

U.S. ARMY CORPS OF ENGINEERS

DEPTH, FEET	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	BORING NO. <u>99-20</u> DATE: BEGIN <u>4-21-99</u> PAGE <u>1 11</u>				JOB NO. <u>1140114808</u> COMPLETE <u>4-21-99</u> Thin Walled Tube	
			PROJECT <u>Neches River Saltwater Barrier</u>	LOCATION <u>N=875703.32, E=3543164.61</u>	ELEVATION OF HOLE <u>-4.7</u>	MANUFACTURER'S DESIGNATION OF DRILL RIG <u>DNR75 with Barge</u>	GROUNDWATER: DEPTH <u>*</u> ft., ELEV. <u></u> ft., at end of Drilling	WEATHER <u>Sunny</u>
			COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS	
0	1	3 ₂	Gray	Sand	loose	silt	* 5'-2" of water	
5	2	5 ₇ 9	Brown	Sand	M. Dense	silt	* set to casing total casing below Mudline 2'	
10	3	4 ₈ 11	Brown	Sand	M. Dense		- add 5 more foot of casing Total casing below mud line 4'	
15	4	8 ₁₅ 21	Brown	Sand	Dense		- w/ gravel	
	5	3.00	Yellowish Brown	Clay	V. stiff	silt	- w/ Fer stains	
20	6	3.00	Brown & Gray	Clay	V. stiff		- w/ Fer staining, SLKS	
25								
30								
35								

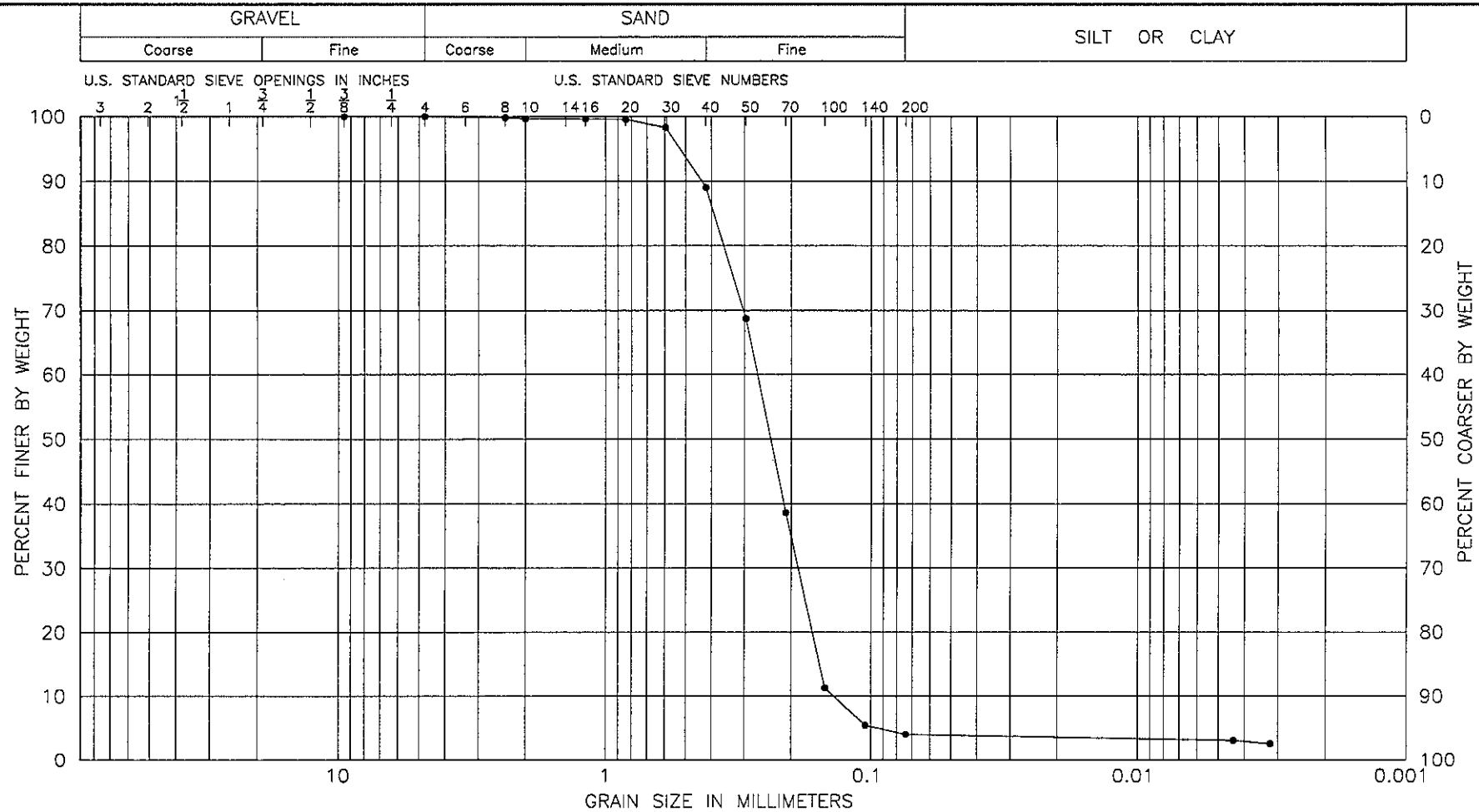
Mudline

(23)

SUMMARY OF LABORATORY TEST RESULTS

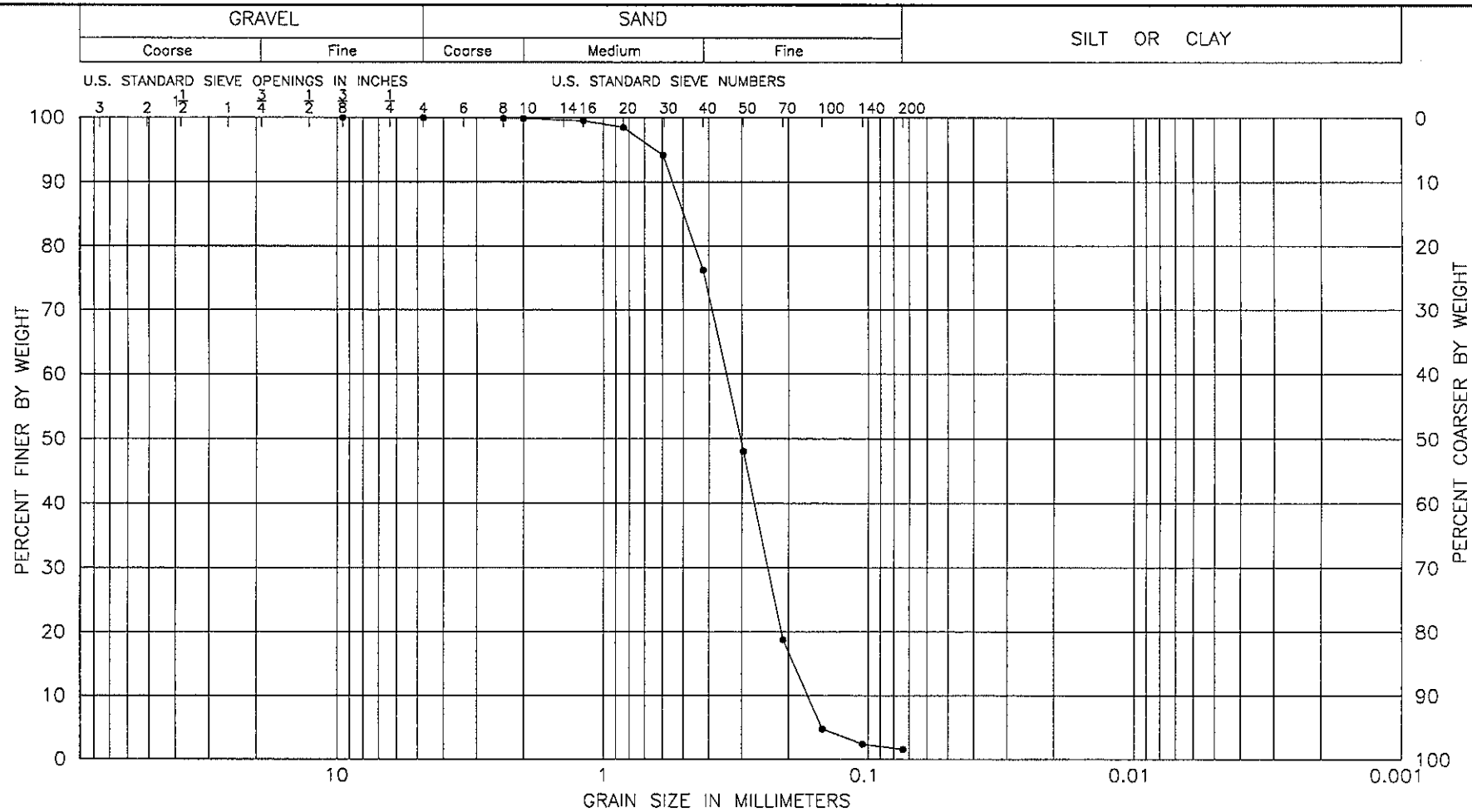
Boring No. 99-20

S #: Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of Pipe



LEGEND	BORING NO.	SAMPLE NO.	DEPTH FT.	SAMPLE DESCRIPTION
•••••	99-20	2	3.5-5	Sand, medium dense, brown

GRAIN SIZE DISTRIBUTION CURVES



LEGEND	BORING NO.	SAMPLE NO.	DEPTH FT.	SAMPLE DESCRIPTION
•••••	99-20	4	13.5-15	Sand, dense, brown

GRAIN SIZE DISTRIBUTION CURVES