

BORING LOG		BORING NO. B-02		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		TESTS								
GRAPHICS LOG	LAYER / MATERIAL DESCRIPTION Station= 96+75.7, 14.2 FT RT. CL SUR. Surface Elev. = 1433.93 feet Veg. Thick.: NA--GRAVEL ROAD	DEPTH, FT.	SAMPLES			LIMITS (LL) (PL) INDEXES (PI) #200 SIEVE				
			USCS SYMBOL	NUMBER	TYPE		RECOVERY, IN.	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY, PCF
	MEDIUM STIFF, RED BROWN, FAT CLAY WITH TRACES OF SAND AND GRAVEL ELEV. = 1431.85	5	CH	1	SS	'8	8	19.0		LL = 52 PI = 14 UCS = 28.25
	SOFT, DARK RED BROWN LEAN CLAY WITH SAND ELEV. = 1414.65	10	CL	2	SS	'8	5	21.2		LL = 48 PI = 17 UCS = 14.25
		15	CL	3	SS	'8	5	23.2		LL = 38 PI = 18 UCS = 27.25
		20	CL-ML	4	SS	'8	26	19.9		LL = 28 PI = 7 UCS = 31.25
	CEMENTED, RED BROWN WITH GRAY, WEATHERED SANDSTONE WITH SILTSTONE & SHALE SEAMS	25	ML	5	SS	'2	17.5	21.2		LL = 58 PI = 34 UCS = 52.75
		30	RB	6	TC	0	50.3			LL = 52 PI = 22 UCS = 52.75
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 3330 108TH AVE SE NORMAN, OK 73069 PHONE (405) 296-7642		WATER LEVEL OBSERVATIONS		DATE STARTED 12/4/15						
WL		24 FT-WD		N/A-AS						
WL		7 FT-2 HRS AB		RIG CME-550 FOREMAN C.K.						
WL		WET CAVE-IN AT 21 FEET		REVIEWED C.K. JOB NO. 1456						

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GRAPHICS LOG	LAYER / MATERIAL DESCRIPTION Station= 96+75.7, 14.2 FT RT. CL SUR. (Continued)	DEPTH, FT.	SAMPLES			LIMITS (LL) (PL) INDEXES (PI) #200 SIEVE				
			USCS SYMBOL	NUMBER	TYPE		RECOVERY, IN.	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY, PCF
		35	RB	7	TC	0	50.5			LL = 52 PI = 14 UCS = 28.25
	CEMENTED, RED BROWN WITH GRAY, WEATHERED SANDSTONE WITH SILTSTONE & SHALE SEAMS (continued)	40	RB	8	TC	0	50.2			LL = 52 PI = 14 UCS = 28.25
		45	RB	9	TC	0	50.2			LL = 52 PI = 14 UCS = 28.25
		50	RB	10	TC	0	50.2			LL = 52 PI = 14 UCS = 28.25
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