AVILES ENGINEERING CORP. GEOTECHNICAL ENGINEERS

Elevation 102.00

PROJECT Fort Bend County Land Fill

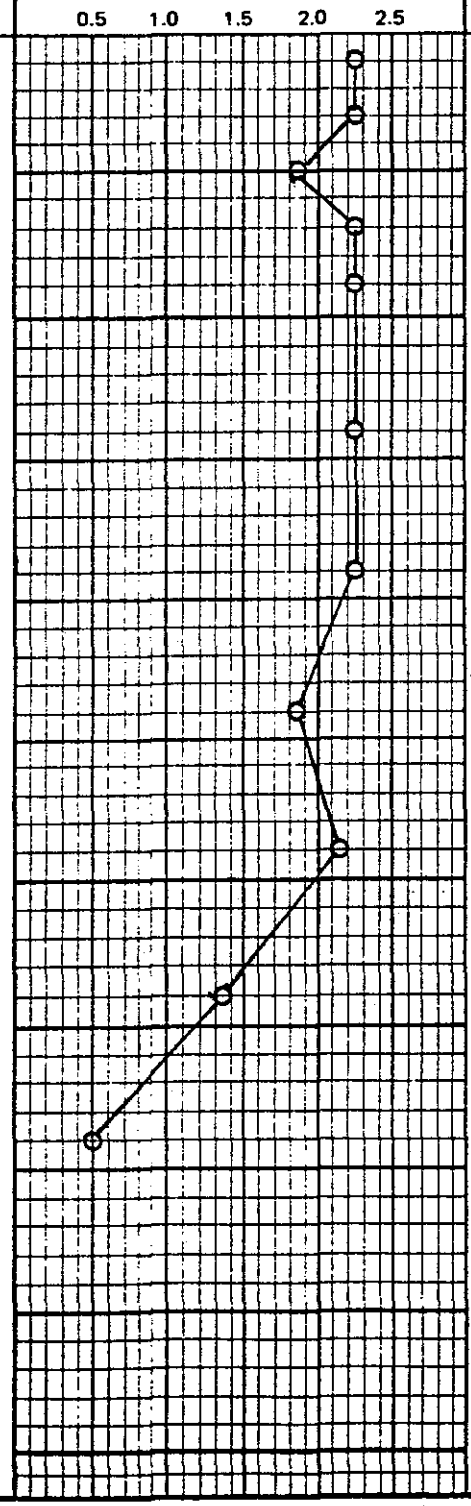
BORING B-7

DATE 04-29-87 TYPE 3" Core LOCATION See Plan

| DEPTH IN FEET | SYMBOL | CORES | DESCRIPTION | BLOWS / FOOT | M.C., % | U.D.W., PCF | LIQUID LIMIT | PLASTIC LIMIT |
|---|---|---|---|---|---|---|---|---|
| 0 | | | Dark Brown Clay | | 19 | | 75 | 27 |
| 5 | | | Light Brown Clay | | | | | |
| | | | Light Gray and Tan Silty Clay | | 14 | | 42 | 18 |
| 10 | | | | | | | | |
| | | | Gray and Red Clay with Silt Sand and Calcareous Nodules | | 22 | | 78 | 27 |
| 15 | | | | | | | | |
| | | | Red Clay with Calcareous Nodules | | | | | |
| 20 | | | | | | | | |
| | | | | | 24 | | 60 | 20 |
| 25 | | | | | | | | |
| 30 | | | | | | | | |
| | | | Red Sandy Clay | | 26 | | 31 | 16 |
| 35 | | | | | | | | |
| | | | Reddish Tan Clayey Sand | | 20 | | 18 | 14 |
| 40 | | | | | | | | |
| 45 | | | Bottom @ 40'<br>1. Boring drilled to 20' without drilling fluid<br>2. Water Encountered at 37' while drilling<br>3. Boring caved in at 23' after 24 hours | | | | | |
| 50 | | | | | | | | |

SHEAR STRENGTH, TSF

O – POCKET PENETROMETER

✕ – LABORATORY CONFINED

● – LABORATORY UNCONFINED