

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 1  
Date Started 8/3/04  
Date Completed 8/3/04

ROUTE \_\_\_\_\_ DESCRIPTION Bolcum Road over Ferson Creek  
SECT. \_\_\_\_\_ STRUCT. NO. 045-3042 DRILLED BY TSC L-60,780  
COUNTY Kane LOCATION North End West Abutment S. 8-SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DEPTH	TEST	DESCRIPTION	DEPTH	TEST	DESCRIPTION
SB-1	121+78	22.00ft LT	749.80 ft						
				2	P	Possible Boulder Zone or very weathered/fractured Dolomite, some clay filled joints and cracks			
				3	P	Core Run 23.5 to 29 feet Recovery = 48% RQD = 13%	720.80		
			744.30	4	S	Dolomite, light-medium gray, silty, thin bedded, numerous thin clay partings, dense, occasional chert nodules from 29 to 34.5 feet.			
			741.80	5	S				
				6	S				
				7	S				
				8	S				
				9	S				
				10	S				
				11	S				
				12	S				
			728.30	13	S				
			728.30	14	S				

\*\* See above right  
SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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Page 1 of 1  
Date Started 7/8/04  
Date Completed 7/8/04

ROUTE \_\_\_\_\_ DESCRIPTION Bolcum Road over Ferson Creek  
SECT. \_\_\_\_\_ STRUCT. NO. 045-3042 DRILLED BY TSC L-60,780  
COUNTY Kane LOCATION South End East Abutment S. 8-SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DEPTH	TEST	DESCRIPTION	DEPTH	TEST	DESCRIPTION
SB-2	122+75	6.00ft RT	753.80 ft						
				1	S	7" Asphaltic Concrete	753.20		
				2	S	FILL - Brown SAND and GRAVEL, damp A-1	751.80		
				3	S	Medium stiff black CLAY LOAM (topsoil), very moist A-7-6			
			748.30	4	S				
				5	S	Soft black ORGANIC CLAY, trace fibrous roots, very moist A-7-6			
			745.80	6	S				
				7	S	(trace small organic seam at 9 feet)			
				8	S	Medium dense gray well-graded SAND with some gravel, saturated A-1			
			740.80	9	S				
				10	S	Medium dense gray fine to medium SAND, trace to little gravel, saturated A-1-b			
			735.80	11	S				
				12	S	Medium dense gray SAND and GRAVEL, saturated A-1			
			728.80	13	S				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

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Date Started 8/26/04  
Date Completed 8/26/04

ROUTE \_\_\_\_\_ DESCRIPTION Bolcum Road over Ferson Creek  
SECT. \_\_\_\_\_ STRUCT. NO. 045-3042 DRILLED BY TSC L-60,780  
COUNTY Kane LOCATION Center of Bridge S. 8-SW 1/4, TWP. 40 N, RNG. 8 E

Boring No.	Station	Offset	Surface Elev.	DEPTH	TEST	DESCRIPTION	DEPTH	TEST	DESCRIPTION
SB-3	122+25	6.00ft RT	753.59 ft						
				1	S	Asphalt & Concrete Bridge Deck	751.89		
				2	S	Air Void			
			745.59	3	S	Water (Creek)			
				4	S	Loose dark gray and brown clayey SAND, trace organic, saturated A-2-4			
			741.59	5	S				
				6	S	Medium dense medium to fine SAND, trace gravel, saturated A-1-b			
			735.59	7	S				
				8	S	Dense gray SAND, little to some gravel, saturated A-1-b			
			733.09	9	S				
				10	S	Medium dense to dense gray SAND and GRAVEL, occasional Cobbles, (rock fragments recovered), saturated A-1-a			
			728.59	11	S				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

DESIGNED - AEU
CHECKED - DLS
DRAWN - AWH
CHECKED - AEU



SHEET NO. 21	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21 SHEETS	2332	03-14185-02-BR	KANE	73	45
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63521					

SOIL BORING LOGS  
STRUCTURE NO. 045-3020

FILE NAME = P:\CBBEL WEST Projects\2004\09-0082 Bolcum P\AS\Structure\045-3020-63521-02-Soil Boring Log.dwg