# U.S. ARMY CORPS OF ENGINEERS

BORING NO. 03-910 DATE: BEGIN 7-9-03 PAGE 1 / 2
JOB NO. 11401272100 COMPLETE 7-9-03 Thin Walled Tube
PROJECT Port Arthur Boat Basin ■ 3" ☐ 6"
LOCATION
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG Failing 36
GROUNDWATER: DEPTH 6 ft., ELEV. ____ ft., at end of Drilling
WEATHER Cloudy & Hot
DRILLER Dempsey Cearen LOGGER Iray Mostamand

| DEPTH, FEET | SAMPLE | SAMPLE NO. | PEN./TORVANE SPT.-BLOW COUNT | COLOR | MATERIAL TYPE | CONSIS-TENCY | SECONDARY CONSTITUENTS | STRUCTURAL FEATURES AND COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 0 | | 1 | 4.50+ | Gray & Yish Bn | Clay | Hard | Silt | -w/grass roots & calc nod & Sa sms (Fill 0-5.5 |
| | | 2 | 4.50+ | Gray & Yish Bn | Clay | Hard | Silt | -w/rock fragment, sasms |
| 5 | | 3 | 1.00 | Gray & Brown | Clay | Stiff | Silt | -w/sa sms |
| | | 4 | | Brown & gray | Sand | loose | Silt | encounter water @ 6' |
| | X | 5 | 3 2 3 | Brown | Sand | Loose | Silt | Water level reading after 15 min @ 5'-8", 20 min 5'8" |
| | X | 6 | 4 5 4 | Gray | Sand | loose | Silt | Hole start caving in, Set Wet Rotary. |
| 10 | | 7 | 0.75 | Yish Bn & gray, | Clay | M.stiff | Silt | -w/Fer nod & Fer stains |
| | | 8 | 0.75 | Yish Bn & gray | Clay | M.stiff | Silt | -w/calc & Fer nod |
| 15 | | 9 | 1.00 | Yish Bn & gray | Clay | stiff | | -w/calc & Fer nod, s LKS |
| | | 10 | 1.50 | Yish Bn & gray, | Clay | stiff | Silt | -w/calc & Fer nod & v.soft DK gray si clay sms |
| | | 11 | 1.50 | Brown & gray | Clay | stiff | Silt | -w/calc nod & sand sms |
| 20 | | 12 | 1.25 | Gray | Clay | stiff | Silt | -w/calc nod & silty sand sms |
| | | 13 | 1.25 | Gy & Yish Brown | Clay | stiff | Silt | -w/calc nod & silty sand sms |
| 25 | X | 14 | 5 9 13 | Brown | Sand | M. Dense | Silt | |
| | X | 15 | 7 11 15 | Brown | Sand | M. Dense | Silt | |
| 30 | | 16 | 0.75 | Brown & gray | Clay | M.stiff | Silt | -w/sa sms |
| | | 17 | 0.75 | olive gray & Yish Bn | Clay | M.stiff | Silt | -w/sa sms |
| 35 | | 18 | 0.75 | olive gray & Yish Bn | Clay | M.stiff | Silt | -w/sa sms |

U.S. ARMY CORPS OF ENGINEERS

BORING NO. 03-90 DATE: BEGIN 7-9-03 PAGE 2 / 2
JOB NO. 1140 1272100 COMPLETE 7-9-03 Thin Walled Tube
PROJECT Port Arthur Boat Basin ☒ 3" ☐ 6"
LOCATION
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG Failing 36
GROUNDWATER: DEPTH 6' ft., ELEV. ____ ft., at end of Drilling
WEATHER Cloudy & Hot
DRILLER Dempsey Cocaren LOGGER Iraj Mostamand

| DEPTH, FEET | SAMPLE | SAMPLE NO. | PEN./TORVANE SPT.-BLOW COUNT | COLOR | MATERIAL TYPE | CONSISTENCY | SECONDARY CONSTITUENTS | STRUCTURAL FEATURES AND COMMENTS |
|---|---|---|---|---|---|---|---|---|
| 29 35 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | 19 | 0.75 | Yish Bn & gray | Clay | M.stiff | silt | -w/silt sms |
| 32 | | | | | | | | |
| 33 | | 20 | 0.75 | Yish Bn & gray | Clay | M.stiff | silt | -w/silt sms |
| 34 40 | | | | | | | | |
| 35 | | 21 | 0.75 | Gray | Clay | M.stiff | silt | -w/silt sms |
| 36 | | | | | | | | |
| 37 | | 22 | 0.75 | Gray | Clay | M.stiff | silt | -w/silt sms |
| 38 | | | | | | | | |
| 39 45 | | 23 | 0.75 | Gray | Clay | M.stiff | | -w/silt sms |
| 40 | | | | | | | | |
| 41 | | 24 | 0.75 | Gray | Clay | M.stiff | | -w/silt sms |
| 42 | | | | | | | | |
| 43 | | 25 | 0.75 | Gray | Clay | M.stiff | | -w/silt sms |
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GEOTEST ENGINEERING, INC.