Location: 123,651 N; 35,545 E
Field Engineer: G.L. Holloway
Field Geologist: D.R. Spikula

†Seafloor at El - 117.5'

PENETRATION BELOW SEAFLOOR IN FEET

Stratum	Description	SAMPLER* TYPE
I	Light brown fine to coarse carbonate silty sand	SS
	-with coral gravel and shell fragments, 5.4' to 11.7'	SS
		SS
		SS
	-with coral gravel, 20.6' to 20.9'	SS
	-with coral fragments, 20.6' to 27.0'	
	-fine to medium carbonate sand with coral fragments, 25.7' to 31.6'	SS
		SS
	-coral gravel and fragments, 36.6' to 37.1'	SS
	-with coral fragments, 40.9' to 46.6'	TW
	-with sandy silt seams, 45.8' to 46'	TW
	-weakly cemented with coral and shell fragments, 50.5' to 51.8'	TW
		TW
	-coral gravel, 56.2' to 56.8' and 59.6' to 60.8'	TW
	-medium to coarse, 56.8' to 57.3'	TW
	-with coral and shell fragments, 62.7' to 76.3'	TW
		TW
		TW
		TW
		TW
	-with coral gravel and shell fragments, 78.7' to 79.8' (81.8')	TW
II	Light brown coral gravel and fragments intermixed with fine to coarse carbonate silty sand	TW
	-with shell fragments, 87.8' to 91.5' (93.5')	TW
		TW
		TW
III	Light brown fine to coarse carbonate silty sand with coral gravel and fragments	TW
	-with shell fragments below 98.4'	TW
		TW
	-with shells, 112.7' to 114.2' (121.2')	TW
		TW
		TW
IV	Light brown coral gravel and fragments	TW
	-with carbonate silty sand to 122.6' and below 129'	TW
	-with shell fragments to 122.6' and below 133.8'	TW
	-intermixed with fine to coarse carbonate silty sand, 124.1' to 125.1' (137.7')	TW
		TW
V	Light brown fine to coarse carbonate silty sand	TW
	-with coral fragments to 138.8'	TW
	-with coral gravel and shell fragments, 142.5' to 143.5'	TW
	-intermixed with carbonate gravel and fragments, 147.5' to 152.9'	TW
	-with coral gravel and shell fragments, 156.8' to 158'	TW
	-intermixed with coral gravel and shell fragments, 161.8' to 172.2'	TW
		TW
	-with coral gravel and shell fragments, 172.2' to 183.9'	TW
		TW
		TW
	-coral gravel, 187.8' to 188.8'	TW
	-intermixed with coral gravel, 193.1' to 197'	TW
	-with shell fragments, 193.1' to 193.9'	TW
	-with coral and shell fragments, 199.2' to 200'	TW

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.: Q185-1032

*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 OQT-19, OAK CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS

PLATE 31A