

BORING LOG NO. A-14

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

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

BORING LOCATION: **N: 13852668.852
E: 3039240.775**

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: 86.3 feet																	
83.3	SILTY SAND brown and gray, very loose to loose, non-plastic, dry	3.0	SM	ST	6			16									
76.3	SANDY LEAN CLAY brown, gray, and reddish brown, stiff to very stiff, medium plasticity, dry, with sand fissures	10.0	CL	SS	10	4		23									
				ST	21		3.0	14	116	32	13	19	50				
				SS	11	9											
				ST	16		1.75	15									
72.3	CLAYEY SAND light gray and brown, medium dense, medium plasticity, wet, with sand pockets	14.0	SC	ST	14		1.75	15	115	26	13	13	44				
				ST	5		3.5										
64.3	SILTY SAND light gray, medium dense, non-plastic, fine-grained, wet	22.0	SM	SS	10	19		21				20					
				SS	16	28											
				SS	12	26		23				15					
				SS	13	23											
60.3	FAT CLAY reddish brown and light gray, stiff to very stiff, high plasticity, moist, with slickensides	26.0	CH	SS	18	15		35									
				ST	13		3.5										

Continued Next Page

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

REMARKS: **Dry augered to 12 feet; wet rotary thereafter.**

WATER LEVEL OBSERVATIONS

▽ 12 ft	WD	▽ 12 ft	at 5 min
▽ 11.5 ft	at 10 min	▽ 11 ft	at 15 min



DATE DRILLED

9/25/2012

PROJECT NUMBER

92125125

Page 1 of 2

A-14

EXHIBIT A-17

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	Approx. Surface Elevation: 86.3 feet																
	SILTY CLAY reddish brown, very soft to stiff, low plasticity, moist, with silt seams	27	CL- ML	ST	11			25									
		28															
	56.3	29	SS		16	13											
	30.0	30															
	Boring terminated at 30 feet.																

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Page 2 of 2

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