



GEOTEK ENGINEERING & TESTING SERVICES, INC.
 909 E 50th St N
 SIOUX FALLS, SD 57104
 (605) 335-5512 Fax (605) 335-0773
 info@geotekeng.com

PRELIMINARY
ENVIRONMENTAL SOIL BORING LOG /
WELL CONSTRUCTION INFORMATION

GEOTEK # 23-0579		BORING / WELL NO. 1 (1 of 1)			Well Construction Details	
PROJECT Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitch						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>96.3 ft</u> ↓					
2	FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist to wet, 10" of gravel at the surface	FILL			1	HSA
	LEAN CLAY WITH SAND: a little gravel, brown, moist, stiff to very stiff, petroleum odor below 7' (CL)	GLACIAL TILL			2	SPT
				▼	3	SPT
					4	SPT
					5	SPT
					6	SPT
					7	SPT
16	Bottom of borehole at 16 feet.					
WATER LEVEL MEASUREMENTS				START	5-11-23 COMPLETE 5-11-23 12:08 pm	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD 3.25" ID Hollow Stem Auger	
		SURFACE	TOR / TOC			
5-11-23	12:08 pm	7.0	--	89.3		
5-11-23	3:28 pm	5.0	--	▼ 91.3		
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ENVIRONMENTAL WELL LOG 23-0579.GPJ GEOTEKENG.GDT 5/16/23



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GEOTEK # 23-0579		BORING / WELL NO. 2 (1 of 1)			Well Construction Details	
PROJECT Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitch						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>95.6 ft</u> 1 FILL, MOSTLY LEAN CLAY: very dark brown, moist FILL, MOSTLY LEAN CLAY WITH SAND: a little gravel, brown and dark brown, moist, firm 3½ LEAN CLAY WITH SAND: a little gravel, mottled brown and gray, moist, stiff, (CL) 9½ SANDY LEAN CLAY: a trace of gravel, brown, moist, stiff to very stiff, (CL) 16 Bottom of borehole at 16 feet.	FILL FILL GLACIAL TILL GLACIAL TILL			1 HSA 2 SPT 3 SPT 4 SPT 5 SPT 6 SPT 7 SPT	
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 10:07 am</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	10:07 am	13.0	--	82.6	3.25" ID Hollow Stem Auger	
5-11-23	2:14 pm	7.0	--	▼ 88.6		
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--	--	--	--	--	CREW CHIEF <u>Mike Wagner</u>	

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GEOTEK # <u>23-0579</u>		BORING / WELL NO. <u>3 (1 of 1)</u>		Well Construction Details		
PROJECT <u>Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitchell</u>						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>98.4 ft</u> FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist, stiff, 12" of gravel at the surface	FILL			1	HSA
					2	SPT
5	LEAN CLAY WITH SAND: a little gravel, mottled brown and gray, moist, stiff, petroleum odor below 7' (CL)	GLACIAL TILL			3	SPT
					4	SPT
9½	SANDY LEAN CLAY: a trace of gravel, brown, moist to wet, very stiff, petroleum odor (CL)	GLACIAL TILL			5	SPT
					6	SPT
14½	LEAN CLAY WITH SAND: a little gravel, brown, moist, very stiff, (CL)	GLACIAL TILL		▼	7	SPT
16	Bottom of borehole at 16 feet.					
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 1:06 pm</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	1:06 pm	14.0	--	▼ 84.4	3.25" ID Hollow Stem Auger	
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GEOTEK # <u>23-0579</u>		BORING / WELL NO. <u>4 (1 of 1)</u>		Well Construction Details		
PROJECT <u>Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitchell</u>						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>97.8 ft</u> ↓					
2	FILL, MOSTLY LEAN CLAY: very dark brown, moist, 8" of gravel at the surface	FILL			1	HSA
2	FILL, MOSTLY SAND: a little gravel, fine to medium grained, brown, moist, medium dense	FILL			2	SPT
4½	LEAN CLAY WITH SAND: a little gravel, mottled brown and gray, moist, stiff to very stiff, (CL)	GLACIAL TILL			3	SPT
					4	SPT
				▼	5	SPT
					6	SPT
					7	SPT
16	Bottom of borehole at 16 feet.					
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 2:00 pm</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	2:04 pm	10.0	--	▼ 87.8	3.25" ID Hollow Stem Auger	
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GEOTEK # <u>23-0579</u>		BORING / WELL NO. <u>5 (1 of 1)</u>			Well Construction Details	
PROJECT <u>Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitchell</u>						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>97.3 ft</u> FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist, 8" of gravel at the surface	FILL			1	HSA
					2	SPT
5	LEAN CLAY WITH SAND: a little gravel, mottled brown and gray, moist, stiff to very stiff, (CL)	GLACIAL TILL			3	SPT
					4	SPT
					5	SPT
					6	SPT
					7	SPT
16	Bottom of borehole at 16 feet.					
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 10:43 am</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	10:43 am	NONE	--	--	3.25" ID Hollow Stem Auger	
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GEOTEK # 23-0579		BORING / WELL NO. 6 (1 of 1)			Well Construction Details	
PROJECT Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitchell						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	↓ SURFACE ELEVATION <u>98.3 ft</u>					
2	FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist, 8" of gravel at the surface	FILL			1	SPT
	SANDY LEAN CLAY: black, moist, firm, (CL)	BURIED TOPSOIL			2	SPT
4½	SANDY LEAN CLAY: very dark brown, moist, firm, (CL)	FINE ALLUVIUM			3	SPT
6	Bottom of borehole at 6 feet.					
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 3:17 pm</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	3:17 pm	NONE	--	--	3.25" ID Hollow Stem Auger	
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GEOTEK # 23-0579					BORING / WELL NO. 7 (1 of 1)			Well Construction Details	
PROJECT Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitch									
DEPTH in FEET	DESCRIPTION OF MATERIAL ↓ SURFACE ELEVATION <u>95.7 ft</u>				GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
								NO.	TYPE
	FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist, stiff, 8" of gravel at the surface				FILL			1	SPT
								2	SPT
5								3	SPT
6	LEAN CLAY WITH SAND: a little gravel, mottled brown and gray, moist, stiff, (CL)				GLACIAL TILL				
	Bottom of borehole at 6 feet.								
WATER LEVEL MEASUREMENTS						START <u>5-11-23</u>	COMPLETE <u>5-11-23 2:55 pm</u>		
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD				
		SURFACE	TOR / TOC						
5-11-23	2:55 pm	NONE	--	--	3.25" ID Hollow Stem Auger				
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GEOTEK # 23-0579		BORING / WELL NO. 8 (1 of 1)			Well Construction Details	
PROJECT Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitchell						
DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE	
					NO.	TYPE
	SURFACE ELEVATION <u>96.8 ft</u> FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist, less than 4" of topsoil fill at the surface	FILL			1	SPT
					2	SPT
					3	SPT
6	Bottom of borehole at 6 feet.					
WATER LEVEL MEASUREMENTS				START <u>5-11-23</u>	COMPLETE <u>5-11-23 2:34 pm</u>	
DATE	TIME	DEPTH BELOW		WATER ELEVATION	METHOD	
		SURFACE	TOR / TOC			
5-11-23	2:34 pm	NONE	--	--	3.25" ID Hollow Stem Auger	
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