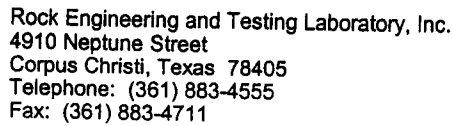


SHEET 1 of 1



CLIENT: Pacific International Engineering, PLLC
PROJECT: Piper Channel Jetty Modification Project
LOCATION: Port Aransas, Texas
NUMBER: C0200598

DATE(S) DRILLED: 10/10/02 - 10/10/02

DRILLING METHOD(S):
Hand Auger

GROUNDWATER INFORMATION:

Groundwater (GW) encountered @ 9" during drilling operations.
GW @ 1' and boring caved @ 3' immediately after completion of drilling operations.

SURFACE ELEVATION: N/A

[illegible]

POORLY GRADED SAND, brown, moist, loose.

same as above.

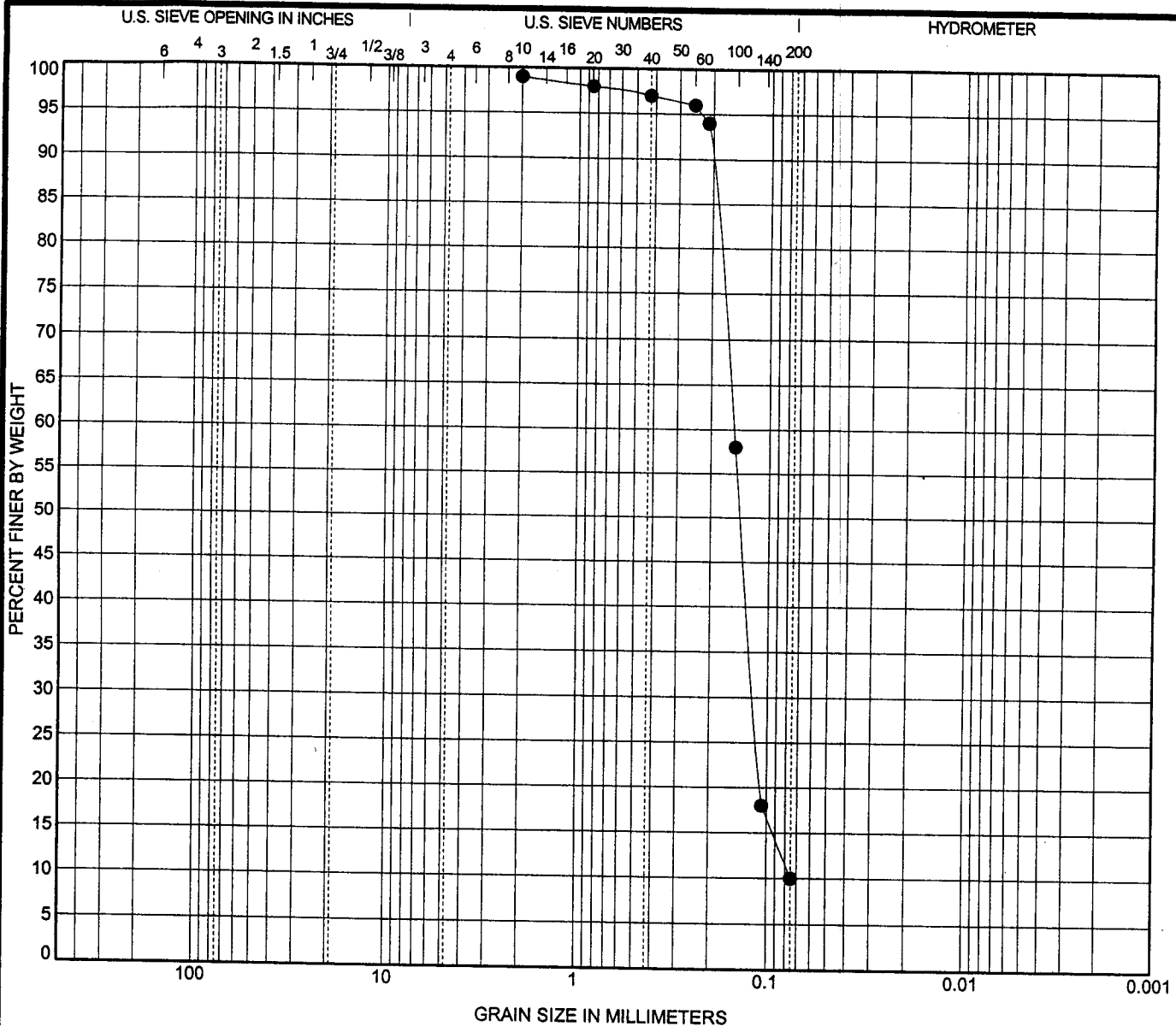
Same as above, with shell.

Boring terminated at a depth of 3-feet due to soils sloughing off into boring.

REMARKS:

Sample location was determined by Pacific International Engineering, PLLC and drilling operations were performed by RETL.

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
● B-5 0.0					1.21	2.04

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● B-5 0.0	2	0.153	0.118	0.075	0.0	89.0	10.0	



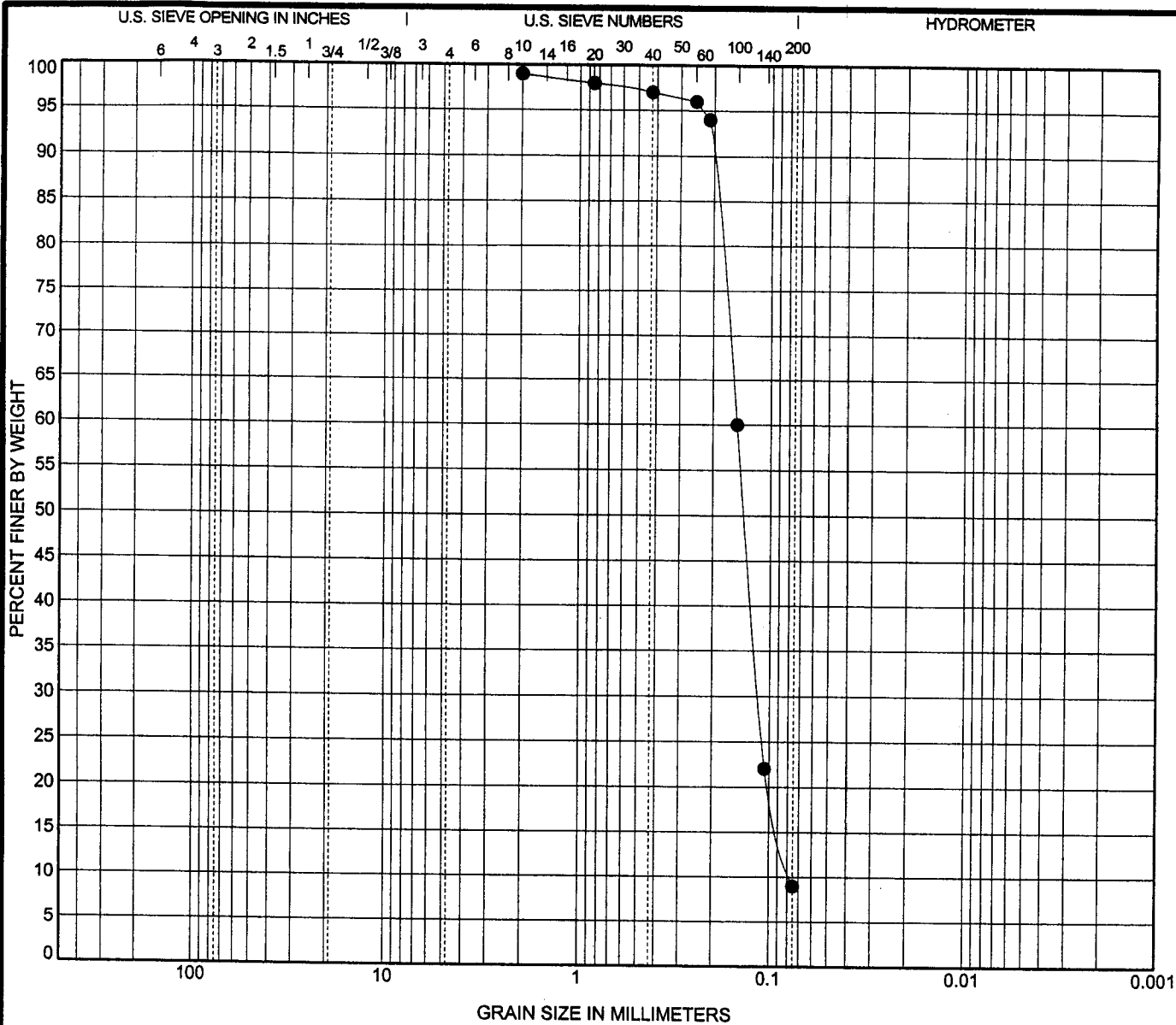
Rock Engineering and Testing Laboratory, Inc.
4910 Neptune Street
Corpus Christi, Texas 78405
Telephone: (361) 883-4555
Fax: (361) 883-4711

GRAIN SIZE DISTRIBUTION

Project: Piper Channel Jetty Modification Project

Location: Port Aransas, Texas

Number: C0200598



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● B-5 1.0					1.13	1.95

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● B-5 1.0	2	0.15	0.114	0.077	0.0	90.0	9.0	



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