

BORING LOG NO. A-16

CLIENT: **United States Army Corps of Engineers
Galveston, Texas**

PROJECT: **Contract W912HY-09-D-0021
Addicks and Barker Dams, TO-14**

BORING LOCATION: **N: 13852640.128
E: 3040144.391**

SITE: **Addicks and Barker Reservoirs
Houston, Texas**

Graphic Log	DESCRIPTION	DEPTH, FEET	SAMPLES						TESTS								
			USCS SYMBOL	TYPE	RECOVERY, IN	SPT, BLOWS/FT	CALIBRATED HAND PENETROM., TSF	TORVANE, TSF	MOISTURE CONTENT, %	DRY DENSITY, PCF	LIQUID LIMIT, %	PLASTIC LIMIT, %	PLASTICITY INDEX	MINUS #200 SIEVE, %	COMPRESSIVE STRENGTH, TSF	FAILURE STRAIN, %	CONFINING PRESSURE, PSI
Approx. Surface Elevation: 86.7 feet																	
84.7	SANDY SILT brown, very loose, non-plastic, moist	2.0	ML														
		1	SS	16	3			16									
		2	CH														
		3	SS	17	8			24	100	55	16	39	61				
		4															
		5	ST	12		2.25		17									
		6															
		7	ST	9		4.5		12				63					
		8															
		9	SS	16	24			10									
		10															
76.7	Boring terminated at 10 feet.	10.0															

STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES. IN SITU, THE TRANSITION BETWEEN STRATA MAY BE MORE GRADUAL.

REMARKS: **Dry augered to 10 feet.**

WATER LEVEL OBSERVATIONS	
▽	▽
▽	▽
FREE WATER WAS NOT OBSERVED DURING DRY DRILLING OPERATIONS	



DATE DRILLED 9/26/2012
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EXHIBIT A-19