

# Houston Ship Channel LOG OF BORING NO. 3 St-138

Tide +1.6 @ 9:15 AM

TYPE: 3" Shelby Tube

LOCATION: Houston

| DEPTH FT. | SYMBOL | SAMPLES | DESCRIPTION OF MATERIAL                      | BLOWS PER FT. | UNIT DRY WT. LBS./CU. FT. | POCKET PENETROMETER TONS / SQ. FT. |                  |              | ELEVATION FT. |    |      |
|-----------|--------|---------|----------------------------------------------|---------------|---------------------------|------------------------------------|------------------|--------------|---------------|----|------|
|           |        |         |                                              |               |                           | PLASTIC LIMIT                      | WATER CONTENT, % | LIQUID LIMIT |               |    |      |
| SURF. EL. |        |         |                                              |               |                           | 10                                 | 20               | 30           | 40            | 50 | 60   |
| 10        |        |         |                                              |               |                           |                                    |                  |              |               |    |      |
| 15        |        |         |                                              |               |                           |                                    |                  |              |               |    |      |
| 20        |        |         |                                              |               |                           |                                    |                  |              |               |    |      |
| 25        |        |         | Water                                        |               |                           |                                    |                  |              |               |    |      |
| 30        |        |         |                                              |               |                           |                                    |                  |              |               |    |      |
| 35        |        |         |                                              |               |                           |                                    |                  |              |               |    |      |
| 40        | S      |         | Dark to light Gray, clayey silty sand, stiff |               | 98.7                      |                                    |                  |              |               |    | 87.4 |
| 45        | M      |         | L.S. = 9.0 0.56-49                           |               | 109.6                     |                                    |                  |              |               |    | 4.5+ |
| 50        | C      |         | Gray to Reddish Tan, clay, hard              |               | 118.3                     |                                    |                  |              |               |    | 4.5+ |
| 55        | H      |         |                                              |               | 102.6                     |                                    |                  |              |               |    | 4.5+ |
|           |        |         |                                              |               | 104.2                     |                                    |                  |              |               |    | 4.0  |

COMPLETION DEPTH 52.0'

DATE 23 May 1963

DEPTH TO WATER IN BORING

DATE