

# BORING LOG

Boring No. 3ST-396  
 Levee District GALVESTON  
 Job No. \_\_\_\_\_

## FIELD DATA

Project Sabine-Neches Waterway Location Port Arthur Turning Basins, Dredging  
 Drill Rig #4 Inspector \_\_\_\_\_ Operator Smith Surface Elev. +15 @ 1240

## LABORATORY DATA

Date \_\_\_\_\_ Classified by \_\_\_\_\_

| SAMPLE NUMBER | DATE TAKEN       | STRATUM                                    |      | DRIVE |     | SAMPLE |      | TYPE OF SAMPLER | CONTAINER | POCKET PENETROMETER VALUE | CLASSIFICATION AND REMARKS                                        | CLASSIFICATION | SYMBOL | NAT WC % |
|---------------|------------------|--------------------------------------------|------|-------|-----|--------|------|-----------------|-----------|---------------------------|-------------------------------------------------------------------|----------------|--------|----------|
|               |                  | FROM                                       | TO   | FROM  | TO  | FROM   | TO   |                 |           |                           |                                                                   |                |        |          |
|               | 1971<br>March 17 | 0°                                         | 37°  |       |     |        |      |                 |           |                           | Water                                                             |                |        |          |
| 1             |                  | 37°                                        |      | 37°   | 42± | 38.5   | 39.0 | 3" Shelby tube  | Jar       | 0.0                       | Black petroleum waste.                                            |                |        |          |
|               |                  |                                            |      |       |     |        |      |                 |           |                           | Weight of rods and Kelley drove to 42±                            |                |        |          |
| 2             |                  | 42±                                        |      | 42±   | 44° | 42.7   | 43.9 |                 | Tube      | 1.50                      | Gray sandy clay, stiff                                            |                |        |          |
| 3             |                  |                                            |      | 44°   | 46± | 45.2   | 46.4 |                 | "         | .75                       | 44° to 46° with shell, medium                                     |                |        |          |
|               |                  |                                            |      |       |     |        |      |                 |           |                           | 46° to 46± medium.                                                |                |        |          |
| 4             |                  | 46±                                        |      | 46±   | 49° | 47.7   | 48.9 |                 | "         | 4.00                      | Gray sandy clay, hard @ 46±.                                      |                |        |          |
|               |                  | 48.2                                       | 49.0 |       |     |        |      |                 |           |                           | 48± to 49° Brown gray with calcareous nodules, hard               |                |        |          |
| 5             |                  | 49.0                                       | 51±  | 49°   | 51± | 50.2   | 51.4 |                 | "         | 2.50                      | Gray, very stiff                                                  |                |        |          |
|               |                  |                                            |      |       |     |        |      |                 |           |                           | 50± Gray brown with trace of small calcareous nodules, very stiff |                |        |          |
|               |                  | Total DEPTH - 50° MLT                      |      |       |     |        |      |                 |           |                           |                                                                   |                |        |          |
|               |                  | Water table + 15 MLT                       |      |       |     |        |      |                 |           |                           |                                                                   |                |        |          |
|               |                  | Impact Hammer weight - 140 #               |      |       |     |        |      |                 |           |                           |                                                                   |                |        |          |
|               |                  | Split Spoon Dimensions - 2" x 1 7/8" x 24" |      |       |     |        |      |                 |           |                           |                                                                   |                |        |          |

PROJECT: Sabine-Neches

LOCATION: Gulf Refinery Turning Basin

GDLR NO. 1362

BORING NO. 357-396

DATE DRILLED March 17, 1971

### TEST DATA SUMMARY

[illegible]

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

(1) Tons/Sq.Ft. Unconfined Compressive Strength  
(2) Split Barrel Sampler  
(3) Acc. Wt. Rtd  $\div$  Init. Wt.  $\times$  100 = % Rtd.

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