SWG Form 267(D)
27 May 19 71

PROJECT: Texas Coastal Hurricane Study

LOCATION: Bolivar Peninsula

TEST DATA SUMMARY

GDLR NO. 1378

BORING NO. 3ST-71

DATE COMPLETED Aug. 3, 1971

| FIELD NO. | Sample Depth, Feet From | 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. | HAR 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-C | 0.7 | 1.9 | Gray Sandy Clay 0'-12' | CL | M | 0.50 | | 31 | 89 | 39 | | 2237 | | 0 | 28 | 72 | 50 | 0 | 0 | 0 | 14 |
| 2-C | 2 | 4 | | | S | 0.25 | | 39 | | | | 2238 | | | | | | | | | |
| 3-C | 7.3 | 9 | | | S | 0.25 | | 38 | 85 | 43 | | 2239 | | 0 | 20 | 80 | 50 | 0 | 0 | 0 | 10 |
| 4-C | 12.1 | 14 | Gray Clay 12'-17' | | VS | 2.0 | | 74 | | | | 2240 | | | | | | | | | |
| 5-J | 18.5 | 19 | Gray Sandy Clay 17'-19' | | L | | | 35 | | 30 | | 2241 | 7 | 0 | 24 | 76 | 50 | 0 | 0 | 0 | 12 |
| 6-C | 19.5 | 20.8 | Gray Shelly Clay 19'-26' | CH | VS | 2.0 | | 39 | | 55 | | 2242 | | 27 | 11 | 62 | 654 | 174 | 203 | 234 | 246 |
| 7-C | 26.2 | 28 | Gray Clay w/shell fragments 26'-29' | | S | 0.25 | | 53 | * | 59 | | 2243 | | 0 | 8 | 92 | 50 | 0 | 0 | 0 | 4 |
| 8-C | 29.3 | 31 | Gray Clay 29'-34' | | ST | 1.20 | | 37 | | | | 2244 | | | | | | | | | |
| 9-C | 32.3 | 34 | | | VST | 2.00 | | 39 | 81 | 89 | | 2245 | | 0 | 2 | 98 | 50 | 0 | 0 | 0 | 1 |

* Disturbed

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.

Bottom at -34' Water at -7.3' Tide Reading

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