

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-08

SHEET 1 of 1



Rock Engineering & Testing Laboratory
4910 Neptune Street
Corpus Christi, TX 78405
Telephone: 361-883-4555
Fax: 361-883-4711

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

DRILLING METHOD(S):

Disturbed Samples

GROUNDWATER INFORMATION:

Boring Performed in water approximately 2 to 3 feet in depth.

SURFACE ELEVATION: N/A

DESCRIPTION OF STRATUM

POORLY GRADED SAND, 2.5Y 5/3 light olive brown.

Same as above, 2.5Y 5/2 gray brown.

Same as above, 2.5Y 5/2 gray brown.

POORLY GRADED SAND, 2.5Y 5/3 light olive brown.

Same as above, 2.5Y 3/2 very dark gray brown.

Same as above, 2.5Y 5/1 gray.

Boring terminated at a depth of 15' below the bay bottom.

REMARKS:

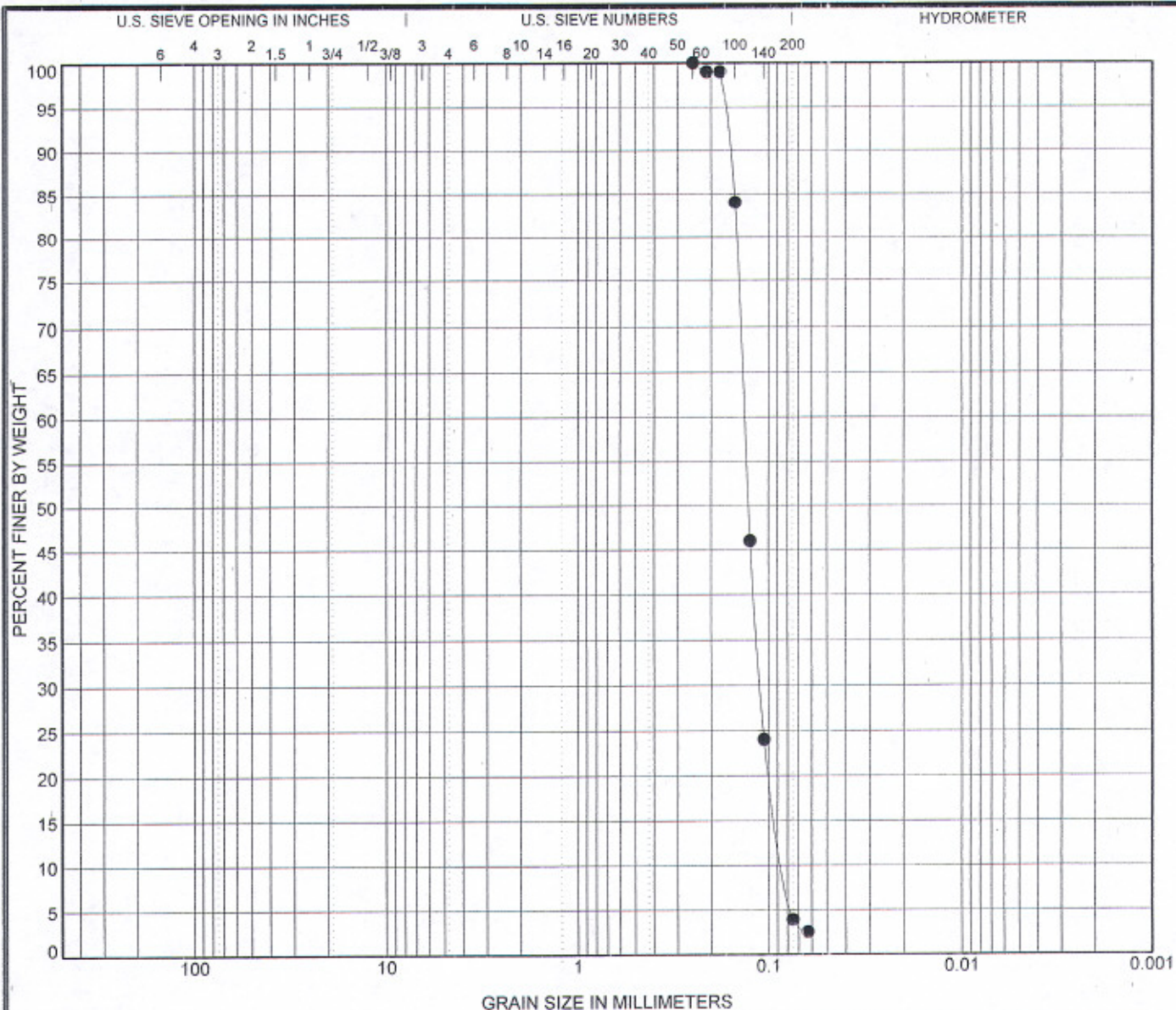
Soil Sampling performed by RETL at N291012 deg W95.1165 deg.

FIELD DATA

LABORATORY DATA

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									4
	5										
	6	UNDIS S-3									
	7										
	8										
	9	UNDIS S-4									5
	10										
	11	UNDIS S-5									
	12										
	13										
	14	UNDIS S-6									4
	15										

N - STANDARD PENETRATION TEST RESISTANCE
P - POCKET PENETROMETER RESISTANCE
T - POCKET TORVANE SHEAR STRENGTH



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● C-08 2.5	POORLY GRADED SAND(SP)				1.10	1.60

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● C-08 2.5	0.25	0.134	0.111	0.083	0.0	96.1	3.9	



Rock Engineering & Testing Laboratory
4910 Neptune Street
Corpus Christi, TX 78405
Telephone: 361-883-4555
Fax: 361-883-4711

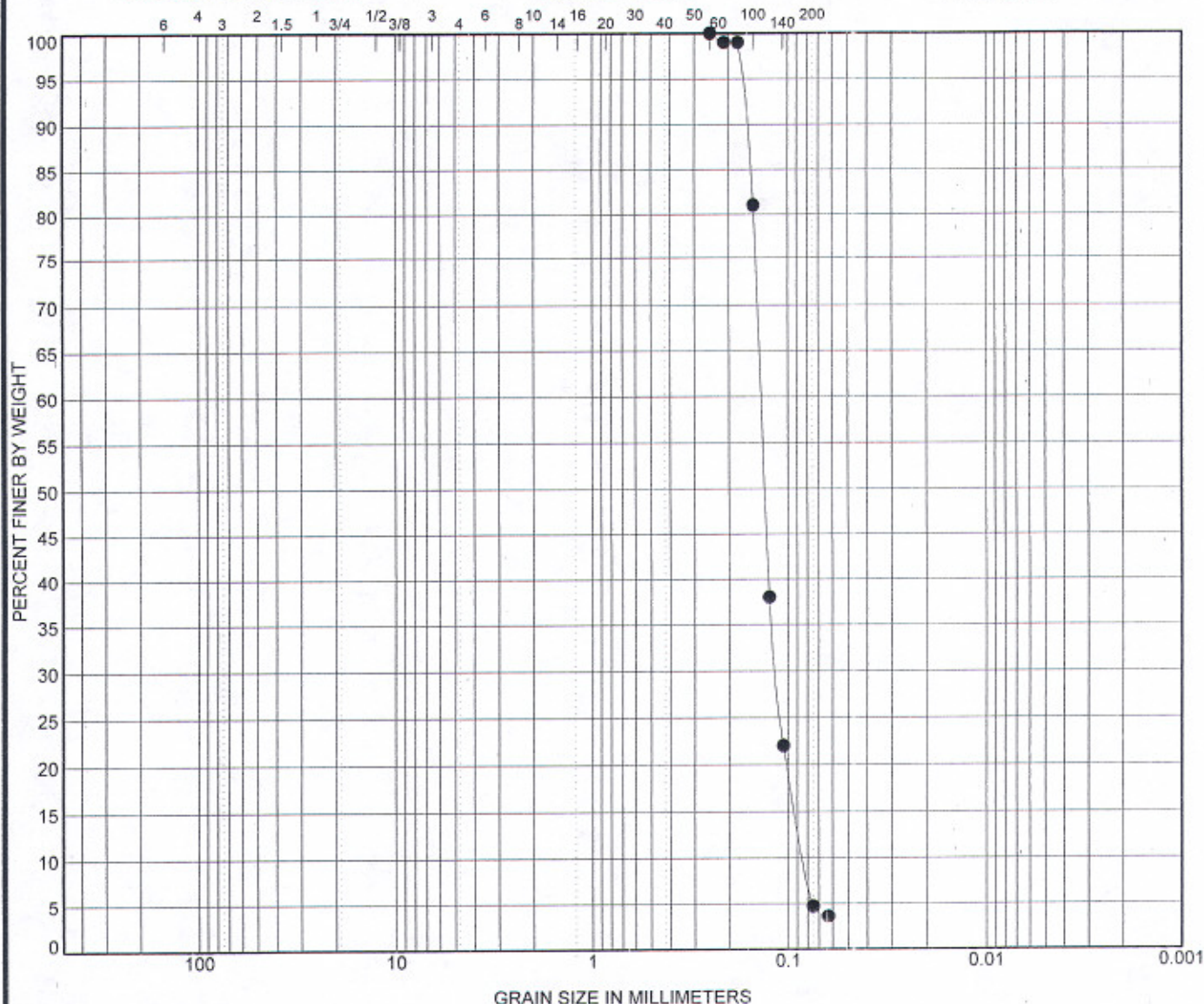
GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2
Location: W. Galveston Bay; Freeport, Texas
Number: G106505

U.S. SIEVE OPENING IN INCHES

U.S. SIEVE NUMBERS

HYDROMETER



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● C-08 7.5	POORLY GRADED SAND(SP)				1.16	1.65

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● C-08 7.5	0.25	0.137	0.115	0.083	0.0	95.3	4.7	



Rock Engineering & Testing Laboratory
 4910 Neptune Street
 Corpus Christi, TX 78405
 Telephone: 361-883-4555
 Fax: 361-883-4711

GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2
 Location: W. Galveston Bay; Freeport, Texas
 Number: G106505

