BRAUN INTERTEC

LOG OF BORING

Braun Project CR-13-03987
Geotechnical Evaluation
I-80 & I-380/US 218 Interchange
Johnson County
Coralville, Iowa

BORING: **BR2753**

LOCATION: Station 8544+81, Rt. 2

DRILLER: J.Miller/K.Elliott | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/7/14** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	Symbol	Description of Materials (Soil-ASTM D2488 or D2487, Rock-USACE EM1110-1-2908)	BPF	WL	Tests or Notes
740.5	0.0					
739.5	1.0	TS	Topsoil			
		CL	SANDY LEAN CLAY, brown, dry, rather stiff to very stiff (Alluvium)			
				4-7-10 (17)		LL=32, PL=15, PI=17 P200=54%
				3-3-7 (10)		
727.5	13.0					
		SC	CLAYEY SAND, brown, moist, medium dense (Alluvium)			
				7-9-14 (23)		P200=28%
				4-7-8 (15)		Mud rotary drilling method began at 20 feet.
				4-8-14 (22)		
713.5	27.0					
		CL	SANDY LEAN CLAY, trace Gravel, brown, moist, very stiff (Glacial Till)			
				5-8-9 (17)		LL=35, PL=16, PI=19 P200=53%

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I-80 & I-380/US 218 Interchange
Johnson County
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BORING: **BR2753 (cont.)**
LOCATION: Station 8544+81, Rt. 2

DRILLER: J.Miller/K.Elliott | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/7/14** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	Symbol	Description of Materials (Soil-ASTM D2488 or D2487, Rock-USACE EM1110-1-2908)	BPF	WL	Tests or Notes
710.5	30.0		SANDY LEAN CLAY, trace Gravel, brown, moist, very stiff (Glacial Till) *(continued)*			
				5-8-9 (17)		
702.5	38.0					
		CL	SANDY LEAN CLAY, trace Gravel, gray, moist, very stiff (Glacial Till)	9-11-14 (25)		
				7-12-14 (26)		LL=35, PL=15, PI=20 P200=61%
				7-10-15 (25)		
				4-4-5 (9)		
				5-6-7 (13)		

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BORING: **BR2753 (cont.)**
LOCATION: Station 8544+81, Rt. 2

DRILLER: J.Miller/K.Elliott | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/7/14** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	Symbol	Description of Materials (Soil-ASTM D2488 or D2487, Rock-USACE EM1110-1-2908)	BPF	WL	Tests or Notes
680.5	60.0		SANDY LEAN CLAY, trace Gravel, gray, moist, very stiff (Glacial Till) *(continued)*			
				4-7-10 (17)		
				4-4-9 (13)		
				4-7-10 (17)		
				4-5-6 (11)		
657.5	83.0					
		SP	POORLY GRADED SAND, trace Gravel, fine- to medium-grained, gray, moist, medium dense to dense (Glacial Outwash)	8-4-7 (11)		
				20-35-100/7" *		*135 blows for 13 inches.

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BORING: **BR2753 (cont.)**
LOCATION: Station 8544+81, Rt. 2

DRILLER: J.Miller/K.Elliott | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/7/14** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	Symbol	Description of Materials (Soil-ASTM D2488 or D2487, Rock-USACE EM1110-1-2908)	BPF	WL	Tests or Notes
650.5	90.0		POORLY GRADED SAND, trace Gravel, fine- to medium-grained, gray, moist, medium dense to dense (Glacial Outwash) *(continued)*			
				12-10-15 (25)		
				11-10-18 (28)		
				15-21-23 (44)		*No recovery
633.5	107.0			*		*100 blows for 2 inches. No recovery
			AUGER REFUSAL AT 107 FEET.			
			Water level obscured due to mud rotary drilling method.			
			Boring then backfilled.			

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