

# LOG OF BORING NO. RB-1

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: 11-16-08 COMPLETION DEPTH: 30.0 ft.

DEPTH, ft	SPT N-VALUE blows per foot	OVM, 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										▲ HAND PENETROMETER
					FILL: FAT CLAY (CH), soft, gray, with shell, moist	12	53	19	34						■ TORVANE
					FILL: SILTY SAND (SM), loose, light gray, with shell, moist	14									● UNCONFINED COMPRESSION
1					FILL: CLAYEY SAND (SC), very loose, brown, gray, with shell, moist	14				15					○ UNCONSOLIDATED-UNDRAINED TRIAXIAL
5					FILL: LEAN CLAY (CL), soft, light brown, with shell, moist	19	29	15	14						0.5 1.0 1.5 2.0 2.5
11					SILTY SAND (SM), medium dense, light brown, gray, with shell fragments, wet	29				17					
10					- very loose 8' to 10'										
					CLAYEY SAND (SC), very loose, light brown, with sand seams, shell fragments, wet										
15					FAT CLAY (CH), very soft, reddish brown, with shell fragments, wet	53									
20						34									
25						42									
30					- very stiff 28' to 30'	36	58	20	38			98			

**WATER OBSERVATIONS:**

▽ : WATER ENCOUNTERED AT 4.5 ft. DURING DRILLING.  
 ▼ : WATER DEPTH AT 4.5 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