LOG OF BORING C-08

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.

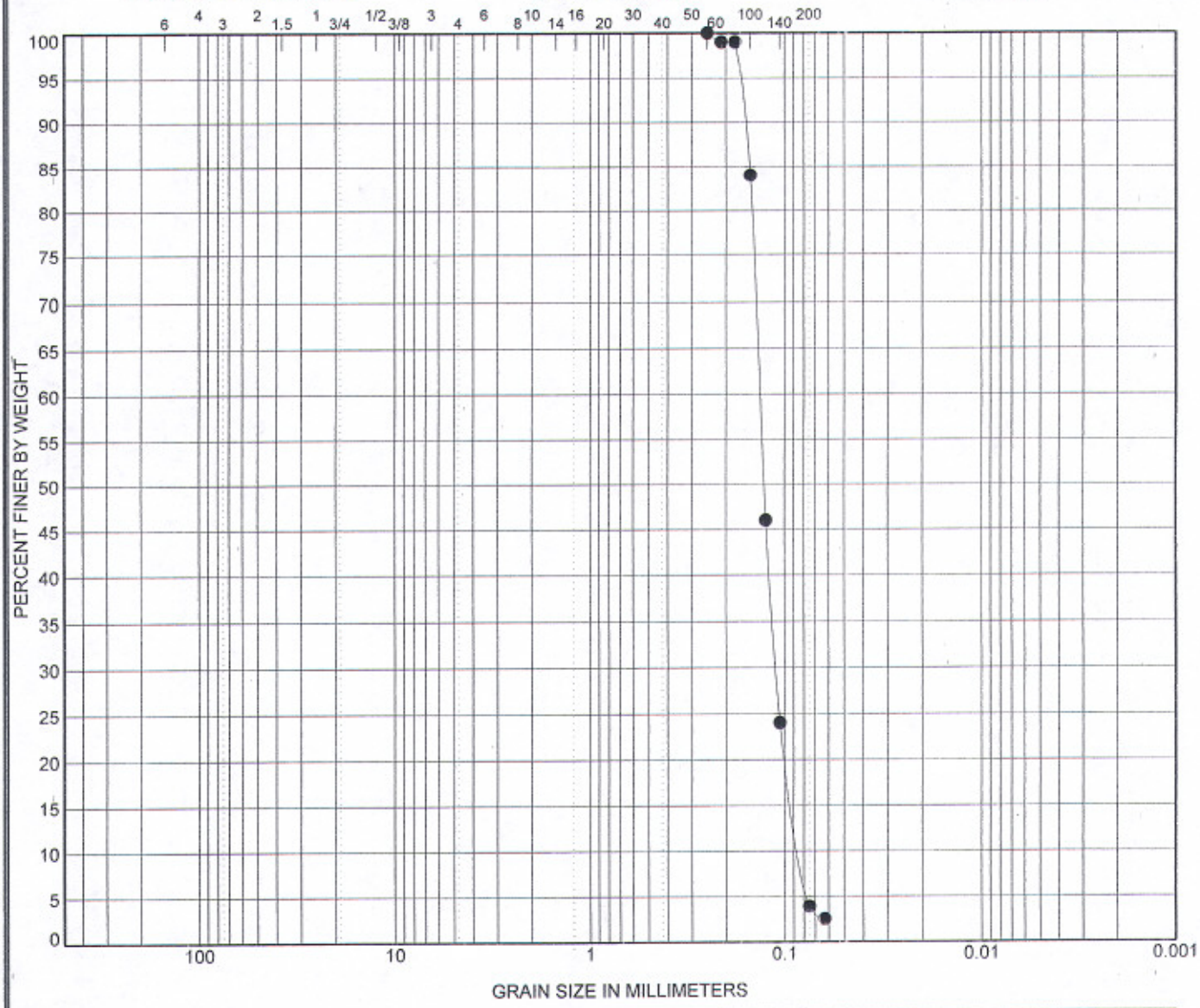
SURFACE ELEVATION: N/A

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	UNDIST S-1										**POORLY GRADED SAND**, 2.5Y 5/3 light olive brown.
	2											
	3											Same as above, 2.5Y 5/2 gray brown.
	4	UNDIST S-2									4	
	5											Same as above, 2.5Y 5/2 gray brown.
	6	UNDIST S-3										
	7											
	8											**POORLY GRADED SAND**, 2.5Y 5/3 light olive brown.
	9	UNDIST S-4									5	
	10											Same as above, 2.5Y 3/2 very dark gray brown.
	11	UNDIST S-5										
	12											
	13											Same as above, 2.5Y 5/1 gray.
	14	UNDIST S-6									4	
	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 N291012 deg W95.1165 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-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	

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GRAIN SIZE DISTRIBUTION

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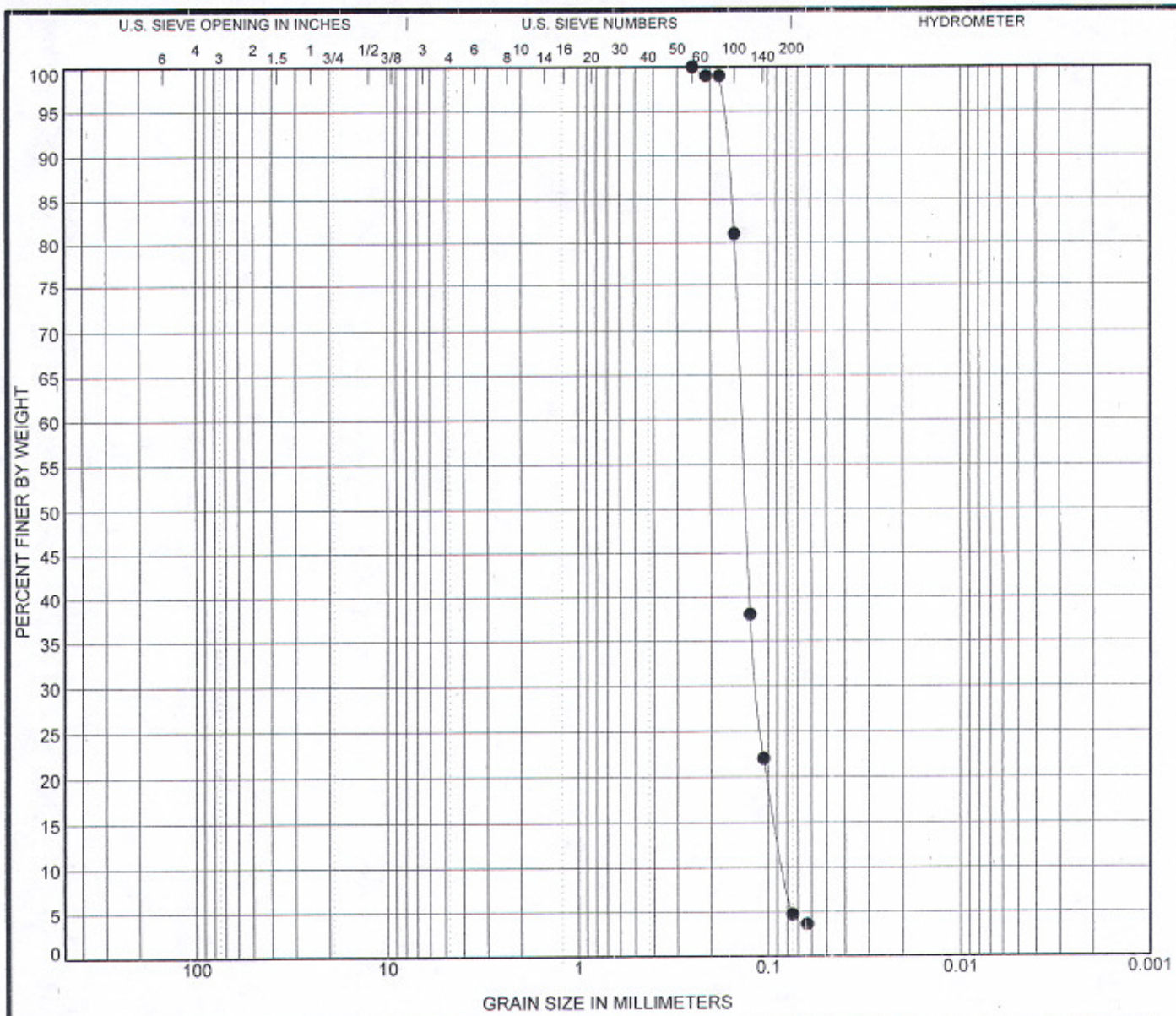

COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	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	

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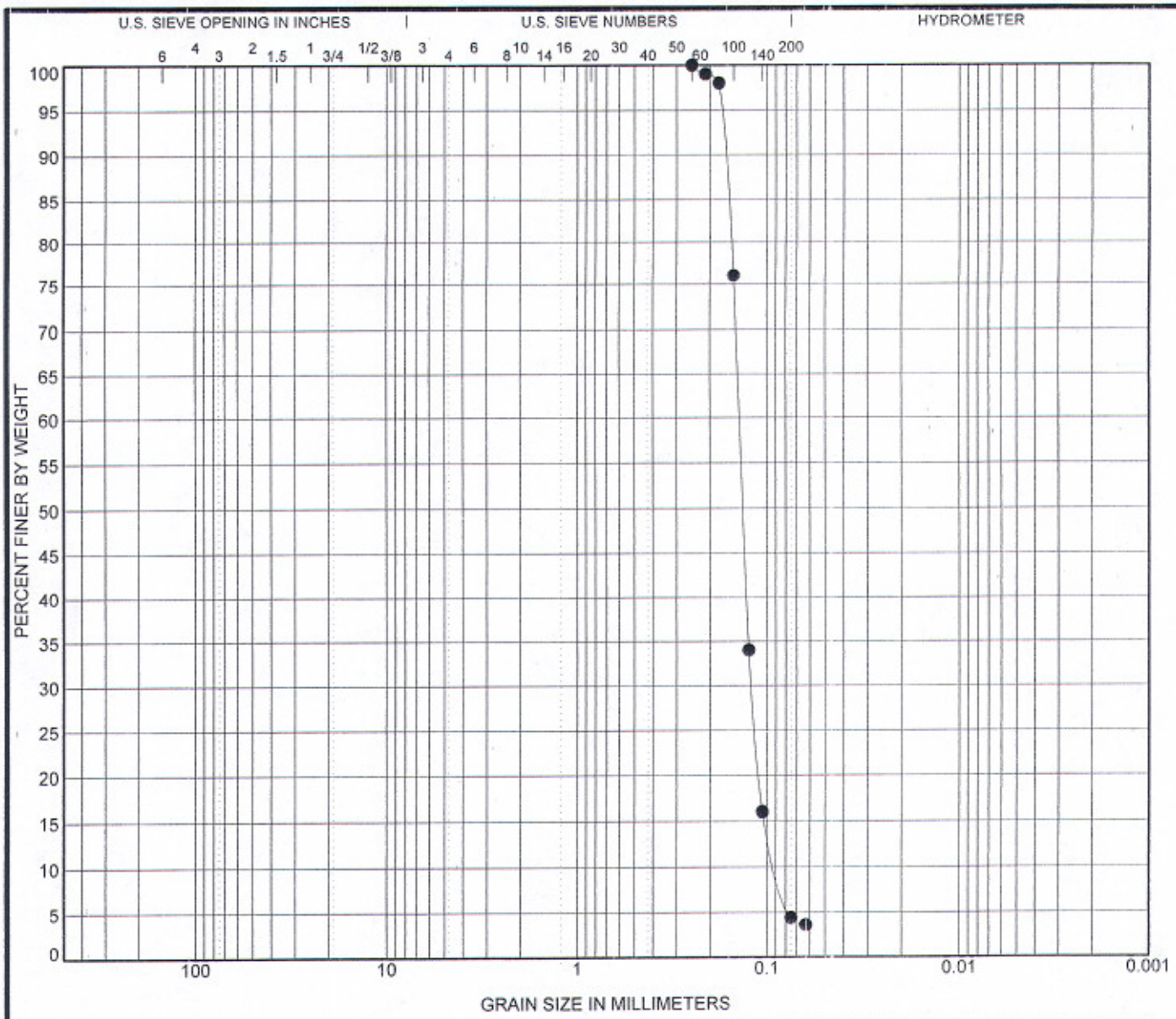
US GRAIN SIZE G106505.GPJ US_LAB.GDT 10/17/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-08	12.5	POORLY GRADED SAND(SP)				1.17	1.58

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-08	12.5	0.25	0.14	0.121	0.089	0.0	95.6	4.4	

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US_GRAIN_SIZE G106505.GPJ US_LAB.GDT 10/17/06