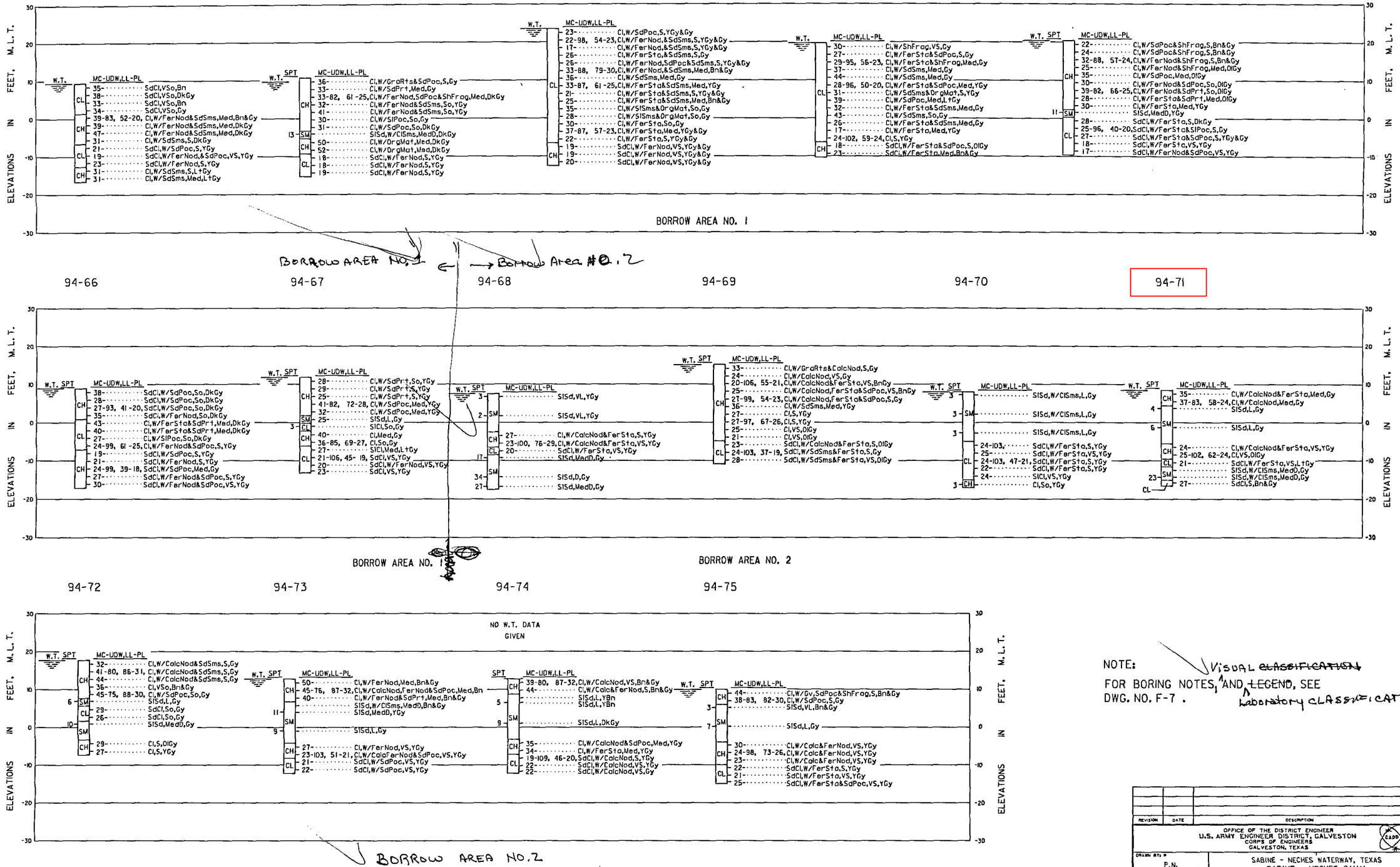
Project: Sabine Lake North Disposal Area No. 11
Near Port Arthur , Texas
Contract No. DACW64-93-D-0005 Delivery Order No. 0014

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 94-71

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	0.50		Gray,Clay,Medium stiff,w/calcareous nodules and ferrous stains	C H	34.5											
2	2 - 4	0.50		Gray,Clay,Medium stiff,w/calcareous nodules	C H	37.4	82.6	113.5	58	24	100.0	100.0	98.4	92.8	90.9	0.30	
3	4-5.5		4	Gray,Sand,Loose,Silty	S M												
4	9-10.5		6	Gray,Sand,Loose,Silty	S M						100.0	100.0	99.6	92.2	31.5		
5	14-16	2.00		Yellowish,Gray,Clay,Very stiff,w/calcareous nodules and ferrous stains	C H	23.6											
6	16-18	2.00		Olive gray,Clay,Very stiff	C H	24.6	101.8	126.9	62	24	100.0	99.6	99.0	98.5	97.4		
7	18-20	2.50		Light gray,Clay,Very stiff,Sandy,w/ferrous stains	C L	21.2											
8	20-22			Gray,Sand,Medium dense,Silty,w/clay seams	S M												
9	22-23.5		23	Gray,Sand,Medium dense,Silty,w/clay seams	S M												
10	23.5-25	1.50		Brown & gray,Clay,Stiff,Sandy	C L	27.1											

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