LOG OF BORING C-11

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 4 to 5 feet in depth.

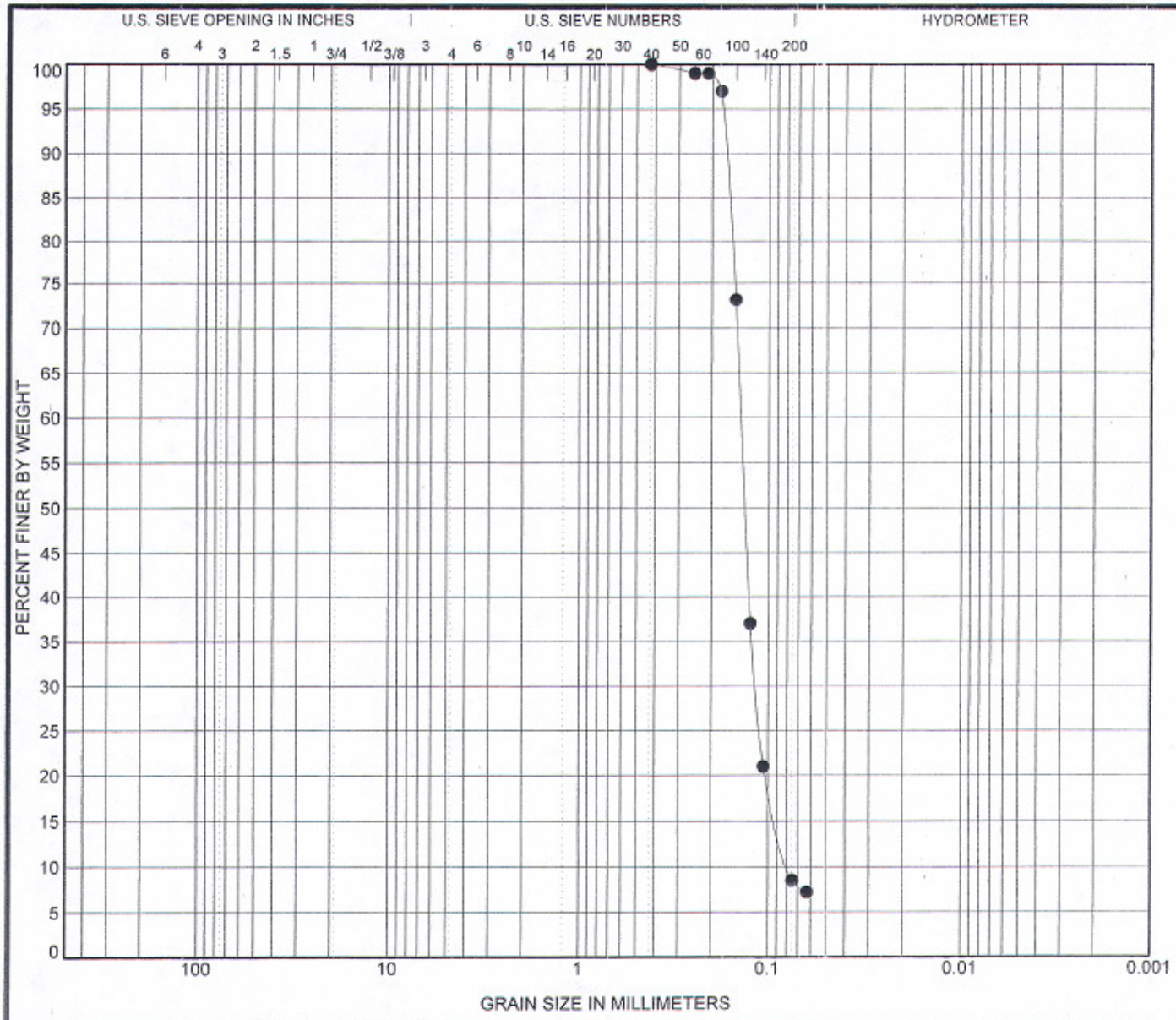
SURFACE ELEVATION: N/A

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									9	POORLY GRADED SAND, 2.5Y 3/2 very dark gray brown.
	2											
	3											Same as above, 2.5Y 5/1 gray.
	4	UNDIS S-2										
	5											Same as above, 2.5Y 5/1 gray.
	6	UNDIS S-3									4	
	7											
	8											POORLY GRADED SAND, 2.5Y 4/1 dark gray.
	9	UNDIS S-4										
	10											Same as above, 2.5Y 5/3 light olive brown.
	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 N29.1106 deg W95.1341 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-11	0.0					1.23	1.80

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-11	0.0	0.425	0.14	0.116	0.078	0.0	91.5	8.5	

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GRAIN SIZE DISTRIBUTION

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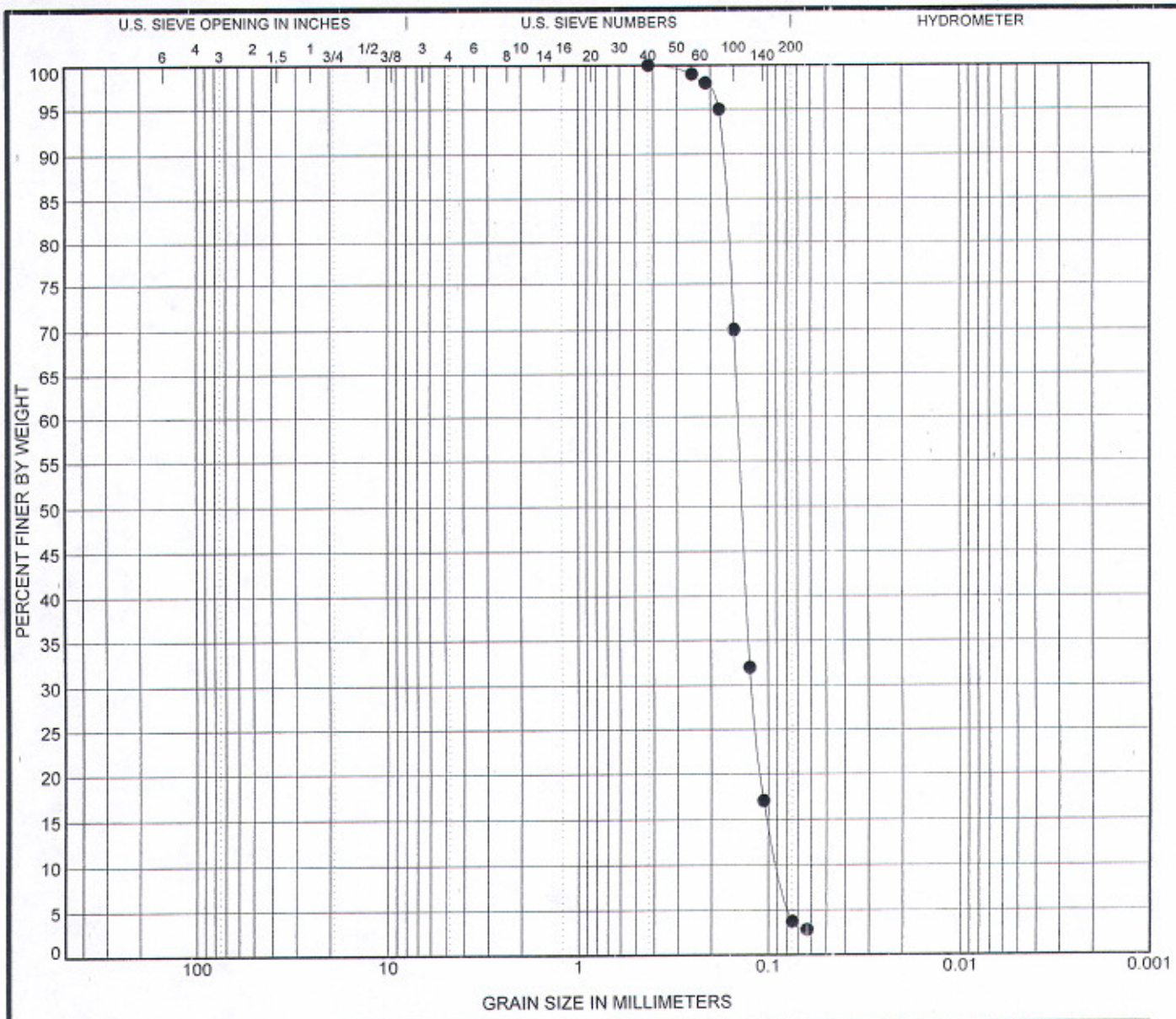
Location: W. Galveston Bay; Freeport, Texas

Number: G106505

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-11	5.0	POORLY GRADED SAND(SP)				1.18	1.62

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-11	5.0	0.425	0.143	0.122	0.088	0.0	96.3	3.7	

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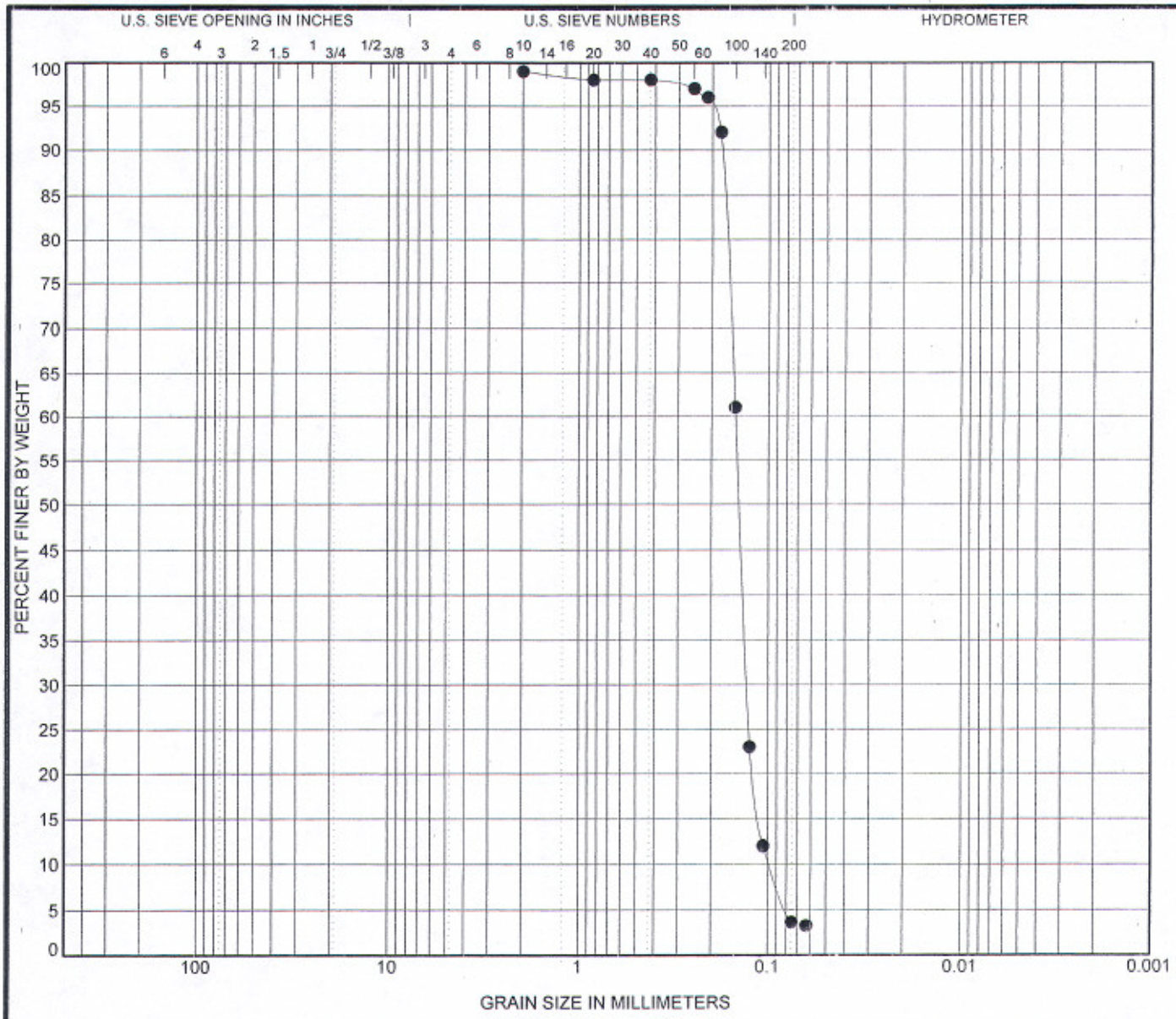
US GRAIN SIZE G106505.GPJ US LAB.GDT 10/17/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	LL	PL	PI	Cc	Cu
●	C-11	10.0	POORLY GRADED SAND(SP)				1.15	1.53

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	C-11	10.0	2	0.149	0.129	0.098	0.0	95.4	3.6	

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