BORINGS

METCO
Midwest Engineering and Testing Corporation

BORING NUMBER B-1

PROJECT NAME Proposed Single Span Bridge, Over Deep Red Creek, State Job No: 34484 (04)
METCO PROJECT NO.: OGR-24018
PROJECT LOCATION Kiowa County, Oklahoma
CLIENT Circuit Engineering District #7
DRILLING LOCATION Approx. Station 99+29.89, Approx. 12.0' Lt. of Proposed CL.
GROUND ELEVATION 1282.81 ft
DATE STARTED 2/5/24 **COMPLETED** 2/6/24
GROUND WATER LEVELS:
LOGGED BY Kalyn Couch **CHECKED BY** Shafe
▽ **AT TIME OF DRILLING** 20.00 ft / Elev 1262.81 ft
NOTES Subsurface conditions may significantly vary at other site locations. Difficulties may be encountered during construction due to the nature of subsurface formation. Water was utilized suring the drilling process
▼ **AT END OF DRILLING** 26.80 ft / Elev 1256.01 ft
24hrs AFTER DRILLING — N/A

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES CONTENT (%)
0		5.0" Grass and topsoil										
		CLAYEY SAND, (SC) brown, loose										
5			SPT		2-2-2 (4)			18	33	18	15	46
10		**SANDY LEAN CLAY**, (CL) brown, firm to very stiff	SPT		2-2-3 (5)			20	41	18	23	55
15			SPT		3-4-5 (9)			11				52
20		**FAT CLAY WITH SAND**, (CH) brown, very stiff to hard	SPT		5-9-13 (22)			22	52	26	26	83
25		**FAT CLAY**, (CH) grayish brown, hard to very stiff	SPT		11-17-23 (40)			22	54	26	28	96
30												

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FIGURE 2

GEOTECH BH COLUMNS - METCO 1.00.4.GPJ - 2/19/24 17:28 - V:\2024 REPORTS\OGR-24018\OGR-24018.GPJ

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30		**FAT CLAY WITH SAND**, (CH) grayish brown, very stiff to hard	SPT		11-12-15 (27)			23	52	28	24	82
35			SPT		9-14-18 (32)			25	58	29	29	78
40			SPT		14-22-34 (56)			20	72	30	42	71
45		**FAT CLAY**, (CH) brown, hard * With calcareous inclusions and gray stains	SPT		14-23-29 (52)			20	85	32	53	92
50		**FAT CLAY WITH SAND**, (CH) brown, hard * With calcareous inclusions and gray stains	SPT		26-44-35 (79)			12	79	26	53	76
55			SPT		8-19-26 (45)			26	81	31	50	73
60			SPT		24-31-32 (63)			33	84	27	57	83

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FIGURE 3

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KIOWA COUNY DEEP RED CREEK

BORING LOGS

STATE/JOB No. 34484(04) Sheet No. B019

5/5/2025 4:41:05 PM, CED #7