

PENETRATION BELOW SEAFLOOR IN FEET	Location: 120,320 N; 33,197 E Field Engineer: G.L. Holloway Field Geologist: D.R. Spikula	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 - 84.0'																
0-11.5'	Light brown fine to coarse carbonate silty sand -with shell and coral fragments to 11.5'	SS															
11.5-15.3'		SS															
15.3-16.4'	-with coral fragments, 15.3' to 16.4'	SS															
16.4-20.8'		SS															
20.8-41.4'	-with coral and shell fragments, 20.8' to 41.4'	SS															
41.4-30.9'		SS															
30.9-32.2'	-with H ₂ S odor, 30.9' to 32.2'	SS															
32.2-41.0'		SS															
41.0-41.4'	-coral gravel, 41.0' to 41.4'	SS															
41.4-46.9'		TW															
46.9-47.5'	-light greenish gray, 46.9' to 47.5'	TW															
47.5-48.2'	-with shell fragments, 46.9' to 58.2'	TW															
48.2-53.8'	-with H ₂ S odor, 52.3' to 53.8'	TW															
53.8-61.9'		TW															
61.9-67.4'	-with shell and coral fragments, 61.9' to 67.4'	TW															
67.4-71.5'		TW															
71.5-72.0'	-with coral gravel below 71.5'	TW															
72.0-79.1'	-with shell fragments, 71.5' to 72.0' and 79.1' to 80.6'	TW															
79.1-80.6'		TW															
80.6-77.0'	-coral seam, 77.0' to 77.2'	TW															
77.0-77.5'	-brown at 77.5'	TW															
77.5-81.9'		TW															
81.9-99.4'	Light brown coral gravel with carbonate silty sand	TW															
99.4-103.6'		SS															
103.6-134.2'	Light brown fine to coarse carbonate silty sand with coral gravel -with shell and shell fragments, 99.4' to 103.6'	SS															
134.2-175.2'		TW															
175.2-195.8'	Light brown coral gravel with carbonate silty sand	TW															
195.8-197.0'		TW															
197.0-200'	-with shell fragments, 164.9' to 165.9'	TW															
200'		TW															

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 300-lb weight dropped approx. 5-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 OSR-21, OAK CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS