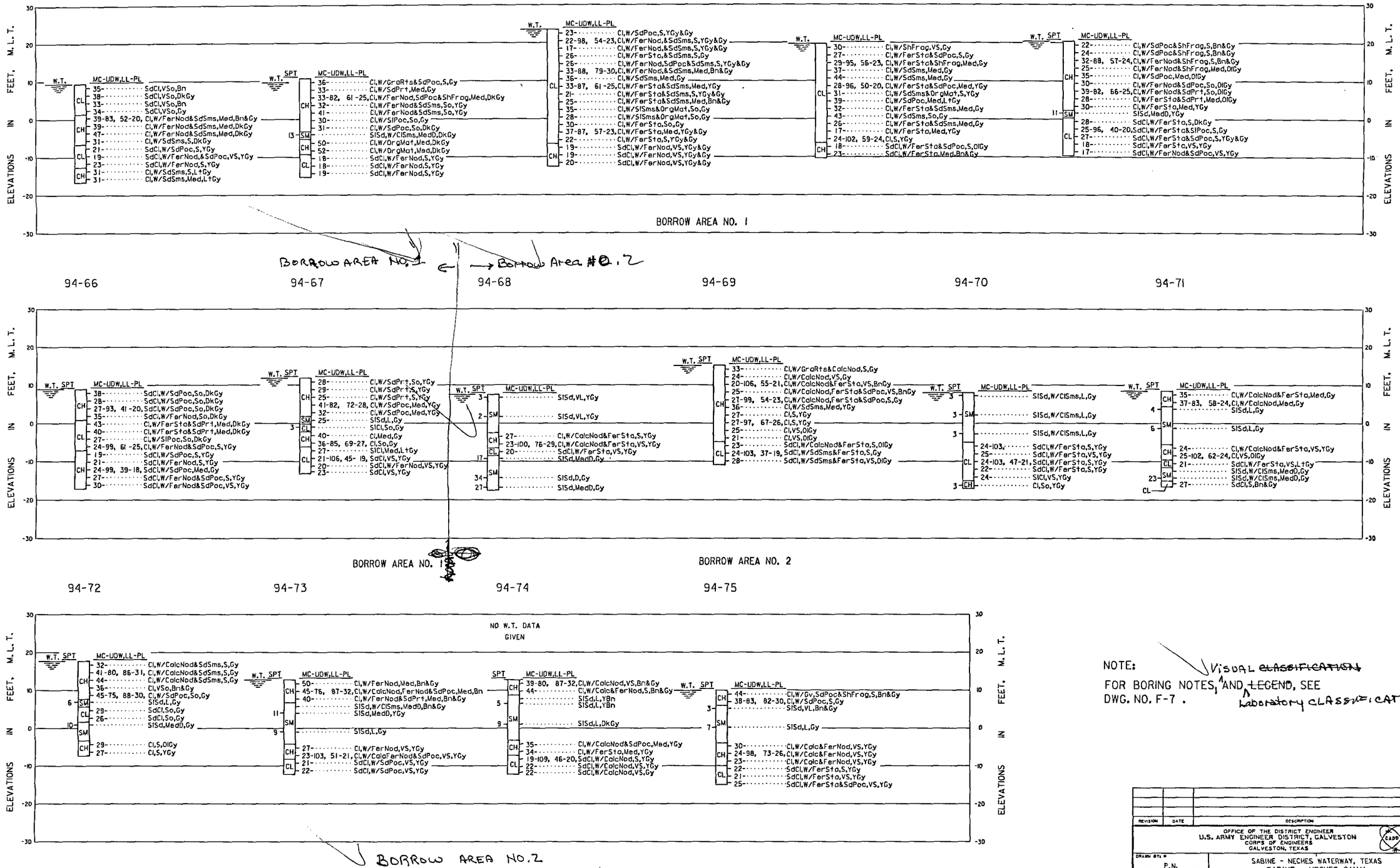
Project: Sabine Lake North Disposal Area
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-62

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	1.00		Gray,Clay,Stiff,w/sand pockets and grass roots	C H	36.0											
2	2 - 4	0.75		Gray,Clay,Medium stiff,w/sand parting	C H	33.3											
3	4 - 6	0.75		Dark gray,Clay,Medium stiff,w/ferrous nodules shell fragments and sand pockets	C H	32.8	81.9	115.7	61	25	100.0	99.8	98.4	97.4	95.6		
4	6 - 8	0.25		Yellowish gray,Clay,Soft,w/ferrous nodules and sand seams	C H	31.7											
5	8 - 10	0.25		Yellowish gray,Clay,Soft,w/ferrous nodules and sand seams	C H	40.6											
6	10 - 12	0.25		Gray,Clay,Soft,w/silt pockets	C H	29.8											
7	12 - 14	0.25		Dark gray,Clay,Soft,w/sand pockets	C H	30.7											
8	14-15.5		13	Dark gray,Sand,Medium dense,Silty,w/clay seams	S M												
9	16 - 18	0.50		Dark gray,Clay,Medium stiff,w/organic material	C H	50.0											
10	18 - 20	0.50		Dark gray,Clay,Medium stiff,w/organic material	C H	51.8											
11	20 - 22	1.75		Yellowish gray,Clay,Stiff,Sandy,w/ferrous nodules	C L	18.2											
12	22 - 24	1.50		Yellowish gray,Clay,Stiff,Sandy,w/ferrous nodules	C L	18.4											
13	24 - 26	1.75		Yellowish gray,Clay,Stiff,Sandy,w/ferrous nodules	C L	19.1											

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



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

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

BORING LOGS
BORROW AREAS NOS. 1 & 2

DATE: JULY 1995
1 IN 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