

BORING NUMBER B-01											
<p>CLIENT <u>Brawley Engineering</u> PROJECT NAME <u>Single Span Bridge over Dog Creek</u>                  4308 N Classen Blvd. Creek County, Oklahoma                  Oklahoma City, OK 73118</p>											
<p>PROJECT NUMBER <u>06020112</u> PROJECT LOCATION <u>Creek County, Oklahoma</u>                  DATE STARTED <u>11/8/06</u> COMPLETED <u>11/8/06</u> GROUND ELEVATION <u>822.1 ft</u> HOLE SIZE <u>3.5 in</u>                  DRILLING CONTRACTOR <u>Drilling Services of Oklahoma</u> GROUND WATER LEVELS:                  DRILLING METHOD <u>Wet Rotary</u> AT TIME OF DRILLING <u>-</u>                  LOGGED BY <u>KDK</u> CHECKED BY <u>JDS</u> AT END OF DRILLING <u>-</u>                  NOTES <u>BRO-119D (131) CO State Job No. 22752 (05)</u> AFTER DRILLING <u>-</u></p>											
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	CL	LEAN CLAY, with sand, dark brown, stiff	SPT	12			10	32	14	18	81
10			SPT	10			16	38	15	23	93
15			SPT	6			22	47	20	27	97
20	CL	LEAN CLAY, brown to grayish brown, medium to stiff	SPT	5			25	45	19	26	96
25			SPT	7			27	39	17	22	92
30	CL	LEAN CLAY, with sand, grayish brown, very soft	SPT	1			28	32	16	16	77
35			SPT	2			19	0	0	NP	32
40	SM	SILTY SAND, grayish brown, very loose	SPT	2							
45			SPT	3							
50	SM	SILTY SAND, grayish brown, very loose (continued)	SPT	50/2.0							
			TXC	50/1.5, 50/0.5							
55			TXC	50/1.0, 50/0.5							
60			TXC	50/0.8, 50/1.0							
65		SANDY SHALE, grayish brown, moderately hard to hard	TXC	50/1.0, 50/1.0							
70			TXC	50/0.8, 50/0.5							
75			TXC	50/0.5, 50/0.5							
80		Boring Termination Depth = 79.0' Boring Completed and Backfilled 11-08-06	TXC	50/0.8, 50/0.5							