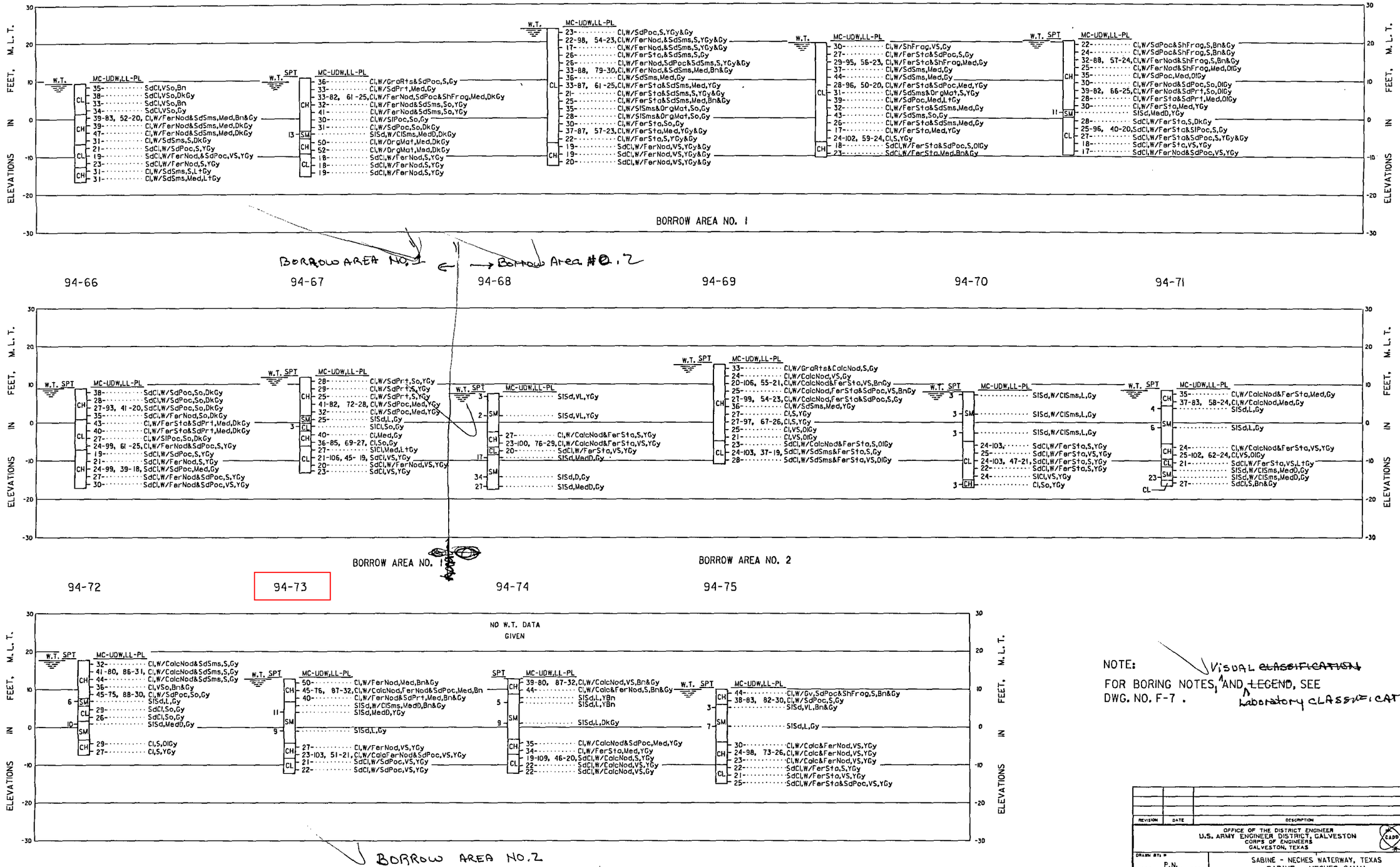
Project: Sabine Lake North Disposal Area No. 11
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-73

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	0.75		Brown&gray,Clay,Medium stiff,w/ferrous nodules	C H	50.4											
2	2 - 4	0.75		Brown,Clay,Medium stiff,w/calcareous and ferrous nodules and sand pockets	C H	44.7	76.0	110.0	87	32	100.0	100.0	99.0	98.7	97.7		
3	4 - 6	0.25		Brown & gray,Clay,Medium stiff,w/ferrous nodules and sand parting	C H	39.9										0.14	
4	6 - 8			Gray & brown,Sand,Medium dense,Silty,w/ clay seams	S M												
5	8-9.5		11	Yellowish gray,Sand,Medium dense,Silty	S M												
6	13-14.5		9	Gray,Sand,Loose,Silty	S M												
7	17-19	2.75		Yellowish gray,Clay,Very stiff,w/ferrous nodules	C H	26.9											
8	19-21	2.50		Yellowish gray,Clay,Very stiff,w/calcareous ferrous nodules and sand pockets	C H	22.6	103.0	126.3	51	21	100.0	100.0	99.1	94.7	89.5		
9	21-23	2.25		Yellowish gray,Clay,Very stiff,Sandy,w/sand pockets	C L	21.3											
10	23-25	2.50		Yellowish gray,Clay,Very stiff,Sandy,w/sand pockets	C L	22.2											

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, 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

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)
SCALE: AS SHOWN
SPEC. DATE:

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

BORING LOGS
BORROW AREAS NOS. 1 & 2

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