

PORT ARANSAS-CORPUS CHRISTI
WATERWAY, CHANNEL TO VIOLA

TEST DATA SUMMARY

FEATURE Log of Soil Boring

BORING NO.	SAMPLE NO.	DEPTH OR ELEV OF SAMPLE	LABORATORY CLASSIFICATION	MECHANICAL ANALYSIS				ATTERBERG LIMITS		SPECIAL GRAVITY G	NATURAL WATER CONTENT %	NATURAL DRY DENSITY LBS/CU FT	COMPACTION DATA		SHEAR DATA						PERMEABILITY		CONSOLIDATION DATA						REMARKS						
				GRAVEL %	SAND %	FINES %	D ₁₀	LL	PL				OPTIMUM WATER %	MAXIMUM DRY DENSITY LBS/CU FT	INITIAL	DRY DENSITY LBS/CU FT	W ₁ %	W _p %	S ₁ %	TYPE TEST	SPECIMEN SIZE INCHES	TEST	σ ₁ T/SQ FT	σ ₃ T/SQ FT	C T/SQ FT	φ DEGREES	K FT/MIN	P ₀ T/SQ FT		P _c T/SQ FT	e ₀	t ₉₀			
55T-15	G1	00.0	= water surface (Elev +2.3 MSL)																																
	↙	10.0		2-4-73																															
	5809	12.0	SM	0	79	21	0.0	0.0			29.5	90.1																							
	↙	15.0	SM																																
	5810	17.0	CH	0	30	70		62.0	190		47.7																								
	↙	20.0	CH																																
	5811	22.0	CL	0	29	71	0.0	38.0	11.0		34.9	85.4																							
	↙	25.0	CL																																
	5812	27.0	SM-SP	0	94	6					30.7																								
	↙	30.0	SM-SP																																
	5813	31.5	SP	7	92	1					17.0																							89/30.0-31.5	
	↙	34.5	SP																																
	5814	36.0	SM	16	72	12					14.5																							4/34.5-36.0	
	5815	37.0	SP	31	67	2					16.6																							32/36.0-37.0	
	↙	42.0	SP																																
	5816	43.5	SM	3	73	16					19.1																							115/42.0-43.5	
	↙	45.5	SM																																
	5817	47.0	SM	12	46	42					18.6																							22/45.5-47.0	
			Bottomed @ a Depth of 47.0' Below Surface of Water in white, Gravelly silty sand (SM)																																
			Location of Boring: Sta. 1535+0.00 - 11.0' North of E																																
			Tide 2.2' @ 8:50 AM & 2.3' @ 3:25 PM																																

* Values at Pressure T/SQ FT

↖ = No Recovery

- Triaxial Compression
UC - Unconfined CompressionDS - Direct Shear
UU - Unconsolidated Undrained- Consolidated Drained
CU - Consolidated Undrained

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LOCATION:

DATE _____