

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=13691827 E=3307575		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		

[illegible]

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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Project: Galveston Channel and Pelican Island PA

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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
	2	1-2	Gray FAT CLAY	CH	116.0		124	36	88	98.3					
	3	2-3	Gray FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	56.7		122	30	92	98.1					
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	84.6										
07-166															
	1	0-1	Tan SILTY SAND	SM											
	2	1-2	Gray SILTY SAND	SM						27.3					
	3	2-3	Gray SILTY SAND	SM											
	4	3-4	Gray SILTY SAND	SM											
	5	4-5	Gray FAT CLAY; sand seams	CH	72.2		77	25	52	89.4					
	6	5-6	Gray FAT CLAY	CH											
07-167															
	1	0-1	Gray and brown FAT CLAY	CH											
	2	1-2	Brown and gray FAT CLAY	CH	69.3		109	30	79	97.3					
	3	2-3	Gray and brown FAT CLAY	CH											
	4	3-4	Gray and brown FAT CLAY	CH	61.9		101	29	72	98.0					
	5	4-5	Gray and brown FAT CLAY	CH											
	6	5-6	Gray and brown FAT CLAY	CH	61.0										
07-168															
	1	0-1	Reddish-brown and gray FAT CLAY	CH											
	2	1-2	Gray FAT CLAY	CH	89.2		118	31	87	95.2					
	3	2-3	Gray FAT CLAY	CH											
	4	3-4	Gray FAT CLAY	CH	79.1										
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY; shell fragments	CH	73.9		101	30	71	92.3					
07-169															
	1	0-1	Gray FAT CLAY	CH											
	2	1-2	Gray FAT CLAY	CH	100.7		113	32	81	97.7					
	3	2-3	Gray and brown FAT CLAY	CH											
	4	3-4	Gray and brown FAT CLAY	CH	72.9		97	30	67	96.0					
	5	4-5	Gray FAT CLAY	CH											
	6	5-6	Gray FAT CLAY	CH	76.5										
07-170															
	1	0-1	Gray FAT CLAY; organics	CH											
	2	1-2	Gray and brown FAT CLAY; organics	CH	67.0		94	27	67	98.2					
	3	2-3	Gray and brown FAT CLAY; organics	CH											

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TOLUNAY-WONG  ENGINEERS, INC.