

SOIL BORING



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 5/16/12

ROUTE FAP 303 DESCRIPTION D92-007-93 Traffic Signals, IL 173 @ Burden Road LOGGED BY W. Garza
SECTION 129R LOCATION SEC. TWP. RNG.
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Description		
														Soil Description	Elevation	
															MEDIUM brown SILTY CLAY LOAM	749.10
			0.6 P	12											MEDIUM tan clean medium coarse SAND (continued)	729.60
															MEDIUM tan fine SAND	727.10
															MEDIUM tan fine SAND	724.60
															MEDIUM tan clean medium coarse SAND	722.10
															VERY DENSE tan SANDY GRAVEL	719.60
															DENSE tan clean medium coarse moist SAND	717.10
															DENSE tan SANDY GRAVEL	714.60
															End of Boring	

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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Date 5/17/12

ROUTE FAP 303 DESCRIPTION D92-007-93 Traffic Signals, IL 173 @ Perryville Road LOGGED BY W. Garza
SECTION 129R LOCATION SEC. TWP. RNG.
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Description		
														Soil Description	Elevation	
															MEDIUM brown LOAM	773.40
															VERY STIFF tan SANDY LOAM	771.90
															VERY STIFF brown SANDY LOAM	769.40
															MEDIUM brown SILTY CLAY LOAM	766.40
															DENSE tan weathered LIMESTONE	763.90
															VERY SOFT tan SANDY LOAM	761.40
															MEDIUM tan fine moist SAND	759.40
															DENSE tan SANDY GRAVEL	756.90
															DENSE tan SANDY GRAVEL	754.40
															End of Boring	

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)