

May 31, 2006
Attn.: Mr. Hugo E. Bermudez, P.E.
RETL Job No.: G106337

PROPOSED SAN LUIS PASS PROJECT
West Galveston Bay
Freeport, Texas

	BORING B-15			
SIEVE SIZE	0-2.5'	2.5'-5'	5'-7.5'	7.5'-10'
#10	99	99	99	100
#20	99	98	98	100
#40	98	97	97	100
#60	96	96	96	99
#70	93	95	93	99
#80	88	93	87	57
#100	48	53	45	56
#120	20	21	19	21
#140	9	9	8	8
#200	2.6	3.3	3.0	3.4
#230	2.3	3.0	2.8	3.1
Color	2.5Y 6/2	2.5Y 5/2	2.5Y 5/3	2.5Y 5/2
Description	Lt Brown Gray	Gray Brown	Lt Olive Brown	Gray Brown

Closing

Pursuant to instructions, no further laboratory testing or engineering analyses have been performed. If you have any questions or comments, please contact us at (361) 883-4555.

Sincerely,

Christopher A. Rock, P.E.
Branch Manager

Attachments: Boring Location Plan
Boring Logs B-1 through B-15
Grain Size Analysis
Key to Soil Classifications

LOG OF BORING B-15

SHEET 1 of 1



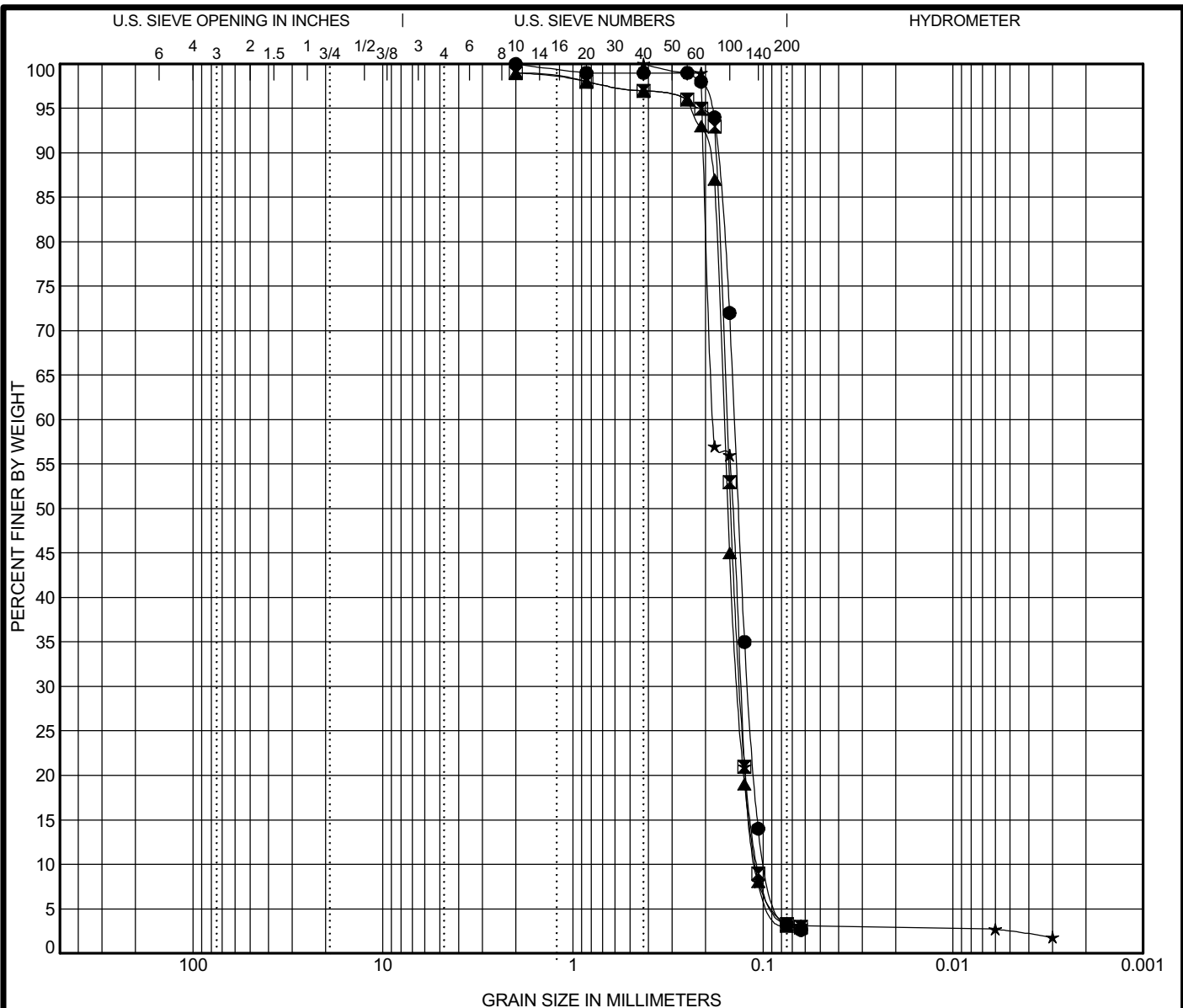
Rock Engineering and Testing Laboratory, Inc.
4910 Neptune Street
Corpus Christi, Texas 78405
Telephone: (361) 883-4555
Fax: (361) 883-4711

CLIENT: Coast and Harbor Engineering, Inc.
PROJECT: Proposed San Luis Pass Project
LOCATION: W. Galveston Bay; Freeport, Texas
NUMBER: G106337

DATE(S) DRILLED: 5/18/06 - 5/18/06

FIELD DATA										LABORATORY DATA					DRILLING METHOD(S): Disturbed Samples
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 (%)	GROUNDWATER INFORMATION: N/A			
						LL	PL	PI							
												SURFACE ELEVATION: N/A			
												DESCRIPTION OF STRATUM			
												<u>WATER DEPTH= 1/2-FOOT</u>			
	1											<u>POORLY GRADED SAND</u> , 2.5Y 6/2 light brown gray. Same as above, 2.5Y 5/2 gray brown.			
	2	S-1									3				
	3										3				
	4	S-2									3				
	5											Same as above, 2.5Y 5/3 light olive brown.			
	6	S-3									3				
	7											<u>POORLY GRADED SAND</u> , 2.5Y 5/2 gray brown.			
	8										3				
	9	S-4									3				
	10											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 deg 05' 22.5" W95 deg 07' 32.9"			

LOG OF BORING G106337.GPJ ROCK ETL.GDT 6/2/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification				LL	PL	PI	Cc	Cu
●	B-15	1.0	POORLY GRADED SAND(SP)						1.10	1.52
☒	B-15	2.5	POORLY GRADED SAND(SP)						1.04	1.44
▲	B-15	5.0	POORLY GRADED SAND(SP)						1.04	1.47
★	B-15	7.5	POORLY GRADED SAND(SP)						0.87	1.68

Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	B-15	1.0	2	0.141	0.12	0.093	0.0	96.8	3.2
☒	B-15	2.5	2	0.155	0.132	0.107	0.0	95.7	3.3
▲	B-15	5.0	2	0.16	0.135	0.109	0.0	96.0	3.0
★	B-15	7.5	0.425	0.182	0.131	0.109	0.0	96.6	3.4

GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project
 Location: W. Galveston Bay, Freeport, Texas
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