

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

GRAPHIC LOG	LOCATION See Exhibit A-2	DEPTH (ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS	UNCONFINED COMPRESSIVE STRENGTH (psf)	WATER CONTENT (%)	ATTERBERG LIMITS	PERCENT FINES
	Station: 62+15 Offset: 13' LT Surface Elev.: 814.7 (Ft.) ELEVATION (Ft.)								LL-PL-PI	
	<b>SHALE+</b> with sandstone seams, red and gray, soft to moderately hard (continued)	65				50/9/16" 50/1/8"				
	69.2 <b>Boring Terminated at 69.2 Feet</b> 745.5					50/1/2" 50/1/16"				

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEG SMART LOG-NO WELLS 04155168 BORE LOGS.GPJ

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

<b>WATER LEVEL OBSERVATIONS</b>		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

**BORING LOG NO. B-3**

Page 1 of 2

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

GRAPHIC LOG	LOCATION See Exhibit A-2	DEPTH (ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (in.)	FIELD TEST RESULTS	UNCONFINED COMPRESSIVE STRENGTH (psf)	WATER CONTENT (%)	ATTERBERG LIMITS	PERCENT FINES
	Station: 63+05 Offset: 8' RT Surface Elev.: 813.8 (Ft.) ELEVATION (Ft.)								LL-PL-PI	
	<b>LEAN CLAY (CL)</b> with sand, brown, stiff	4.0				5-5-8 N=13	12	28-18-10	76	
		5				7-5-3 N=8	9			
	<b>SILTY SAND (SM)</b> , light brown, loose	8.5				4-2-2 N=4	5	NP	43	
		10				3-3-2 N=5	11	NP	9	
	<b>POORLY GRADED SAND (SP)</b> , brown, loose	14.0				31-33-50/5"	12			
		15				50/1 3/8" 50/1 5/8"				
	<b>SANDSTONE+</b> , reddish-brown and gray, poorly cemented	20				50/2 5/16" 50/15/16"				

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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 23.5 feet; Wash Boring below 23.5 feet  
 See Exhibit A-3 for description of field procedures.  
 See Appendix B for description of laboratory procedures and additional data (if any).  
 Abandonment Method: Backfilled with cuttings above 4'; grouted 4' to 14'; backfilled with cuttings from 14' to termination depth.  
 See Appendix C for explanation of symbols and abbreviations.

<b>WATER LEVEL OBSERVATIONS</b>		Boring Started: 10/20/2016	Boring Completed: 10/20/2016
▽ 12 ft While Drilling		Drill Rig: ATV 945	Driller: KW
▽ 12 ft After Boring		Project No.: 04155168	Exhibit: A-6

Friday, July 28, 2017 10:14:56 AM V:\13-850 Br 181A Little Deep Fork Crk - 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	
<b>BORING LOGS</b> <b>SHEET 4 OF 5</b>		Check	JRW	07/17	
		Squad	Eng. GUY		
<b>STATE OF OKLAHOMA</b>	GUY ENGINEERING SERVICES, INC.	JOB PIECE NO.	29407(04)	SHEET NO.	B008