BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2467**

LOCATION: Station 2546+33, Lt. 34

DRILLER: K.Elliott/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **7/8/15** | 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
742.6	0.0							
741.9	0.7	TS	Topsoil					
		FILL	FILL: Lean Clay, brown and gray, moist	2-3-3 (6)				
736.6	6.0	CL	LEAN CLAY, trace Organics, brown and gray, wet, soft (Loess)	WH-WH-2 (2)				
729.6	13.0	CL	SANDY LEAN CLAY, trace Gravel, brown and gray, moist, rather soft to medium (Glacial Till)	1-2-2 (4)				
				2-3-2 (5)				
				2-3-3 (6)	▽			An open triangle in the water level (WL) column indicates the depth at which groundwater was observed while drilling.
				2-3-4 (7)				

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BORING: **BR2467 (cont.)**
LOCATION: Station 2546+33, Lt. 34

DRILLER: K.Elliott/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **7/8/15** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 712.6	Depth feet 30.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
			SANDY LEAN CLAY, trace Gravel, brown and gray, moist, rather soft to medium (Glacial Till) *(continued)*					
709.6	33.0							
		CL	SANDY LEAN CLAY, trace Gravel, with SAND seams, gray, moist, rather soft to hard (Glacial Till)	WH-2-2 (4)				
				8-9-6 (15)				
				4-6-8 (14)				
				3-4-5 (9)				
				3-4-6 (10)				
				4-5-7 (12)		15		LL=31, PL=14, PI=17 P200= 61%

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BORING: **BR2467 (cont.)**
LOCATION: Station 2546+33, Lt. 34

DRILLER: K.Elliott/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **7/8/15** | 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
682.6	60.0		SANDY LEAN CLAY, trace Gravel, with SAND seams, gray, moist, rather soft to hard (Glacial Till) *(continued)*					
				13-18-18 (36)				
				5-6-7 (13)				
669.6	73.0							
		SC	CLAYEY SAND, trace Gravel, fine- to medium-grained, brown and gray, moist, loose (Glacial Outwash)	9-7-7 (14)		18		P200= 28%
664.6	78.0							
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, moist, rather stiff (Glacial Till)	3-4-7 (11)				
659.6	83.0							
		SP-SC	POORLY GRADED SAND with CLAY, trace Gravel, fine- to medium-grained, brown and gray, moist, medium dense to very dense (Glacial Outwash)	11-15-16 (31)				
				6-6-16 (22)				

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BORING: **BR2467 (cont.)**

LOCATION: Station 2546+33, Lt. 34

DRILLER: K.Elliott/T.Henkes | METHOD: 3 1/4" HSA, Autohammer | DATE: **7/8/15** | 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
652.6	90.0		POORLY GRADED SAND with CLAY, trace Gravel, fine- to medium-grained, brown and gray, moist, medium dense to very dense (Glacial Outwash) *(continued)*	20-26-25 (51)				
646.6	96.0	CL	SANDY LEAN CLAY with GRAVEL and occasional Boulders, gray, moist, hard (Glacial Till)					
629.6	113.0	LS	Highly weathered LIMESTONE	*				*50 blows for 0 inches. No recovery
622.6	120.0			*				*50 blows for 0 inches. No recovery

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(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 622.6	Depth feet 120.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
		LS	Slightly weathered LIMESTONE, hard, moderately fractured, massive bedded, fine-grained, light gray (Bedrock)					Run 1: 120' to 129' Recovery = 99% RQD= 97%
						1	162	qu=10,000 psi
						1	161	Run 2: 129' to 132.7' Recovery = 100% RQD= 86% qu=11,000 psi
609.9	132.7							
			AUGER REFUSAL AT 120 FEET.					
			END OF BORING.					
			Water observed at 25 feet while drilling.					
			Boring then backfilled.					

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