

SOIL BORING LOG

ROUTE FAP 681 (IL 116) DESCRIPTION IL 116 over Langan Creek, 3.81 Miles West of I 57 LOGGED BY LM

SECTION (117 BR) LOCATION NE 1/4, SEC. 26, TWP. 28N, RNG. 10E, 3rd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-0122 (Exist.)
Station 459+40

BORING NO. 1 (N.E. Quad.)
Station 459+86
Offset 9.00ft Lt.
Ground Surface Elev. 655.81 ft

DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)
				Augered Bit., Concrete, Black Silty Clay Loam Topsoil Fill				
653.31				Stiff Black Silty Clay Loam Topsoil Fill				
651.31				Very Stiff Gray & Brown Silty Clay Loess				
646.31				Hard Brown Silty Clay/Clay				
643.81				Hard Gray Clay/Silty Clay				
638.81				Very Stiff Gray Clay/Silty Clay				
				Hard Brownish Gray Clay with minor Silt				
				Very Stiff Gray Silty Clay Till with Layers of Silty Clay Loam/Silty Clay/Clay				

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)

FILE NAME =	USER NAME = jcmrisher	DESIGNED - JDC	REVISED -
...038-0220-66960-021-logsl.dgn		CHECKED - JMS	REVISED -
		DRAWN - LLR	REVISED -
		CHECKED - JDC	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(117) BR-1	IROQUOIS	41	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW S (ft/6")	UCS (tsf)	MOIST (%)
				Hard Dark Gray Silty Clay Loam Till with Layers of Gray Clay/Silt (continued)				
611.31				Hard Gray Silty Clay Loam/ Silty Loam Till				
608.81				Medium Gray Silt & Fine Sand with minor Clay				
603.81				Hard Gray Silty Clay Loam Till				
599.31				End of Boring				

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BBS, from 137 (Rev. 8-99)