



SOIL BORING LOG

Date 9/6/02

ROUTE FAP 307 (IL64) DESCRIPTION Peat Soundings, East leg of IL 64 LOGGED BY KOLODZIEJ

SECTION 126N-1 LOCATION S 1/2, SEC. 18, TWP. 40N, RNG. 7E, 3rd PM

COUNTY KANE DRILLING METHOD Mobile B-80, 3.25 in. ID HSA HAMMER TYPE

STRUCT. NO.	D	B	U	M	Surface Water Elev.
Station	E	L	C	O	ft
	P	O	S	I	Stream Bed Elev.
	T	W	Qu	S	ft
BORING NO.	H	S		T	Groundwater Elev.:
Station					First Encounter
Offset					Upon Completion
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After
					Hrs.
Black Organic Silty LOAM w/ some fine to coarse gravel (TOPSOIL)				17	878.00
Mottled, Brown & Light Brown, Silty CLAY, trace fine to coarse sand & gravel (FILL)				13	
				9	
Very Soft, Black, Silty LOAM (BURIED TOPSOIL)				96	874.50
			<0.25	74	
Very Loose, Black SILT			<0.25	58	872.30
Very Soft, Black, Silty LOAM					872.05
			0.3	18	
Soft, Gray SILT					870.30
Very Soft, Dark Brown PEAT			<0.25	160	869.90
			<0.25	227	
			<0.25	73	
Very Soft, Light Brown PEAT w/ trace of shells			<0.25	75	867.50
			<0.25	76	
Soft, Gray, Silty CLAY, trace of pebbles			0.3	37	864.75
Very Soft to Medium Stiff, Gray, Silty CLAY, trace of fine to coarse gravel			<0.25	30	864.00
Gray to Light Brown Coarse SAND			1.0	23	862.50
				11	861.50

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)



SOIL BORING LOG

Date 11/13/02

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Station	E	L	C	O	ft
	P	O	S	I	Stream Bed Elev.
	T	W	Qu	S	ft
BORING NO.	H	S		T	Groundwater Elev.:
Station					First Encounter
Offset					Upon Completion
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After
					Hrs.
Medium Stiff, Gray, SILTY CLAY LOAM, trace black organic			1.0	19	873.64
Very Soft, Black PEAT, trace gray fine to medium sand					873.64
Organic Content=20.40%			<0.25	59	
Gray Medium to Coarse GRAVEL, trace silty clay loam					868.14
Gray SAND					866.64
					864.14

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