STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 717	(111B)BR	DEWITT	53	36
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 16
16 SHEETS

Contract #70387

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Region 3 / District 5

Page 1 of 2

Date 8/3/05

ROUTE FAP 717 (IL 10) DESCRIPTION Ten Mile Creek 0.4 Miles West of Clinton LOGGED BY CNA

SECTION (111B)BR LOCATION NW, SEC. 33, TWP. 20N, RNG. 2E, 3rd PM

COUNTY Dewitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0007
Station 1069+98

BORING NO. 1 West Abut.
Station 1068+76
Offset 12.3 ft Rt.
Ground Surface Elev. 694.4 ft

Surface Water Elev. 678.4 ft
Stream Bed Elev. 677.8 ft

Groundwater Elev.:
First Encounter 680.4 ft ▼
Upon Completion Wash Bored ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Pavement	694.4				
Brown Mottled Silty Clay Loam (Embankment)	691.9		2		
		-5	1 2		
Brown Mottled Silty Clay Loam to Sandy Clay Loam	685.4		2		
		-10	3 3	1.0 B	19
Black Silt Loam	683.4		2		
			1 2		30
GrayGreen Dirty Sand to Sand Loam ▼	681.4		1		
		-15	1 1		19
Gray Dirty Loose Very Coarse Sand with Angular Gravel	678.4		1		
			2 5		
Gray Sandy Clay Loam Till	676.4		2		
		-20	5 8	3.7 B	12
Gray Sandy Clay Loam Till (continued)	672.4				
Gray Clay Loam Till			4		
		-25	5 6	1.4 E	
(No Sample Obtained – Drilled Like Till)					
			2		
		-30	3 4	1.4 B	14
	660.4		1		
Dark Gray Silt Loam (Slightly Organic)			2	1.2	23
		-35	2	B	
GreenGray Sandy Clay Loam Till	657.4				
		-40	3 4	1.9 B	20

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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Station 1068+76
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Surface Water Elev. 678.4 ft
Stream Bed Elev. 677.8 ft

Groundwater Elev.:
First Encounter 680.4 ft ▼
Upon Completion Wash Bored ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
GreenGray Sandy Clay Loam Till (continued)					
(Drilled Firmer)	651.4				
GreenGray to Gray Sandy Clay Loam Till			12		
		-45	21 40	5.9 S	10
Gray Well Sorted Coarse Sand to Dirty Coarse Sand	647.9				
			23		
		-50	24 35		
GreyBrown to Gray Sandy Clay Loam Till	644.4				
			15		
		-55	29 50-2"		9
End of Boring	634.4	-60			

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SECTION (111B)BR LOCATION NW, SEC. 33, TWP. 20N, RNG. 2E, 3rd PM

COUNTY Dewitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0007
Station 1069+98

BORING NO. 2 East Abut.
Station 1070+32.2
Offset 12.4 ft Rt.
Ground Surface Elev. 694.7 ft

Surface Water Elev. 678.4 ft
Stream Bed Elev. 677.8 ft

Groundwater Elev.:
First Encounter 676.7 ft ▼
Upon Completion Wash Bored ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Pavement	694.7				
Brown/Gray Mottled Silty Clay Loam (Embankment)	692.2		2		
		-5	2 5	1.6 B	14
Brown Clay Loam Till	685.7		1		
		-10	2 2	1.9 B	15
Gray Loam	683.7		1		
			4 6		
Dark Gray Slightly Organic Silt Loam to Sand Loam	681.7		1		
		-15	2 2	1.1 B	29
			1		
			1 3		
	676.7 ▼				
Gray Poorly Sorted Very Coarse Sand with Angular Gravel			4		
		-20	5 2		
Gray Poorly Sorted Very Coarse Sand with Angular Gravel (continued)					
(8 Feet of Blow In – Large Gravel Would Not Wash Out of Augers)	670.7		5		
Gray Clay Loam Till			5	2.1	17
		-25	7	B	
			2		
		-30	2 6		15
Dark Brown Organic Silt to Silty Clay with Peat Seams	661.7		1		
		-35	1 2	1.0 B	22
GreenBlue/Gray Clay Loam Till	657.7				
		-40	3 5	2.1 B	20

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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Station 1069+98

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Surface Water Elev. 678.4 ft
Stream Bed Elev. 677.8 ft

Groundwater Elev.:
First Encounter 676.7 ft ▼
Upon Completion Wash Bored ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
GreenBlue/Gray Clay Loam Till (continued)	662.7				
GreenGray Sandy Clay Loam Till			9		
		-45	16 19	9.3 B	9
Gray Sandy Clay Loam Till	646.7				
			30		
		-50	50-5"		7
End of Boring	639.7	-55			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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BORING DETAILS
F.A.P. RT. 717 SEC. (111B)BR
DEWITT COUNTY
STATION 1069+54.00
STRUCTURE NO. 020-0063