Location: 125,938 N; 37,095 E
Field Engineer: G.L. Holloway
Field Geologist: A.L. Radcliffe

† Seafloor at El - 106.9'

PENETRATION BELOW SEAFLOOR IN FEET

Stratum	Description	Depth (ft)	SAMPLER* TYPE
I	Light brown fine to medium carbonate silty sand	(3.8')	SS, SS
II	Light brown medium carbonate sand with numerous coral and shell fragments	(27.3')	TW ×13
III	Light brown fine to coarse carbonate sand with shell and red coral fragments -with H_2S odor, 33.7' to 45.7' -with coral gravel, 48.4' to 52.2' -with coral gravel, 54.7' to 56.1'	(56.8')	SS, TW ×15
IV	Light brown fine to coarse carbonate silty sand with coral and shell fragments -with red coral fragments to 60.2' and 63.7' to 64.9' -carbonate sand, 61.6' to 62'	(65.7')	TW ×4
V	Light brown fine to coarse carbonate sand with shell fragments -with red coral fragments to 67.3'	(76.2')	TW ×3
VI	-with coral gravel to 68.9' -silty sand layer, 69.9' to 71.3' -with coral gravel below 72'		TW ×4
	Light brown fine to coarse carbonate silty sand -with shell fragments to 77.3' and 81.8' to 88.9' -white, 79.8' to 85' -with coral fragments and gravel at 86.8'	(89.6')	TW ×6, SS, TW
VII	Light brown fine to coarse carbonate sand with shell fragments -with coral fragments to 95.8' -with coral and limestone gravel, 97.6' to 106.1' -with H_2S odor, 104.4' to 106.1' -with coral fragments below 107.9' -with limestone gravel, 116.7' to 117.8'	(125.1')	TW ×13
VIII	Light brown fine to coarse carbonate silty sand with coral and shell fragments -white below 128'	(139.8')	TW ×8
IX	Light brown fine to coarse carbonate sand with coral and shell fragments	(145.6')	TW ×2
X	Light brown fine to coarse carbonate silty sand -medium with coral fragments to 146.7' -with limestone and coral gravel below 148.6'	(169.5')	TW ×11
XI	Light brown coral and limestone gravel with medium to coarse carbonate silty sand	(187.8')	TW ×9
XII	Light brown fine to medium carbonate silty sand with limestone and coral gravel and fragments -with shell fragments below 194.1' -fine to coarse below 197.3'		TW ×6

BLOW COUNT†
● WATER CONTENT, %
20 40 60 80

PERCENT RECOVERY
(See note below)
20 40 60 80

DRILLING RATE‡
MINUTES PER FOOT
WEIGHT ON BIT, KIPS
5 10 15 20 25

REVS. PER MINUTE
100 200

Job No. : 0185-1032

*SAMPLER TYPE
SS - 3.00-in. split-barrel
TW - 3.00-in. thick-wall
TT - 2.25-in. thin-wall
TS - 3.00-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 3.00-in -OD, 2.50-in.-ID taper tube sampler.

$$\%\ \text{Rec.} = \frac{\text{Total Sample Recovered}}{\text{Total Interval Drilled}}$$

$$\%\ \text{Rec.} = \frac{\text{Total Sample Recovered}}{\text{Total Interval Sampled}}$$

(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 OET-7, OAK CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS

PLATE 19A