BORING LOG

BORING NO. B-01 — PAGE 1 OF 2

CLIENT: CIRCUIT ENGINEERING DISTRICT 8

ENGINEER: TYLER SCHRODER, PE

LOCATION: INT OF NS255 & EW 52 CO. RDS., MAJOR COUNTY, OK

PROJECT: NEW BRIDGE OVER SAND CREEK-- J/P NO. 28348(04)

GRAPHICS LOG	LAYER / MATERIAL DESCRIPTION	DEPTH, FT.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, IN.	SAMPLES SPT- N BLOWS / FT.	TESTS MOISTURE, %	TESTS DRY DENSITY, PCF	TESTS UNCONFINED STRENGTH, PSF	TESTS LIMITS (LL) (PL) INDEXES (PI) #200 SIEVE
	Station= 101+68.03, 14.9 FT LT CL Surface Elev. = 1271.95 feet Veg. Thick.: 18" GR. CVR										
	MEDIUM STIFF, RED BROWN, SANDY SILT				HS						
	ELEV. = 1264.45	5	ML	1	SS	18	6	18.2			LL = 20 PL = 16 PI = 4 #200 = 63.0%
					HS						
	VERY LOOSE, RED BROWN, SILTY SANDY	10	SM	2	SS	18	3	14.6			LL = NP PL = NP PI = NP #200 = 29.0%
	ELEV. = 1257.95				HS						
	VERY HARD, RED BROWN, SANDY LEAN CLAY (SHALEY)	15	CL	3	SS	18	65	17.9			LL = 29 PL = 18 PI = 11 #200 = 68.0%
	ELEV. = 1251.95				HS						
	VERY SOFT, RED BROWN, LEAN CLAY WITH SAND	20	CL	4	SS	18	1/6" WOH WOH	18.4			LL = 33 PL = 17 PI = 16 #200 = 77.0%
	ELEV. = 1248.45				HS						
	SOFT, RED BROWN, LEAN CLAY WITH SAND	25	CL	5	SS	9	40/6" 50/3.5"	21.3			LL = 35 PL = 21 PI = 14
	ELEV. = 1246.45			6	TCP	0	50/3.13" 50/3.5"				#200 = 87.0%
	MODERATELY HARD TO HARD, RED BROWN, WEATHERED SHALE (SILTY, SANDY)				RB						
		30									

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 CO

ARROWHEAD ENGINEERING COMPANY
3300 108TH AVE SE
NORMAN, OK 73026
PHONE (405) 596-2642

WATER LEVEL OBSERVATIONS			DATE STARTED	6/9/15	
WL	▽ 12.5 FT--WD	▼ 10 FT-AB	DATE COMPLETED	6/9/15	
WL	▼		RIG CME-75	FOREMAN C.K.	
WL			REVIEWED C.K.	JOB NO. 1441	

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BORING LOG

BORING NO. B-01 — PAGE 2 OF 2

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	Station= 101+68.03, 14.9 FT LT CL *(Continued)*										
	MODERATELY HARD TO HARD, RED BROWN, WEATHERED SHALE (SILTY, SANDY) *(continued)*	35		7	TCP RB	0	50/1.5" 50/1.0"				
		40		8	TCP RB	0	50/0.50" 50/0.25				
				9	TCP RB	0	50/0.50" 50/0.25				
	ELEV. = 1226.1	45									
	Bottom of Boring at 45.85 feet			10	TCP	0	50/0.50" 50/0.25				
		50									
		55									
		60									

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MAJOR COUNTY — SAND CREEK

BORING LOGS
B–01

J/P NO. 28348(04) — SHEET NO. B005