LOG OF BORING C-05

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 aproximately 2 to 3 feet in depth.

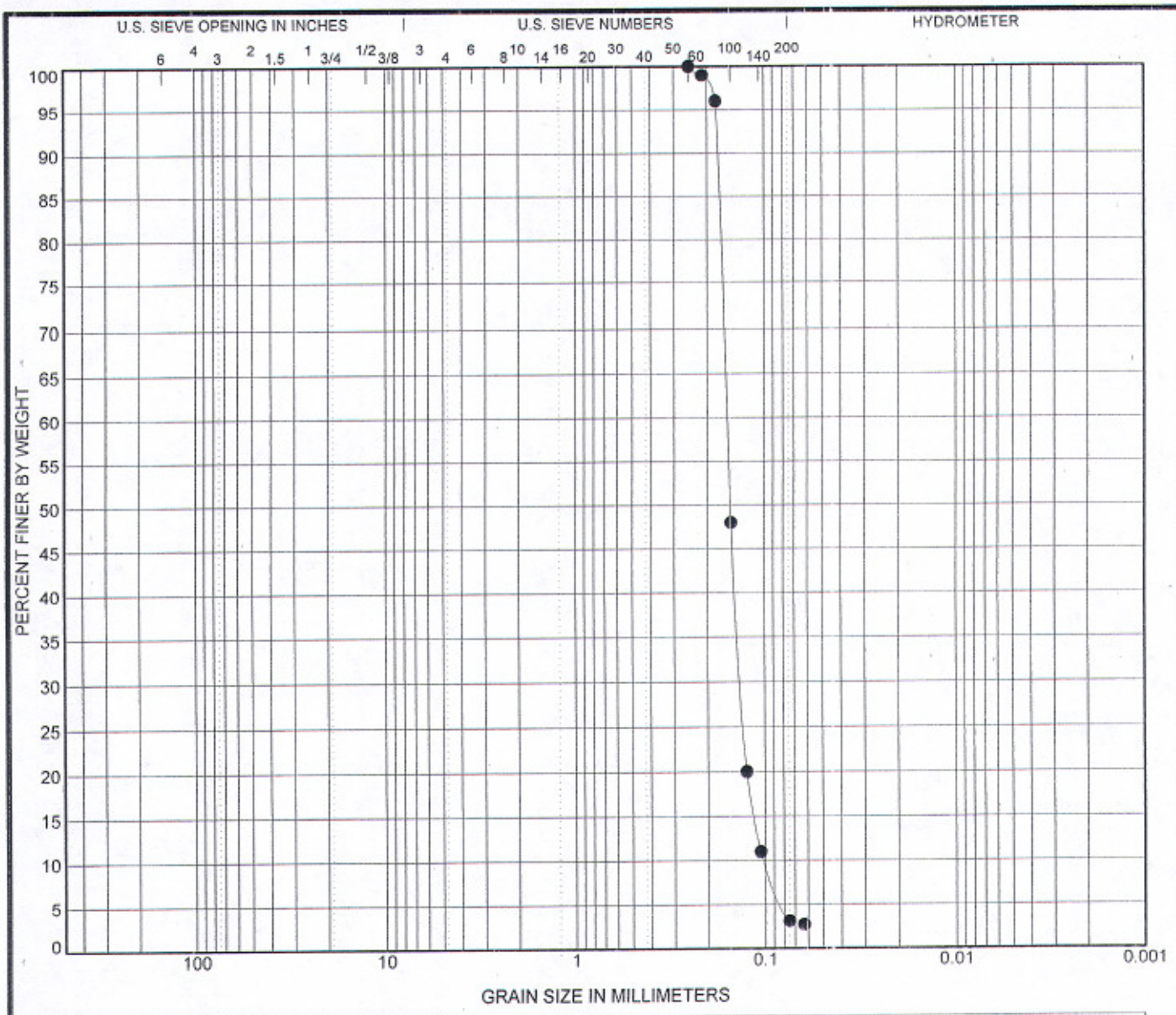
SURFACE ELEVATION: N/A

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									3	**POORLY GRADED SAND**, 2.5Y 4/2 dark gray brown.
	2											
	3											Same as above, 2.5Y 5/3 light olive brown.
	4	UNDIS S-2										
	5											Same as above, 2.5Y 4/2 dark brown gray.
	6	UNDIS S-3									5	
	7											
	8											**POORLY GRADED SAND**, 2.5Y 5/2 gray brown.
	9	UNDIS S-4										
	10											Same as above, 2.5Y 6/2 light brown gray.
	11	UNDIS S-5									4	
	12											
	13											Same as above, 2.5Y 4/1 dark gray.
	14	UNDIS S-6										
	15											Boring terminated at a depth of 15' 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 N29.1027 deg W95.1284 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-05	0.0	POORLY GRADED SAND(SP)				1.12	1.55

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-05	0.0	0.25	0.157	0.133	0.101	0.0	96.9	3.1	

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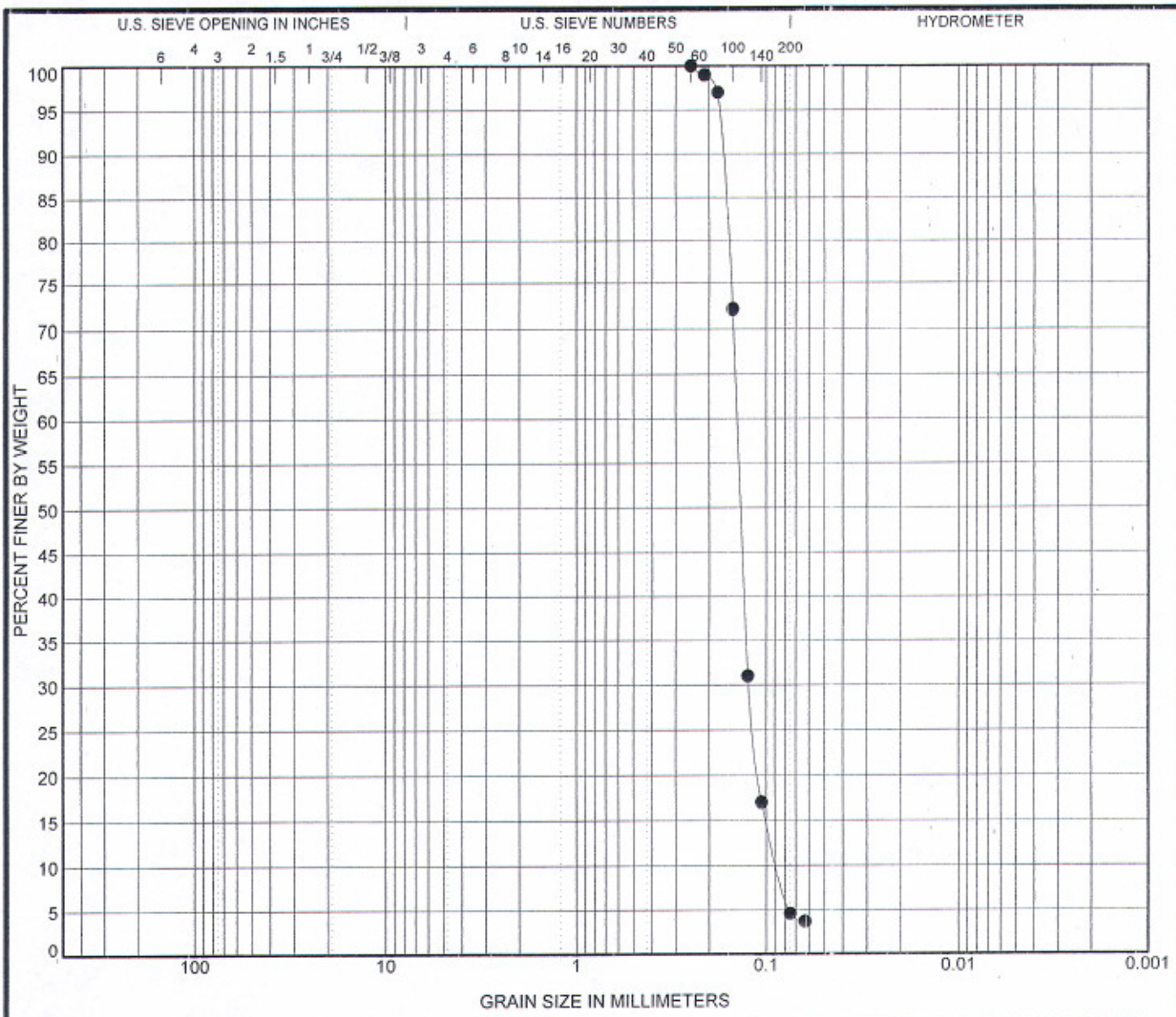
GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2

Location: W. Galveston Bay; Freeport, Texas

Number: G106505

US_GRAIN_SIZE G106505.GPJ US_LAB.GDT 10/17/08



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-05	5.0	POORLY GRADED SAND(SP)				1.23	1.63

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-05	5.0	0.25	0.142	0.124	0.087	0.0	95.4	4.6	

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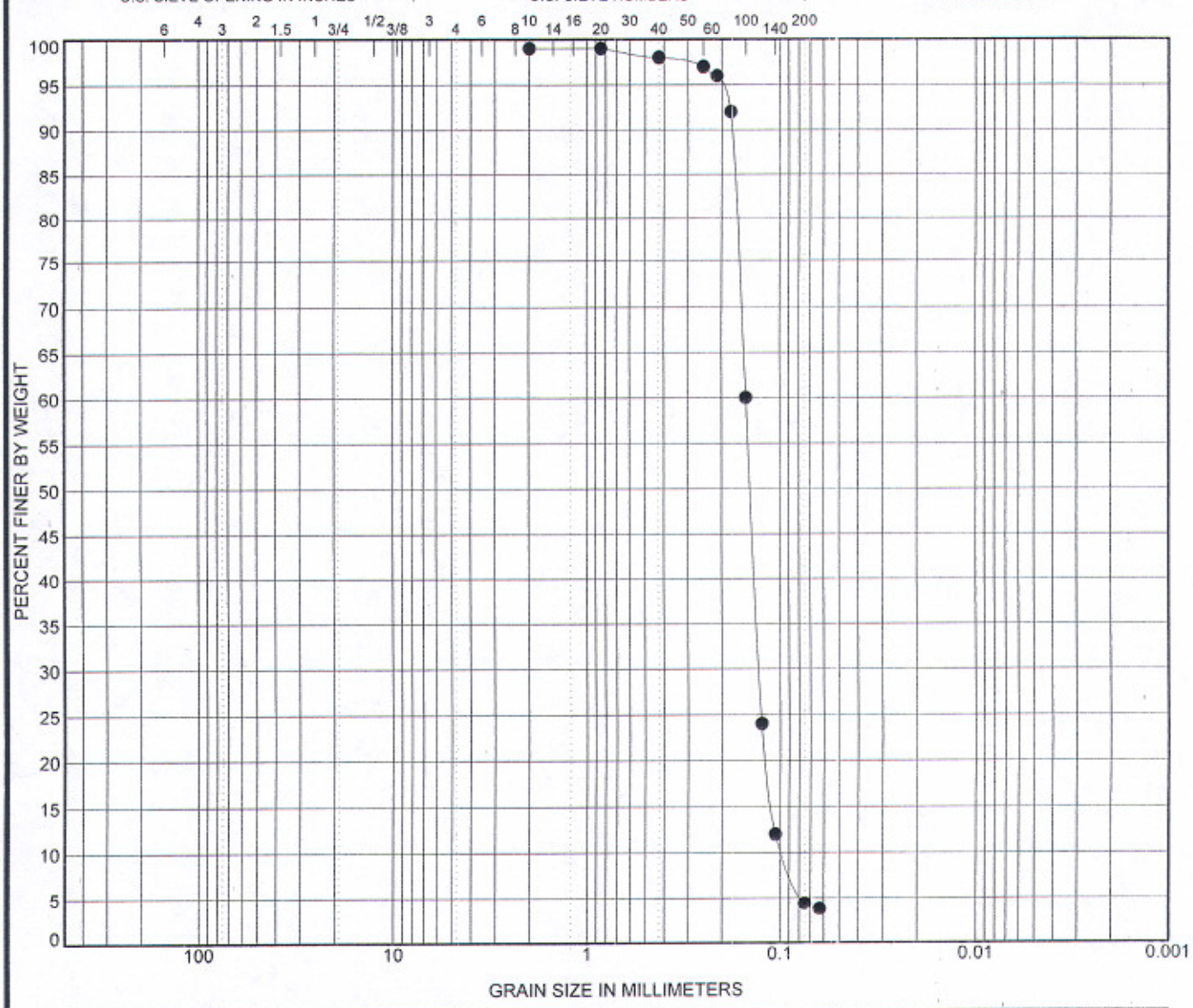
US_GRAIN_SIZE_G106505.GPJ US_LAB.GDT 10/17/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-05	10.0	POORLY GRADED SAND(SP)				1.14	1.55

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-05	10.0	2	0.15	0.129	0.097	0.0	94.6	4.4	

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US_GRAIN SIZE_G106505.GPJ US_LAB.GDT 10/17/06