

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 3

Date 8/31/05

ROUTE SBI-115 (IL 115) DESCRIPTION IL 115 over Drainage Ditch LOGGED BY LM-IDOT

SECTION 105-B LOCATION SW 1/4, SEC. 9, TWP. 28N, RNG. 09E, 3<sup>rd</sup> PM

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (/6")	U (tsf)	M (%)	Description	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:
													ft	ft	ft
027-0033 1345+92	#1: NW Quad 1345+62	34.00ft RL	671.89 ft					Stiff, gray, Silty Clay Till (continued)	6	1.4	15.5		665.99 ft		
									7	B					
								Stiff, brown gray, Silty Clay	4						
									3	1.5	23.3				
									3	P					
									3						
									2	1.5	24.2				
									2	P					
									3						
									6						
									7		13.1				
									3						
									6						
									7						
									5						
									5		15.9				
									6						
									7						
									8		16.2				
									7	2.5	19.9				
									8	B					
									4						
									3						
									3						
									3	1.0	17.3				
									4	B					
									3						
									3						
									3	1.0	17.7				
									5	B					
									4						
									3						
									3	1.0	16.7				
									7	B					
									4						
									4						
									7	2.0	20.4				
									10	B					
									5						
									6	1.4	17.8				
									7	B					
									2						

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)

DESIGNED	MRB
CHECKED	KWS
DRAWN	VH
CHECKED	MRB



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													ft	ft	ft
027-0033 1345+92	#1: NW Quad 1345+62	34.00ft RL	671.89 ft					Medium, gray, Silty Clay Loam Till (continued)	3	0.9	18.0		665.99 ft		
									3	B					
									3						
									4	0.9	16.0				
									7	B					
									3						
									3						
									3	0.9	16.4				
									4	B					
									3						
									3	1.0	17.3				
									4	B					
									3						
									3						
									3	1.0	17.7				
									5	B					
									4						
									3						
									3	1.0	16.7				
									7	B					
									4						
									4						
									7	2.0	20.4				
									10	B					
									5						
									6	1.4	17.8				
									7	B					
									2						

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													ft	ft	ft
027-0033 1345+92	#1: NW Quad 1345+62	34.00ft RL	671.89 ft					Hard, dark gray, Silty Clay Loam Till with 10" Silt to very fine, Sand layer at 80' + (continued)	8	5.0	16.3		665.99 ft		
									28	S					
									7						
									10	4.0	11.9				
									22	S					
									13						
									13	5.5	11.4				
									18	S					
									10						
									15	5.8	12.5				
									20	S					
									13						

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BBS, from 137 (Rev. 8-99)

benesch

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450  
Job # 3938.02

SOIL BORING LOGS 1 OF 2  
STRUCTURE NO. 027-0097

SHEET NO. S21	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	796	104 I & 105 BR-1	FORD	51	35
SHEETS S22	CONTRACT NO. 66848				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

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