

DESCRIPTION	REVISIONS	DATE

BORING LOG NO. B-2

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PROJECT: Bridge 181A over Little Deep Fork Creek **CLIENT:** Guy Engineering
SITE: Creek County, Oklahoma

DEPTH (FT.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS	UNCONFINED COMPRESSIVE STRENGTH (psf)	WATER CONTENT (%)	ATTERBERG LIMITS		PERCENT FINES
							LL-PL-PI		
23.5		CLAYEY SAND (SC), grayish-brown, loose (continued)							
25		SILTY SAND (SM), brownish-gray, loose to medium dense	18	2-2-2 N=4		21	NP		36
30			18	2-1-2 N=3		23			
35			18	4-5-6 N=11		18			
40			18	6-8-10 N=18		17			

Stratification lines are approximate. In-situ, the transition may be gradual. Hammer Type: Automatic
 *Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.

Advancement Method: Hollow Stem Auger to 33.5 feet; Wash Boring below 33.5 feet
 Abandonment Method: Backfilled with cuttings above 4'; grouted 4' to 14'; backfilled with cuttings from 14' to termination depth.
 See Exhibit A-3 for description of field procedures.
 See Appendix B for description of laboratory procedures and additional data (if any).
 See Appendix C for explanation of symbols and abbreviations.

WATER LEVEL OBSERVATIONS	 9522 E 47th Pl, Ste D Tulsa, OK	Boring Started: 10/20/2016	Boring Completed: 10/20/2016
13.5 ft While Sampling		Drill Rig: ATV 945	Driller: KW
13 ft After Boring		Project No.: 04155168	Exhibit: A-5

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							LL-PL-PI		
45		SILTY SAND (SM), brownish-gray, loose to medium dense (continued)	18	3-6-10 N=16		20			
50		SHALE+ with sandstone seams, red and gray, soft to moderately hard	5	50/5" 50/3/8" 50/1/8"		12			
55				50/1/2" 50/1/8"					
60				50/7/16" 50/1/16"					

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Friday, July 28, 2017 10:14:46 AM V:\13-850 Br 181A Little Deep Fork Ck - Creek 3\CIV3D\PLANS\850-BORING LOGS.dwg

BR. 181A OVER LITTLE DEEP FORK CREEK COUNTY		Design	BSF	07/17
BRIDGE "A"		Detail	BLP	07/17
<p align="center">BORING LOGS SHEET 3 OF 5</p>		Check	JRW	07/17
		Squad	Eng. GUY	
STATE OF OKLAHOMA	GUY ENGINEERING SERVICES, INC.	JOB PIECE NO.	29407(04)	SHEET NO. B007