SUMMARY DATA DESCRIPTIONS FOR SEATAR AREA

Tape characteristics: 9-Track, 800 BPI, EBCDIC code,
odd parity
blocking factor is 50
(4000 characters per record)

1. CORES - LAMONT ONLY

1 magnetic tape US8

1 file containing
- core number
- geographic location
- Marsden square
- publications
- paleomagnetics
- age
- structure
- lithology
- paleontology
- mineralogy

format key

complete listing of tape file

Core DATA

CARD 1

GENERAL INFORMATION

(1-8)_____ Cruise and Core No. - RC=CONRAD VM=VEMA

(10-12)_____ Station No.

(14-19)_____ Date taken Month-Day-Year

(21-24)_____ Local time

(25-30) EX.-33.33 = 33°33' S Latitude + = North - = South

(32-38) EX.-124.54= 124°54' W Longitude + = East - = West

Note! Degrees and minutes expressed with decimal point

(40-44)_____ Depth (m) Corrected depth in meters

(46-49)_____ True Core Length (cm) Core length when opened

(51-52)_____ Trigger Core Length (cm)

(54) _____ Oriented 1=yes 0=no

(56-61)_____ Date Described Month-Day-Year

(63-65)_____ Marsden Square Location

(67) _____ Publications 1=yes 0=no

(68) _____ Paleomagnetics 1=yes 0=no

Age at Base

A 1 in the appropriate column indicates the age at the base of the core. A 1 in column 76 indicates no age at base determined yet.

(69)_____ Pleistocene

(70)_____ Pliocene

(71)_____ Miocene

(72)_____ Oligocene

(73)_____ Eocene

(74)_____ Paleocene

(75)_____ Pre-Tertiary

CARD A

STRUCTURE AND LITHOLOGY CODES

(1-8)_____Cruise and Core No.

EXAMPLE

	Relative Importance	Structure	LITHOLOGY							
(10-19)	D	0	0	5	1	5	0	0	0	0
(20-29)	A	3	2	4	0	0	0	0	0	0
(30-39)										
(40-49)										
(50-59)										
(60-69)										
(70-79)										

(80)_____(Blank unless another lithology card follows. Then it will equal 1.)

KEY STRUCTURE

0 Structureless
1 Interbedded
2 Laminated
3 Graded
4 Brecciated

LITHOLOGY

05 Foraminiferal
06 Radiolarian
07 Diatomaceous
08 Pteropod
09 Sapropel
10 Shell hash
11 Volcanic
12 Chalk
13 Marl
14 Clay
15 Ooze
16 Manganese crust
17 Manganese nodules
18 Gravelly
19 Sandy
20 Silty
21 Muddy
22 Clayey
23 Gravel
24 Sand
25 Silt
26 Mud
27 Ash

This would indicate a dominant layer of foraminiferal ooze at the top of the core followed by an accessory layer of graded sand.

RELATIVE IMPORTANCE

D Dominant
A Accessory

CARD 3

CHECKLIST

1-8_____Cruise and Core No.

ACCESSORY STRUCTURE

10__CROSS BEDDING

11__SMALL SCALE GRADING

12__CONVOLUTE BEDDING

EVIDENCE OF DISTURBANCE

13__SLUMP STRUCTURE

14__BRECCIA

15__FAULTING

16__INCLINED BEDDING

MOTTLING

17__Burrowing

18__Intense Burrowing

PALEONTOLOGY

19__FORAMINIFERA

20__RADIOLARIA

21__DIATOMS

22__PTEROPODS

23__CORALS

24__BRYOZOA

25__GASTROPODS

26__BIVALVES

27__SCAPHOPODS

28__OSTRACODS

29__ALGAE

30__ECHINOID SPINES

31__SPONGE SPICULES

32__CRUSTACEAN SPINES

33__FISH TEETH

34__SHELL FRAGMENTS

35__PLANT DEBRIS

36__

MINERALOGY

37__QUARTZ

38__DARK MINERALS

39__MICA

40__SEDIMENTARY ROCK FRAGMENTS

41__IGNEOUS ROCK FRAG. (BASIC)

42__IGNEOUS ROCK FRAG. (ACIDIC)

43__VOLCANIC GLASS SHARDS (DISSEM.)

44__PALAGONITE

45__PUMICE

46__SCORIA

47__PHILLIPSITE

48__MANGANESE OXIDE (DISSEM.)

49__MANGANESE NODULES

50__HYDROTROILITE

51__SULFIDE

52__GLAUCONITE

53__DOLOMITE RHOMBS

54__MAGNETIC SPHERULES

55__TEKTITES

56__MAGNETITE

57__PYRITE CONCRETIONS

58__SAND STRINGER (S)

59__ASH LAYER (S)

60__FERRUGINOUS LAYER (S)

61__SAPROPEL

62__METAMORPHIC ROCK

63__ZEOLITES

64__NO COARSE FRACTION

A 1 in any column of this card indicates the presence of that component or structure in the core.