

Stratum	Location: 124,053 N; 37,527 E Field Engineer: C.A. Rivette Field Geologist: A. Radcliffe	SAMPLER TYPE	BLOW COUNT†				PERCENT RECOVERY (See note below)				DRILLING RATE‡ 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- 143.8'																
I	White medium to coarse carbonate sand with shell fragments -silty, 4.3' to 7.7'	SS															
10	-with coral fragments, 10.5' to 11.2' (12.4')	SS															
20	Light brown fine to coarse carbonate silty sand with coral and shell fragments -with H ₂ S odor, 16.2' to 17.1' and 19.8' to 20.9'	SS															
30	-with H ₂ S odor, 25.6' to 27'	TW															
II		TW															
40	-with H ₂ S odor, 35' to 36.5'	TW															
50	(49.8')	TW															
III	White fine to medium carbonate sandy silt with shell and coral fragments	TW															
60	-with limestone fragments, 60.3' to 61.1' (62.3')	TW															
70	Light brown fine to coarse carbonate silty sand with coral fragments -white with limestone fragments to 67.6'	TW															
80	-white, 81.4' to 82.9'	TW															
IV		TW															
90	-white, 87.8' to 89.1' and 92' to 94.7'	TW															
100	-fine to medium, with shell fragments, 92' to 93.2'	TW															
110	-medium to coarse below 96.3' (97.3')	TW															
120																	
130																	
140																	
150																	
160																	
170																	
180																	
190																	
200																	

Job No. : 0185-1032
 Final Penetration : 97.3'
 Date Completed : June 7, 1985
 †Water Depth Measured : at 2215 hrs on June 6, 1985

*SAMPLER TYPE
 SS - 300-in spill-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 300-lb weight dropped approx. 6-ft required to produce a 12-in. penetration, except where noted, of a 300-in.-OD, 2.50-in.-ID taper 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)

‡The 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 OJT-12, OAK CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS

PLATE 24

11-88