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

SOIL BORING LOG

Page 1 of 1

Date 3/16/10

I-80 & Brisbin Road

ROUTE Interchange DESCRIPTION Interchange Lighting LOGGED BY Larry Myers

SECTION (32, 47-4)HBK-4 & (G) N LOCATION SE 1/4, SEC. 13, TWP. 34N, RNG. 7E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Tower #2
Station 1390+82

BORING NO. 3005
Station 1390+90
Offset 77.00ft Rt
Ground Surface Elev. 548.53 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 529.5 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Black, Silty Clay Loam, Fill, Gravel	546.03				
Stiff, Brown, Silty Clay, Loess	544.03		2		
			3	1.5	13.6
			4	P	
Very Stiff, Brown, Silty Loam, Till		-5			
			4		
			7	2.7	14.3
			8	S	
Hard, Brown, Silty Loam/Silty Clay Loam, Till	541.53				
			12		
			18	>4.5	14.0
			21	P	
		-10			
			10		
			20	>4.5	12.3
			22	P	
Hard, Gray, Silty Loam, Till	537.03				
			18		
			22	>4.5	13.5
			31	P	
		-15			
			21		
			20	>4.5	7.5
			32	P	
			19		
			20	>4.5	12.1
			28	P	
▽	529.03				
		-20			
Hard, Gray, Clay with Ribbons of Silt *(continued)*			10		
			14	4.8	15.3
			18	S	
Hard, Brittle, Gray, Silty Loam, Till	525.53				
		-25			
			21		
			37	>4.5	6.6
			44	P	
End of Boring	522.03				
		-30			
		-35			
		-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
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 3/31/10

I-80 & Brisbin Road

ROUTE Interchange DESCRIPTION Interchange Lighting LOGGED BY Larry Myers

SECTION (32, 47-4)HBK-4 & (G) N LOCATION SE 1/4, SEC. 13, TWP. 34N, RNG. 7E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Tower #3
Station 106+82

BORING NO. 3003
Station 106+82
Offset 40.00ft Rt
Ground Surface Elev. 547.34 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 539.3 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Black, Silty Clay Loam, Topsoil & Brown, Silty Clay, Loess	544.84				
Stiff, Brown, Silty Clay, Loess	542.84		3		
			4	1.5	14.7
			4	P	
Very Stiff, Brown, Silty Loam Till with Potential Boulders/Cobbles @ 5' & Sand/Gravel Seams @ 8' & Free Water		-5			
			3		
			3	2.0	15.5
			3	P	
▽			7		
			7	4.0	9.6
			14	P	
Hard, Gray, Silty Loam, Till with Potential Cobbles/Boulders @ 18'	537.84	-10			
			16		
			18	7.1	13.0
			17	S	
			14		
			16	7.0	11.6
			22	S	
		-15			
			8		
			12	7.6	17.6
			25	S	
			9		
			14	7.1	20.2
			21	S	
		-20			
Hard, Gray, Silty Loam, Till with Potential Cobbles/Boulders @ 18' *(continued)*			16		
			22	6.6	17.5
			22	S	
			16		
			20	5.7	13.6
			19	S	
		-25			
			16		
			16	5.8	20.0
			16	S	
End of Boring	520.84				
		-30			
		-35			
		-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)

• FAI 80 & FAS 297 / FAU 392

FILE NAME = t:¢1812¢cadd sheets¢0366408-sht-lighting.dgn	USER NAME = _USER.	DESIGNED - AKK	REVISED -
		DRAWN - CGC	REVISED -
	PLOT SCALE = $SCALE$	CHECKED - JPW	REVISED -
	PLOT DATE = 5/19/2010	DATE - 5/19/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SOIL BORING I

SCALE: NONE | SHEET NO. 183 OF 351 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(32,47-4) HBK-4 & G(N)	GRUNDY	351	183

CONTRACT NO. 66408

ILLINOIS FED. AID PROJECT