BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2993**

LOCATION: Station 2539+25, CL

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/7/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 762.1	Depth feet 0.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	Tests or Notes
		CL	SANDY LEAN CLAY, trace Gravel, brown, moist to wet, medium to very stiff (Glacial Till)				
				2-3-4 (7)			
				5-7-9 (16)		15	LL= 32, PL= 15, PI= 17 P200= 56%
				6-7-10 (17)			
				6-8-12 (20)			
				4-8-12 (20)			
				5-10-12 (22)			

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I-80 & I-380/US 218 Interchange
Johnson County
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BORING: **BR2993 (cont.)**
LOCATION: Station 2539+25, CL

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/7/16** | 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
732.1	30.0						
			SANDY LEAN CLAY, trace Gravel, brown, moist to wet, medium to very stiff (Glacial Till) *(continued)*				
				5-10-16 (26)			
				4-6-10 (16)			
				4-5-10 (15)			
717.1	45.0						
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, moist to wet, stiff to very stiff (Glacial Till)				
				15-12-15 (27)			
				7-10-17 (27)			
				7-10-12 (22)			

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BORING: **BR2993 (cont.)**
LOCATION: Station 2539+25, CL

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/7/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 702.1	Depth feet 60.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	Tests or Notes
			SANDY LEAN CLAY, trace Gravel, dark gray, moist to wet, stiff to very stiff (Glacial Till) *(continued)*				
				4-6-8 (14)		17	LL= 34, PL= 15, PI= 19 P200= 62%
				5-7-10 (17)			
				3-6-9 (15)			
				4-8-10 (18)			
				4-6-9 (15)			
				5-8-10 (18)			

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BORING: **BR2993 (cont.)**
LOCATION: Station 2539+25, CL

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/7/16** | 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
672.1	90.0						
			SANDY LEAN CLAY, trace Gravel, dark gray, moist to wet, stiff to very stiff (Glacial Till) *(continued)*	4-7-9 (16)			
663.6	98.5			20-30-100/5" *			*130 blows for 11 inches.
		SM	SILTY SAND, fine-grained, dark gray, wet, very dense (Glacial Outwash)				
660.1	102.0						
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, moist to wet, very stiff (Glacial Till)	9-11-12 (23)			
655.1	107.0						
		SM	SILTY SAND, fine-grained, dark gray, moist to wet, dense (Glacial Outwash)	10-20-25 (45)		20	LL= NA, PL= NP, PI= NP P200= 33%
				11-27-27 (54)			No recovery
				*			*100 blows for 2 inches. No recovery

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LOCATION: Station 2539+25, CL

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/7/16** | 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
642.1	120.0						
			SILTY SAND, fine-grained, dark gray, moist to wet, dense (Glacial Outwash) *(continued)*				
639.1	123.0						
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, moist, hard (Glacial Till)	*			*100 blows for 9 inches.
				*			*100 blows for 0 inches. No recovery
632.1	130.0						
			END OF BORING.				
			Water level obscured due to mud rotary drilling method.				
			Boring then backfilled.				

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