

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	18R-2	WHITESIDE	541	181
FED. ROAD DIST. NO. 2	ILLINOIS	FFLRAID PROPERTY		

SHEET NO. 5  
5 SHEETS

**Illinois Department of Transportation**  
Division of Highways  
Mark A. Dixon

### SOIL BORING LOG

Page 1 of 2  
Date 5/2/02

ROUTE FAP 309 DESCRIPTION P92-140-00 Culvert on US 30 in Morrison, 0.2 m. W. of Bishop Road LOGGED BY C. Jenki

SECTION 18RS-2 LOCATION Mt. Pleasant Twp. - SE, SEC. 17, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. \_\_\_\_\_  
Station 1145+76

BORING NO. B-2c  
Station 1145+69  
Offset 16.00ft Lt Cl  
Ground Surface Elev. 89.6 ft

SOIL DESCRIPTION	DEPTH (ft)	U (ft)	M (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	Wash After (ft)	D (ft)	B (ft)	U (ft)	M (%)
MEDIUM brown SILTY LOAM with GRAVEL	0-78.10	0.8	20	89.8	89.5	84.5			0	5	9	
STIFF gray/brown SILT	78.10-87.10	1.1	20						8	13	11	
MEDIUM tan SILTY LOAM with GRAVEL	87.10-93.10	0.5	20						2	3	4	24
MEDIUM tan/brown SILT with some GRAVEL	93.10-99.60	0.8	26						1	1	3	27
SOFT tan/gray SILTY LOAM	99.60-88.10	0.4	28						2	2	4	29
VERY STIFF tan/gray SILT	88.10-85.60	2.1	20						1	3	5	27
SOFT tan/gray SILT	85.60-83.10	0.3	25						0	2	4	24
VERY SOFT tan/gray SILT with SAND lenses	83.10-80.60	0.1	24						0	9	16	

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 T208)  
BBS, from 137 (Rev. 8-99)

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SECTION 18RS-2 LOCATION Mt. Pleasant Twp. - SE, SEC. 17, TWP. 21N, RNG. 5E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. \_\_\_\_\_  
Station 1146+76

BORING NO. B-2c  
Station 1146+69  
Offset 16.00ft Lt Cl  
Ground Surface Elev. 89.6 ft

SOIL DESCRIPTION	DEPTH (ft)	U (ft)	M (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion (ft)	Wash After (ft)	D (ft)	B (ft)	U (ft)	M (%)
MEDIUM tan fine SAND with a SILT lens	0-58.10			89.8	89.2	84.5			3	7	6	
Wash	58.10-55.60								2	9	7	
MEDIUM tan fine SAND & GRAVEL, with a SILT lens	55.60-53.10								2	8	12	
Wash	53.10-50.60								2	8	12	
MEDIUM tan SAND with LIMESTONE fragments	50.60-48.10								2	8	12	
End of Boring	48.10-45.60								2	8	12	

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BBS, from 137 (Rev. 8-99)

DESIGNED	GEK
CHECKED	LSA
DRAWN	GEK
CHECKED	LSA

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