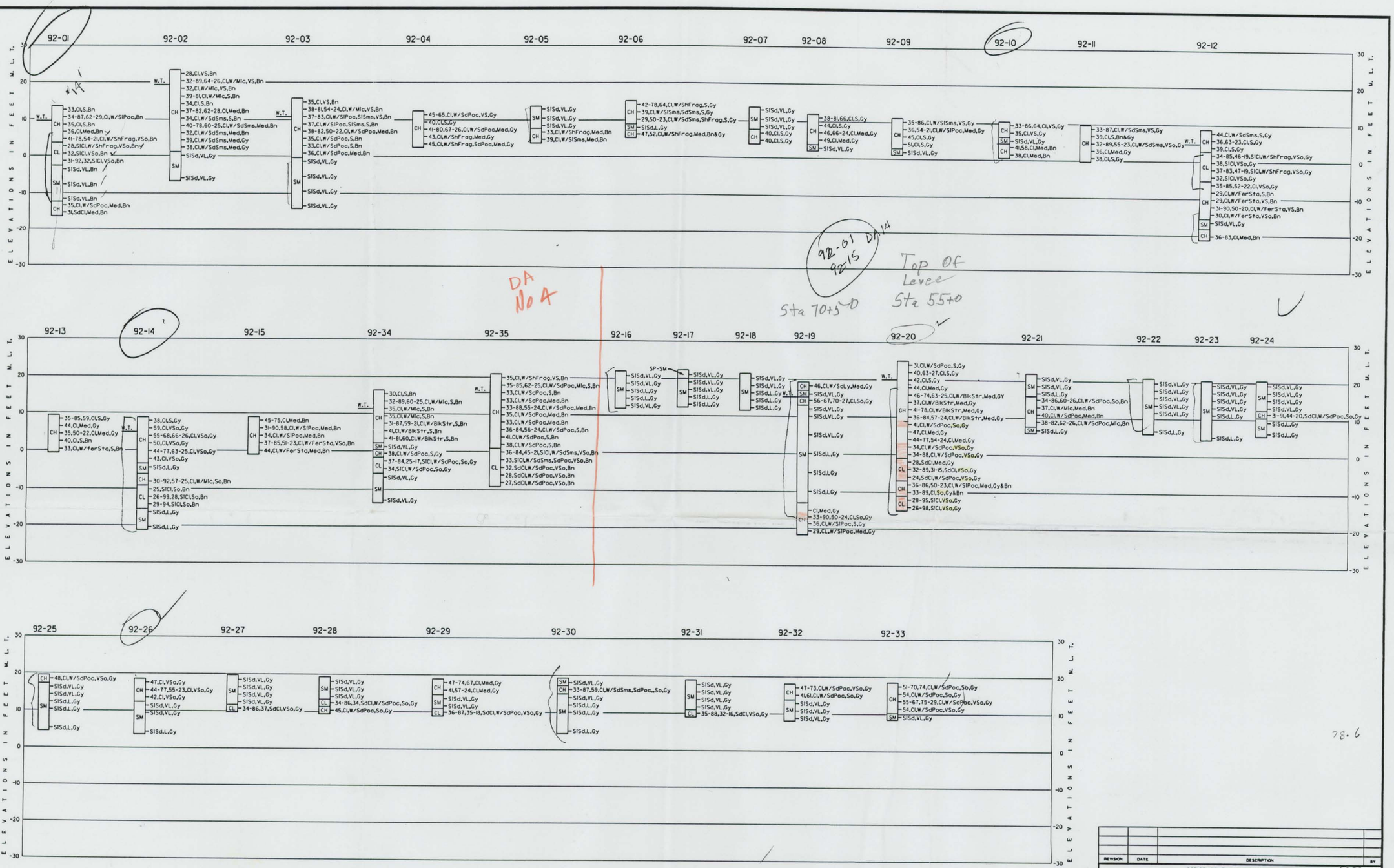

NOTE: SEE DRAWING NUMBER F-6 FOR SOILS NOTES .

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: David P. Campbell, CHIEF, SOILS DESIGN SECTION
APPROVED: David P. 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 901-240

78.6

U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-25 DATE: BEGIN 3-18-92 PAGE 1 / 1
JOB NO. 146535 COMPLETE 3-18-92 Thin Walled Tube
PROJECT Brownsville Disp. Area #2 ☑ 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 Cloudy - Warm - Showers
DRILLER D. Mitchell LOGGER T. Berg

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	0,25	Gray + Tan	Clay	Soft	SAND	
		2	1-1-2 / 1	Gray + Tan	Sand	Very loose		Sa at 2' w/ Roots
5		3	1/1/1	Tan	"	"		
		4	1/2/2	Gray	"	Loose		w/ Shell Frag
		5	1/2/2	"	"	"		
10								
		6	1/2/2	Gray	Sand	Loose		
15								Bottom of 92-25 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. 92-25

El 19.5

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					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	0.00		Gray,Clay,Very soft,w/sand pockets	CH	47.9			60								
2	2.5-4		1-12"/ 1	Gray,Sand,Very loose,Silty	S M												
3	4.5-6		2	Gray,Sand,Very loose,Silty	S M						100.0	100.0	99.9	83.3	25.4		
4	6.5-8		4	Gray,Sand,Loose,Silty	S M												
5	8.5-10		4	Gray,Sand,Loose,Silty	S M												
6	13.5-15		4	Gray,Sand,Loose,Silty	S M												

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.