# BORING NO. 39MW5

COORDINATES: N. 2107339.23
E. 577231.214

FIELD GEOLOGIST: B. Sibbett — DATE BEGAN: 02/02/00
CHECKED BY: B. Sibbett — DATE FINISHED: 02/02/00
APPROVED BY: — SURFACE ELEV.: 90.88
TOTAL DEPTH: 46.0 ft. — CORE SIZE: 1.5"
TOP OF CASING: 92.34

| DEPTH IN FEET | SAMPLE NUMBER (9521) | RECOVERY | BLOW COUNT | DRILLING REMARKS | USCS | PROFILE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 0 | | | | Dune Sand | | | Loose, very pale brown (10YR 7/4) SAND, dry, medium grain, very well sorted. |
| 5 | | | | | | | Loose, yellow (10YR 7/6) SAND, dry, medium very well sorted, rounded. |
| 10 | | | | | | | Loose, brownish yellow (10YR 6/6) SAND, damp, medium grain, very well sorted, clean no fines. |
| 15 | | 100% | 5/11/15/19 | Dune Sand | | | Loose, light yellowish brown (10YR 6/4) SAND; damp; medium grained, very well sorted. |
| 20 | | 75% | 3/7/12/12 | | sp | | Loose, light yellow-brown (10YR 6/4) SAND, damp, medium grained, very clean. |
| 25 | | 82% | 2/11/15/15 | | | | Loose, yellow (10YR 7/6) SAND, slightly damp, medium grained, very well sorted, clean, round. |
| 30 | | 100% | 6/10/14 | Dune Sand | | | Loose, yellowish brown, (10YR 5/8) SAND, slightly damp; medium grained, very well sorted. |
| 35 | | 100% | 10/20/23 | Sand appears saturated below 35.5 ft. | | | Loose, yellowish brown (10YR 5/4) SAND, moist to wet at 35.5 ft., medium to fine, well sorted. ▽ Groundwater encountered at 35.5 FT. (capillary fringe) ⊻ Depth to Water 35.9 on 5/3/00 |
| 40 | | 25% | 6/12/21 | Flow-sand coming in about 4 1/2' of sand flowed into augers. | | | Loose, brownish yellow (10YR 6/6) SAND, wet, medium grained, very well sorted, clean. 44.0' |
| | | | | | | | Stiff, dark brown (7.5 YR 4/4), sandy CLAY, mixed color brown to gray. 45.5' |
| 45 | | 100% | 9/19/50 | Few white shale chips in clay | cl shale | | SHALE bedrock, light gray (2.5Y N7) with nodules of black chert. Monterey Formation. |
| | | | | | | | TOTAL DEPTH = 46.0 FEET |
| 50 | | | | | | | |
| 55 | | | | | | | |
| 60 | | | | | | | |
| 65 | | | | | | | |
| 70 | | | | | | | |

DRILLER : B. Carpenter
DRILLING CO. : S/G TESTING
DRILLING METHOD : Hollow-Stem Auger
SAMPLING METHOD : 1.5" Split-spoon
PROJECT : Site 25C
LOCATION : Vandenberg AFB
PROJECT NO. : 776900



| DRAWN BY | M.J.S. | CHECKED BY | | DRAWING NO. : 776900-A39 |
|---|---|---|---|---|
| DATE | 2/9/00 | APPROVED BY | | |

IT CORPORATION