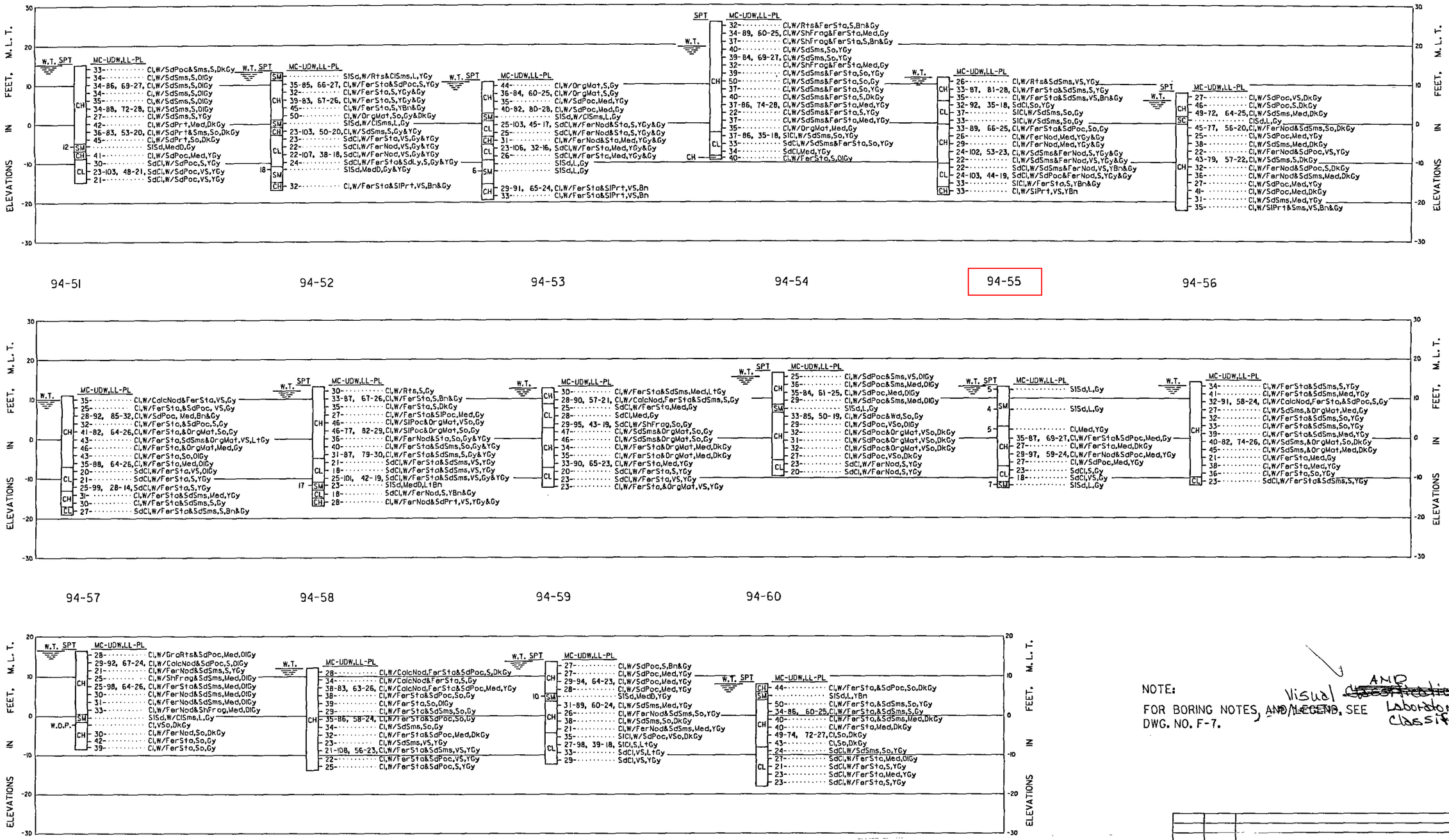
Project: Sabine Lake North Disposal Area
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

**SUMMARY OF LABORATORY TEST RESULTS**

Boring No. 94-55

| S # | Depth (ft) | P P (tsf) | SPT Blows per Foot | Visual Classification | U S C | Mc (%) | Dry Unit Wt (pcf) | Wet Unit Wt (pcf) | L L (%) | PL (%) | Mechanical Analysis % Passing | | | | | Torvane Shear Strength (tsf) | q u (tsf) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | #4 | #10 | #40 | #100 | #200 | | |
| 1 | 0-1.5 | | 5 | Gray,Sand,Loose,Silty | S M | | | | | | | | | | | | |
| 2 | 5-6.5 | | 4 | Gray,Sand,Loose,Silty | S M | | | | | | | | | | | | |
| 3 | 10-11.5 | 0.50 | 5 | Yellowish gray,Clay,Medium stiff | C H | | | | | | | | | | | | |
| 4 | 12-14 | 0.75 | | Gray,Clay,Medium stiff,w/ferrous stains and sand pockets | C H | 34.9 | 86.6 | 116.7 | 69 | 27 | 100.0 | 99.9 | 99.0 | 97.8 | 96.7 | | |
| 5 | 14-16 | 0.50 | | Dark gray,Clay,Medium stiff,w/ferrous stains | C H | 27.1 | | | | | | | | | | | |
| 6 | 16-18 | 0.75 | | Yellowish gray,Clay,Medium stiff,w/ferrous nodules and sand pockets | C H | 29.0 | 96.5 | 124.5 | 59 | 24 | 100.0 | 100.0 | 99.0 | 94.9 | 93.1 | | |
| 7 | 18-20 | 0.75 | | Yellowish gray,Clay,Medium stiff,w/sand pockets | C H | 26.7 | | | | | | | | | | | |
| 8 | 20-22 | 1.00 | | Gray,Clay,Stiff,Sandy | C L | 23.3 | | | | | | | | | | | |
| 9 | 22-24 | 2.75 | | Gray,Clay,Very stiff,Sandy | C L | 17.5 | | | | | | | | | | | |
| 10 | 24-25.5 | | 7 | Gray,Sand,Loose,Silty | S M | | | | | | | | | | | | |

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classifcation, M c : Moisture Content
q u : Uncogined Compressive Strength, W O H : Weight of hammer, W O P : Weight of Pipe




NOTE:

FOR BORING NOTES, ~~AND LEGEND~~, SEE DWG. NO. F-7.

Visual AND ~~CLASSIFICATIONS~~ Laboratory Classifications

| REVISION | DATE | DESCRIPTION | BY |
|---|---|---|---|

OFFICE OF THE DISTRICT ENGINEER
U.S. ARMY ENGINEER DISTRICT, GALVESTON
CORPS OF ENGINEERS
GALVESTON, TEXAS

DRAWN BY: P.N.
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CHIEF, DESIGN BRANCH
APPROVED:
CHIEF, ENGINEERING DIVISION
DATE: JULY 1995
1 = AS REQUIRED BY ENGINEER CIRCULAR NO. 80-1-952 1
SCALE: AS SHOWN
SPEC. DATED:

SABINE - NECHES WATERWAY, TEXAS
SABINE - NECHES CANAL
REHABILITATION OF PLACEMENT AREA NO. 11

# BORING LOGS

BORROW AREA NO. 1

Prepared under the direction of
Robert B. Gatlin, Col., C.E.,
District Engineer

DRAWING NUMBER
F-4
SHEET 26 OF 32 FILE NO. SN 103-336