	11-	5-	19-	20-	24-	N	C	GREAT	NONE	NONE	DETRITAL CLAY	256 - 1	
0-	6-	4-	2-	19-	22-	43-	N	C	GREAT	NONE	NONE	DETRITAL CLAY	256 - 2	
0-	7-	2-	0-	14-	27-	47-	N	C	GREAT	NONE	MODERATE	DETRITAL CLAY	256 - 3	
0-	15-	13-	2-	30-	15-	24-	N	R	GREAT	NONE	SLIGHT	DETRITAL CLAY	256 - 4	
-	-	-	-	-	-	-	N	R	MODERATE	NONE	SLIGHT	DETRITAL CLAY	256 - 5	
17-	9-	6-	0-	15-	0-	7-	N	R	MODERATE	NONE	NONE	DETRITAL CLAY	256 - 6	
36-	8-	5-	0-	17-	0-	7-	N	R	MODERATE	NONE	SLIGHT	DETRITAL CLAY	256 - 7	
6-	14-	5-	0-	7-	0-	21-	N	R	MODERATE	NONE	GREAT	DET. CLAY, NANNO DET. CLAY	256 - 8	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE		DET. CLAY, NANNO DET. CLAY	256 - 9	
-	-	-	-	-	-	-	N	N	NONE			BASALT	256 - 10	
-	-	-	-	-	-	-	N	N	NONE			BASALT	256 - 11	
0-	21-	5-	10-	21-	6-	36-	N	R	GREAT	NONE	NONE	DETRITAL CLAY	257 - 1	
8-	10-	4-	2-	22-	11-	44-	N	R	GREAT	NONE	MODERATE	DETRITAL CLAY	257 - 2	
0-	8-	3-	0-	9-	12-	68-	N	R	GREAT	NONE	SLIGHT	DETRITAL CLAY	257 - 3	
26-	4-	3-	1-	18-	0-	40-	N	R	GREAT	NONE	SLIGHT	DETRITAL CLAY	257 - 4	
24-	5-	6-	2-	18-	5-	24-	N	R	MODERATE	NONE	SLIGHT	DETRITAL CLAY	257 - 5	
19-	9-	11-	2-	19-	0-	39-	N	N	MODERATE	NONE	NONE	ZBOL. DET. CLAY	257 - 6	
0-	8-	10-	0-	8-	5-	50-	N	R	MODERATE	NONE	SLIGHT	NANNO DET. CLAY, NANNO OOZE	257 - 7	
0-	8-	9-	0-	6-	7-	65-	N	R	MODERATE	NONE	NONE	NANNO DET. CLAY, NANNO CHALK	257 - 8	
0-	23-	5-	2-	3-	0-	65-	N	R	MODERATE	BEDDED	SLIGHT	DETRITAL CLAY	257 - 9	
0-	35-	3-	0-	8-	0-	50-	N	R	NONE	BEDDED	SLIGHT	DET. CLAY, BASALT	257 - 10	
-	-	-	-	-	-	-	N	N	NONE			BASALT	257 - 11	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	L/S, BASALT	257 - 12	
-	-	-	-	-	-	-	N	N	NONE			BASALT	257 - 13	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	BASALT	257 - 14	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	DET. CLAY, BASALT	257 - 15	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	L/S, BASALT	257 - 16	
-	-	-	-	-	-	-	N	N	NONE	NONE	NONE	L/S, BASALT	257 - 17	
0-	2-	4-	0-	0-	0-	0-	N	N	GREAT	NONE	SLIGHT	FORAM BEARING NANNO OOZE	258 - 1	
0-	5-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	NONE	SP. SPIC P FORAM NANNO OOZE	258 - 2	
0-	14-	6-	0-	0-	1-	0-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	258 - 3	
-	-	-	-	-	-	-	N	N	NONE	BEDDED	SLIGHT	NANNO CHALK & OOZE	258 - 4	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	FORAM BRNG NANNO CHALK, L/S	258 - 5	
0-	1-	0-	0-	0-	0-	10-	R	N	GREAT	BEDDED	SLIGHT	FORAM & MICARB NANNO CHALK	258 - 6	
-	-	-	-	-	-	-	R	N	GREAT	NONE		CHALK, SILIC. L/S	258 - 7	
-	-	-	-	-	-	-	R	N				SILIC. L/S	258 - 8	
-	-	-	-	-	-	-	R	N				CHALK, SILIC. L/S	258 - 9	
0-	1-	0-	0-	0-	0-	18-	R	N	SLIGHT	BEDDED	GREAT	CHALK, SILIC. L/S	258 - 10	

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	DIATOM FOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSSILS	PYROCLASTICS
258 - 11		33 48S	112 28E	2793	225	400	CONIACIAN	TURONIAN CENOZOIC	-	-	-	42-	C	A	N	N	
258 - 12		33 48S	112 28E	2793	244	900	CONIACIAN		0- 0	30-45	55-71	51-73	R	A	N	N	
258 - 13		33 48S	112 28E	2793	263	500	TURONIAN		0-	35-	65-	45-67	R	A	N	N	
258 - 14		33 48S	112 28E	2793	273	100	CENOZOIC		1-	29-	70-	0-	C	A	N	N	
258 - 15		33 48S	112 28E	2793	292	800	ALBIAN		0- 0	20-29	71-80	1- 1	C	C	N	N	
258 - 16		33 48S	112 28E	2793	311	700	ALBIAN		0- 0	20-26	74-80	2- 5	R	C	N	N	
258 - 17		33 48S	112 28E	2793	329	700	ALBIAN		0- 4	20-26	70-80	3-11	C	C	N	N	
258 - 18		33 48S	112 28E	2793	349	500	ALBIAN		0- 0	10-13	87-90	10-13	A	A	N	N	
258 - 19		33 48S	112 28E	2793	368	100	ALBIAN		-	-	-	-	C	C	N	N	
258 - 20		33 48S	112 28E	2793	387	200	ALBIAN		0-	16-	84-	7-	R	C	N	N	
258 - 21		33 48S	112 28E	2793	415	400	ALBIAN	0- 0	17-18	82-83	4- 5	R	C	N	N		
258 - 22		33 48S	112 28E	2793	445	600	ALBIAN	0- 0	3-17	83-97	6- 7	R	R	N	N		
258 - 23		33 48S	112 28E	2793	482	100	LOWER CRETACEOUS	0-	12-	88-	0-	R	R	N	N		
258 - 24		33 48S	112 28E	2793	520	700		0-	7-	93-	0-16	N	N	N	N		
258 - 25		33 48S	112 28E	2793	525	500		-	-	-	0- 0	N	N	N	N		
258A- 1		33 48S	112 28E	2793	10	100	QUATERNARY	UPPER PLIOCENE MIDDLE PLIOCENE SANTONIAN	27-30	34-40	33-36	89-	A	A	N	N	
258A- 2		33 48S	112 28E	2793	29	400	QUATERNARY		26-	25-	49-	-	A	A	N	N	
258A- 3		33 48S	112 28E	2793	38	900	QUATERNARY		13-30	27-28	43-60	86-90	A	A	N	N	
258A- 4		33 48S	112 28E	2793	48	800	UPPER PLIOCENE		24-	31-	45-	90-	A	A	N	N	
258A- 5		33 48S	112 28E	2793	57	900	MIDDLE PLIOCENE		10-13	34-39	51-54	91-	A	A	N	N	
258A- 6		33 48S	112 28E	2793	76	900	LOWER PLIOCENE		4- 8	30-36	57-65	88-91	A	A	N	N	
258A- 7		33 48S	112 28E	2793	105	700	UPPER MIOCENE		22-34	52-54	14-25	70-71	A	C	N	N	
258A- 8		33 48S	112 28E	2793	114	800	UPPER MIOCENE		61-	25-	14-	79-	A	C	N	N	
258A- 9		33 48S	112 28E	2793	124	700	SANTONIAN		6-26	21-30	53-64	68-81	C	A	N	N	
258A- 10		33 48S	112 28E	2793	10	100	QUATERNARY		30-	34-	36-	-	A	A	N	N	
259 - 1		29 37S	112 42E	4712	8	700	QUATERNARY	3-	32-	65-	74-77	A	A	R	N		
259 - 2		29 37S	112 42E	4712	18	0		-	-	-	-	N	N	C	N		
259 - 3		29 37S	112 42E	4712	27	200		0-	31-	69-	0-	N	N	C	N		
259 - 4		29 37S	112 42E	4712	37	900	LOWER EOCENE	1- 5	46-53	46-49	1-41	R	C	R	N		
259 - 5		29 37S	112 42E	4712	46	600	UPPER PALEOCENE	0- 0	40-48	52-60	37-61	R	C	R	N		
259 - 6		29 37S	112 42E	4712	56	900	UPPER PALEOCENE	0- 0	38-45	55-62	59-64	C	C	R	N		
259 - 7		29 37S	112 42E	4712	65	700	UPPER PALEOCENE	1- 1	22-43	56-78	1-61	C	C	R	N		
259 - 8		29 37S	112 42E	4712	75	900	CRETACEOUS	0-	24-	76-	0- 1	R	R	R	N		
259 - 9		29 37S	112 42E	4712	84	900	CRETACEOUS	0- 2	10-17	81-90	0- 0	N	N	C	N		
259 - 10		29 37S	112 42E	4712	94	800	CRETACEOUS	2- 3	19-19	78-80	0- 0	N	N	A	N		
259 - 11		29 37S	112 42E	4712	103	600	ALBIAN	0- 1	23-25	74-77	0- 7	N	R	A	N		
259 - 12		29 37S	112 42E	4712	113	900	ALBIAN	1- 1	22-23	77-77	7-11	R	A	A	N		
259 - 13		29 37S	112 42E	4712	122	900	ALBIAN	0- 1	23-24	75-77	16-18	R	A	A	N		
259 - 14		29 37S	112 42E	4712	132	800	ALBIAN	0- 1	25-26	74-74	21-22	R	C	A	N		
259 - 15		29 37S	112 42E	4712	141	900	ALBIAN	0- 0	25-25	75-75	26-31	A	C	A	N		
259 - 16		29 37S	112 42E	4712	151	500	ALBIAN	0-	23-	77-	32-39	R	C	C	N		
259 - 17		29 37S	112 42E	4712	160	500	ALBIAN	0-	27-	73-	28-33	R	R	A	N		
259 - 18		29 37S	112 42E	4712	170	300	APTIAN	0-	12-	88-	0- 1	R	N	R	C		
259 - 19		29 37S	112 42E	4712	179	700	APTIAN	0- 0	15-17	83-85	0- 0	R	N	R	C		
259 - 20		29 37S	112 42E	4712	189	800	APTIAN	0- 0	12-13	87-88	0- 1	R	N	R	C		
259 - 21		29 37S	112 42E	4712	198	600	APTIAN	0- 0	10-18	82-90	1- 5	R	N	R	C		
259 - 22		29 37S	112 42E	4712	208	200	APTIAN	0-	18-	82-	0-	R	N	R	C		
259 - 23		29 37S	112 42E	4712	217	900	APTIAN	0- 1	10-52	48-89	0- 2	R	N	R	C		
259 - 24		29 37S	112 42E	4712	227	500	APTIAN	0-	15-	85-	1- 7	C	N	C	C		
259 - 25		29 37S	112 42E	4712	236	800	APTIAN	0-	14-	86-	0- 2	C	N	C	C		
259 - 26		29 37S	112 42E	4712	246	900	APTIAN	0-19	25-26	56-74	0- 1	C	N	R	C		
259 - 27		29 37S	112 42E	4712	255	600	APTIAN	0- 3	16-22	75-84	0- 1	C	N	R	C		
259 - 28		29 37S	112 42E	4712	265	800	APTIAN	0-	23-	77-	0- 1	C	N	R	C		
259 - 29		29 37S	112 42E	4712	274	400	APTIAN	0-	22-	78-	1- 1	C	N	R	C		
259 - 30		29 37S	112 42E	4712	284	900	APTIAN	0-22	10-14	63-90	0- 0	C	N	R	C		



ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	2-	0-	0-	0-	0-	30-	N	N	SLIGHT	NONE	GREAT	MICARB RICH NANNO CHALK	258 -	11
17-19	4- 4	0- 0	0- 2	2- 3	3- 4	11-19	R	N	NONE	NONE	GREAT	NANNO RICH MICARB CHALK	258 -	12
1-	4-	0-	0-	5-	7-	56-	N	N	SLIGHT	NONE	GREAT	NANNO RICH MICARB CHALK	258 -	13
2-	4-	0-	0-	4-	9-	56-	R	N	SLIGHT	BEDDED	MODERATE	CLAY, CHALK	258 -	14
0+	4-	0-	0-	7-	6-	44-	R	C	NONE	NONE	MODERATE	FERR. CLAY, CHLK, NANNO CLAY	258 -	15
1-	3-	0-	0-	4-	4-	18-	R	R	NONE	NONE	GREAT	FERR. DET. CLAY	258 -	16
-	-	-	-	-	-	-	R	R	NONE	NONE	GREAT	FERR. CLAY	258 -	17
-	-	-	-	-	-	-	R	R	SLIGHT	NONE	MODERATE	FERR. CLAY	258 -	18
-	-	-	-	-	-	-	R	R	SLIGHT	NONE	MODERATE	FERR. CLAY	258 -	19
-	-	-	-	-	-	-	R	R	SLIGHT	NONE	MODERATE	FERR. CLAY	258 -	20
0-	12-	2-	0-	7-	5-	31-	R	R	SLIGHT	NONE	SLIGHT	FERR. CLAY	258 -	21
0-	18-	0-	0-	5-	5-	71-	R	R	NONE	NONE	MODERATE	FERR. CLAY	258 -	22
0-	6-	0-	0-	7-	16-	72-	R	C	NONE	NONE	SLIGHT	FERR. CLAY	258 -	23
0-	1-	6-	0-	0-	6-	23-	R	R	SLIGHT	BEDDED	SLIGHT	FERR. CLAY, GLAUC. SAND, MUD	258 -	24
0-	3-	16-	0-	0-	57-	13-	R	R	NONE	GRADED	NONE	FERR. CLAY, SAND	258 -	25
-	-	-	-	-	-	-	N	R	NONE	NONE	NONE	FORAM NANNO OOZE	258A-	1
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE	258A-	2
-	-	-	-	-	-	-	N	R	GREAT	NONE	MODERATE	NANNO OOZE	258A-	3
-	-	-	-	-	-	-	R	R	GREAT	NONE	NONE	NANNO OOZE	258A-	4
-	-	-	-	-	-	-	R	R	GREAT	NONE	NONE	NANNO OOZE	258A-	5
-	-	-	-	-	-	-	R	N	GREAT	NONE	MODERATE	NANNO OOZE	258A-	6
-	-	-	-	-	-	-	R	N	GREAT	NONE	MODERATE	NANNO OOZE	258A-	7
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	NANNO OOZE	258A-	8
-	-	-	-	-	-	-	N	R	GREAT	NONE	SLIGHT	NANNO OOZE, SILIC. L/S	258A-	9
-	-	-	-	-	-	-	R	R	NONE	NONE	NONE	NANNO OOZE	258A-	1A
0-	3-	0-	0-	1-	0-	0-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	259 -	1
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	SLIGHT	ZEOL. SILTY CLAY	259 -	2
-	-	-	-	-	-	-	N	R	GREAT	NONE	MODERATE	ZEOL. SILTY CLAY, NANNO OOZE	259 -	3
-	-	-	-	-	-	-	N	N	GREAT	NONE	MODERATE	ZEOL. CLAY, NANNO OOZE	259 -	4
5-	2-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	MODERATE	ZEOL. NANNO OOZE	259 -	6
7-38	3-44	0- 0	0- 0	13- 9	0- 0	2- 8	N	P	GREAT	NONE	MODERATE	ZEOL. NANNO OOZE, CLAY	259 -	7
21-	11-	0-	0-	0-	0-	0-	N	N	GREAT	NONE	GREAT	ZEOL. CLAY	259 -	8
24-	11-	0-	2-	8-	0-	18-	N	N	GREAT	NONE	MODERATE	ZEOL. CLAY	259 -	9
40-	11-	0-	0-	12-	0-	17-	N	N	GREAT	NONE	GREAT	ZEOL. CLAY	259 -	10
29-	13-	1-	1-	4-	0-	15-	N	R	GREAT	NONE	MODERATE	ZEOL. CLAY	259 -	11
22-	9-	1-	1-	3-	0-	12-	N	N	GREAT	NONE	MODERATE	ZEOL. NANNO CRISTOBALITE CLY	259 -	12
16-	7-	2-	1-	3-	0-	8-	N	N	GREAT	NONE	MODERATE	ZEOL. CLAY RICH NANNO OOZE	259 -	13
0-	7-	2-	1-	3-	0-	7-	N	E	GREAT	NONE	MODERATE	ZEOL. CLAY RICH NANNO OOZE	259 -	14
15-	5-	1-	2-	5-	0-	6-	N	N	GREAT	NONE	SLIGHT	ZEOL. CLAY RICH NANNO OOZE	259 -	15
8-	4-	0-	0-	3-	0-	6-	N	N	GREAT	NONE	SLIGHT	CLAY, ZEOL BRNG NANNO OOZE	259 -	16
8-	5-	0-	2-	3-	0-	8-	N	N	SLIGHT	NONE	NONE	ZEOL. CLAY, NANNO OOZE	259 -	17
0-	8-	4-	1-	5-	0-	46-	R	N	SLIGHT	NONE	NONE	ZEOL. CLAY, CRISTOBALITE CLAY	259 -	18
0-	10-	4-	2-	6-	0-	50-	R	N	SLIGHT	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	19
0-	17-	7-	3-	9-	2-	38-	R	N	SLIGHT	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	20
0-	12-	5-	3-	7-	1-	43-	N	N	MODERATE	NONE	MODERATE	CRISTOBALITE CLAY	259 -	21
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	22
0-	14-	5-	3-	8-	0-	42-	R	N	MODERATE	NONE	SLIGHT	CRIST. SILTY CLAY	259 -	23
0-	11-	4-	4-	6-	2-	38-	N	N	GREAT	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	24
0-	9-	4-	2-	5-	1-	38-	N	N	MODERATE	NONE	MODERATE	CRISTOBALITE CLAY	259 -	25
0-	13-	6-	2-	8-	1-	12-	N	N	MODERATE	NONE	MODERATE	CRIST. SILTY CLAY	259 -	26
0-	11-	4-	0-	7-	0-	39-	N	N	GREAT	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	27
0-	15-	4-	0-	7-	0-	40-	N	N	MODERATE	NONE	SLIGHT	CRISTOBALITE CLAY	259 -	28
0-	20-	3-	0-	11-	0-	52-	N	N	MODERATE	NONE	SLIGHT	QTZ & CRIST. RICH CLAY	259 -	29
0-	42-	4-	0-	4-	0-	50-	N	N	MODERATE	NONE	GREAT	QTZ. CLAY	259 -	30

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSSILS	PYROCLASTICS
259	- 31	29 37S	112 42E	4712	293	800	APTIAN		0-	7-	93-	0- 1	C N R C N				
259	- 32	29 37S	112 42E	4712	303	500	APTIAN		0-	10-	90-	0-	C N R C N				
259	- 33	29 37S	112 42E	4712	312	200	APTIAN		-	-	-	32-	R N N C N				
259	- 34	29 37S	112 42E	4712	315	100			-	-	-	-					
259	- 35	29 37S	112 42E	4712	322	200			-	-	-	-					
259	- 36	29 37S	112 42E	4712	327	400			-	-	-	-					
259	- 37	29 37S	112 42E	4712	331	200			-	-	-	-					
259	- 38	29 37S	112 42E	4712	336	400			-	-	-	-					
259	- 39	29 37S	112 42E	4712	337	100			-	-	-	-					
259	- 40	29 37S	112 42E	4712	341	0			-	-	-	-					
259	- 41	29 37S	112 42E	4712	346	300			-	-	-	-					
260	- 1	16 9S	110 18E	5709	6	500	QUATERNARY		1-	32-	68-	5-65	R R A N				
260	- 2	16 9S	110 18E	5709	54	200	LOWER PLIOCENE		0-	22-	78-	89-	A A R N				
260	- 3	16 9S	110 18E	5709	101	800	MIDDLE MIOCENE		0-	15-	85-	0-86	C C N N				
260	- 4	16 9S	110 18E	5709	139	400	MIDDLE OLIGOCENE		0-	49-	51-	11-33	C A R R				
260	- 5	16 9S	110 18E	5709	168	200	UPPER CRETACEOUS		-	-	-	1-	C N R N				
260	- 6	16 9S	110 18E	5709	187	100	UPPER CRETACEOUS		-	-	-	43-	A N N N				
260	- 7	16 9S	110 18E	5709	206	500	CRETACEOUS		0- 0	18-18	82-82	0- 0	R N C N				
260	- 8	16 9S	110 18E	5709	225	300	CRETACEOUS		0-	20-	80-	0-	R N R N				
260	- 9	16 9S	110 18E	5709	244	25	LOWER CRETACEOUS		-	-	-	-	A A R N				
260	- 10	16 9S	110 18E	5709	253	300	ALBIAN		6-	33-	62-	58-	A A R N				
260	- 11	16 9S	110 18E	5709	263	100	ALBIAN		-	-	-	54-	A A C N				
260	- 12	16 9S	110 18E	5709	272	300	ALBIAN		0-	21-	79-	38-	R C C N				
260	- 13	16 9S	110 18E	5709	282	100	ALBIAN		-	-	-	10-	C A C N				
260	- 14	16 9S	110 18E	5709	291	100	ALBIAN		-	-	-	0-	R C R N				
260	- 15	16 9S	110 18E	5709	301	500	ALBIAN		0-	21-	79-	2-	R C C N				
260	- 16	16 9S	110 18E	5709	310	200	ALBIAN		0-	22-	78-	2-	R R C N				
260	- 17	16 9S	110 18E	5709	320	100	ALBIAN		-	-	-	26-	R A C N				
260	- 18	16 9S	110 18E	5709	323	200	ALBIAN		-	-	-	23-	R A C N				
260	- 19	16 9S	110 18E	5709	329	0			-	-	-	-					
260	- 20	16 9S	110 18E	5709	332	10			-	-	-	-					
261	- 1	12 57S	117 54E	5687	0	20	QUATERNARY		-	-	-	-	R R A N R				
261	- 2	12 57S	117 54E	5687	19	100	QUATERNARY		0-	20-	80-	-	A N A N C				
261	- 3	12 57S	117 54E	5687	57	500	LOWER PLIOCENE		0-	17-	84-	48-64	A A N N N				
261	- 4	12 57S	117 54E	5687	105	200	UPPER MIOCENE		0-	34-	66-	73-	A A N N R				
261	- 5	12 57S	117 54E	5687	171	100	UPPER CRETACEOUS		-	-	-	0-	C N N N N				
261	- 6	12 57S	117 54E	5687	181	900	UPPER CRETACEOUS		0- 0	10-11	90-90	0- 0	C N N N N				
261	- 7	12 57S	117 54E	5687	190	400	UPPER CRETACEOUS		0-	10-	90-	0- 0	A N N N N				
261	- 8	12 57S	117 54E	5687	200	700	UPPER CRETACEOUS		0- 0	10-15	85-90	0- 0	C N C N N				
261	- 9	12 57S	117 54E	5687	209	500	CRETACEOUS		-	-	-	0- 0	R N C N N				
261	- 10	12 57S	117 54E	5687	219	25	CRETACEOUS		-	-	-	-	R N C N N				
261	- 11	12 57S	117 54E	5687	228	25	CRETACEOUS		-	-	-	-	R N N N N				
261	- 12	12 57S	117 54E	5687	238	100	CRETACEOUS		-	-	-	1-	R N A N N				
261	- 13	12 57S	117 54E	5687	247	25	CRETACEOUS		-	-	-	-	R N C N N				
261	- 14	12 57S	117 54E	5687	257	100	LOWER CRETACEOUS		-	-	-	0-	N N R A N				
261	- 15	12 57S	117 54E	5687	266	100	LOWER CRETACEOUS		-	-	-	0-	R N C A N				
261	- 16	12 57S	117 54E	5687	276	100	LOWER CRETACEOUS		-	-	-	0-	R N A A N				
261	- 17	12 57S	117 54E	5687	285	20	LOWER CRETACEOUS		-	-	-	-	R N C N N				
261	- 18	12 57S	117 54E	5687	295	40	LOWER CRETACEOUS		-	-	-	-	R N C N N				
261	- 19	12 57S	117 54E	5687	314	600	LOWER CRETACEOUS		0- 0	11-15	85-89	0- 0	R N R N N				
261	- 20	12 57S	117 54E	5687	323	100	LOWER CRETACEOUS		0-	14-	86-	0-	R R R N N				
261	- 21	12 57S	117 54E	5687	342	400	APTIAN		-	-	-	0- 1	R N C A N				
261	- 22	12 57S	117 54E	5687	352	700	APTIAN		0- 0	9-18	82-91	0- 0	P N C A N				
261	- 23	12 57S	117 54E	5687	371	400	APTIAN		0-	32-	68-	0- 0	R N C A N				
261	- 24	12 57S	117 54E	5687	390	200	APTIAN		0-	6-	94-	0-	R N C A N				
261	- 25	12 57S	117 54E	5687	409	300	APTIAN		-	-	-	0-	R R R A N				

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	52-	4-	0-	4-	0-	39-	N	N	MODBRATP	NONE	GREAT	QTZ. CLAY	259 - 31	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	SLIGHT	QTZ. CLAY	259 - 32	
0- 0	1-28	0- 4	0- 3	0- 2	0- 0	8-10	R	N	MODERATE	NONE	NONE	CLAY, BASALT	259 - 33	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT BRECCIA	259 - 34	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT BRECCIA	259 - 35	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT BRECCIA	259 - 36	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	259 - 37	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	259 - 38	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	259 - 39	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	259 - 40	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	259 - 41	
0-	23-	5-	7-	23-	13-	6-	N	N	SLIGHT	NONE	MODERATE	RAD OOZE, NANNO OOZE	260 - 1	
6-11	21-23	6- 7	0- 0	8-14	19- 21	14-19	N	R	SLIGHT	GRADED	MODERATE	NANNO OOZE & CLAY	260 - 2	
-	-	-	-	-	-	-	R	R	MODERATE	GRADED	MODERATE	NANNO OOZE & CLAY	260 - 3	
-	-	-	-	-	-	-	R	R	GREAT	BEDDED	SLIGHT	NANNO OOZE & CLAY	260 - 4	
-	-	-	-	-	-	-	N	R	GREAT	NONE	SLIGHT	NANNO CLAY, CLAY, NANNO OOZE	260 - 5	
23-	15-	5-	4-	11-	0-	7-	R	R	GREAT	NONE	NONE	ZEOL. BEARING CLAY	260 - 6	
-	-	-	-	-	-	-	N	R	MODBRATE	NONE	SLIGHT	ZEOL. CLAY	260 - 7	
-	-	-	-	-	-	-	N	R	SLIGHT	BEDDED	SLIGHT	ZEOL. CLAY	260 - 8	
-	-	-	-	-	-	-	N	R	SLIGHT	BEDDED	NONE	NANNO OOZE	260 - 9	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	MODERATE	NANNO OOZE	260 - 10	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	NANNO OOZE	260 - 11	
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	NANNO OOZE & CHLK, CLY CHERT	260 - 12	
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO RAD OOZE, CHALK	260 - 13	
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	RAD OOZE, CLAY, CHALK	260 - 14	
0-	74-	3-	0-	6-	0-	14-	N	R	SLIGHT	BEDDED	SLIGHT	NANNO OOZE, CLAY	260 - 15	
-	-	-	-	-	-	-	N	R	SLIGHT	BEDDED	SLIGHT	CLAY, RAD OOZE	260 - 16	
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE, NANNO RAD OOZE	260 - 17	
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE, CLAY BASALT	260 - 18	
-	-	-	-	-	-	-	-	-	NONE	-	-		260 - 19	
-	-	-	-	-	-	-	-	-	NONE	-	-	BASALT	260 - 20	
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	RAD & DIAT RICH CLAY	261 - 1	
0-	5-	0-	0-	10-	7-	10-	N	R	MODERATE	NONE	SLIGHT	RAD RICH CLAY	261 - 2	
-	-	-	-	-	-	-	N	R	SLIGHT	NONE	NONE	NANNO OOZE & CLAY, CLAY	261 - 3	
-	-	-	-	-	-	-	N	C	MODERATE	NONE	SLIGHT	NANNO OOZE, CLAY	261 - 4	
-	-	-	-	-	-	-	-	-	MODERATE	NONE	SLIGHT	CLAY	261 - 5	
0-	16-	11-	2-	12-	1-	18-	N	R	GREAT	NONE	SLIGHT	QTZ CLAY, NANNO CLAY	261 - 6	
0-	15-	25-	0-	15-	4-	14-	N	R	GREAT	NONE	GREAT	QTZ & FEL CLAY, NANNO CLAY	261 - 7	
0-	12-	8-	0-	11-	2-	24-	N	R	GREAT	NONE	MODERATE	QTZ & ZEOL CLAY, CLAY	261 - 8	
14-	8-	4-	5-	20-	0-	16-	N	R	MODERATE	NONE	MODERATE	ZEOL. CLAY	261 - 9	
-	-	-	-	-	-	-	N	R	MODERATE	NONE	NONE	CLAYSTONE	261 - 10	
0-	2-	0-	0-	2-	0-	8-	N	N	NONE	BEDDED	MODERATE	CLAYSTONE	261 - 11	
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	SLIGHT	CLAYSTONE	261 - 12	
-	-	-	-	-	-	-	N	N	SLIGHT	-	-	CLAYSTONE	261 - 13	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE	NONE	CLAYSTONE	261 - 14	
-	-	-	-	-	-	-	N	N	MODBRATE	BEDDED	NONE	CLAYSTONE	261 - 15	
-	-	-	-	-	-	-	N	N	MODERATE	NONE	NONE	CLAYSTONE	261 - 16	
-	-	-	-	-	-	-	N	N	GREAT	-	-	CLAYSTONE	261 - 17	
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	CLAY	261 - 18	
0-	56-	4-	0-	9-	0-	28-	N	N	SLIGHT	BEDDED	SLIGHT	CLAYSTN, CLAYEV SMD	261 - 19	
0-	55-	7-	0-	8-	0-	27-	N	N	SLIGHT	NONE	SLIGHT	QTZ. CLAYSTN	261 - 20	
0- 0	74-89	0- 6	0- 0	4- 5	0- 0	8-15	N	N	MODERATE	NONE	NONE	QTZ CLAYSTN, RAD CLAY	261 - 21	
0-	82-	2-	0-	4-	0-	11-	N	N	MODERATE	NONE	NONE	CLAYSTN, HUDSTN	261 - 22	
0-	41-	6-	0-	12-	0-	20-	R	N	MODERATE	NONE	MODERATE	QTZ CLAYSTN, L/S	261 - 23	
-	-	-	-	-	-	-	N	N	MODBRATE	NONE	SLIGHT	QTZ. CLAYSTN	261 - 24	
0-	86-	4-	0-	4-	0-	5-	N	N	MODERATE	NONE	SLIGHT	QTZ. CLAYSTN	261 - 25	

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HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	NANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSSILS	PYROCLASTICS
261 - 26		12 57S	117 54E	5687	428	200	APTIAN		-	-	-	1-	R	N	C	A	N
261 - 27		12 57S	117 54E	5687	447	200	LOWER CRETACEOUS		0-	15-	85-	0-	R	R	R	R	N
261 - 28		12 57S	117 54E	5687	456	400	LOWER CRETACEOUS		-	-	-	1-28	R	A	A	N	N
261 - 29		12 57S	117 54E	5687	475	300	LOWER CRETACEOUS		-	-	-	1-3	R	C	A	N	N
261 - 30		12 57S	117 54E	5687	494	500	LOWER CRETACEOUS		-	-	-	21-34	C	C	R	N	N
261 - 31		12 57S	117 54E	5687	513	600	LOWER CRETACEOUS	TITHONIAN	-	-	-	0-13	C	A	R	N	N
261 - 32		12 57S	117 54E	5687	532	400	TITHONIAN	KIMMERIDGIAN	-	-	-	6-10	C	A	N	C	N
261 - 33		12 57S	117 54E	5687	534	100	OXFORDIAN		-	-	-	-	C	A	N	N	N
261 - 34		12 57S	117 54E	5687	542	300			-	-	-	-					
261 - 35		12 57S	117 54E	5687	551	700			-	-	-	-					
261 - 36		12 57S	117 54E	5687	553	100			-	-	-	-					
261 - 37		12 57S	117 54E	5687	561	300			-	-	-	-					
261 - 38		12 57S	117 54E	5687	570	600			-	-	-	-					N
261 - 39		12 57S	117 54E	5687	580	10			-	-	-	-					N
262 - 1		10 52S	123 51E	2315	5	400	HOLOCENE	PLEISTOCENE	0-1	31-35	65-68	47-	A	A	C		N
262 - 2		10 52S	123 51E	2315	15	400	PLEISTOCENE		-	-	-	43-	A	A	C		N
262 - 3		10 52S	123 51E	2315	24	800	PLEISTOCENE		1-	37-	62-	33-34	A	A	A		N
262 - 4		10 52S	123 51E	2315	34	500	PLEISTOCENE		1-	34-	65-	32-	A	A	A		N
262 - 5		10 52S	123 51E	2315	43	700	PLEISTOCENE		1-	34-	65-	24-33	A	A	A		R
262 - 6		10 52S	123 51E	2315	53	900	PLEISTOCENE		0-1	30-37	63-70	33-37	A	A	C		N
262 - 7		10 52S	123 51E	2315	62	900	PLEISTOCENE		0-1	29-31	69-71	34-36	A	A	C		R
262 - 8		10 52S	123 51E	2315	72	900	PLEISTOCENE		1-1	32-33	67-67	31-34	A	A	R		R
262 - 9		10 52S	123 51E	2315	81	900	PLEISTOCENE		1-	33-	66-	31-34	A	A	C		R
262 - 10		10 52S	123 51E	2315	91	900	PLEISTOCENE		1-	30-	69-	30-74	A	A	C		H
262 - 11		10 52S	123 51E	2315	100	900	PLEISTOCENE		0-1	35-36	64-65	28-34	A	A	A		N
262 - 12		10 52S	123 51E	2315	110	900	PLEISTOCENE		0-	54-	46-	28-74	A	A	A		N
262 - 13		10 52S	123 51E	2315	119	900	PLEISTOCENE		1-1	33-39	61-66	26-31	A	A	A		R
262 - 14		10 52S	123 51E	2315	129	900	PLEISTOCENE		1-1	30-33	67-69	29-32	A	A	C		N
262 - 15		10 52S	123 51E	2315	138	900	PLEISTOCENE		1-1	28-33	67-71	30-32	A	A	A		R
262 - 16		10 52S	123 51E	2315	148	700	PLEISTOCENE		1-6	32-38	57-67	29-30	A	A	A		N
262 - 17		10 52S	123 51E	2315	157	900	PLEISTOCENE		2-2	27-30	68-71	34-41	A	A	A		R
262 - 18		10 52S	123 51E	2315	167	900	PLEISTOCENE		1-2	26-29	71-74	29-32	A	A	A		N
262 - 19		10 52S	123 51E	2315	176	900	PLEISTOCENE		1-1	26-28	72-73	30-31	A	A	A		N
262 - 20		10 52S	123 51E	2315	186	900	PLEISTOCENE		1-1	27-28	71-71	32-37	A	A	A		N
262 - 21		10 52S	123 51E	2315	195	900	PLEISTOCENE		2-3	27-27	70-71	33-38	A	A	A		N
262 - 22		10 52S	123 51E	2315	205	600	PLEISTOCENE		1-1	24-26	73-75	30-32	A	A	C		N
262 - 23		10 52S	123 51E	2315	214	800	PLEISTOCENE		1-2	22-27	71-77	39-42	A	A	C		R
262 - 24		10 52S	123 51E	2315	224	900	PLEISTOCENE		3-	25-	72-	36-36	A	A	A		N
262 - 25		10 52S	123 51E	2315	233	700	PLEISTOCENE		2-3	25-26	71-73	37-40	A	A	A		N
262 - 26		10 52S	123 51E	2315	243	900	PLEISTOCENE		2-4	26-26	70-72	41-48	A	A	C		N
262 - 27		10 52S	123 51E	2315	252	900	PLEISTOCENE		2-3	24-25	73-73	41-48	A	A	R		N
262 - 28		10 52S	123 51E	2315	262	400	PLEISTOCENE		10-	31-	60-	-	A	A	R		N
262 - 29		10 52S	123 51E	2315	271	900	PLEISTOCENE		5-6	21-27	68-73	59-65	A	A	R		C
262 - 30		10 52S	123 51E	2315	281	700	PLEISTOCENE		9-13	34-34	53-57	58-67	A	A	N		N
262 - 31		10 52S	123 51E	2315	290	800	PLEISTOCENE		8-8	26-33	59-65	61-67	A	A	N		N
262 - 32		10 52S	123 51E	2315	300	900	PLEISTOCENE		5-7	33-37	56-62	62-71	A	A	N		N
262 - 33		10 52S	123 51E	2315	309	800	PLEISTOCENE		1-2	31-32	68-68	62-67	A	A	N		C
262 - 34		10 52S	123 51E	2315	319	600	PLEISTOCENE		1-	41-	58-	64-65	A	A	N		C
262 - 35		10 52S	123 51E	2315	328	800	PLEISTOCENE		2-4	33-38	59-65	62-72	A	A	N		C
262 - 36		10 52S	123 51E	2315	338	900	PLEISTOCENE		2-6	32-33	62-65	48-59	A	A	N		C
262 - 37		10 52S	123 51E	2315	347	900	UPPER PLIOCENE		4-10	45-57	33-52	64-69	A	A	N		N
262 - 38		10 52S	123 51E	2315	357	700	UPPER PLIOCENE		14-53	28-48	19-38	62-82	A	C	N		N
262 - 39		10 52S	123 51E	2315	366	800	UPPER PLIOCENE		22-45	32-44	23-34	77-80	A	C	N		N
262 - 40		10 52S	123 51E	2315	376	700	UPPER PLIOCENE		25-	34-	41-	57-80	A	C	N		N
262 - 41		10 52S	123 51E	2315	385	700	MIDDLE PLIOCENE		46-56	26-29	18-25	78-89	A	C	N		N
262 - 42		10 52S	123 51E	2315	395	700	MIDDLE PLIOCENE		21-34	37-47	29-32	56-78	A	C	N		N
262 - 43		10 52S	123 51E	2315	404	200	MIDDLE PLIOCENE		46-	34-	20-	-	A	C	N		N

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ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	91-	0-	0-	2-	0-	5-	N	R	MODERATE	NONE	SLIGHT	CLAYSTN,CLAY,CHLK	261 - 26	
0-	87-	1-	0-	4-	0-	6-	N	R	MODERATE	NONE	SLIGHT	QTZ.CLAYSTN	261 - 27	
0- 0	6-86	0- 1	0- 0	0- 4	0- 0	8-93	N	N	MODERATE	NONE	SLIGHT	CLAYSTN	261 - 28	
0- 0	80-	0-	0-	2-	0-	13-	N	N	MODERATE	NONE	SLIGHT	CLAYSTN	261 - 29	
0- 0	21-	2-	0-	3-	0-	6-	N	N	MODERATE	NONE	SLIGHT	CLAYSTN	261 - 30	
0- 0	2-47	0- 5	0- 0	0- 7	0- 0	14-98	N	R	NONE	NONE	MODERATE	CLAYSTN	261 - 31	
0- 0	18-35	7- 9	0- 0	6-11	0- 0	7-27	N	R	MODERATE	NONE	SLIGHT	NANNO QTZ CLAYSTN	261 - 32	
-	-	-	-	-	-	-	N	N	SLIGHT	NONE		NANNO CLAYSTN, BASALT	261 - 33	
-	-	-	-	-	-	-	-	-	NONE			BASALT	261 - 34	
-	-	-	-	-	-	-	-	-	GREAT			BASALT,L/S	261 - 35	
-	-	-	-	-	-	-	-	-	NONE			BASALT	261 - 36	
-	-	-	-	-	-	-	-	-	NONE			BASALT	261 - 37	
-	-	-	-	-	-	-	-	-	NONE			BASALT	261 - 38	
-	-	-	-	-	-	-	-	-	NONE			BASALT	261 - 39	
-	-	-	-	-	-	-	N	N	SLIGHT	BEDDED	NONE	NANNO OOZE, FORAM SANDY SILT	262 - 1	
0-	19-	0-	3-	9-	3-	13-	R	N	SLIGHT	NONE	NONE	RAD & CLAY NANNO OOZE	262 - 2	
0-	20-	0-	3-	10-	3-	10-	R	N	SLIGHT	BEDDED		RAD RICH NANNO OOZE	262 - 3	
0-	20-	0-	3-	10-	5-	9-	R	N	GREAT	NONE	NONE	MICARB RICH NANNO OOZE	262 - 4	
0-	19-	0-	3-	10-	4-	13-	R	N	GREAT	BEDDED	NONE	CLAY RICH NANNO OOZE	262 - 5	
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	CLAY RICH NANNO OOZE	262 - 6	
0-	16-	0-	3-	9-	4-	6-	R	N	GREAT	NONE	NONE	RAD RICH NANNO OOZE	262 - 7	
0-	16-	0-	2-	9-	4-	7-	R	N	GREAT	NONE	NONE	CLAY RICH NANNO OOZE	262 - 8	
0-	17-	0-	2-	9-	5-	9-	R	N	GREAT	NONE	NONE	RAD RICH NANNO OOZE	262 - 9	
0-	22-	0-	3-	9-	3-	9-	R	N	GREAT	BEDDED	NONE	NANNO OOZE, FORAM SILTY SAND	262 - 10	
0-	22-	0-	3-	11-	4-	15-	R	N	GREAT	NONE	SLIGHT	NANNO OOZE, FORAM SILTY SAND	262 - 11	
1-	6-	0-	0-	2-	1-	3-	R	N	MODERATE	GRADED	SLIGHT	NANNO OOZE, FORAM SILT	262 - 12	
0-	21-	0-	4-	15-	4-	13-	R	N	GREAT	NONE	NONE	CLAY & RAD RICH NANNO OOZE	262 - 13	
0-	26-	0-	0-	12-	4-	10-	R	N	MODERATE	NONE	NONE	CLAY & RAD RICH NANNO OOZE	262 - 14	
0-	22-	0-	5-	9-	4-	8-	R	N	MODERATE	NONE	NONE	RAD RICH NANNO OOZE	262 - 15	
0-	21-	0-	4-	10-	7-	8-	R	N	GREAT	GRADED	NONE	NANNO OOZE, FORAM SAND	262 - 16	
0-	24-	0-	5-	11-	3-	5-	R	N	MODERATE	NONE	NONE	CLAY RICH NANNO OOZE	262 - 17	
0-	20-	0-	3-	10-	4-	10-	R	N	GREAT	NONE	NONE	RAD RICH NANNO OOZE	262 - 18	
0-	22-	2-	4-	16-	5-	5-	R	N	MODERATE	NONE	SLIGHT	CLAY & RAD RICH NANNO OOZE	262 - 19	
0-	19-	0-	5-	12-	3-	8-	R	R	GREAT	NONE	NONE	CLAY & RAD RICH NANNO OOZE	262 - 20	
0-	16-	0-	3-	9-	3-	7-	R	N	GREAT	NONE	SLIGHT	CLAY RICH NANNO OOZE	262 - 21	
0-	20-	0-	3-	13-	5-	13-	R	N	MODERATE	NONE	SLIGHT	CLAY RICH NANNO OOZE	262 - 22	
0-	13-	0-	2-	11-	2-	10-	R	N	MODERATE	NONE	NONE	CLAY NANNO OOZE	262 - 23	
0-	16-	0-	3-	9-	2-	6-	R	N	MODERATE	NONE	SLIGHT	CLAY RICH NANNO OOZE	262 - 24	
0-	15-	0-	2-	8-	3-	10-	R	N	GREAT	NONE	NONE	CLAY RICH NANNO OOZE	262 - 25	
0-	13-	0-	3-	8-	2-	8-	R	N	MODERATE	NONE	NONE	CLAY RICH NANNO OOZE	262 - 26	
0-	12-	0-	3-	11-	3-	11-	R	N	SLIGHT	NONE	NONE	CLAY RICH NANNO OOZE	262 - 27	
1-	13-	0-	3-	8-	2-	0-	R	N	SLIGHT	NONE	NONE	FORAM & CLY RICH NANNO OOZE	262 - 28	
0-	6-	2-	0-	4-	2-	3-	R	N	SLIGHT	NONE	SLIGHT	CLAY NANNO OOZE,ASH	262 - 29	
0-	5-	0-	1-	6-	1-	3-	R	N	SLIGHT	NONE	SLIGHT	CLAY RICH NANNO OOZE	262 - 30	
0-	6-	0-	0-	5-	3-	5-	R	N	GREAT	NONE	SLIGHT	CLAY & MIC RICH NANNO OOZE	262 - 31	
0-	7-	0-	0-	6-	2-	2-	R	N	MODERATE	NONE	SLIGHT	CLAY & MIC RICH NANNO OOZE	262 - 32	
0-	6-	0-	0-	5-	2-	0-	R	N	SLIGHT	NONE	SLIGHT	NANNO OOZE,ASH	262 - 33	
0-	6-	0-	1-	5-	1-	0-	R	N	SLIGHT	NONE	SLIGHT	MIC & CLAY RICH NANNO OOZE	262 - 34	
0-	6-	0-	0-	4-	2-	0-	R	N	MODERATE	NONE	NONE	CLAY NANNO OOZE,ASH	262 - 35	
0-	10-	0-	1-	6-	2-	0-	R	R	MODERATE	NONE	NONE	CLAY NANNO OOZE	262 - 36	
0-	11-	0-	0-	4-	2-	0-	R	R	MODERATE	NONE	NONE	NANNO FORAM OOZE	262 - 37	
0-	4-	0-	0-	2-	0-	0-	N	N	SLIGHT	NONE	SLIGHT	NANNO FORAM OOZE	262 - 38	
0-	8-	0-	0-	2-	0-	0-	R	N	SLIGHT	NONE	NONE	NANNO FORAM OOZE	262 - 39	
0-	12-	2-	3-	7-	0-	0-	R	N	SLIGHT	NONE	SLIGHT	FORAM OOZE	262 - 40	
0-	4-	0-	0-	0-	0-	0-	R	N	SLIGHT	NONE	MODERATE	FORAM OOZE	262 - 41	
0-	12-	0-	0-	2-	2-	0-	N	N	SLIGHT	NONE	SLIGHT	MICARB FORAM OOZE	262 - 42	
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	SLIGHT	MICARB FORAM OOZE	262 - 43	

HOLE	CORE	LATITUDE	LONGITUDE	WATER DEPTH (m)	SUBBOTTOM DEPTH TO BOTTOM OF CORE (m)	LENGTH OF CORE (cm)	AGE AT TOP	AGE AT BOTTOM (NOT RESULT OF REWORKING)	PERCENT SAND	PERCENT SILT	PERCENT CLAY	PERCENT CaCO <sub>3</sub>	FORAMINIFERA	DIATNANNOFOSSILS	SILICEOUS MICROFOSSILS	ORG-WALLED MICROFOSS	PYROCLASTICS
262	- 44	10 52S	123 51E	2315	414	300	MIDDLE PLIOCENE		50-	30-	20-	77-81	A	C	N	N	
262	- 45	10 52S	123 51E	2315	423	900	MIDDLE PLIOCENE		26-28	55-55	17-19	98-99	A	R	N	N	
262	- 46	10 52S	123 51E	2315	433	0	MIDDLE PLIOCENE		-	-	-	-	N	N	N	N	
262	- 47	10 52S	123 51E	2315	442	0	MIDDLE PLIOCENE		-	-	-	-	A	N	N	N	
263	- 1	23 19S	110 58E	5065	5	400	QUATERNARY		2-	45-	53-	53-	A	A	R	N	
263	- 2	23 19S	110 58E	5065	62	500	QUATERNARY		51-	18-	31-	35-78	A	A	R	R	N
263	- 3	23 19S	110 58E	5065	100	900	UPPER PLIOCENE		52-56	22-26	23-23	82-86	A	R	N	N	N
263	- 4	23 19S	110 58E	5065	119	900	LOWER PALEOCENE		0-0	19-19	81-81	9-12	R	R	R	N	N
263	- 5	23 19S	110 58E	5065	138	0	LOWER CRETACEOUS		-	-	-	7-	R	A	R	R	N
263	- 6	23 19S	110 58E	5065	157	800	LOWER CRETACEOUS		0-0	17-17	83-83	1-7	R	C	R	R	R
263	- 7	23 19S	110 58E	5065	186	200	LOWER CRETACEOUS		0-	16-	83-	2-13	R	R	R	N	R
263	- 8	23 19S	110 58E	5065	214	100	LOWER CRETACEOUS		-	-	-	1-	C	N	R	R	R
263	- 9	23 19S	110 58E	5065	233	600	LOWER CRETACEOUS		0-	15-	85-	0-1	C	R	R	R	N
263	- 10	23 19S	110 58E	5065	252	400	LOWER CRETACEOUS		0-	22-	78-	0-1	C	R	R	R	N
263	- 11	23 19S	110 58E	5065	271	500	LOWER CRETACEOUS		0-	7-	93-	9-12	C	R	R	C	N
263	- 12	23 19S	110 58E	5065	290	500	LOWER CRETACEOUS		17-	10-	73-	1-	C	N	R	R	N
263	- 13	23 19S	110 58E	5065	309	600	LOWER CRETACEOUS		0-	14-	86-	0-2	C	N	N	N	N
263	- 14	23 19S	110 58E	5065	328	700	LOWER CRETACEOUS		0-0	9-16	84-91	0-0	R	N	R	R	N
263	- 15	23 19S	110 58E	5065	347	400	LOWER CRETACEOUS		-	-	-	0-0	R	N	R	R	N
263	- 16	23 19S	110 58E	5065	366	100	LOWER CRETACEOUS		-	-	-	0-	C	N	R	N	N
263	- 17	23 19S	110 58E	5065	395	900	LOWER CRETACEOUS		-	-	-	0-1	A	R	N	R	N
263	- 18	23 19S	110 58E	5065	423	700	LOWER CRETACEOUS		0-	22-	78-	1-1	C	R	R	R	N
263	- 19	23 19S	110 58E	5065	461	800	LOWER CRETACEOUS		0-0	26-33	67-74	0-1	C	N	N	R	N
263	- 20	23 19S	110 58E	5065	490	900	LOWER CRETACEOUS		-	-	-	0-0	R	N	N	R	N
263	- 21	23 19S	110 58E	5065	528	600	LOWER CRETACEOUS		-	-	-	0-2	C	R	N	R	N
263	- 22	23 19S	110 58E	5065	566	400	LOWER CRETACEOUS		0-	37-	63-	3-63	R	C	N	N	N
263	- 23	23 19S	110 58E	5065	604	600	LOWER CRETACEOUS		1-1	48-49	51-52	1-78	R	C	N	R	N
263	- 24	23 19S	110 58E	5065	642	800	LOWER CRETACEOUS		0-	49-	51-	0-1	R	C	N	N	N
263	- 25	23 19S	110 58E	5065	680	400	LOWER CRETACEOUS		-	-	-	1-	R	C	N	R	N
263	- 26	23 19S	110 58E	5065	708	600	LOWER CRETACEOUS		-	-	-	6-77	R	R	N	R	N
263	- 27	23 19S	110 58E	5065	718	10	LOWER CRETACEOUS		-	-	-	-	R	C	N	N	N
263	- 28	23 19S	110 58E	5065	737	400	LOWER CRETACEOUS		0-	47-	53-	0-59	R	R	N	R	N
263	- 29	23 19S	110 58E	5065	746	500	LOWER CRETACEOUS		0-	36-	63-	2-3	C	R	R	R	N

ZEOLITES	QUARTZ	K-FELDSPAR	PLAGIOCLASE	MICA	KAOLINITE	MONTMORILLONITE	PYRITE	FE/MN	CORE DISTURBANCE	BEDDING	MOTTLING	LITHOLOGY	HOLE	CORE
0-	7-	0-	0-	0-	0-	0-	R	N	SLIGHT	BEDDED	NONE	NANNO FORAM OOZE	262 -	44
0-	1-	0-	0-	0-	0-	0-	N	N	SLIGHT	BEDDED	NONE	MICARB OOZE, DOLOMITE	262 -	45
-	-	-	-	-	-	-	N	N				DOLO.SHELL CALCARENITE	262 -	46
-	-	-	-	-	-	-	N	N				DOLO.SHELL CALCARENITE	262 -	47
0-	3-	0-	0-	0-	0-	0-	R	N	MODERATE	GRADED	NONE	NANNO OOZE, FORAM SAND	263 -	1
0-	6-	0-	0-	2-	1-	0-	N	R	SLIGHT	GRADED	NONE	NANNO OOZE, NANNO CLAY	263 -	2
0-	4-	0-	0-	1-	0-	0-	R	N	SLIGHT	NONE	NONE	NANNO OOZE	263 -	3
0-	17-	5-	0-	12-	0-	46-	R	N	GREAT	BEDDED	NONE	NANNO CLAY, QTZ CLAY	263 -	4
-	-	-	-	-	-	-	N	N	GREAT	NONE	NONE	NANNO CLAY	263 -	5
0-	19-	10-	2-	16-	0-	47-	R	N	MODERATE	BEDDED	MODERATE	QTZ NANNO CLAY	263 -	6
0-	25-	9-	2-	15-	0-	44-	R	N	GREAT	BEDDED	NONE	QTZ NANNO CLAY	263 -	7
-	-	-	-	-	-	-	R	N	GREAT	NONE	NONE	CLAYSTONE	263 -	8
0-	43-	6-	1-	17-	2-	27-	R	N	SLIGHT	BEDDED	NONE	QTZ CLAY	263 -	9
0-	32-	3-	0-	15-	3-	46-	C	R	SLIGHT	BEDDED	NONE	QTZ CLAY	263 -	10
0-	49-	4-	2-	16-	3-	17-	R	R	NONE	BEDDED	NONE	QTZ CLAY	263 -	11
0-	58-	1-	0-	15-	0-	20-	C	N	SLIGHT	NONE	NONE	QTZ CLAY, SANDY CLAY	263 -	12
0-	51-	7-	3-	17-	2-	14-	R	N	MODERATE	BEDDED	NONE	QTZ CLAY	263 -	13
0-	50-	5-	2-	15-	0-	25-	R	N	SLIGHT	BEDDED	NONE	QTZ CLAY, CLAY	263 -	14
0-	56-	3-	2-	12-	6-	21-	R	N	SLIGHT	BEDDED	NONE	QTZ CLAY	263 -	15
-	-	-	-	-	-	-	R	N	SLIGHT	NONE	NONE	SANDY QTZ CLAY	263 -	16
0-	67-	4-	0-	9-	0-	18-	R	N	SLIGHT	NONE	NONE	QTZ CLAY	263 -	17
0-	58-	3-	0-	12-	2-	22-	R	N	NONE	NONE	NONE	QTZ CLAY	263 -	18
0-	15-	22-	0-	16-	5-	17-	R	N	NONE	NONE	NONE	QTZ & FELD CLAY	263 -	19
0- 0	3-47	0- 6	0- 0	0-22	0-13	0- 9	C	N	NONE	BEDDED	NONE	QTZ CLAY	263 -	20
0-	37-	5-	2-	18-	22-	1-	R	N	NONE	BEDDED	NONE	QTZ CLAY	263 -	21
0-	36-	5-	2-	19-	25-	9-	R	N	NONE	NONE	SLIGHT	QTZ SILTY CLAY	263 -	22
0-	36-	4-	2-	23-	23-	5-	R	N	NONE	NONE	NONE	QTZ SILTY CLAY	263 -	23
0-	38-	4-	1-	21-	26-	5-	C	N	NONE	NONE	NONE	QTZ SILTY CLAY	263 -	24
0-	3-	0-	0-	1-	88-	2-	C	N	NONE	NONE	NONE	QTZ CLAY	263 -	25
-	-	-	-	-	-	-	C	N	NONE	NONE	NONE	QTZ CLAY	263 -	26
-	-	-	-	-	-	-	R	N				QTZ CLAYSTONE	263 -	27
0-	28-	0-	0-	2-	47-	20-	R	N	NONE	NONE	NONE	SILTY CLAY, GLAUC.S/S	263 -	28
0-	46-	0-	1-	19-	18-	5-	R	N	NONE	NONE	NONE	QTZ SILTY CLAY	263 -	29