

BORING LOG		BORING NO. B-01		PAGE 1 OF 2						
CLIENT: CIRCUIT ENGINEERING DISTRICT #8		ENGINEER: TYLER SCHRODER, PE								
LOCATION: NS241 OVER L. EAGLE CHIEF CREEK-WOODS		PROJECT: J/P 28347(04)-BRIDGE REPL OVER L. EAGLE CHIEF CREEK								
COUNTY, OK										
GRAPHICS LOG	LAYER / MATERIAL DESCRIPTION <small>Station= 95+72.4, 9.2 FT LT. CL SUR. Surface Elev. = 1438.68 feet Veg. Thick: NA--GRAVEL ROAD</small>	DEPTH, FT.	SAMPLES			TESTS				
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, IN.	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY, PCF	UNCONFINED STRENGTH, PSF
	STIFF, RED BROWN, LEAN CLAY WITH SAND ELEV. = 1431.65	5	HS							
	CL 1 SS 8 15 14.9								LL = 29 PL = 13 PI = 16 UCS = 75.00	
	MEDIUM STIFF, DARK RED BROWN, LEAN CLAY WITH SAND ELEV. = 1424.65	10	HS							
	CL 2 SS 8 7 19.3								LL = 41 PL = 16 PI = 25 UCS = 75.00	
	MEDIUM STIF, DARK RED BROWN WITH GRAY SEAMS, SILTY CLAY WITH SAND GRAY MOTTLING ELEV. = 1417.65	15	HS							
	CL-ML 3 SS 8 9 24.7								LL = 28 PL = 21 PI = 7 UCS = 91.00	
	CL 4 SS 8 10 21.3	20							LL = 30 PL = 16 PI = 14 UCS = 91.00	
	5 A TCP 0 501.75 5011.0'									
	CEMENTED, RED BROWN WEATHERED SANDSTONE WITH SILTSTONE & SHALE SEAMS	25	RB							
	6 A TCP 0 501.25 5010.63'									
Bottom of Boring at 42.49 feet	30	RB								
REMARKS: SOIL AND ROCK CLASSIFICATIONS ARE FROM DISTURBED SAMPLES. CORE SAMPLES AND FURTHER LABORATORY TESTING MAY REVEAL OTHER ROCK AND/OR SOIL TYPES. THE STRATIFICATION SHOWN IN THE SOIL AND ROCK ABOVE IS AN ESTIMATION OF IN-SITU CONDITIONS. THEREFORE, THE NATURAL TRANSITION BETWEEN SOIL AND ROCK TYPES MAY BE GRADUAL. *ESTIMATED FROM POCKET PENETROMETER										
 ARROWHEAD ENGINEERING COMPANY 3300 108TH AVENUE NORMAN, OK 73069 PHONE (405) 596-3542		WATER LEVEL OBSERVATIONS		DATE STARTED 12/3/15						
		WL 17 FT--WD	N/A--AS	DATE COMPLETED 12/4/15						
		WL 14 FT--21 HRS AS		RIG CME-550	FOREMAN C.K.					
		WL WET CAVE-IN AT 20 FT		REVIEWED C.K.	JOB NO. 1455					

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GRAPHICS LOG	LAYER / MATERIAL DESCRIPTION <small>Station= 95+72.4, 9.2 FT LT. CL SUR. (Continued)</small>	DEPTH, FT.	SAMPLES			TESTS				
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, IN.	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY, PCF	UNCONFINED STRENGTH, PSF
	CEMENTED, RED BROWN WEATHERED SANDSTONE WITH SILTSTONE & SHALE SEAMS (continued)	35	RB							
	7 A TCP 0 501.0' 500.5'									
	8 A TCP 0 501.63' 501.0'	40	RB							
	ELEV. = 1398.15									
	9 A TCP 0 502.0' 501.25'	45								
	Bottom of Boring at 42.49 feet	50								
		55								
		60								
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WOODS COUNTY LITTLE EAGLE CHIEF

BORING LOGS