BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2758**

LOCATION: Station 8552+88, Lt. 1

DRILLER: R.Hunt/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **12/7/15** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
697.0	0.0							
696.5	0.5	TS	Topsoil					
		CL	SANDY LEAN CLAY, trace Gravel, light brown, moist, rather stiff (Glacial Till)					
				4-5-6 (11)		15		LL=31, PL=13, PI=18 P200=57%
				4-6-6 (12)				
684.0	13.0							
		CL	SANDY LEAN CLAY, trace Gravel, gray, moist, rather stiff to very stiff (Glacial Till)	3-6-5 (11)				
				3-5-5 (10)				
				3-5-5 (10)				
				4-4-6 (10)				

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BORING: **BR2758 (cont.)**
LOCATION: Station 8552+88, Lt. 1

DRILLER: R.Hunt/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **12/7/15** | SCALE: **1" = 3.8'**

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
667.0	30.0		SANDY LEAN CLAY, trace Gravel, gray, moist, rather stiff to very stiff (Glacial Till) *(continued)*					
				4-8-10 (18)				
				4-5-5 (10)				
				6-6-7 (13)		17		LL=33, PL=13, PI=20 P200=63%
				5-6-8 (14)				
				5-8-8 (16)				
640.0	57.0	CL	LEAN CLAY, trace Sand, black, dry, stiff to hard (Glacial Lacustrine)					
				6-8-8 (16)		22		LL=39, PL=21, PI=18 P200=92%

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DRILLER: R.Hunt/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **12/7/15** | SCALE: **1" = 3.8'**

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
637.0	60.0							
			LEAN CLAY, trace Sand, black, dry, stiff to hard (Glacial Lacustrine) *(continued)*					
634.0	63.0							
		ML	SILT with SAND, black, dry, hard (Glacial Lacustrine)	10-17-17 (34)		51		LL=NA, PL=NP, PI=NA P200=79%
630.0	67.0							
		SP-SM	POORLY GRADED SAND with SILT, trace Gravel, fine- to coarse-grained, greenish gray, wet, medium dense (Glacial Outwash)	9-15-16 (31)				No recovery
				6-6-11 (17)		22		LL=NA, PL=NP, PI=NA P200=9%
				9-10-12 (22)				
615.0	82.0							
		LS	Highly weathered LIMESTONE (Bedrock)	*				*50 blows for 0 inches.
610.0	87.0							
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedded, moderately fractured, light gray (Bedrock)					Run 1 : 87' to 93' Recovery= 97% RQD= 63%

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
607.0	90.0							
			Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedded, moderately fractured, light gray (Bedrock) *(continued)*			2	163	q_u= 10,300 psi
604.0	93.0							
			AUGER REFUSAL AT 87 FEET.					
			END OF BORING.					
			Water observed at 72 feet while drilling.					
			Boring then backfilled.					

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