BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2761A**

LOCATION: Station 8557+60, CL

DRILLER: K.Elliot/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **9/7/16** | 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 %	Tests or Notes
675.0	0.0						
674.3	0.8	TS	Topsoil				
		CL	SANDY LEAN CLAY, brown and gray, moist, rather soft (Alluvium)	2-2-2 (4)		21	LL= 21, PL= 28, PI= 17 P200= 70%
670.0	5.0						
		SP-SM	POORLY GRADED SAND with SILT, trace Gravel, fine- to medium-grained, brown and gray, moist, loose (Alluvium)	2-2-3 (5)		18	LL= NA, PL= NP, PI= NP P200= 11%
662.0	13.0						
		SC	CLAYEY SAND with GRAVEL, fine- to coarse-grained, moist, loose (Glacial Outwash)	15-9-9 (18)		17	LL= 33, PL= 15, PI= 18 P200= 44%
657.0	18.0						
		CL	SANDY LEAN CLAY, trace Gravel, gray, moist, hard (Glacial Till)	10-15-20 (35)		12	LL= 30, PL= 15, PI= 15 P200= 56%
				15-25-25 (50)			
648.5	26.5						
		LS	Highly weathered LIMESTONE (Bedrock)	*			*100 blows for 0 inches. No recovery

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BORING: **BR2761A (cont.)**
LOCATION: Station 8557+60, CL

DRILLER: K.Elliot/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **9/7/16** | SCALE: **1" = 3.8'**

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	Tests or Notes
645.0	30.0		Highly weathered LIMESTONE (Bedrock) *(continued)*				
641.0	34.0			*			*100 blows for 0 inches. No recovery
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedding, highly fractured, light gray				Run 1: 34' to 38' REC= 94% RQD= 94%
637.0	38.0						
		LS	Slightly weathered LIMESTONE, moderately hard, fine-grained, massive bedding, moderately fractured, light gray				Run 2: 38' to 48' REC= 100% RQD= 98%
							Run 3: 48' to 58' REC= 100% RQD= 98%
							Run 4: 58' to 64' REC= 90% RQD= 83%

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	Tests or Notes
615.0	60.0						
			Slightly weathered LIMESTONE, moderately hard, fine-grained, massive bedding, moderately fractured, light gray *(continued)*				
611.0	64.0						
			AUGER REFUSAL AT 34 FEET.				
			END OF BORING.				
			Water observed at 12 feet while drilling.				
			Boring then backfilled.				

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