

10' SE of location

SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
	3 June	0.0	70.5								water depth.
1 ✓	-	0.0		0.0	3.0			osterberg		.50	Cuane shear .07 tons ft^2 (35)
						1.8	3.0		Tube		GR. clay medium
				3.0	5.0						wash away
				5.0	8.0			osterberg		0.0	Cuane shear .06 tons ft^2 (30)
2 ✓						5.6	6.8		Tube		GR cl v/soft.
2 ✓						6.8	8.0		Tube		—
				8.0	10.0						wash away
				10.0	13.0			osterberg		0.0	Cuane shear .04 tons ft^2 (20)
3 ✓						11.8	13.0		Tube		GR. cl v/soft
				13.0	15.0						wash away
				15.0	18.0			osterberg		0.0	Cuane shear .08 tons ft^2 (40)
4 ✓						16.8	18.0		Tube	0.0	GR. cl v/soft.
				18.0	20.0						wash away
				20.0	23.0			osterberg		.50	Cuane shear .12 tons ft^2 (60)
5 ✓						21.1	21.8		tube		GR cl (med.)

Date_____ Classified by_____

[illegible]

BORING LOG FIELD DATA											
Project <u>Harbor Island Port Drawings</u>						Location _____		Date <u>3 June 1974</u>			
Drill Rig <u>1500</u>						Inspector <u>Black</u>		Operator _____		Surface elev. _____	
Levee District <u>Galveston</u>						Job No. _____		Boring No. <u>74-132</u>			
SAMPLE NUMBER	DATE TAKEN	STRATUM		DRIVE		SAMPLE		TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS
		FROM	TO	FROM	TO	FROM	TO				
5 ✓	3 June					21.8	23.0		tube		CR. CL. Med. wash away
6 ✓				23.0	25.0						
1				25.0	28.0	25.0	26.0	aster bag	Jar		CR. SD with shell wash away
7				28.0	31.0						
				31.0	33.0	31.5	33.0	split spoon	Jar		CR. SD w/shell 31 Blows
				31.0	31.5						29 -
				31.5	32.0						33 -
				32.0	32.5						no count.
				32.5	33.0						
											Total depth 33.0 Below Mud Line, or 103' Below Top of water

Sheet 2 of 2 Sheets

Date _____ Classified by _____

[illegible]

12 July 1971

GDLR NO 1475

PROJECT: CORPUS CHRISTI (HARBOR ISLAND)

BORING NO. 74-132

TEST DATA SUMMARY

LOCATION:

DATE COMPLETED 3 June 1974

FIELD NO.	Sample Depth, Feet		CLASSIFICATION	ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No.	BAR L.S.	SIEVE ANALYSIS										
	From	To													PERCENT			INIT. WT.	ACC. WT. RTND. SIEVE NO. (3)						
															GRVL	SAND	FINES		NO. 4	NO. 10	NO. 40	NO. 200			
	0.0	70.5																							
1C	1.8	3.0	Gray Sandy Clay w/sand pockets & layers	0'-5'	CL	M	0.50		46	75	39	19	1786		0	18	82	50	0	0	0	9			
2C	5.6	6.8	Brown & Gray Clay	5'-8'	CH	VS	0.0		54	66	65	24	1787		0	6	94	50	0	0	0	3			
2C	6.8	8.0	sand pockets 5.6'-6'			VS	0.0		64	63	65	22	1788		0	2	98	50	0	0	0	1			
3C	11.8	13.0	Gray Sandy Clay	8'-15'	CL	VS	0.0		42	77	48	18	1789		0	16	84	50	0	0	0	8			
4C	16.8	18.0	Gray Clay	15'-25'	CH	VS	0.0		40	79	54	19	1790		0	8	92	50	0	0	0	4			
5C	21.1	21.8	trace organic material	17.8'-21.8'		M	0.50		51	74	54	20	1791		0	2	98	50	0	0	0	1			
5C	21.8	23.0	silt seams	22.8'-23'					48	74	63	19	1792		0	0	100	50	0	0	0	0			
6J	25.0	26.0	Gray Sandy Silt w/shell fragments	25'-28'	ML				25				1793	0	6	40	54	50	3	4	6	43			
7J	31.5	33.0	Gray Silty Sand w/shell fragments	28'-33'	SPSM	VD		62	22				1794	0	0	92	8	50	0	1	4	46			
																</									

KEY: CONSISTENCY - COHESIVE SOILS
 VS S M ST VST H VL L M D VD
 Very Soft Soft Medium Stiff Very Stiff Hard Very Loose Loose Medium Dense Very Dense

CONSISTENCY - NONCOHESIVE SOILS

(1) Tone/Sq. Ft. Unconfined Compressive Strength
 (2) Split Barrel Sampler
 (3) Acc. Wt. Rtd. = Init. Wt. x 100 ÷ 2 Rtd.

Bottomed at 33.0'

Water at

Tide Reading

BORING NO. 74-132

Sheet 1 of sheets 1

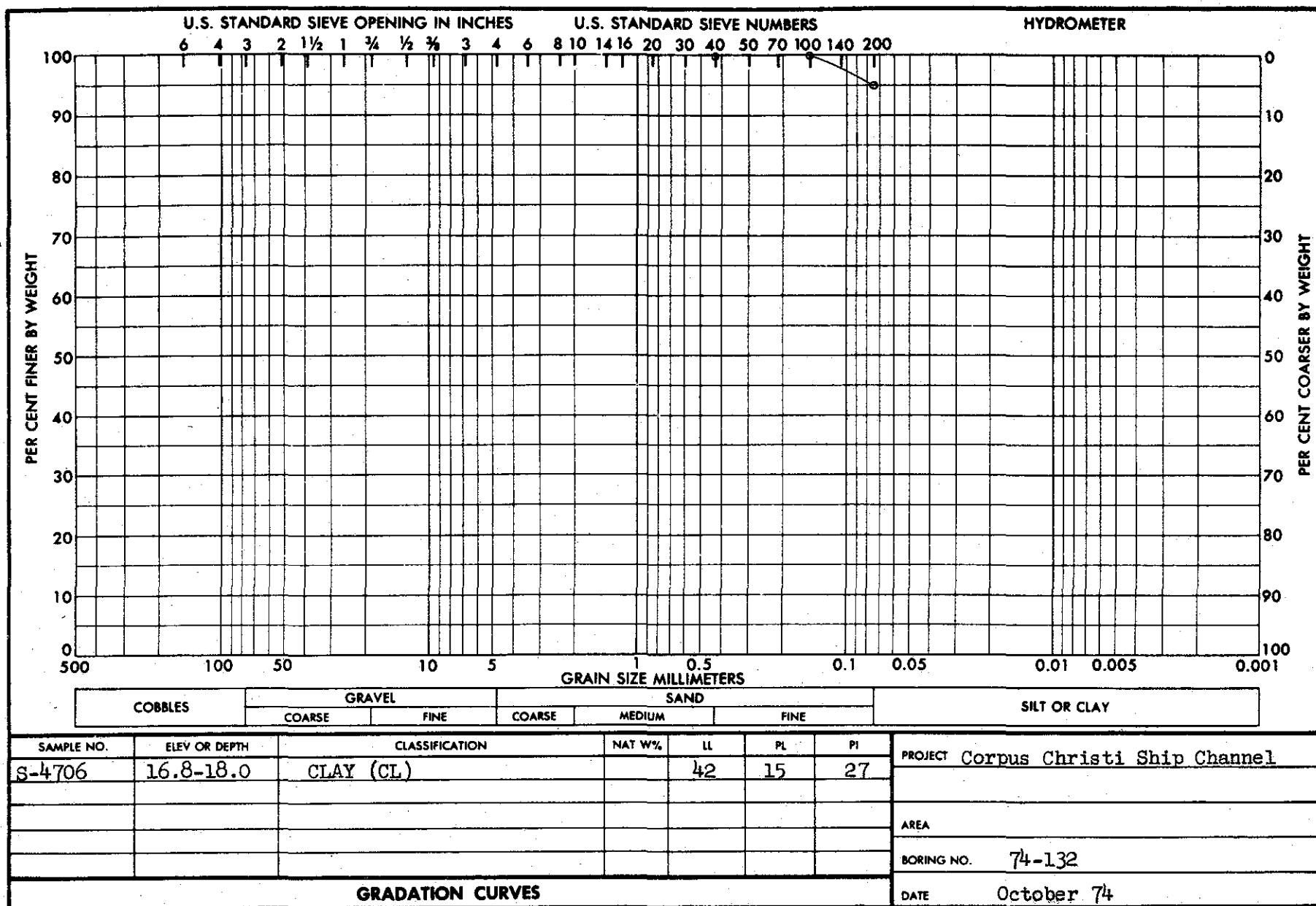
TEST DATA SUMMARY

PROJECT _____

SWDED-FL Report 12013

Corpus Christi

[illegible]



SMD-FL Report No. 12013

	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">SPECIMEN NO.</td> <td colspan="2">1</td> </tr> <tr> <td rowspan="4" style="writing-mode: vertical-rl; transform: rotate(180deg);">INITIAL</td> <td>WATER CONTENT, %</td> <td>w_o</td> <td>37.7</td> </tr> <tr> <td>DRY DENSITY LB/ CU FT</td> <td>γ_{d_o}</td> <td>82</td> </tr> <tr> <td>SATURATION, %</td> <td>s_o</td> <td>98</td> </tr> <tr> <td>VOID RATIO</td> <td>e_o</td> <td>1.026</td> </tr> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">BEFORE SHEAR</td> <td>WATER CONTENT, %</td> <td>w_c</td> <td></td> </tr> <tr> <td>DRY DENSITY LB/ CU FT</td> <td>γ_{d_c}</td> <td></td> </tr> <tr> <td>SATURATION, %</td> <td>s_c</td> <td></td> </tr> <tr> <td>VOID RATIO</td> <td>e_c</td> <td></td> </tr> <tr> <td>FINAL BACK PRESSURE, T/SQ FT</td> <td>u_o</td> <td></td> </tr> <tr> <td colspan="2">MINOR PRINCIPAL STRESS, T/SQ FT</td> <td>σ_3</td> <td>1.0</td> </tr> <tr> <td colspan="2">MAXIMUM DEVIATOR STRESS, T/SQ FT</td> <td>$(\sigma_1 - \sigma_3)_{MAX}$</td> <td>.18</td> </tr> <tr> <td colspan="2">TIME TO $(\sigma_1 - \sigma_3)_{MAX}$, MIN</td> <td>$t_f$</td> <td>20</td> </tr> <tr> <td colspan="2">ULTIMATE DEVIATOR STRESS, T/SQ FT</td> <td>$(\sigma_1 - \sigma_3)_{ULT}$</td> <td></td> </tr> <tr> <td colspan="2">INITIAL DIAMETER, IN.</td> <td>D_o</td> <td>1.3</td> </tr> <tr> <td colspan="2">INITIAL HEIGHT, IN.</td> <td>H_o</td> <td>3.0</td> </tr> </table>	SPECIMEN NO.		1		INITIAL	WATER CONTENT, %	w_o	37.7	DRY DENSITY LB/ CU FT	γ_{d_o}	82	SATURATION, %	s_o	98	VOID RATIO	e_o	1.026	BEFORE SHEAR	WATER CONTENT, %	w_c		DRY DENSITY LB/ CU FT	γ_{d_c}		SATURATION, %	s_c		VOID RATIO	e_c		FINAL BACK PRESSURE, T/SQ FT	u_o		MINOR PRINCIPAL STRESS, T/SQ FT		σ_3	1.0	MAXIMUM DEVIATOR STRESS, T/SQ FT		$(\sigma_1 - \sigma_3)_{MAX}$	.18	TIME TO $(\sigma_1 - \sigma_3)_{MAX}$, MIN		t_f	20	ULTIMATE DEVIATOR STRESS, T/SQ FT		$(\sigma_1 - \sigma_3)_{ULT}$		INITIAL DIAMETER, IN.		D_o	1.3	INITIAL HEIGHT, IN.		H_o	3.0
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