

LOG OF BORING NO. REV-5

Sheet 1 of 1



Geotech Engineering and Testing
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PROJECT: Reconstruction of County Road 257

LOCATION: Brazoria County, Texas

PROJECT NO.: 08-638E

STATION NO.:

DATE: 11-18-08

COMPLETION DEPTH: 30.0 ft.

DEPTH, ft	SPT N-VALUE blows per foot	OVN, ppm	SYMBOL	SAMPLES	DESCRIPTION	NATURAL MOISTURE CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX, %	PERCENT PASSING NO. 200 SIEVE	SUCTION (pF)	DRY UNIT WEIGHT, pcf	PERCENT COMPACTION	PASSING/FAILING (P/F)	UNDRAINED SHEAR STRENGTH, tsf
0					ELEVATION: Existing Grade										
11					SAND (SP), medium dense, brown, with shell fragments, moist	13				7					
11															
5					- wet below 5'	24				4					
11					- brown, gray 6' to 10'										
12						20									
8					- loose, with clay pockets 8' to 10'	28									
10					SILTY SAND (SM), very loose, greenish gray, with shell fragments, wet										
15						26				22					
15					FAT CLAY (CH), very soft, reddish brown, wet										
1						58	75	23	52						
20															
4						46									
25					CLAYEY SAND (SC), greenish gray, with shell fragments, wet										
20					- medium dense, with sand seams 28' to 30'	37	29	15	14						
30															

WATER OBSERVATIONS:

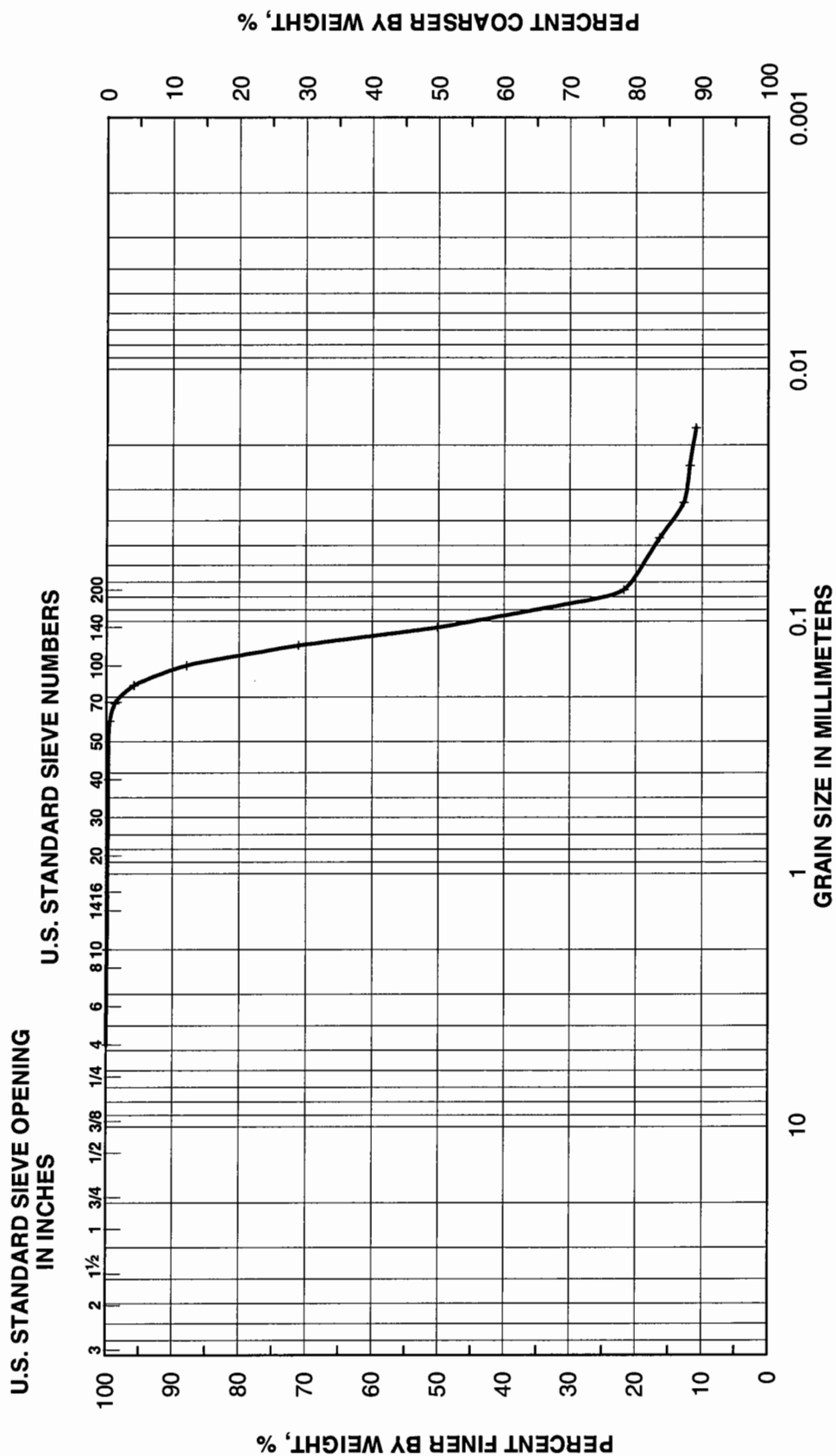
▽ : WATER ENCOUNTERED AT 5.0 ft. DURING DRILLING.

▼ : WATER DEPTH AT 5.0 ft. AFTER 0.33 HOUR

DRY AUGER: 0 TO 5 ft.
WET ROTARY: 5 TO 30 ft.

DRILLED BY: GET
LOGGED BY: Richard

OVM2 08-638E GPJ OVM.GDT 2/17/09



GRAVEL		SAND		SILT OR CLAY
Coarse	Fine	Coarse	Fine	

USCS Soil Classification: Silty Sand (SM)

GRAIN SIZE DISTRIBUTION CURVES FOR REV-5, 13'-15'

$D_{50} = 0.11 \text{ mm}$

Report No. 08-638E