

## LOG OF BORING B-18

SHEET 1 of 1



Rock Engineering and Testing Laboratory, Inc.  
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Telephone: (361) 883-4555  
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CLIENT: Shiner Moseley & Associates, Inc.  
PROJECT: Delehide Cove Wetlands Restoration  
LOCATION: Galveston County, Texas  
NUMBER: C0100637

DATE(S) DRILLED: 10/01/01 - 10/01/01

DRILLING METHOD(S):  
Hollow Stem Auger

GROUNDWATER INFORMATION:  
Water depth approximately 3'

SURFACE ELEVATION: N/A

## DESCRIPTION OF STRATUM

POORLY GRADED SAND, some clay, gray, very loose. Qc= 6

Qc= 3

Same as above, with clay. Qc= 2

Qc= 4

CLAYEY SAND, gray, very soft. (SC) Qc= 4

Boring terminated at a depth of 5.5-feet.

## REMARKS:

Boring location was determined by Shiner Moseley and Associates, Inc. and boring was performed by RETL at Northing: 13653750 Easting: 3258995.

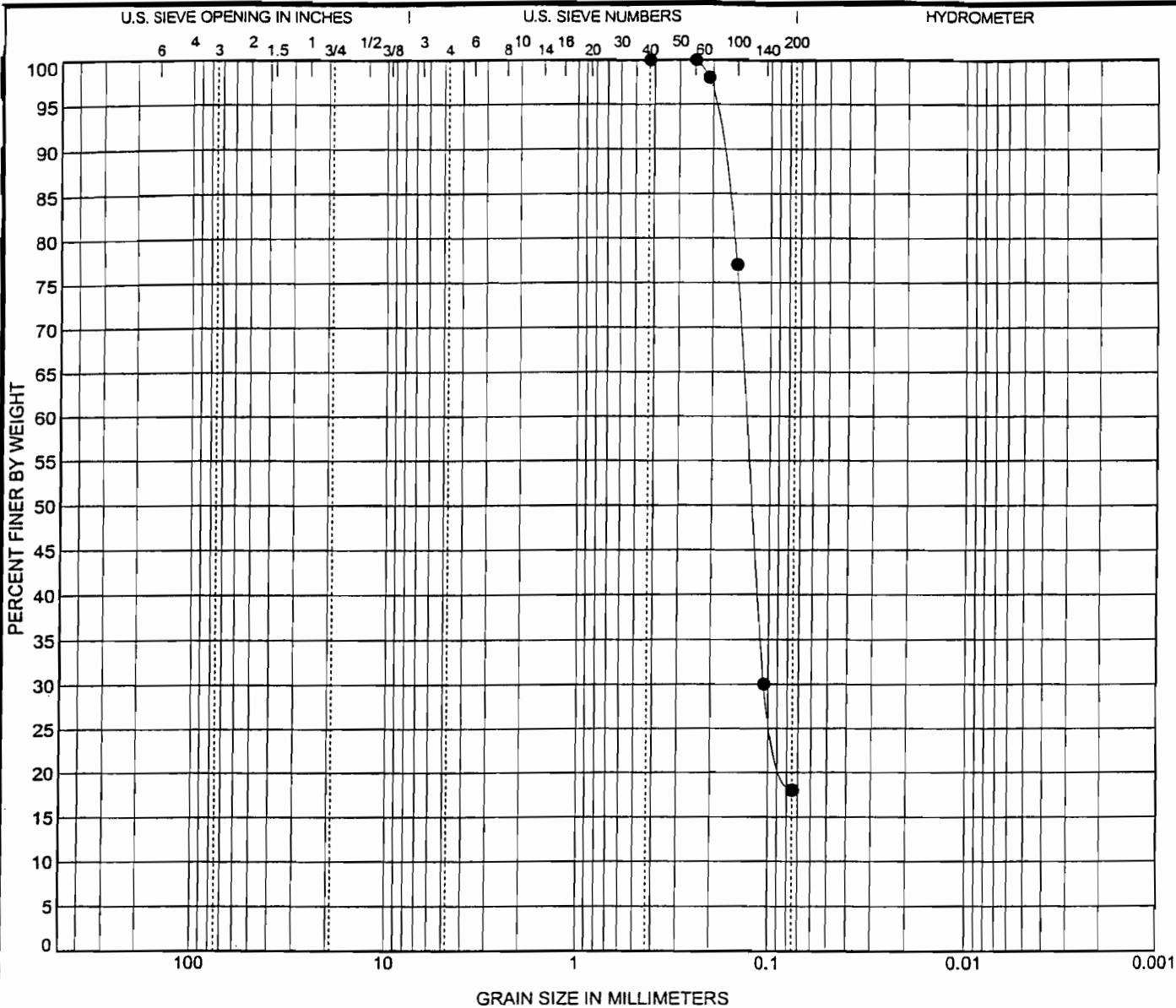
## FIELD DATA

## LABORATORY DATA

| SOIL SYMBOL | DEPTH (FT) | SAMPLE NUMBER | SAMPLES | N: BLOWS/FT<br>P: TONS/SQ FT<br>T: TONS/SQ FT<br>PERCENT RECOVERY/<br>ROCK QUALITY DESIGNATION | MOISTURE CONTENT (%) | ATTERBERG LIMITS   |                     |                        | DRY DENSITY<br>POUNDS/CU.FT | COMPRESSIVE<br>STRENGTH<br>(TONS/SQ.FT) | MINUS NO. 200 SIEVE (%) |
|-------------|------------|---------------|---------|------------------------------------------------------------------------------------------------|----------------------|--------------------|---------------------|------------------------|-----------------------------|-----------------------------------------|-------------------------|
|             |            |               |         |                                                                                                |                      | LIQUID LIMIT<br>LL | PLASTIC LIMIT<br>PL | PLASTICITY INDEX<br>PI |                             |                                         |                         |
|             | 1          | SS<br>S-1     | N= 1    |                                                                                                | 27                   |                    |                     |                        |                             |                                         | 18                      |
|             | 2          |               |         |                                                                                                |                      |                    |                     |                        |                             |                                         |                         |
|             | 3          | SS<br>S-2     | N= WOH  |                                                                                                | 29                   |                    |                     |                        |                             |                                         | 21                      |
|             | 4          |               |         |                                                                                                |                      |                    |                     |                        |                             |                                         |                         |
|             | 5          | SS<br>S-3     | N= 1    |                                                                                                | 28                   | 25                 | 19                  | 6                      |                             |                                         |                         |

N - STANDARD PENETRATION TEST RESISTANCE  
P - POCKET PENETROMETER RESISTANCE  
T - POCKET TORVANE SHEAR STRENGTH

OG O  
NG C  
PJ RC  
GDT



| COBBLES | GRAVEL |      | SAND   |        |      | SILT OR CLAY |
|---------|--------|------|--------|--------|------|--------------|
|         | coarse | fine | coarse | medium | fine |              |

| Specimen Identification | Classification | LL | PL | PI | Cc | Cu |
|-------------------------|----------------|----|----|----|----|----|
| ● B-18 0.0              |                |    |    |    |    |    |
|                         |                |    |    |    |    |    |
|                         |                |    |    |    |    |    |
|                         |                |    |    |    |    |    |

| Specimen Identification | D100  | D60   | D30   | D10 | %Gravel | %Sand | %Silt | %Clay |
|-------------------------|-------|-------|-------|-----|---------|-------|-------|-------|
| ● B-18 0.0              | 0.425 | 0.132 | 0.106 |     | 0.0     | 82.0  | 18.0  |       |
|                         |       |       |       |     |         |       |       |       |
|                         |       |       |       |     |         |       |       |       |
|                         |       |       |       |     |         |       |       |       |



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## GRAIN SIZE DISTRIBUTION

Project: Delehide Cove Wetlands Restoration

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