

## LOG OF BORING C-10

SHEET 1 of 1



Rock Engineering & Testing Laboratory  
4910 Neptune Street  
Corpus Christi, TX 78405  
Telephone: 361-883-4555  
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CLIENT: Coast and Harbor Engineering, Inc.  
PROJECT: Proposed San Luis Pass Project Phase 2  
LOCATION: W. Galveston Bay; Freeport, Texas  
NUMBER: G106505

DATE(S) DRILLED: 9/2206 - 9/2206

DRILLING METHOD(S):

Disturbed Samples

GROUNDWATER INFORMATION:

Boring Performed in water approximately 4 to 5 feet in depth.

SURFACE ELEVATION: N/A

DESCRIPTION OF STRATUM

POORLY GRADED SAND, 2.5Y 2.5/1 black.

Same as above, 2.5Y 2.5/1 black.

Same as above, 2.5Y 3/1 very dark gray.

POORLY GRADED SAND, 2.5Y 5/1 gray.

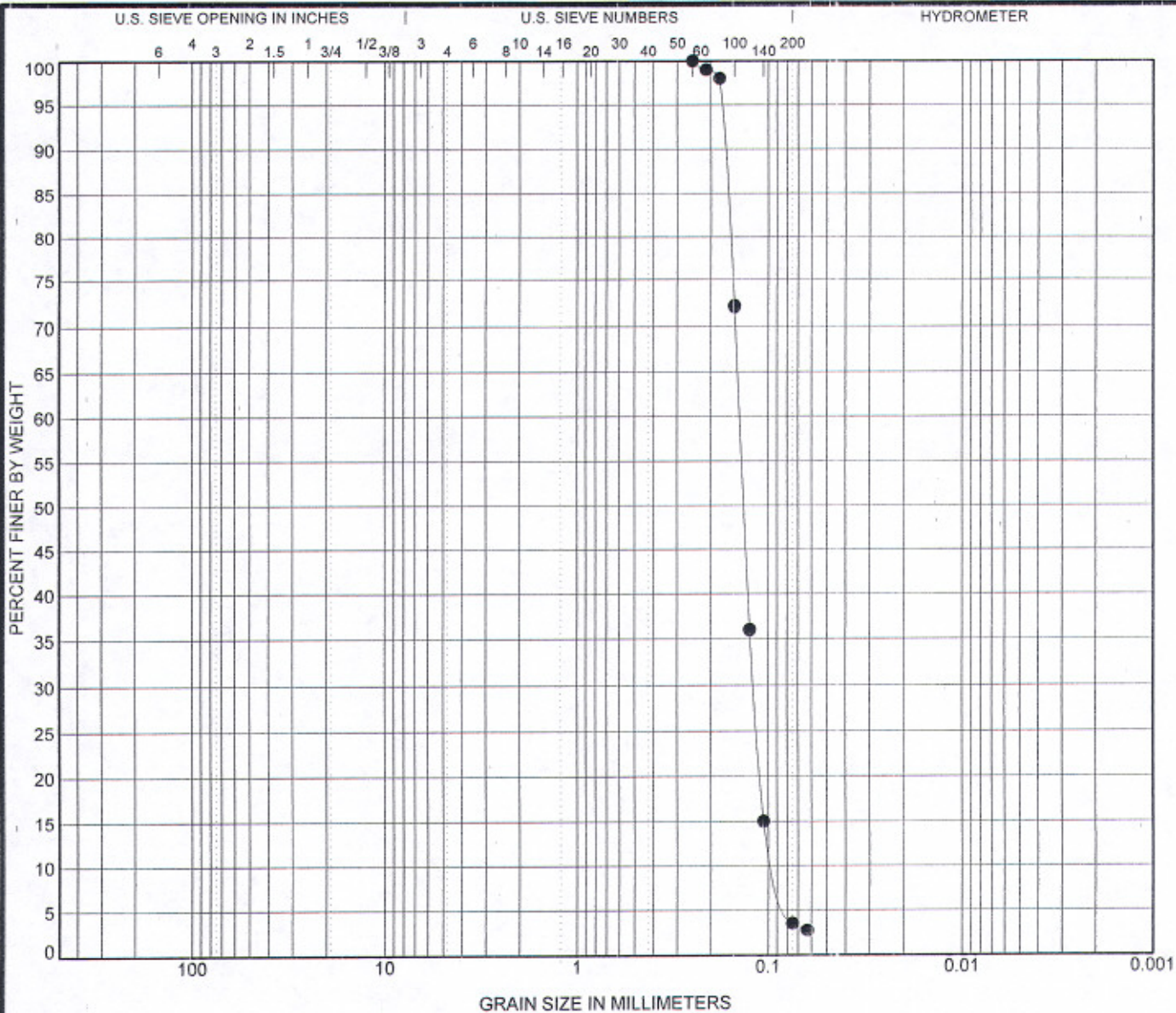
Boring terminated at a depth of 10' below the bay bottom.

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

REMARKS:

Soil Sampling performed by RETL at N29.0861 deg W95.1319 deg.





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

| Specimen Identification | Classification         | LL | PL | PI | Cc   | Cu   |
|-------------------------|------------------------|----|----|----|------|------|
| ● C-10 2.5              | POORLY GRADED SAND(SP) |    |    |    | 1.10 | 1.55 |
|                         |                        |    |    |    |      |      |
|                         |                        |    |    |    |      |      |
|                         |                        |    |    |    |      |      |

| Specimen Identification | D100 | D60   | D30   | D10   | %Gravel | %Sand | %Silt | %Clay |
|-------------------------|------|-------|-------|-------|---------|-------|-------|-------|
| ● C-10 2.5              | 0.25 | 0.141 | 0.119 | 0.091 | 0.0     | 96.5  | 3.5   |       |
|                         |      |       |       |       |         |       |       |       |
|                         |      |       |       |       |         |       |       |       |
|                         |      |       |       |       |         |       |       |       |

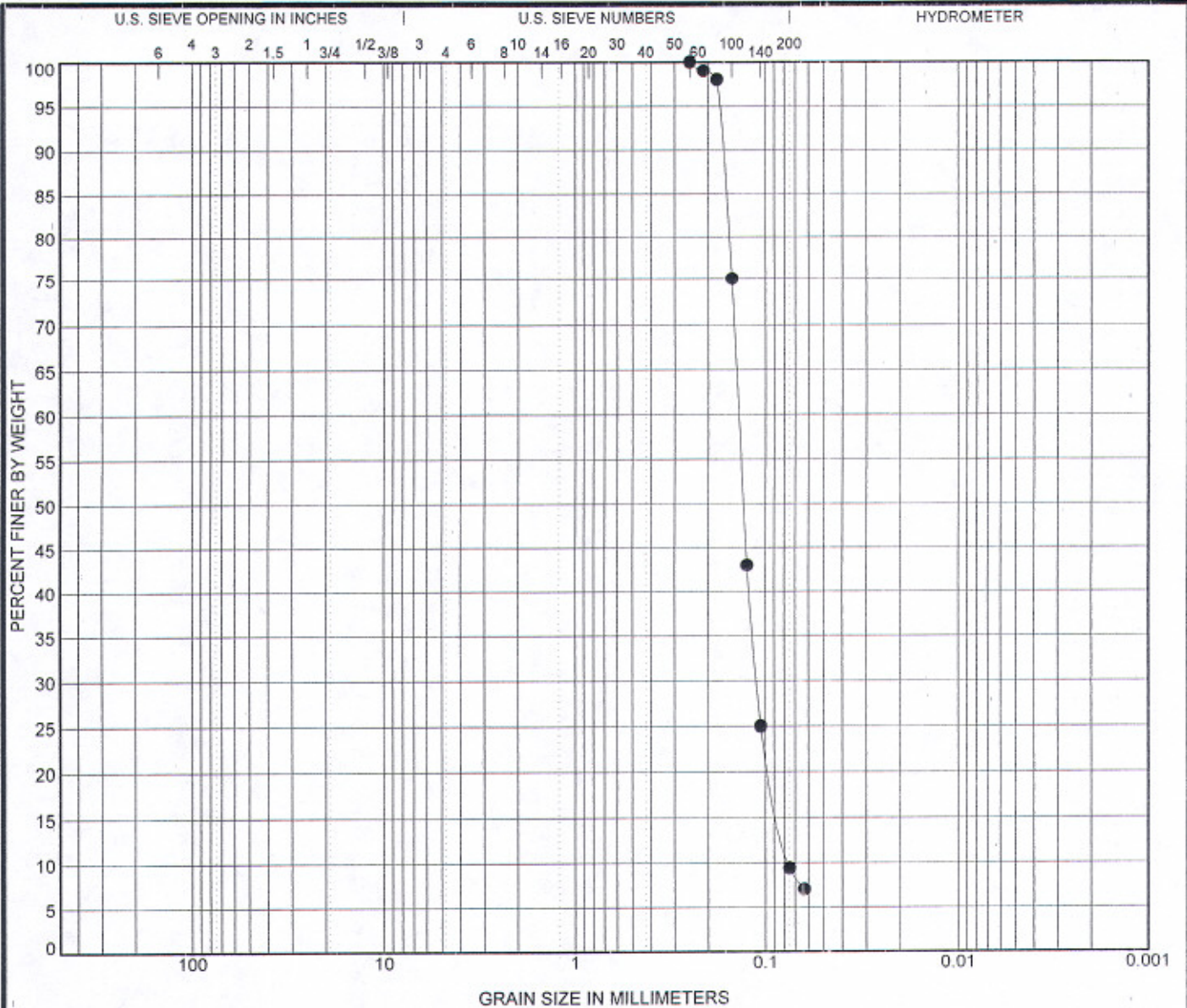
### GRAIN SIZE DISTRIBUTION

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Location: W. Galveston Bay, Freeport, Texas  
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|-------------------------|------|----------------|------|-------|-------|---------|-------|-------|-------|------|------|
| ●                       | C-10 | 7.5            |      |       |       |         |       |       |       | 1.18 | 1.81 |
|                         |      |                |      |       |       |         |       |       |       |      |      |
|                         |      |                |      |       |       |         |       |       |       |      |      |
|                         |      |                |      |       |       |         |       |       |       |      |      |
| Specimen Identification |      | D100           | D60  | D30   | D10   | %Gravel | %Sand | %Silt | %Clay |      |      |
| ●                       | C-10 | 7.5            | 0.25 | 0.138 | 0.111 | 0.076   | 0.0   | 90.6  | 9.4   |      |      |
|                         |      |                |      |       |       |         |       |       |       |      |      |
|                         |      |                |      |       |       |         |       |       |       |      |      |
|                         |      |                |      |       |       |         |       |       |       |      |      |

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