

**SCHLEEDE-HAMPTON ASSOCIATES, INC.** • CONSULTING ENGINEERS

**BRIDGE FOUNDATION BORING LOG**

PROJECT: OLD MONEE ROAD OVER THORN CREEK  
 ROUTE: STEGER-MONEE ROAD  
 SECTION: STATION 48+51  
 COUNTY: WILL  
 BORING: SB-1  
 STATION: 49+09  
 OFFSET: 15 FEET EAST OF CENTER

SHEET 1 OF 2  
 DATE: 4/2/03  
 BORED BY: SFE  
 CHECKED BY: WJW

Depth N/6'	Qu tsf	W %	ROTARY DRILLING WATER SURFACE IN CREEK 709.5	Depth N/6'	Qu tsf	W %
0			GROUND SURFACE EL. 717.0 Grey Crushed Shoulder Gravel, A-1	0		
1	2 4 4	1.5 P	11	1		
1.5	3 8	0.70 B	4	1.5		
2	5 1 2		23	2		
3	6 2 4	0.25 B	23	3		
4	WCH 0.29 B		32	4		
5	WCH 5.27 B		35	5		
6	WCH 0.39 B		24	6		
8	WCH 0.27 B		28	8		

N-Standard Penetration Test-Blows per foot to drive 2 inch  
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches  
 Qu-Unconfined Compressive Strength (tsf)  
 W-Water Content-percentage of oven dry weight (%)  
 Type failure: 6-Bulge Failure  
 S-Shear Failure  
 E-Estimated Value  
 P-Penetrometer

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**BRIDGE FOUNDATION BORING LOG**

PROJECT: OLD MONEE ROAD OVER THORN CREEK  
 ROUTE: STEGER-MONEE ROAD  
 SECTION: STATION 48+51  
 COUNTY: WILL  
 BORING: SB-2  
 STATION: 48+48  
 OFFSET: 14' W of CL

SHEET 1 OF 2  
 DATE: 3/31/03, 4/1/03  
 BORED BY: SFE  
 CHECKED BY: WJW

Depth N/6'	Qu tsf	W %	ROTARY DRILLING WATER SURFACE IN CREEK 709.5	Depth N/6'	Qu tsf	W %
0			GROUND SURFACE EL. 717.4 Bridge Deck = 18" 2 1/4" AC, 17" Concrete	0		
1			Air Space	1		
2	2 1	0.5 P	23	2		
3	2 1	0.5 P	23	3		
4	WCH 0.27 B		41	4		
5	WCH 0.18 B		47	5		
6	WCH 0.39 B		28	6		
8	WCH 0.29 B		34	8		

N-Standard Penetration Test-Blows per foot to drive 2 inch  
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 Qu-Unconfined Compressive Strength (tsf)  
 W-Water Content-percentage of oven dry weight (%)  
 Type failure: 6-Bulge Failure  
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DESIGNED	AEU
CHECKED	RGD
DRAWN	WJH
CHECKED	AEU

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**BRIDGE FOUNDATION BORING LOG**

BORING: SB-1

Depth N/6'	Qu tsf	W %	ROTARY DRILLING WATER SURFACE IN CREEK 709.5	Depth N/6'	Qu tsf	W %
13	9 9 9	1.1 1.1 1.4	13	13		
14	9 9	1.1 1.4	13	14		
15	4 6 8	2.75 B	22	15		
16	6 6 8	4.04 B	16	16		
17	5 5	3.10 B	18	17		
18	6 9 11	4.0 B	20	18		
19	5 13 15	3.57 B	22	19		

N-Standard Penetration Test-Blows per foot to drive 2 inch  
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 Qu-Unconfined Compressive Strength (tsf)  
 W-Water Content-percentage of oven dry weight (%)  
 Type failure: 6-Bulge Failure  
 S-Shear Failure  
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**BRIDGE FOUNDATION BORING LOG**

BORING: SB-2

Depth N/6'	Qu tsf	W %	ROTARY DRILLING WATER SURFACE IN CREEK 709.5	Depth N/6'	Qu tsf	W %
13	8 10 14	3.72 B	19	13		
14	8 10 14	3.72 B	19	14		
15	4 5 9	3.61 B	23	15		
16	4 5 9	3.61 B	23	16		
17	4 7 11	4.23 B	16	17		
18	5 9 12	5.01 B	21	18		
19	7 7 10	4.73 B	14	19		

N-Standard Penetration Test-Blows per foot to drive 2 inch  
 O.D. Split Spoon Sampler 12 inches with 140 lbs. hammer falling 30 inches  
 Qu-Unconfined Compressive Strength (tsf)  
 W-Water Content-percentage of oven dry weight (%)  
 Type failure: 6-Bulge Failure  
 S-Shear Failure  
 E-Estimated Value  
 P-Penetrometer

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
FAU 2830	01-00133-08-BR	WILL	37	29
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. S-18  
 S-19 SHEETS

Contract #83989



ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SOIL BORING LOGS  
 OLD MONEE ROAD (COUNTY HIGHWAY 48)  
 OVER THORN CREEK  
 WILL COUNTY  
 SECTION NO. 01-00133-08-BR  
 STRUCTURE NO. 099-3379  
 DATE: 11-26-2007