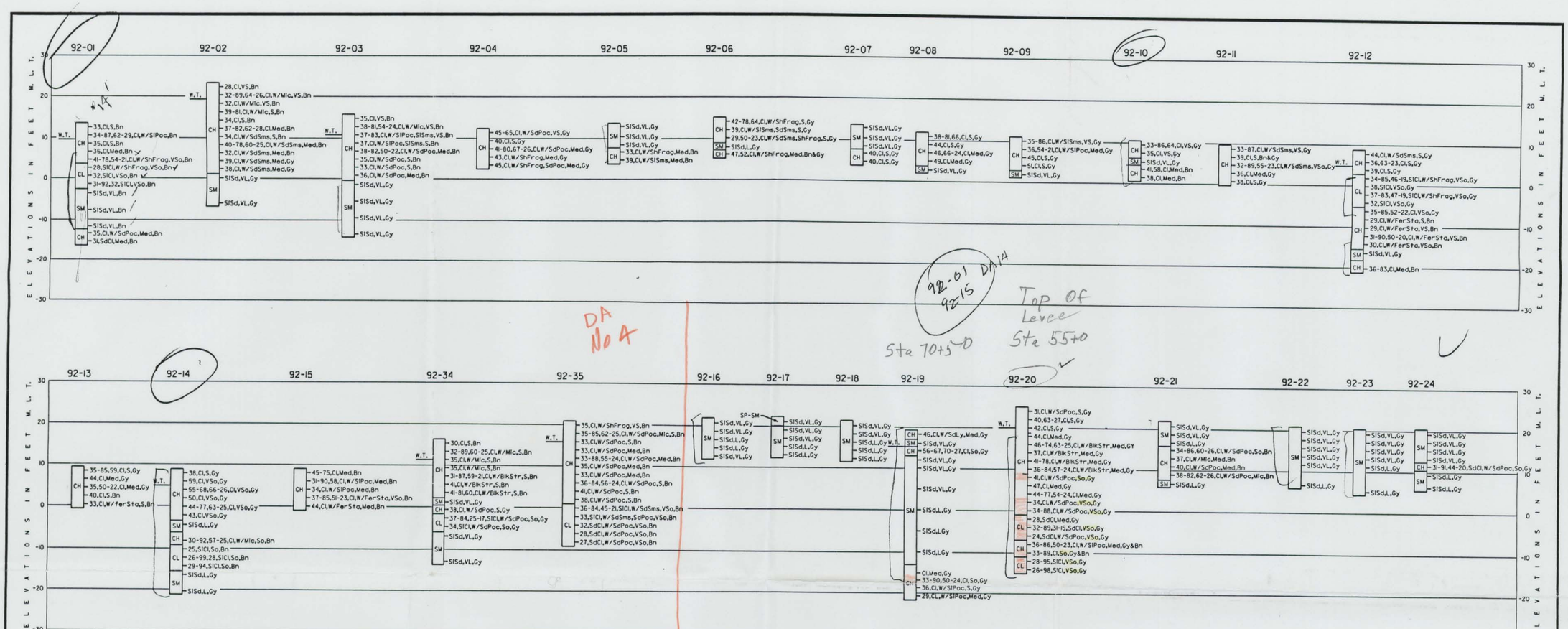

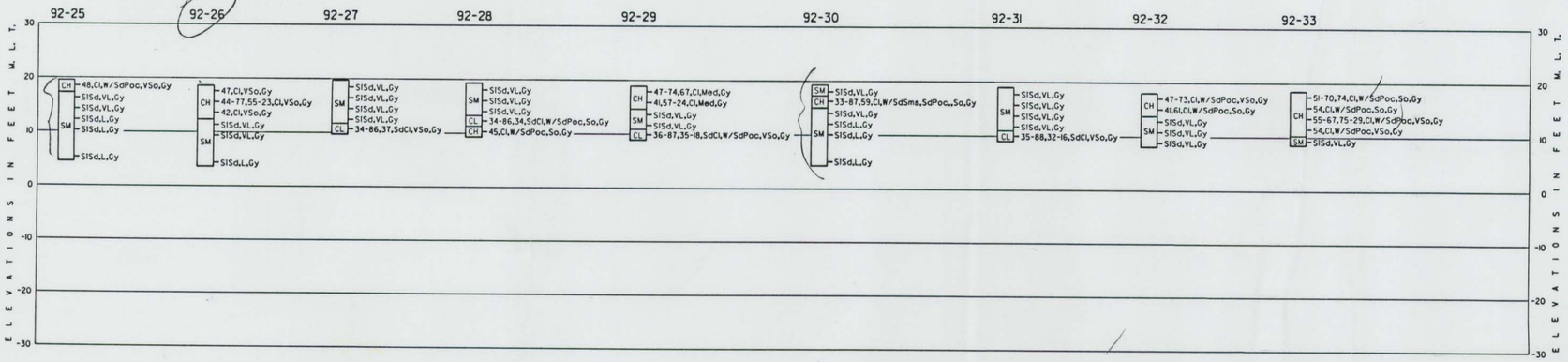

NOTE: SEE DRAWING NUMBER F-6 FOR SOILS NOTES .

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 D. Campbell, CHIEF, SOILS DESIGN SECTION
APPROVED: David D. Campbell, CHIEF, GEOTECH. & SURVEYS BRANCH
APPROVED: for CHIEF ENGINEERING DIVISION
DATE: MAY 1992
SCALE: AS SHOWN
SPEC. DATE:
DRAWING NUMBER: F-7
SHEET 14 OF 17 FILE NO. RIO 901-240

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

78.6

U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-28 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 J. Berg

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0	X	1	1-12"/1	Tan	Silt	Very Loose	Cl. Balls	N.R. w/Tube Si. at Surface
	X	2	1/1/1	Tan	Sand	Very Loose		
5	X	3	1/1/1	Gray	"	"		
		4	.25	"	Clay	Soft	Sand	Sa Cl. at 6'
		5	.25	"	"	"	"	
10								Bottom of 92-28 10'
15								N.R. No Recovery
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. 92-28

El. 19.3

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	0.5-2		1-12"/1	Gray,Sand,Very loose,Silty	S M												
2	2.5-4		2	Gray,Sand,Very loose,Silty	S M						100.0	100.0	99.8	88.2	35.2		
3	4.5-6		2	Gray,Sand,Very loose,Silty	S M												
4	6-8	0.25		Gray,Clay,Soft,Sandy,w/sand pockets	C L	34.3	86.3	115.9	34								
5	8-10	0.25		Gray,Clay,Soft,w/sand pockets	C H	44.6											

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.