Location: 148,490 N; 71,107 E
Field Engineer: G.L. Holloway
Field Geologist: J.M. Squire

†Seafloor at El - 77.8'

Stratum | SAMPLER* TYPE | 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) | REVES. PER MINUTE (100 200)

PENETRATION BELOW SEAFLOOR IN FEET: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200

I

Light brownish gray medium carbonate sand
-with scattered coral gravel to 0.9'
-fine to medium to 4.8'

-with scattered coral gravel, 15.4' to 17.2'
-medium to coarse, 18.7' to 26.3'
-white, 18.7' to 28.8'
-with coral fragments below 18.7'

-white, 38.1' to 38.9'

(40.6')

II

Light gray coral gravel with fine to coarse carbonate sand

(53.6')

III

Light gray fine to coarse carbonate silty sand with coral gravel

-coral and coral fragments, 66.4' to 67.1'

-with red coral fragments, 76' to 80.2'

(83.9')

IV

Light gray medium to coarse carbonate sand with coral gravel

-coral, 138.9' to 139.2'

-with numerous coral gravel, 142.1' to 146.5'
-coarse, 142.1' to 155.9'

-white below 155.3'
-with weakly cemented coral seams, 155.3' to 155.9'

(161.4')

V

White coral and coral fragments
-with fine to medium carbonate sand, 163.9' to 165.1'

(166.5')

VI

Light gray weakly cemented fine to coarse carbonate sand with coral fragments

-coral fragments, 177.3' to 177.7'

-coral gravel, 182' to 183'

-with coral gravel below 187.6'

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 KFT-8, KOA CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS

PLATE 11A