BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2992**

LOCATION: Station 2537+43, Lt. 26

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/12/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 762.8	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, medium to very stiff (Glacial Till)				
				2-2-4 (6)			
				2-4-7 (11)		23	LL= 33, PL= 14, PI= 19 P200= 55%
				3-7-9 (16)			
				3-5-10 (15)			
				3-7-12 (19)			
				3-10-12 (22)		14	LL= 31, PL= 13, PI= 18 P200= 54%

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LOG OF BORING

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I-80 & I-380/US 218 Interchange
Johnson County
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BORING: **BR2992 (cont.)**
LOCATION: Station 2537+43, Lt. 26

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/12/16** | 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
732.8	30.0						
			SANDY LEAN CLAY, trace Gravel, brown, medium to very stiff (Glacial Till) *(continued)*				
				3-9-14 (23)			
				6-11-15 (26)			
719.8	43.0						
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, moist, stiff to very stiff (Glacial Till)	4-7-11 (18)			
				5-7-12 (19)			
				5-10-10 (20)			
				6-7-10 (17)			

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BORING: **BR2992 (cont.)**
LOCATION: Station 2537+43, Lt. 26

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/12/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 702.8	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, stiff to very stiff (Glacial Till) *(continued)*				
				6-7-10 (17)			
				5-7-10 (17)			
				4-6-10 (16)			
				4-7-11 (18)			
				11-7-12 (19)			
				5-6-10 (16)			

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BORING: **BR2992 (cont.)**
LOCATION: Station 2537+43, Lt. 26

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/12/16** | 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
672.8	90.0						
			SANDY LEAN CLAY, trace Gravel, dark gray, moist, stiff to very stiff (Glacial Till) *(continued)*				
669.8	93.0						
		SC	CLAYEY SAND, fine-grained, dark gray, moist to wet, dense to very dense (Glacial Outwash)	14-18-27 (45)			
				16-21-25 (46)			
				12-15-20 (35)			
				11-17-19 (36)			No recovery
			Possible Cobbles from 113 1/2 feet to 131 1/2 feet.	12-30-37 (67)			No recovery
				21-40-49 (89)			No recovery

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BORING: **BR2992 (cont.)**
LOCATION: Station 2537+43, Lt. 26

DRILLER: K.Elliot/C.Gracey | METHOD: 3 1/4" HSA, Autohammer | DATE: **10/12/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 642.8	Depth feet 120.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	Tests or Notes
			CLAYEY SAND, fine-grained, dark gray, moist to wet, dense to very dense (Glacial Outwash) *(continued)*				
				*			*100 blows for 6 inches. No recovery
				*			*100 blows for 0 inches. No recovery
631.3	131.5						
			AUGER REFUSAL.				
			Water level obscured due to mud rotary drilling method.				
			Boring then backfilled.				

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