STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

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Date 4/28/06

ROUTE US 34 DESCRIPTION Box Culvert: US 34 over drainage LOGGED BY Larry Myers

SECTION 22 I & I-1 LOCATION SW 1/4, SEC. 31, TWP. 36N, RNG. 01E

COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME automatic

STRUCT. NO. 050-2544
Station 1118+15

BORING NO. #1: SE Quad
Station 1118+33
Offset 39.00ft Rt
Ground Surface Elev. 779.94 ft

Surface Water Elev. 775.08 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountor ft
Upon Completion 770.4 ft ▽
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, black, Silty Clay					
	778.44				
Stiff, black, Silty Clay			3		
			3	2.0	24.4
			4	P	
	775.44				
Stiff, gray brown, Silty Loam		-5			
			2		
			1	1.5	19.3
			3	P	
			wh		
			2	1.3	22.6
			2	P	
	770.44 ▽				
Very soft to medium, brown, Silt with very minor, Clay and ultra fine, Sand layers at 16'		-10			
			wh		
			2	0.0	28.1
			3	P	
			3		
			4	1.0	24.9
			5	P	
		-15			
			1		
			2	0.8	26.1
			5	P	
	763.44				
Loose, brown, fine, Sand with minor Silt					
			2		
			3		24.9
			5		
	760.44				
		-20			
Medium, brown, fine to coarse, Sand *(continued)*			3		
			5		20.6
			8		
	757.94				
Medium, gray, fine to coarse, Sand with layers of fine to medium, Gravel			6		
			7		18.3
			7		
		-25			
			7		
			8		17.5
			9		
			6		
			12		17.7
			10		
		-30			
			10		
			14		17.6
			12		
		-35			
			12		
			10		12.6
			11		
	743.44				
End of Boring					
		-40			

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)

Illinois Department of Transportation
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District #3, Ottawa

SOIL BORING LOG

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Date 5/8/06

ROUTE US 34 DESCRIPTION Box Culvert: US 34 over drainage LOGGED BY Larry Myers

SECTION 22 I & I-1 LOCATION SW 1/4, SEC. 31, TWP. 36N, RNG. 01E

COUNTY La Salle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME automatic

STRUCT. NO. 050-2544
Station 1118+15

BORING NO. #2: NW Quad
Station 1117+82
Offset 24.00ft Lt
Ground Surface Elev. 783.18 ft

Surface Water Elev. 775.08 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encountor ft
Upon Completion 770.7 ft ▽
After ___ Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Silty Clay fill with large concrete debris to 4'					
	778.18	-5			
Stiff, black, Silty Clay with trace of organics			2		
			4	1.5	38.7
			6	P	
			2		
			4	1.5	24.8
	774.68		3	P	19.9
Stiff, gray brown, Silty Loam to Silty Clay with sof, Gravel pieces				1.5	
		-10		P	
			4		
			6	1.8	22.9
			6	P	
	771.68				
Loose, brown, Silt and fine, Sand with layers of each ▽			3		
			4		23.4
			4		
		-15			
			1		
			1		24.7
			3		
	766.18				
Medium, brown, fine, Sand and Silt with some medium, Sand at 21'			5		
			9		24.4
			12		
		-20			
Medium, brown, fine, Sand and Silt with some medium, Sand at 21' *(continued)*			5		
			7		25.4
			11		
	761.18				
Medium, brown, fine to coarse, Sand with some fine to medium, Gravel			9		
			10		17.4
			12		
	758.18	-25			
Medium, gray, fine to coarse, Sand bedded with layers of Silt and layers of fine, Gravel			8		
			9		21.8
			10		
wash sample @ 25'					
			8		
			9		16.8
			10		
		-30			
			9		
			12		17.4
			15		
		-35			
			9		
			10		17.4
			11		
End of Boring					
		-40			

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)

DESIGNED	JKC
CHECKED	JLS
DRAWN	NV
CHECKED	JKC

CHAMLIN & ASSOCIATES
PERU ILLINOIS MORRIS

SOIL BORINGS

SHEET NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	587	(22) I & I-1	LASALLE	31	17
	SN 050-2051		CONTRACT NO. 66835		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		