

BORING LOG	DISTRICT	INSTALLATION	SHEET OF 1 SHEETS
1. PROJECT Galveston Channel and Pelican Island PA		7. ELEVATION OF HOLE	
2. LOCATION (Coordinates or Station) N=13695438 E=3306205		8. DATUM FOR ELEVATION	
3. DRILLING AGENCY Dempsey (Geotest Engineering, Inc.)		9. ELEVATION OF GROUNDWATER ▽ TOD: ▽ 24-HR:	
4. LABORATORY TESTING AGENCY Tolunay-Wong Engineers, Inc.		10. DRILLING DATE and TIME STARTED: COMPLETED:	
5. DEPTH OF WATER ▽ TOD: ▽ 24-HR:		11. CLASSIFICATION REFERENCE	
6. DEPTH OF HOLE 6 ft		12. ENGINEER	

	DEPTH (ft)	ELEVATION (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE	NUMBER	RECOVERY (%)	SPT (N)	PENETROMETER (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	FINES CONTENT (% <200)	
5				FAT CLAY(CH), gray		1					80.5	109	31	78	97.7	
						2										
						3										
						4										
						5										
						6										
10											122.1	120	31	89	98.9	
15																
20																
25																
30																

SUMMARY OF LABORATORY TESTS

Project No. 08.18.918

Client: United States Army Corps of Engineers

Project: Galveston Channel and Pelican Island PA

Contract No. DACW64-03-D-0008, Task Order No. 0077

Boring No.	Sample No.	Depth (ft)	Soil Description	USCS	Water Content (%)	Dry Density (pcf)	Liquid Limit	Plastic Limit	Plast. Index	Finer than #200 Sieve (%)	Lab Vane (tsf)	Uc/UU. Compr. (tsf)	Failure Strain (%)	Conf. Pres. (psi)	Failure Type
07-160															
	1	0-1	Dark gray FAT CLAY; organics	CH											
	2	1-2	Dark gray FAT CLAY; organics	CH	103.7		110	31	79	99.0					
	3	2-3	Dark gray FAT CLAY	CH											
	4	3-4	Dark gray FAT CLAY	CH	126.9										
	5	4-5	Dark gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	64.5		103	30	73	99.5					
07-161															
	1	0-1	Gray FAT CLAY	CH											
	2	1-2	Gray FAT CLAY	CH	80.5		109	31	78	97.7					
	3	2-3	Gray FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	122.1		120	31	89	98.9					
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	58.5										
07-162															
	1	0-1	Gray FAT CLAY	CH											
	2	1-2	Gray FAT CLAY	CH	62.3		99	27	72	96.4					
	3	2-3	Gray FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	109.4										
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	59.6		101	29	72	96.9					
07-163															
	1	0-1	Gray FAT CLAY	CH											
	2	1-2	Gray FAT CLAY	CH	97.5		113	31	82	99.3					
	3	2-3	Gray FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	99.6		115	31	84	97.6					
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	60.6										
07-164															
	1	0-1	Gray and brown FAT CLAY	CH											
	2	1-2	Gray and brown FAT CLAY	CH	71.3		106	30	76	94.6					
	3	2-3	Gray and brown FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	58.0										
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	47.3		89	24	65	90.9					
07-165															
	1	0-1	Gray FAT CLAY	CH											

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