

Stratum	Location: 140,851 N; 71,192 E Field Engineer: C.A. Rivette Field Geologist: P. Buozis	SAMPLER* TYPE	BLOW COUNT ⁺				PERCENT RECOVERY (See note below)				DRILLING RATE ¹ MINUTES PER FOOT					REVES. PER MINUTE	
			● WATER CONTENT, %								WEIGHT ON BIT, KIPS						
			20	40	60	80	20	40	60	80	5	10	15	20	25	100	200
0	† Seafloor at El - 105.1'																
I	Light brown fine to medium carbonate sand with coral and shell fragments -silty to 2.0'	TT															
10	(10.75')	TT															
II	Light brown fine carbonate silty sand with coral and shell fragments	TT															
20	(22.75')	TT															
III	White carbonate sand -moderately to weakly cemented to 23.75' -with coral fragments, 23.75' (28.75') to 27.75'	SS															
30	IV -coral fragments below 27.75'	TT															
34.25'	White carbonate silt with sand and coral fragments	TT															
40	V Intermixed white carbonate sand and silt with coral fragments -carbonate sand at 40.25'	TT															
44.25'		TT															
50	Light gray carbonate sand -with silt and coral fragments to 45.25' -with shell fragments, 46.25' to 48.25' -with silt, coral and shell fragments, 48.25' to 52.25' -medium to coarse, 52.25' to 56.25' -with coral and shell fragments, 52.25' to 73.25' -weakly cemented, 56.25' to 70.25'	TT															
60		SS															
70	-moderately cemented below 70.25' -chalky, 73.25' to 81.75' and 91.75' to 94.75' -white, 73.25' to 81.75'	SS															
80		SS															
82.5'	-with coral and shell fragments, 82.5' to 83.0' and 91.75' to 94.75'	TT															
90		LY															
94.75'	-with coral fragments, 94.75' to 99.75'	LY															
100		LY															
110		LY															
115.3'	-weakly cemented at 115.3' -silty with shell and coral fragments, 115.3' to 140.15'	LY															
120		LY															
130		LY															
140		LY															
142.0'	-firmly cemented at 142.0' -with coral and shell fragments below 142.0'	LY															
150		LY															
150.45'	-weakly cemented, 150.45' to 157.25'	LY															
160		LY															
170	(171.8')	LY															
171.8'	Light brown moderate to well cemented limestone with shell and coral fragments	LY															
180		LY															
186.7'	(186.7')	LY															
190	White moderately to firmly cemented carbonate sand -with shells, 191.3' to 195.8' -with coral, 195.8' to 202.3'	LY															
200		LY															

Job No. : 0185-1032

*SAMPLER TYPE
 SS - 300-in. split-barrel
 TW - 300-in. thick-wall
 TT - 225-in. thin-wall
 TS - 300-in. thin-wall
 LY - Longyear system
 CD - Christensen system

⁺Number of blows of a 175-lb weight dropped approx. 5-h required to produce a 12-in. penetration, except where noted, of a 300-in.-OD, 2.50-in.-ID super tube sampler.

% Rec. = $\frac{\text{Total Sample Recovered}}{\text{Total Interval Drilled}}$
 % Rec. = $\frac{\text{Total Sample Recovered}}{\text{Total Interval Sampled}}$
 (Solid line indicates total interval drilled)

¹The drilling rate is expressed by a solid line and the weight on bit by a dashed line. No line is given for drilling rate when the core barrel spun through the formation.

**LOG AND TEST RESULTS
 BORING KAR-1, KOA CRATER
 ENEWETAK ATOLL, MARSHALL ISLANDS**

PLATE 3A

11-32