

October 16, 2006
 Attn.: Mr. Josh Carter
 RETL Job No.: G106505

PROPOSED SAN LUIS PASS PROJECT PHASE 2
 West Galveston Bay
 Freeport, Texas

	BORING C06		BORING C07	
SIEVE SIZE	2.5'-5'	7.5'-10'	0-2.5'	5'-7.5'
#10	100	100	100	100
#20	100	100	100	100
#40	100	100	100	100
#60	100	100	100	100
#70	100	100	99	99
#80	99	99	98	98
#100	97	94	77	75
#120	57	51	33	43
#140	25	25	16	31
#200	4.5	4.1	3.7	20.0
#230	3.0	2.8	2.9	19.1
Color	2.5Y 3/2	2.5Y 4/3	2.5Y 5/2	2.5Y 5/2
Description	Vry. Dk. Gray Brown	Olive Brown	Gray Brown	Gray Brown

	BORING C08			BORING C09		
SIEVE SIZE	2.5'-5'	7.5'-10'	12.5'-15'	0-2.5'	5'-7.5'	10'-12.5'
#10	100	100	100	99	98	100
#20	100	100	100	99	98	100
#40	100	100	100	98	97	99
#60	100	100	100	97	96	99
#70	99	99	99	95	94	97
#80	99	99	98	89	90	94
#100	84	81	76	56	57	65
#120	46	38	34	22	26	28
#140	24	22	16	10	13	14
#200	3.9	4.7	4.4	2.0	3.0	3.2
#230	2.5	3.6	3.6	1.6	2.6	2.7
Color	2.5Y 5/2	2.5Y 5/3	2.5Y 5/1	2.5Y 5/2	2.5Y 5/2	2.5Y 5/2
Description	Gray Brown	Lt. Olive Brown	Gray	Gray Brown	Gray Brown	Gray Brown

LOG OF BORING C-06

SHEET 1 of 1

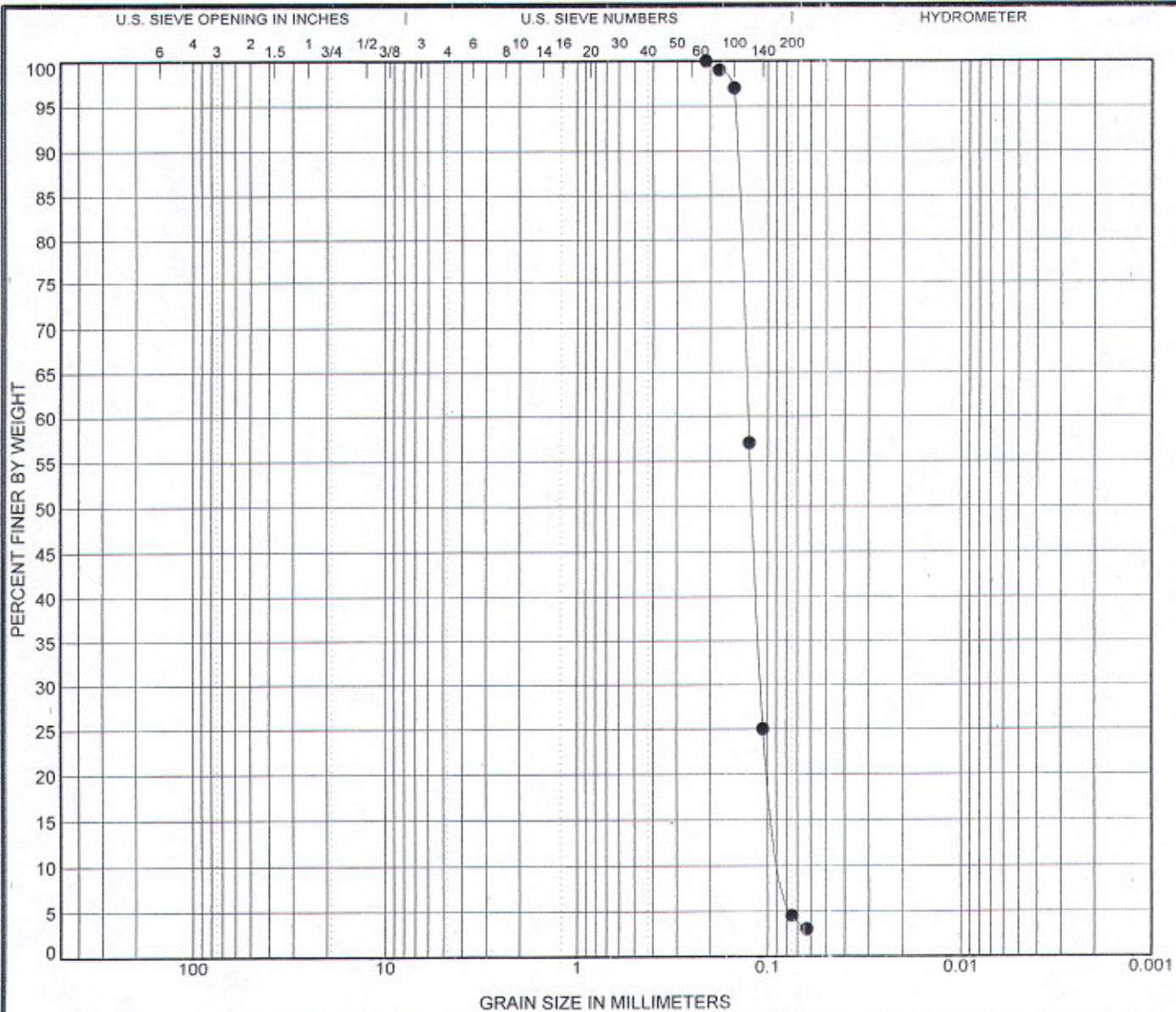


Rock Engineering & Testing Laboratory
4910 Neptune Street
Corpus Christi, TX 78405
Telephone: 361-883-4555
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CLIENT: Coast and Harbor Engineering, Inc.
PROJECT: Proposed San Luis Pass Project Phase 2
LOCATION: W. Galveston Bay; Freeport, Texas
NUMBER: G106505

DATE(S) DRILLED: 9/11/06 - 9/11/06

FIELD DATA										LABORATORY DATA							DRILLING METHOD(S):
SOIL SYMBOL	DEPTH (FT)	SAMPLE NUMBER	SAMPLES	N: BLOWS/FT P: TONS/SQ FT T: TONS/SQ FT PERCENT RECOVERY/ ROCK QUALITY DESIGNATION	MOISTURE CONTENT (%)	ATTERBERG LIMITS			DRY DENSITY POUNDS/CU.FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)						
						LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX									
						LL	PL	PI									
	1	UNDIS S-1															
	2																
	3																
	4	UNDIS S-2									5						
	5																
	6	UNDIS S-3															
	7																
	8																
	9	UNDIS S-4									4						
	10																
													POORLY GRADED SAND, 2.5Y 3/1 very dark gray. Same as above, 2.5Y 3/2 very dark gray brown. Same as above, 2.5Y 3/3 dark olive brown. POORLY GRADED SAND, 2.5Y 4/3 olive brown.				
													Boring terminated at a depth of 10' below the bay bottom.				
N - STANDARD PENETRATION TEST RESISTANCE P - POCKET PENETROMETER RESISTANCE T - POCKET TORVANE SHEAR STRENGTH													REMARKS: Soil Sampling performed by RETL at N29.1019 deg W95.1241 deg.				



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● C-06 2.5	POORLY GRADED SAND(SP)				1.13	1.54

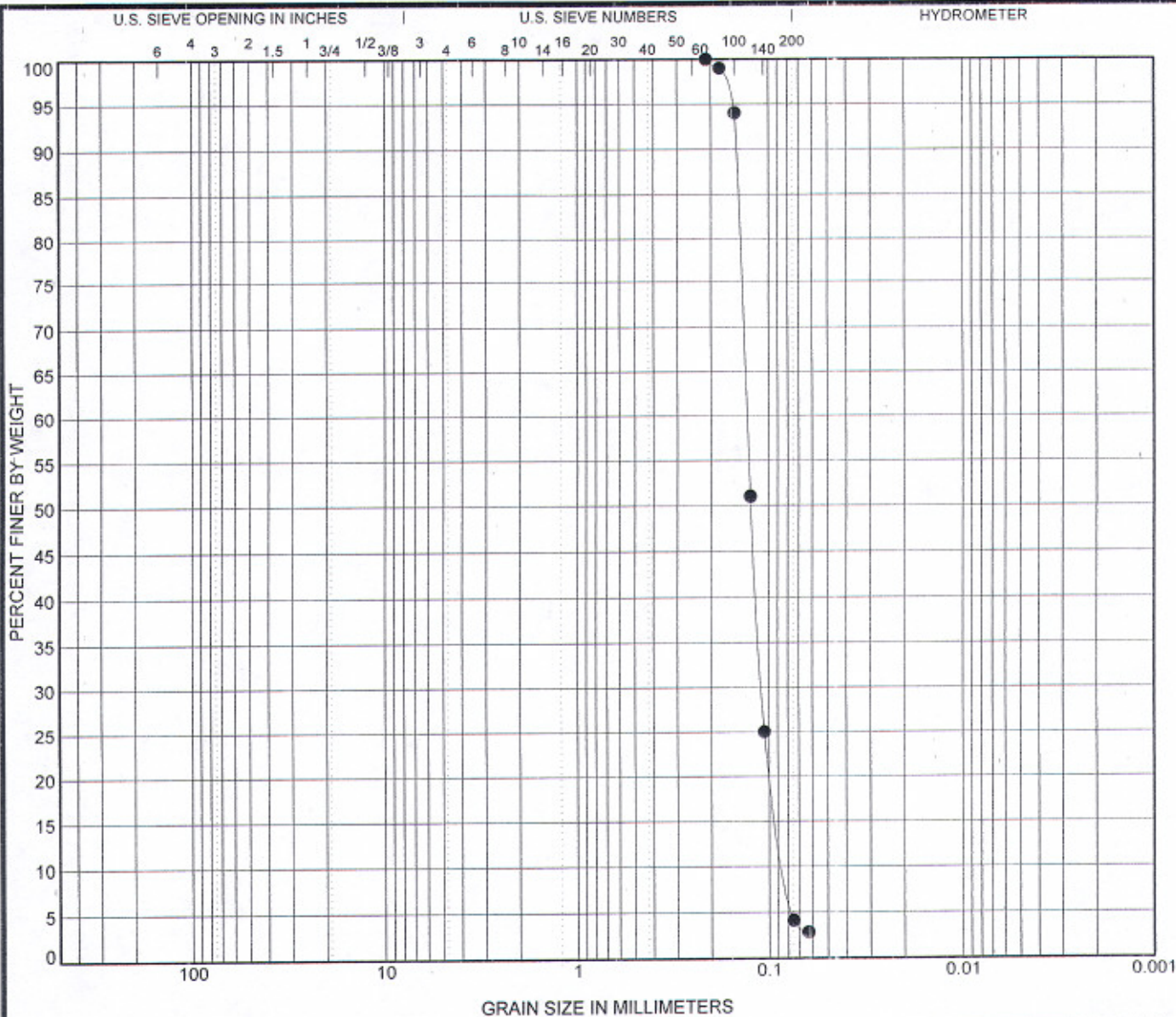
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● C-06 2.5	0.212	0.127	0.109	0.082	0.0	95.5	4.5	

GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2
 Location: W. Galveston Bay; Freeport, Texas
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COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification				LL	PL	PI	Cc	Cu	
●	C-06	7.5	POORLY GRADED SAND(SP)							1.11	1.57
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
●	C-06	7.5	0.212	0.13	0.109	0.083	0.0	95.9	4.1		

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US GRAIN SIZE G106505.GPJ US LAB.GDT 10/17/08