

| Stratum | Location: 125,499 N; 35,424 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 | |
| 0 | † Seafloor at El - 147.0' | | | | | | | | | | | | | | | |
| I | Light brown fine carbonate sand -fine to medium, 7.3' to 20.9' | SS | | | | | | | | | | | | | | |
| 10 | | SS | | | | | | | | | | | | | | |
| 20 | -with shell fragments, 19.8' to 20.9' | SS | | | | | | | | | | | | | | |
| 20 | -fine to coarse, 22.8' to 23.7' and 29.4' to 30.0' | SS | | | | | | | | | | | | | | |
| 20 | -coral gravel, 25.9' to 26.5' | SS | | | | | | | | | | | | | | |
| 30 | (31.6') | SS | | | | | | | | | | | | | | |
| 30 | Light brown fine to coarse carbonate silty sand | SS | | | | | | | | | | | | | | |
| 30 | -fine to medium, 31.6' to 35.3' | SS | | | | | | | | | | | | | | |
| 30 | -with coral gravel and fragments, 34.5' to 35.3' | SS | | | | | | | | | | | | | | |
| 30 | -coral gravel, 37.4' to 38.1' | SS | | | | | | | | | | | | | | |
| 30 | -with coral gravel and shell fragments, 37.4' to 49.0' | SS | | | | | | | | | | | | | | |
| 50 | | SS | | | | | | | | | | | | | | |
| 50 | -fine to medium, 53.3' to 54.3' | SS | | | | | | | | | | | | | | |
| 50 | -with coral gravel and H ₂ S odor, 53.3' to 59.4' | SS | | | | | | | | | | | | | | |
| 60 | | SS | | | | | | | | | | | | | | |
| 60 | -with coral gravel and fragments below 63.0' | SS | | | | | | | | | | | | | | |
| 70 | | SS | | | | | | | | | | | | | | |
| 70 | | TW | | | | | | | | | | | | | | |
| 80 | | SS | | | | | | | | | | | | | | |
| 80 | -with shell and shell fragments below 82.7' | TW | | | | | | | | | | | | | | |
| 90 | | TW | | | | | | | | | | | | | | |
| 90 | | TW | | | | | | | | | | | | | | |
| 100 | | TW | | | | | | | | | | | | | | |
| 100 | (105.9') | TW | | | | | | | | | | | | | | |
| 110 | Light brown fine to coarse carbonate sand -with shell fragments, 105.9' to 107.1' -with H ₂ S odor, 111.6' to 117.8' | TW | | | | | | | | | | | | | | |
| 120 | | TW | | | | | | | | | | | | | | |
| 120 | -with coral fragments, 121.9' to 123.1' | TW | | | | | | | | | | | | | | |
| 130 | | TW | | | | | | | | | | | | | | |
| 130 | -with coral gravel below 126.7' | TW | | | | | | | | | | | | | | |
| 130 | (131.6') | TW | | | | | | | | | | | | | | |
| 140 | Light brown fine to coarse carbonate silty sand | TW | | | | | | | | | | | | | | |
| 150 | | TW | | | | | | | | | | | | | | |
| 150 | -with silty sand, 150.8' to 151.7' | TW | | | | | | | | | | | | | | |
| 160 | | TW | | | | | | | | | | | | | | |
| 160 | (160.7') | TW | | | | | | | | | | | | | | |
| 170 | Light brown coral gravel -intermixed with carbonate sand, 160.7' to 172.1' | TW | | | | | | | | | | | | | | |
| 180 | | TW | | | | | | | | | | | | | | |
| 180 | -with carbonate silty sand, 180.3' to 181.6' | TW | | | | | | | | | | | | | | |
| 190 | | TW | | | | | | | | | | | | | | |
| 190 | (190.1') | TW | | | | | | | | | | | | | | |
| 200 | Light brown fine to coarse moderately cemented carbonate silty sand | TW | | | | | | | | | | | | | | |
| 200 | -with coral fragments, 199.9' to 201.3' | 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 penetra- tion, 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. | | | | | |

PLATE 36A

LOG AND TEST RESULTS
BORING OUT-24, OAK CRATER
ENEWETAK ATOLL, MARSHALL ISLANDS

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