

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
	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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