

CLIENT		PROJECT NAME									
Brawley Engineering		Single Span Bridge over Dog Creek									
PROJECT NUMBER		PROJECT LOCATION									
06020112		Creek County, Oklahoma									
DATE STARTED		COMPLETED									
1/30/07		1/30/07									
DRILLING CONTRACTOR		GROUND ELEVATION									
Drilling Services of Oklahoma		825.2 ft									
DRILLING METHOD		HOLE SIZE									
Wet Rotary		3.5 in.									
LOGGED BY		AT TIME OF DRILLING									
KDK		-									
CHECKED BY		AT END OF DRILLING									
JDS		-									
NOTES		AFTER DRILLING									
BRO-119D (131) CO State Job No. 22752 (05)		-									
DEPTH (ft)	U.S.C.S.	MATERIAL DESCRIPTION	Sample Type	SPT BLOWS PER FOOT TXC VALUES	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	FINES CONTENT (%)
0											
5	SM	SILTY SAND, light brown to brown, loose	SPT	7			13	0	0	NP	25
10	CL	LEAN CLAY, with sand, brown, stiff	SPT	11			16	23	14	9	75
15	CL	LEAN CLAY, brown, soft	SPT	3			27	37	17	20	94
20							25	28	15	13	79
25	CL	LEAN CLAY, with sand, grayish brown to brown, very soft to medium	SPT	1			22	33	16	17	76
30	CL	SANDY LEAN CLAY, brown, soft	SPT	2			20	27	16	11	69
35	SM	SILTY SAND, grayish brown, very loose	SPT	2			21	0	0	NP	23
40							28				54
45		SANDY SHALE, grayish brown, moderately hard to hard	TXC	50/1.5 50/0.5 50/0.3							
50			TXC	50/1.0 50/0.5							
55			TXC	50/1.5 50/0.8							
60		SANDY SHALE, grayish brown, moderately hard to hard (continued)	TXC	50/1.0 50/1.0							
65			TXC	50/1.5 50/0.8							
70			TXC	50/0.8 50/0.5							
75		Boring Termination Depth = 70.0'									
80		Boring Completed and Backfilled 01-30-06									