SWG Form 267
12 July 1971

GDLR NO 1378

PROJECT: Texas Coastal Hurricane Study

BORING NO. 3ST-72-12

TEST DATA SUMMARY

LOCATION: East Bay

DATE COMPLETED Jan. 27, 1972

| FIELD NO. | Sample Depth, Feet From | Sample Depth, Feet To | CLASSIFICATION (ELEVATION TOP BORING _____) | SYMBOL | CONSISTENCY | POCKET (1) PENETROMETER | STAN. PENET. BLOWS/FT (2) | MOISTURE CONTENT % | DRY DENSITY p.c.f. | L.L. | P.L. | Lab Sample No. | BAR L.S. | SIEVE ANALYSIS PERCENT GRVL | SAND | FINES | INIT. WT. | ACC. WT. RTND. SIEVE NO. (3) NO. 4 | NO. 10 | NO. 40 | NO. 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-J | 4.1 | 6.1 | Gray Silty Sand w/shell fragments 4.1'-10' | SM | | | | 35 | | | | 141 | 1 | 0 | 82 | 18 | 50 | 0 | 0 | 0 | 41 |
| 2-J | 10 | 12 | Gray Sandy Clay w/shell fragments 10'-12' | CL | | | | 52 | | 47 | | 142 | | 0 | 40 | 60 | 50 | 0 | 1 | 2 | 20 |
| 3-C | 13.3 | 14.5 | Gray Sandy Clay w/shell fragments 12'-20' | CH | S | 0.25 | | 67 | 60 | 62 | | 143 | | 0 | 16 | 84 | 50 | 0 | 0 | 0 | 8 |
| 4-C | 21.5 | 22.5 | Gray Sandy Clay w/shell fragments 20'-26' | | S | 0.25 | | 46 | 72 | 63 | | 144 | | 2 | 18 | 80 | 50 | 1 | 2 | 3 | 10 |
| 5-C | 27.3 | 28.5 | Brown Clay 26'-30' | | VST | 2.75 | | 28 | 98 | 57 | | 145 | | 0 | 2 | 98 | 50 | 0 | 0 | 0 | 1 |
| 6-C | 33.3 | 34.5 | Gray & Brown Clay w/sand layers & limonites 30'-50' | CL | ST | 1.75 | | 27 | 97 | 59 | | 146 | | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 |
| 7-C | 41.3 | 42.5 | | | VST | 2.50 | | 31 | 92 | 58 | | 147 | | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 |
| 8-C | 51.3 | 52.5 | Brown & Gray Clay 50'-52.5' | CH | VST | 2.75 | | 35 | 87 | 75 | | 148 | | 0 | 0 | 100 | 50 | 0 | 0 | 0 | 0 |

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense.

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 3ST-72-12

Bottomed at 52.5' Water at +4.1' Tide Reading _____

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