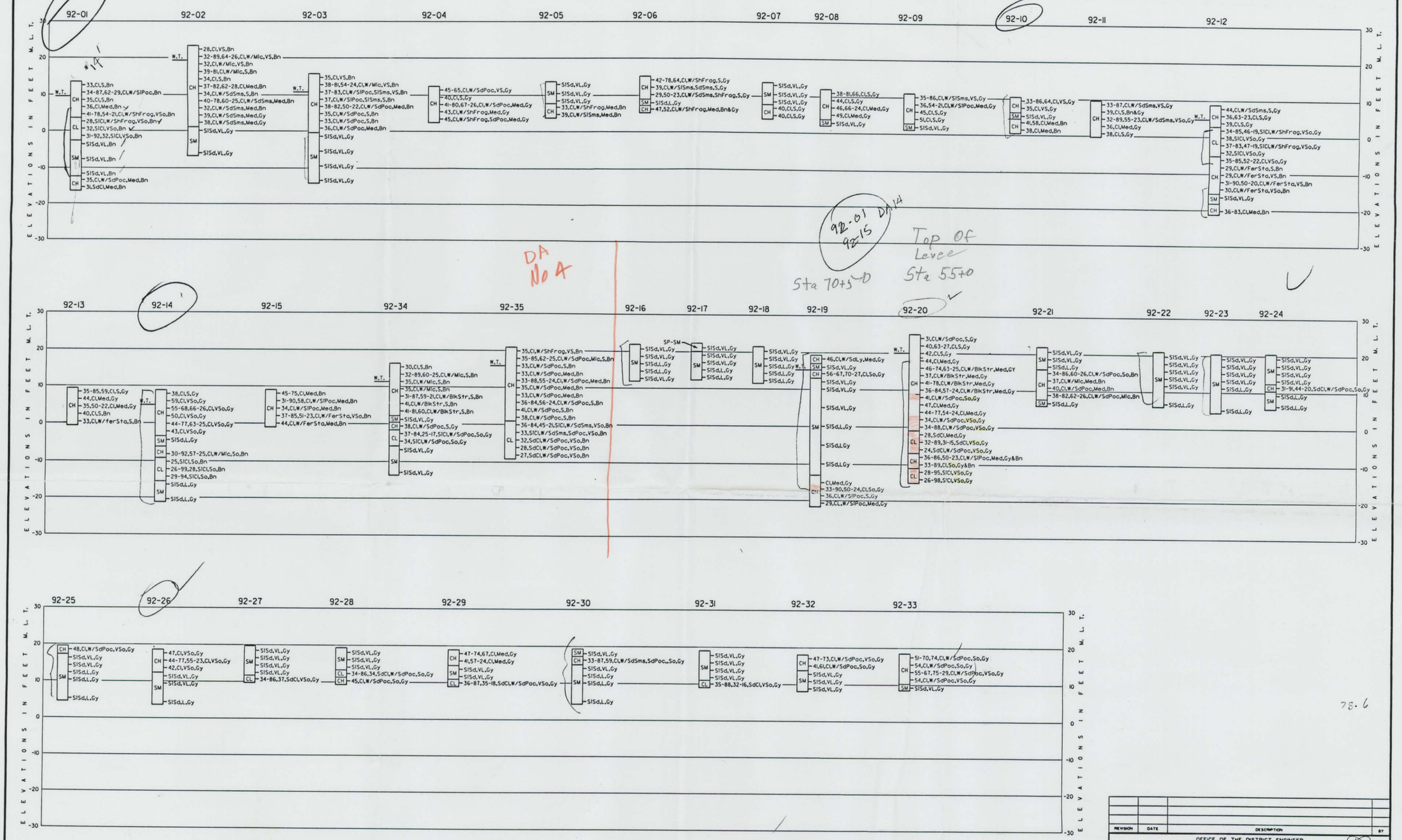

NOTE: SEE DRAWING NUMBER F-6 FOR SOILS NOTES .

REVISION	DATE	DESCRIPTION	BY

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

DRAWN BY: P.B.S.
TRACED BY:
CHECKED BY: J.T.F.
SUBMITTED BY: for David D. Campbell, CHIEF, SOILS DESIGN SECTION
APPROVED: David D. Campbell, CHIEF, GEOTECH. & SURVEYS BRANCH
APPROVED: for CHIEF ENGINEERING DIVISION
DATE: MAY 1992

BRAZOS ISLAND HARBOR, TEXAS
BROWNSVILLE CHANNEL
DREDGING INSHORE REACH No. 1
DISPOSAL AREAS Nos. 2 & 4
BORING LOGS

Prepared under the direction of
Brink P. Miller, Col., C.E.,
District Engineer

SCALE: AS SHOWN
SPEC. DATE:
DRAWING NUMBER F-7
SHEET 14 OF 17 FILE NO. RIO 90I-240

U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-04 DATE: BEGIN 3-21-92 PAGE 1 / 1
JOB NO. 146535 COMPLETE 3-21-92 Thin Walled Tube
PROJECT Brownsville Disp. Area #4 ☑ 3" ☐ 6"
LOCATION " Ship Channel
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG ARDCO-C-1000
GROUNDWATER: DEPTH Dry ft., ELEV. ____ ft., at end of Drilling
WEATHER P.C. - Warm - Windy
DRILLER D. Mitchell LOGGER J. Berg

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	.25	Tan Gray	Clay	Soft	Sand	
		2	.25	Gray	"	"		
5		3	.25	"	"	"		w/Sa Sng.
		4	.5	"	"	Mod.Stiff	"	w/Glass + Shell Frag
		5	.25	Tan	Clay	Soft		
10								Bottom of 92-04 10'
15								
20								
25								
30								
35								

Project : Disposal Areas Nos.2 and 4 for Brownsville Ship Channel
Brownsville, Texas
Contract No. DACW64-92-D-0001 Delivery order No. 0008

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 92-04

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0-2	2.50		Gray,Clay,Very stiff,w/sand pockets	CH	44.5			65								
2	2-4	1.00		Gray,Clay,Stiff	CH	40.0											
3	4-6	0.50		Gray,Clay,Medium stiff,w/sand pockets	CH	41.0	79.9	112.7	67	26	100.0	100.0	99.8	98.7	94.3		
4	6-8	0.50		Gray,Clay,Medium stiff,w/shell fragments	CH	43.3											
5	8-10	0.50		Gray,Clay,Medium stiff,w/w/shell fragments & sand pockets	CH	45.2											

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe

Geotest Engineering, Inc.