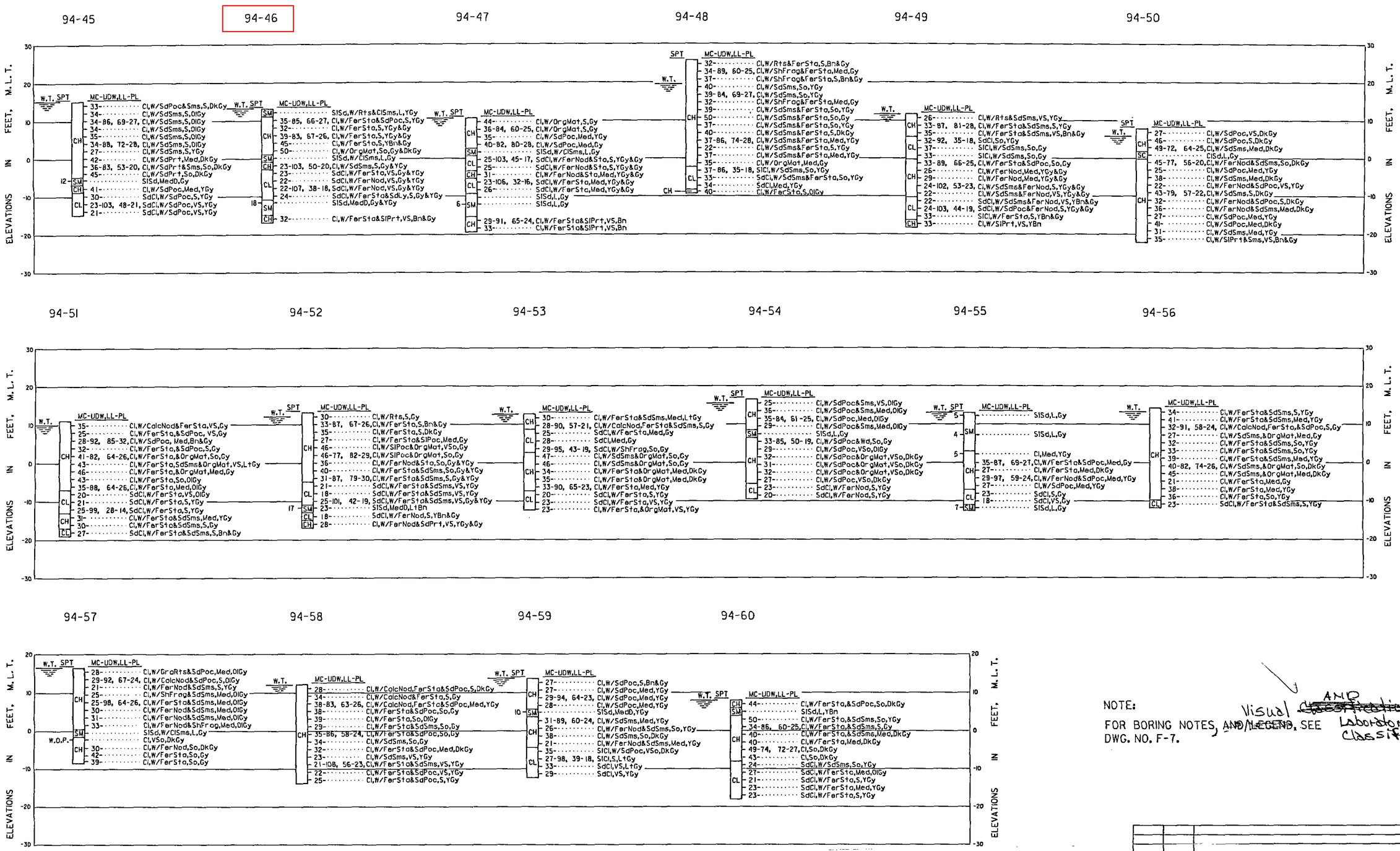
Project: Sabine Lake North Disposal Area No. 11
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-46

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			Yellowish gray,Sand,Loose,Silty,w/roots and clay seams	S M												
2	2 - 4	1.25		Yellowish gray,Clay,Stiff,w/ferrous stains and sand pockets	C H	34.8	84.5	113.8	66	27	100.0	100.0	99.6	98.6	98.2		
3	4 - 6	1.50		Yellowish gray&gray,Clay,Stiff,w/ferrous stains	C H	32.1											
4	6 - 8	1.25		Gray&yellowish gray,Clay,Stiff,w/ferrous stains	C H	39.1	83.2	115.7	67	26	100.0	100.0	99.6	98.7	98.6		
5	8 - 10	1.00		Gray&yellowish brown,Clay,Stiff,w/ferrous stains	C H	45.3											
6	10 - 12	0.25		Gray&dark gray,Clay,Soft,w/organic material	C H	49.5											
7	12 - 14			Gray,Sand,Loose,Silty,w/clay seams	S M												
8	14 - 16	1.75		Gray&yellowish gray,Clay,Stiff,w/sand seams	C H	22.6	103.3	126.6	50	20	100.0	100.0	99.8	98.0	90.2		
9	16 - 18	2.00		Gray&yellowish gray,Clay,Very stiff,Sandy, w/ferrous stains	C L	22.9											
10	18 - 20	2.25		Gray&yellowish gray,Clay,Very stiff,Sandy, w/ferrous nodules	C L	22.0											
11	20 - 22	2.50		Gray&yellowish gray,Clay,Very stiff,Sandy, w/ferrous nodules	C L	21.5	107.1	130.1	38	18	100.0	99.9	99.5	98.1	65.5		
12	22 - 24	1.50		Gray&yellowish gray,Clay,Stiff,sandy,w/ ferrous stains and sand layer	C L	23.8											
13	24-25.5		18	Gray&yellowish gray,Sand,Medium dense, Silty	S M												
14	28-30	2.25		Brown&gray,Clay,Very stiff,w/ferrous stains and silt parting	C H	32.3											

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.
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
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