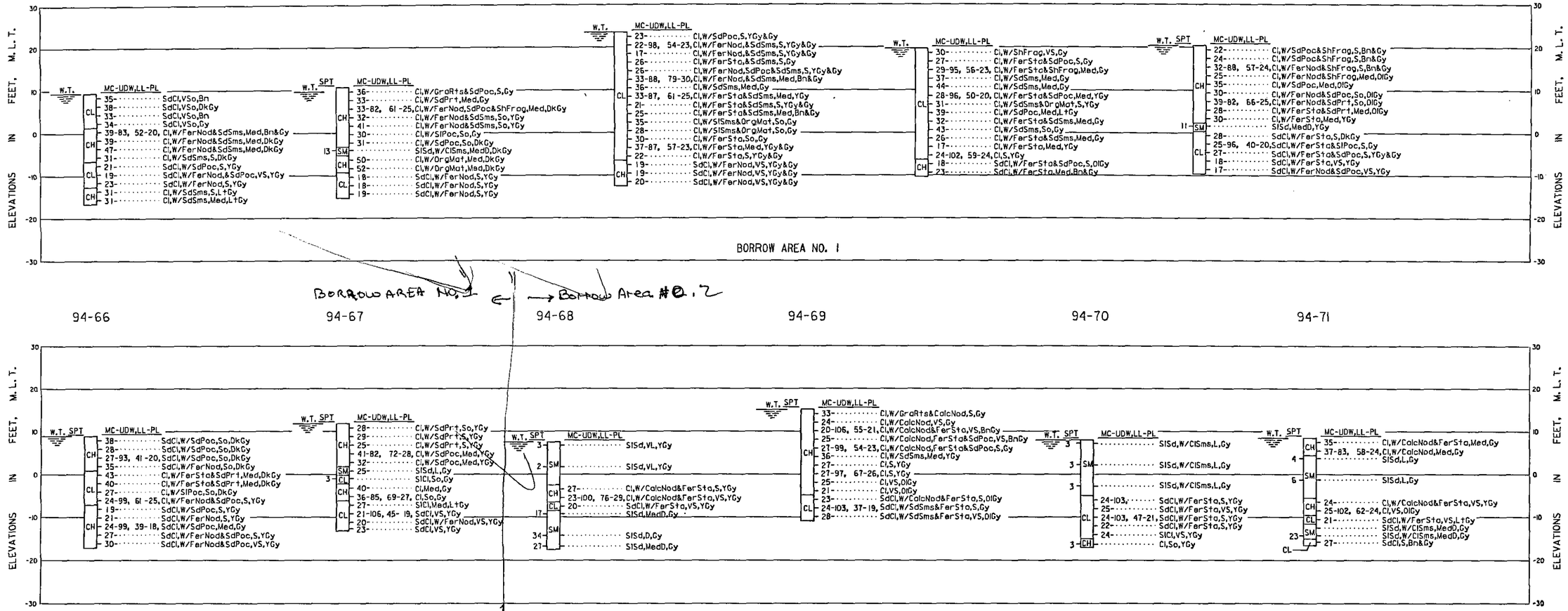
Project: Sabine Lake North Disposal Area No. 11
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

**SUMMARY OF LABORATORY TEST RESULTS**

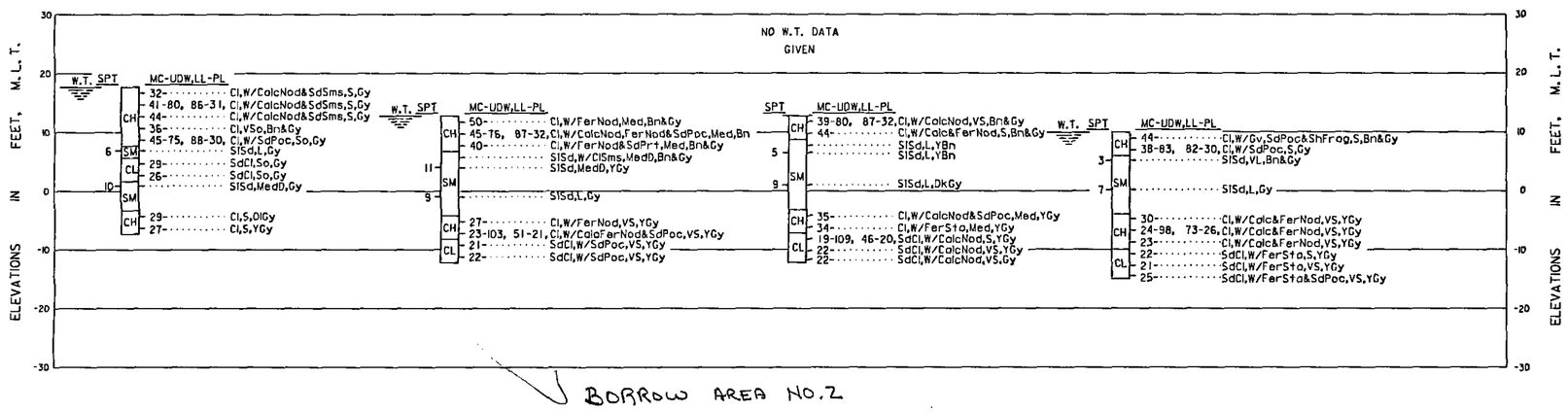
Boring No. 94-74

| 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 - 2 | 2.25 | | Brown&gray,Clay,Very stiff,w/calcareous nodules | C H | 38.5 | 80.4 | 111.3 | 87 | 32 | 100.0 | 100.0 | 99.9 | 99.0 | 98.7 | | |
| 2 | 2 - 4 | 1.50 | | Brown&gray,Clay,Stiff,w/calcareous and ferrous nodules | C H | 44.3 | | | | | | | | | | | |
| 3 | 4 - 6 | | | Yellowish brown,Sand,Loose,Silty | S M | | | | | | | | | | | | |
| 4 | 6-7.5 | | 5 | Yellowish brown,Sand,Loose,Silty | S M | | | | | | | | | | | | |
| 5 | 11-12.5 | | 9 | Dark gray,Sand,Loose,Silty | S M | | | | | | | | | | | | |
| 6 | 16-18 | 0.75 | | Yellowish gray,Clay,Medium stiff,w/calc-areous nodules and sand pockets | C H | 35.3 | | | | | | | | | | | |
| 7 | 18-20 | 0.75 | | Yellowish gray,Clay,Medium stiff,w/ferrous stains | C H | 34.1 | | | | | | | | | | | |
| 8 | 20-22 | 1.25 | | Yellowish gray,Clay,Stiff,Sandy,w/calc-areous nodules | C L | 19.3 | 108.9 | 129.9 | 46 | 20 | 100.0 | 99.6 | 97.5 | 81.5 | 71.6 | | |
| 9 | 22-24 | 2.25 | | Yellowish gray,Clay,Very stiff,Sandy,w/ calcareous nodules | C L | 21.6 | | | | | | | | | | | |
| 10 | 24-25 | 2.25 | | Gray,Clay,Very stiff,Sandy,w/calcareous nodules | C L | 22.1 | | | | | | | | | | | |

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




BORROW AREA NO. 1 ← → BORROW AREA #2




BORROW AREA NO. 2

NOTE:
FOR BORING NOTES, VISUAL ~~CLASSIFICATION~~ AND ~~LEGEND~~ Laboratory CLASSIFICATION, SEE DWG. NO. F-7 .

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

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

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SUBMITTED BY:
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CHIEF, DESIGN BRANCH
APPROVED:
CHIEF, ENGINEERING DIVISION

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

# BORING LOGS
BORROW AREAS NOS. 1 & 2

DATE: JULY 1995
1" = AS REQUIRED BY ENGINEER (CIRCULAR NO. 80-1-952)
SCALE: AS SHOWN
SPEC. DATE:

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

DRAWING NUMBER
F-5
SHEET 27 OF 32 FILE NO. SN 103-338