

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials Bridge Foundation Boring Log
 Route: ILL 13 & 127 Over Beaucoup Creek Structure Number: 039-0009 Date: 7/16/2013
 County: Jackson Location: 2.0 Mile South of Illinois Route 4 Checked By: Rob Greeff
 Bored By: Bryan Keller

DEPT	BLOW	QU	W%	DEPTH	DESCRIPTION	DEPT	BLOW	QU	W%
				352.0	Surf wet clay:				
				353	Ground Water Elevation when Drilling				
					At Completion				
				367.5	Ground Surface				
					Very stiff, damp to moist, brown, Silty Clay A-B		2	2.15	33
							4		
				340.5					
					Stiff, moist, brown mottled gray, Clay A7-B		1		
		3	2.65	20			2	1.95	29
		3					4		
				338.0					
					Medium, very moist, brown, Clay A7-B				
				360.5		WH	2	0.7B	33
							2		
				337.5					
					Soft, very moist, brown, Silty Clay Loam A-B		1	1.3B	27
							3		
				348.0					
					Very soft, very moist, brown mottled gray, Silty Clay A-B		1		
				10.0			2	0.0B	29
							3		
				355.5					
					Soft, very moist, brown mottled gray, Silty Clay A7-B		1	2.0B	27
							5		21
				15.0			5		
				350.5					
					Soft to medium, very moist, brown mottled gray, Silty Clay A7-C		1	2.2B	29
							5		
				318.0					
				20.0	Medium, very moist, gray, Clay to Silty Clay A7-B		WH		
							2	1.4B	25
				316.5			3		
					Medium, very moist, gray, Silty Clay A7-B with Sand Lenses		WH		
							WH	0.8E	29
				313.0			WH		
				25.0			50.0	1	

N-Std Penetr Test: 2" O.D. Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear D-Estimated E-Penetrometer)

Route: ILL 13 & 127
 Station: 2601+60
 Offset: CL
 Ground Surface: 367.326
 Sheet 2 of 2
 Date: 7/16/2013

DEPT	BLOW	QU	W%	DEPTH	DESCRIPTION	DEPT	BLOW	QU	W%
					Stiff, very moist, grey, Silty Clay A-C with Sand Layers		3	1.1S	22
							4		
				313.0					
					Very soft, wet, grey, Silty Clay Loam A-B		WR	0.2E	30
							WR		
				303.0					
					Loose, wet, grey, very fine, Silty Sand with some gravel 77% Sand, 11% Silt 7% Clay, 5% Gravel				
				80.0			1		85.0
							3		23
				303.5					
					Hard, dry, grey, Clay Shale		1		
				100/7"					
				304.3					
					Cored from 33.5 f. to 35.5 f. Hard, dry, grey, Clay Shale 85% Recovery 80% RQD				
				65.0					90.0
				293.0					
					Cored from 66.5 f. to 72.5 f. Hard, dry, grey, Clay Shale 100% Recovery 100% RQD				
				70.0					95.0
				291.0					
				75.0					100.0

N-Std Penetr Test: 2" O.D. Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear D-Estimated E-Penetrometer)

BORING 4-S