

U.S. ARMY CORPS OF ENGINEERS

DEPTH, FEET		SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	BORING NO. <u>92-13</u> DATE: BEGIN <u>3-21-92</u> PAGE <u>1/1</u> JOB NO. <u>146535</u> COMPLETE <u>3-21-92</u> Thin Walled Tube PROJECT <u>Brownsville Disp. Area #4</u> ☒ 3" ☐ 6" LOCATION <u>"</u> <u>Ship Channel</u> ELEVATION OF HOLE _____ MANUFACTURER'S DESIGNATION OF DRILL RIG <u>ARDCO-C-1060</u> GROUNDWATER: DEPTH <u>Day</u> ft., ELEV. _____ ft., at end of Drilling WEATHER <u>P.C. - warm - windy</u> DRILLER <u>D. Mitchell</u> LOGGER <u>J. Beck</u>				
		COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS			
0									
	1	1.0	TAN	clay	stiff				
	2	.25	"	"	Soft				
5	3	.25	TAN GRAY	"	"				
	4	.25	"	"	"				
10	5	.75	TAN	clay	med stiff				
						Bottom of 92-13 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. 92-13

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)	LL (%)	PL (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	1.25		Gray,Clay,Stiff	CH	35.3	84.7	114.6	59								
2	2-4	0.75		Gray,Clay,Medium stiff	CH	43.7											
3	4-6	0.50		Gray,Clay,Medium stiff	CH	34.6			50	22							
4	6-8	1.25		Brown,Clay,Stiff	CH	39.6											
5	8-10	1.50		Brown,Clay,Stiff,w/ferrous stains	CH	33.1											

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