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

SOIL BORING LOG

Page 1 of 1

Date 12/16/09

ROUTE FAI 80 (I-80) & FAS 297/FAU 292 (US 6) DESCRIPTION Traffic Signal Borings for US 6 & Brisbin Road Intersection LOGGED BY Larry Myers

SECTION (32, 47-4)HBK-4 & (G)N LOCATION NW 1/4, SEC. 19, TWP. 34N, RNG. 8E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 3 (SE Quad.)
Station 204+63
Offset 66.00ft Rt.
Ground Surface Elev. 531.55 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 524.6 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Black, Silty Clay Loam Topsoil Fill & Brown, Silty Loam & Silty Clay Loam Fill	529.05				
Very Stiff, Light & Dark Brown, Silty Loam & Silty Clay Loam Fill	526.55		4 4 4	3.0 P	29.0
Hard, Gray, Silty Loam/Loam with Gravel Pieces	524.55▽	-5	5 11 14	>4.5 P	12.8
Hard, Gray, Silty Clay Loam Till	523.55		9		
Medium to Dense, Gray, Fine Sand to Coarse Gravel, Potential Cobble/Boulders with Free Water	515.05	-10 -15	18 22 11 18 24 10 16 21 11 17 24		13.4 15.5 23.1 21.0
End of Boring		-20			

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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SOIL BORING LOG

Page 1 of 1

Date 12/30/09

ROUTE FAI 80 (I-80) & FAS 297/FAU 292 (US 6) DESCRIPTION Traffic Signal Borings for US 6 & Brisbin Road Intersection LOGGED BY Larry Myers

SECTION (32, 47-4)HBK-4 & (G)N LOCATION NE 1/4, SEC. 24, TWP. 34N, RNG. 7E

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4 (NW Quad.)
Station 202+92
Offset 65.00ft Lt.
Ground Surface Elev. 540.88 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 526.9 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, Black, Silty Clay Loam Fill	538.38				
Hard, Gray & Brown, Silty Clay Loam Till with some Large Rock Pieces, Fill	536.38		3 7 7	4.0 P	24.9
Hard, Brown, Silty Loam/Loam (some unconsolidated)	533.38	-5	5 7 21	>4.5 P	14.4
Hard, Gray, Silty Clay Loam Till	524.38	-10 -15	10 11 14 11 12 13 10 13 21 11 14 24	>4.5 P >4.5 P >4.5 P >4.5 P	9.7 10.1 9.4 8.2
End of Boring		-20			

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)