STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 721	(113BR) BR	DEWITT	81	43
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 18
18 SHEETS

Contract #70232

Illinois Department of Transportation
Division of Highways
District 5 Materials

SOIL BORING LOG

Page 1 of 1
Date 7/3/03

ROUTE FA 721 (IL 10) DESCRIPTION Salt Creek 4 Miles East of Clinton LOGGED BY CNA
SECTION (113BR)BR LOCATION NE, SEC. 5, TWP. 19N, RNG. 3E, 3rd PM
COUNTY DeWitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0010 (Exist.)
Station 244+53
BORING NO. 1 West Abut.
Station 242+65
Offset 14.7 ft Rt.
Ground Surface Elev. 668.0 ft

Surface Water Elev. 648.1 ft
Stream Bed Elev. 645.0 ft
Groundwater Elev.:
First Encountered 651.5 ft ▼
Upon Completion Wash Bore ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Coarse Sand with Gravel (Embankment)	668.0				
		2			
		3		7	
		-5 2			
		1			
Brown Sandy Clay Loam Till	658.5	-10 1 2		11	
		1			
		1	0.8	16	
		3	B		
		3			
No Sample		2			
		-15 3			
	652.0				
Brown Oxidized Coarse Sand with Large Cobbles (Hard/Rough Drilling) ▼		1			
		5			
		15			
		50-3"			
No Sample – Drove Sampler on Boulder		-20			
Brown Oxidized Coarse Sand with Large Cobbles (Hard/Rough Drilling) (continued)	646.0				
Gray Sandy Clay Loam Till with Gravel					
		5			
		15	9.5	8	
		-25 25	B		
		7			
		11	6.3	8	
		-30 14	S		
		9	6.9	8	
		-35 16	B		
Gray Sandy Clay Loam Till with Coarse Gravel Seams	631.5				
		50-3"			
Auger Refusal	628.0	-40			
End of Boring					

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)

Illinois Department of Transportation
Division of Highways
District 5 Materials

SOIL BORING LOG

Page 1 of 2
Date 7/3/03

ROUTE FA 721 (IL 10) DESCRIPTION Salt Creek 4 Miles East of Clinton LOGGED BY CNA
SECTION (113BR)BR LOCATION NE, SEC. 5, TWP. 19N, RNG. 3E, 3rd PM
COUNTY DeWitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0010 (Exist.)
Station 244+53
BORING NO. 2 East Abut.
Station 246+24
Offset 6.5 ft Lt.
Ground Surface Elev. 667.9 ft

Surface Water Elev. 648.1 ft
Stream Bed Elev. 645.0 ft
Groundwater Elev.:
First Encountered 642.9 ft ▼
Upon Completion Wash Bore ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Clay Loam (Embankment)	667.9				
		1			
		1	1.2	16	
		-5 2	B		
		1			
Gray Clay Loam (Embankment)	658.4	-10 1 2	1.3	14	
	657.4				
Brown Sand Loam to Sandy Clay Loam (Embankment) Trace of Free Water		0			
		1		16	
		2			
		0			
		1		16	
		-15 2			
		0			
		1		54	
		2			
	648.9	1			
Black to Gray Silty Clay Loam (Trace of Organics)		-20 1	0.8	28	
Black to Gray Silty Clay Loam (Trace of Organics) (continued)	646.9				
Brown/Gray Mottled Silty Clay	645.9	0			
		1	1.2	27	
		2	B		
Gray Sand Loam		1			
		1			
		4			
	642.9 ▼	-25			
Gray Poorly Sorted Coarse Sand					
		1			
	638.4		3	3.7	10
Gray Sandy Clay Loam Till		-30 5	S		
		4			
		8	7.2	10	
		-35 14	S		
(Drilled Hard)					
		50-3"			
		-40			

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)

Illinois Department of Transportation
Division of Highways
District 5 Materials

SOIL BORING LOG

Page 2 of 2
Date 7/3/03

ROUTE FA 721 (IL 10) DESCRIPTION Salt Creek 4 Miles East of Clinton LOGGED BY CNA
SECTION (113BR)BR LOCATION NE, SEC. 5, TWP. 19N, RNG. 3E, 3rd PM
COUNTY DeWitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0010 (Exist.)
Station 244+53
BORING NO. 2 East Abut.
Station 246+24
Offset 6.5 ft Lt.
Ground Surface Elev. 667.9 ft

Surface Water Elev. 648.1 ft
Stream Bed Elev. 645.0 ft
Groundwater Elev.:
First Encountered 642.9 ft ▼
Upon Completion Wash Bore ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)					
		50-3"			
(No Sample – Trace of Gray Sandy Clay Loam Till)					
Auger Refusal	622.9	-45			
End of Boring					
		-50			
		-55			
		-60			

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)

Illinois Department of Transportation
Division of Highways
District 5 Materials

SOIL BORING LOG

Page 1 of 1
Date 9/23/03

ROUTE FA 721 (IL 10) DESCRIPTION Salt Creek 4 Miles East of Clinton LOGGED BY CNA
SECTION (113BR)BR LOCATION NE, SEC. 5, TWP. 19N, RNG. 3E, 3rd PM
COUNTY DeWitt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 020-0010 (Exist.)
Station 244+53
BORING NO. 3 Pier
Station 244+23
Offset 36.5 ft Lt.
Ground Surface Elev. 654.0 ft

Surface Water Elev. 648.1 ft
Stream Bed Elev. 645.0 ft
Groundwater Elev.:
First Encountered 646.0 ft ▼
Upon Completion Wash Bore ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Mottled Silt Loam (Alluvium)	654.0				
		2			
		3		19	
		-5 2			
		0			
		1			
		0			
	646.0 ▼				
Gray Sand Loam with Organics		0			
		0		42	
		-10 1			
		12			
(Drove Sampler on Tree Stump)		28			
		50-5"			
		2			
No Sample Recovered		3			
		-15 2			
	639.0				
Gray Dirty Sand with Gravel (Gravel up to 1")					
		7			
		8			
		-20 13			
Gray Dirty Sand with Gravel (Gravel up to 1") (continued)	633.0				
Gray Sandy Clay Loam Till (Hard/Rough Drilling)					
		50-6"			
		50-2"		8	
		-25			
		46			
		50-3"		7	
		-30			
		29			
		50-5"		8	
End of Boring	619.0	-35			
		-40			

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)

BORING DATA
F.A.P. ROUTE 721 - SECTION (113BR)BR
DEWITT COUNTY
STATION 244+07.00
STRUCTURE NO. 020-0062