	BORING C10		BORING C11		
SIEVE SIZE	**2.5'-5'**	**7.5'-10'**	**0-2.5'**	**5'-7.5'**	**10'-12.5'**
#10	100	100	100	100	99
#20	100	100	100	100	98
#40	100	100	100	100	98
#60	100	100	99	99	97
#70	99	99	99	98	96
#80	98	98	97	95	92
#100	72	75	73	70	61
#120	36	43	37	32	23
#140	15	25	21	17	12
#200	3.5	9.4	8.5	3.7	3.6
#230	2.7	7.0	7.2	2.8	3.2
Color	2.5Y 2.5/1	2.5Y 5/1	2.5Y 3/2	2.5Y 5/1	2.5Y 5/3
Description	Black	Gray	Vry. Dk. Gray Brown	Gray	Lt Olive Brown

	BORING C12		BORING C13	
SIEVE SIZE	**2.5'-5'**	**7.5'-10'**	**0-2.5'**	**5'-7.5'**
#10	100	97	100	100
#20	100	94	100	100
#40	99	92	99	100
#60	99	89	99	100
#70	97	83	98	99
#80	91	74	91	98
#100	52	40	41	73
#120	20	19	15	42
#140	11	11	8	26
#200	4.6	4.2	3.9	11.7
#230	4.2	3.9	3.5	9.3
Color	2.5Y 4/1	2.5Y 5/2	2.5Y 3/1	2.5Y 4/1
Description	Dk. Gray	Gray Brown	Vry. Drk. Gray	Dk. Gray

LOG OF BORING C-13

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: 9/2206 - 9/2206

DRILLING METHOD(S):
Disturbed Samples

GROUNDWATER INFORMATION:
Boring Performed in water aproximately 2 to 3 feet in depth.

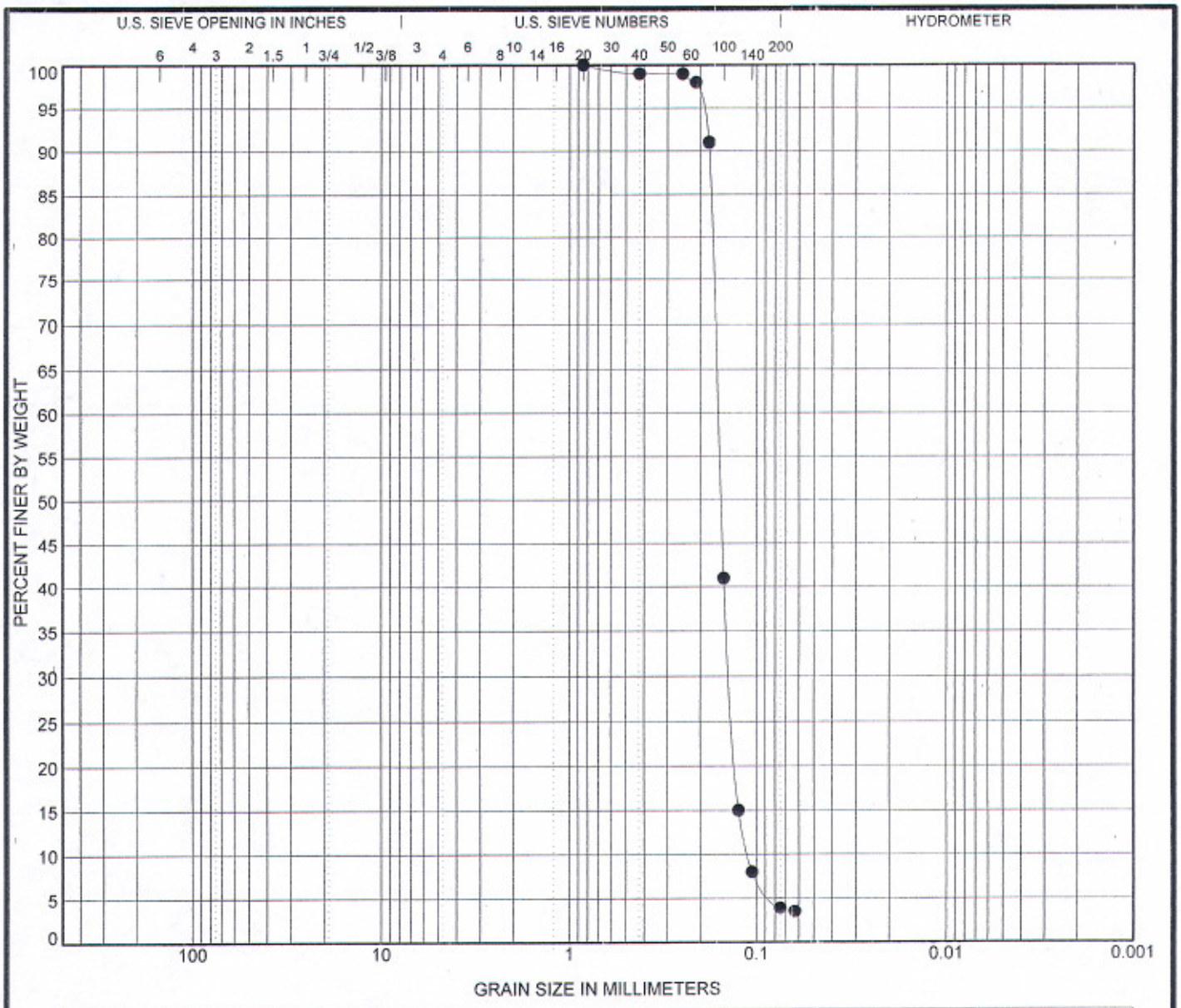
SURFACE ELEVATION: N/A

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 LIQUID LIMIT LL	ATTERBERG LIMITS PLASTIC LIMIT PL	ATTERBERG LIMITS PLASTICITY INDEX PI	DRY DENSITY POUNDS/CU.FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)	DESCRIPTION OF STRATUM
	1	UNDIS S-1									4	**POORLY GRADED SAND** 2.5Y 3/1 very dark gray.
	2											
	3											Same as above, 2.5Y 2.5/1 black.
	4	UNDIS S-2										
	5											**SILTY SAND**, 2.5Y 4/1 dark gray.
	6	UNDIS S-3									12	
	7											Same as above, 2.5Y 3/1 very dark gray.
	8											
	9	UNDIS S-4										
	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 perfomred by RETL at N29.0841 deg W95.1345 deg.

LOG_OF_BORING G106505.GPJ ROCK_ETL.GDT 10/16/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-13	0.0	POORLY GRADED SAND(SP)				1.08	1.45

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-13	0.0	0.85	0.161	0.139	0.111	0.0	96.1	3.9	

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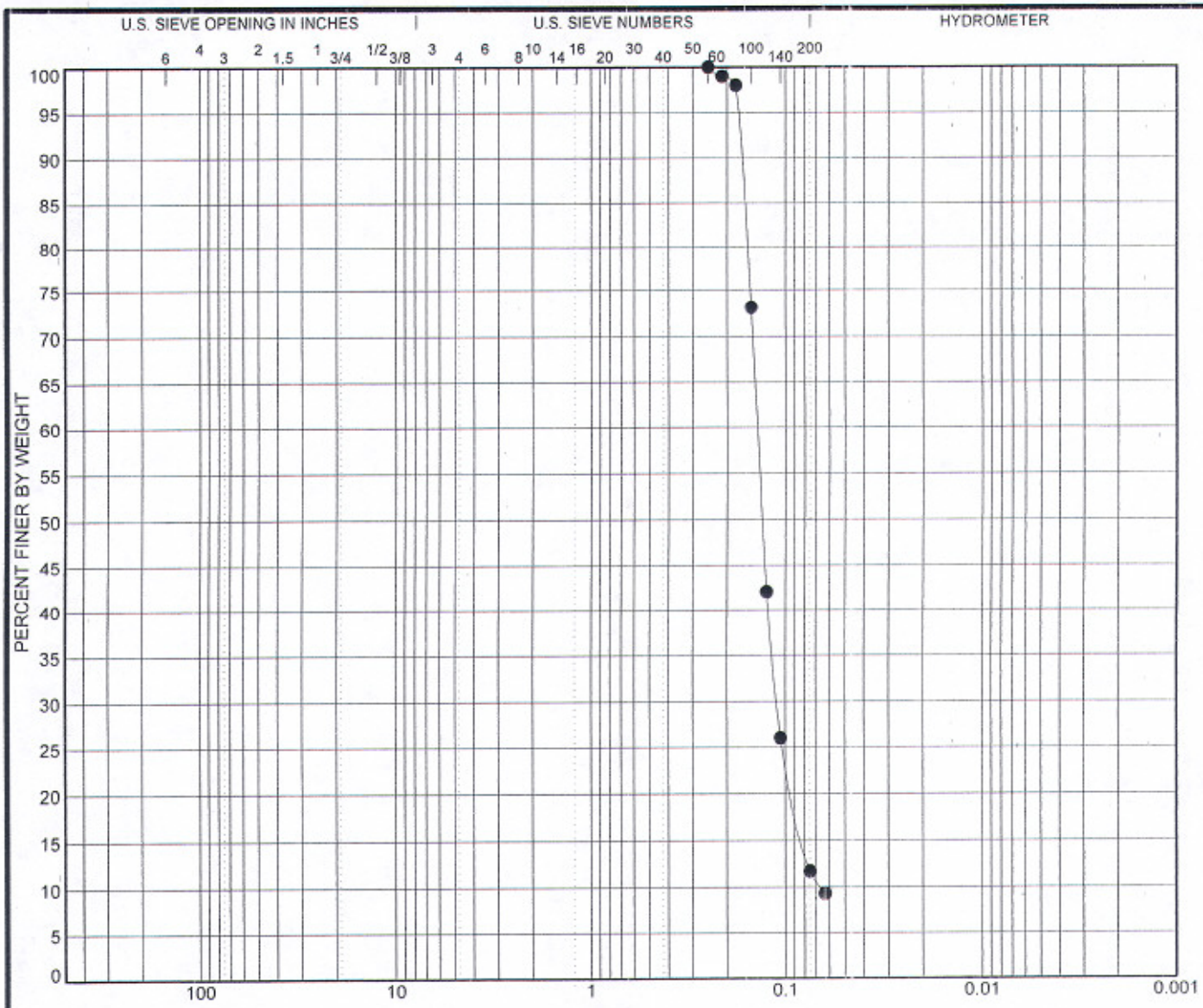
GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2

Location: W. Galveston Bay; Freeport, Texas

Number: G106505



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-13	5.0					1.32	2.10

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-13	5.0	0.25	0.139	0.11	0.066	0.0	88.3	11.7	

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GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2

Location: W. Galveston Bay; Freeport, Texas

Number: G106505

US GRAIN SIZE G106505.GPJ US LAB.GDT 10/17/06