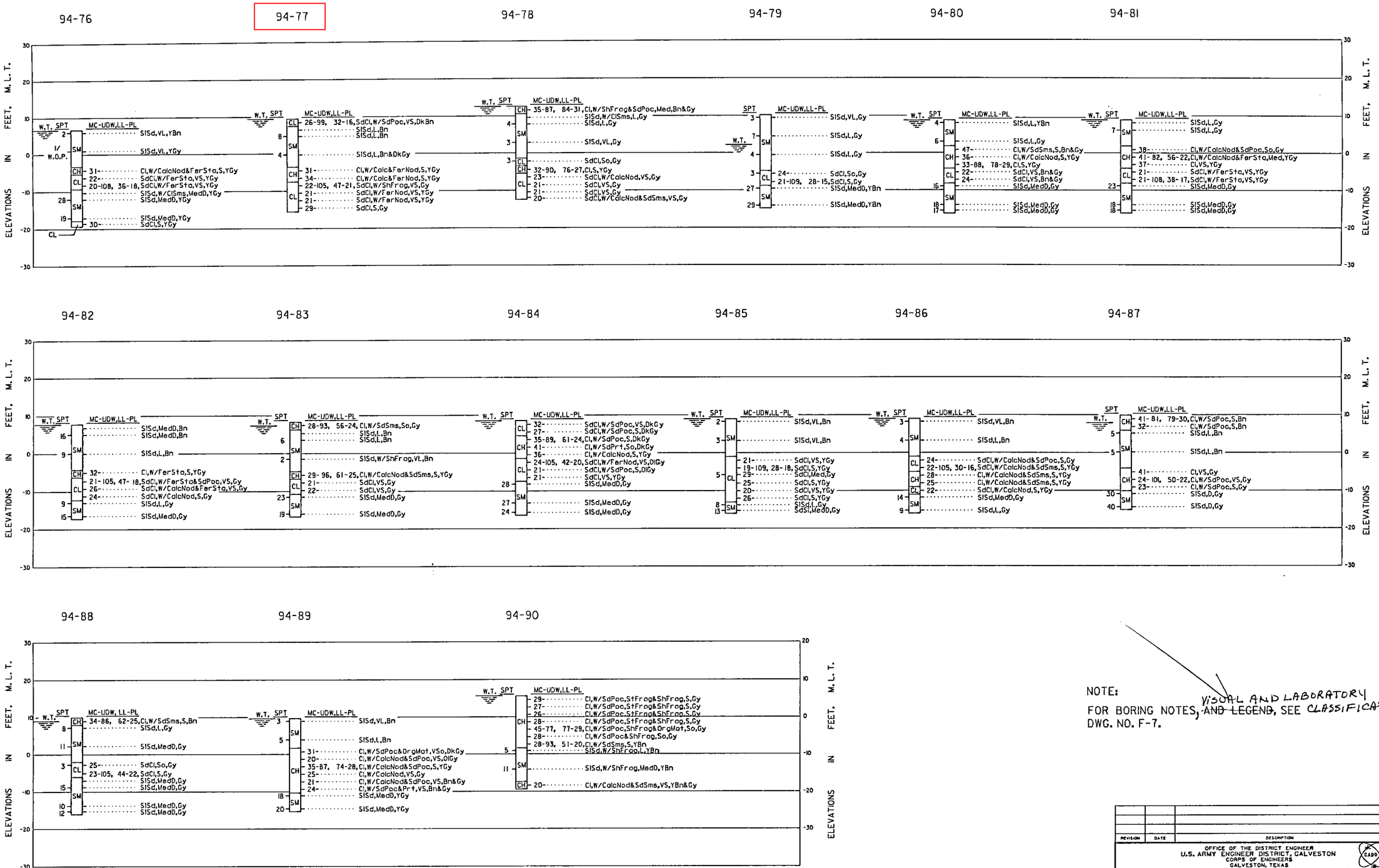
Project: Sabine Lake North Disposal Area No. 11
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-77

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 #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0 - 2	3.75		Dark brown,Clay,Very stiff,Sandy,w/sand pockets	C L	25.7	99.1	124.6	32	16	100.0	99.9	97.8	73.3	60.2		
2	2 - 4			Brown,Sand,Loose,Silty	S M												
3	4-5.5		8	Brown,Sand,Loose,Silty	S M						100.0	99.5	94.8	69.5	34.8		
4	9-10.5		4	Dark gray & brown,Sand,Loose,Silty	S M												
5	13-15	1.50		Yellowish gray,Clay,Stiff,w/calcareous and ferrous nodules	C H	30.5											
6	15-17	1.50		Yellowish gray,Clay,Stiff,w/calcareous and ferrous nodules	C H	34.4											
7	17-19	3.00		Gray,Clay,Very stiff,Sandy,w/shell fragments	C L	22.4	105.2	128.8	47	21	100.0	99.8	93.4	76.3	63.6		
8	19-21	2.75		Yellowish gray,Clay,Very stiff,Sandy,w/ ferrous nodules	C L	21.3											
9	21-23	2.75		Yellowish gray,Clay,Very stiff,Sandy,w/ ferrous nodules	C L	21.0											
10	23-25	1.25		Gray,Clay,Stiff,Sandy	C L	28.5											

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 CLASSIFICATIONS VISUAL AND LABORATORY DWG. NO. F-7.

REVISION	DATE	DESCRIPTION	BY

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

DRAWN BY: * P.N.
DESIGNED BY: * G.M.
CHECKED BY: * G.M./L.A.A.
SUBMITTED BY: *
CHIEF, GEOTECH & SURVEYS SECTION
APPROVED: *
CHIEF, DESIGN BRANCH
APPROVED: *
CHIEF, ENGINEERING DIVISION
DATE: JULY 1995
* AS REQUIRED BY ENGINEER CIRCULAR NO. 80-1-152)
SCALE: AS SHOWN
SPEC. DATE:

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

BORING LOGS
BORROW AREA NO. 2

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

DRAWING NUMBER F-6
SHEET 28 OF 32 FILE NO. SN 103-336