

PROJECT NAME: HARDWICK SLIDE PROJECT NUMBER: ST 030-3(4)
 SITE NAME: RT.15 SITE NUMBER: MUDSLIDE
 STATION: 202+07 GROUND ELEVATION: 943.85 ft
 OFFSET: 248.00 GROUNDWATER DEPTH: 7.99 ft 6/08/04
 VTSPG: N 729723.30 ft E 1676395.41 ft PROJECT PIN NUMBER: 04E060

BORING CREW BORING RIG: TRUCK
 CREW CHIEF: SOMERS BORING TYPE: WASH BORE
 DRILLER: SOMERS SAMPLE TYPE: SPLIT BARREL
 LOGGER: ELIASSEN CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
Top of Well Elevation: 946.1 ft										
		A-4, SaSi, brn, Moist, Rec. = 1.0 ft, Well casing above ground level = 2.5 feet.		18	19.2	9.1	36.9	54.0		
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft		14	17.6	0.5	26.3	73.2		
5		A-4, SaSi, brn, Moist, Rec. = 1.1 ft		11	29.1	1.4	21.6	77.0		
		A-4, Si, brn, Wet, Rec. = 1.6 ft		8	32.5	0.1	4.7	95.2		
		A-4, SaGrSi, brn, Wet, Rec. = 1.1 ft, Ground water elevation (from top of well casing) = 10.49 feet 06/08/04 3:30PM		7	19.6	23.5	22.4	54.1		
10		A-4, GrSi, brn, Wet, Rec. = 1.4 ft, Sample was tested for Limits.		11	17.1	29.1	18.9	52.0		
		Loose Silt & Rock fragments, brn, Wet, Rec. = 0.3 ft, 12.0 ft - 14.0 ft, Stone in Sampler.		20						
15		Broken Rock particles, 14.0 ft - 15.0 ft, Advanced casing to 17.0'		R						
		A-4, Si, gry, Moist, Rec. = 1.4 ft		97	14.8	8.6	13.7	77.7		
20		A-4, SaSi HP, gry, Moist, Rec. = 1.0 ft		R	8.4	5.7	29.3	65.0		
25		A-4, SaSi HP, gry, Moist, Rec. = 0.9 ft		R	12.0	3.9	22.2	73.9		
30		A-4, SaSi HP, gry, Moist, Rec. = 1.4 ft		R	13.8	5.5	32.9	61.6		

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35		A-4, Cisi HP, gry, Moist, Rec. = 1.9 ft		R	18.4	0.0	7.7	92.3	33	10
40		A-6, SICI HP, gry, Moist, Rec. = 1.9 ft		53	19.9	0.0	5.3	94.7	33	11
		A-6, SICI HP, gry, Moist, Rec. = 2.0 ft		61	25.5	0.0	1.6	98.4	37	14
45		A-7-6, Cl, gry, Moist, Rec. = 1.0 ft		R	32.5	0.3	7.7	92.0	42	20
		A-4, Cisi HP, gry-brn, Moist			18.2	16.8	21.2	62.0	27	9
		A-2-4, SiGrSa HP, gry-brn, Moist			14.0	33.4	37.3	29.3		
		Visual Class: A-2-4, Gr Sa, Insufficient sample for testing., Dark brown, Moist, 46.0 ft - 46.3 ft		R						
		Visual Class: Broken Rock., gry, Moist, 48.0 ft - 48.2 ft		R						
50		Boulders & Till, 48.5 ft - 50.0 ft								
		A-4, SaSi, brn, Moist, Rec. = 0.3 ft		R	14.3	15.3	41.2	43.5		
		Visual Class: A-2-4, Sa Gr, Insufficient sample for testing., brn, MTW, Rec. = 0.2 ft, 52.0 ft - 52.5 ft		R						
55		Visual Class: A-2-4, Sa Gr, Insufficient sample for testing., brn, MTW, Rec. = 0.3 ft, 55.0 ft - 55.5 ft		R						
60		BXDC, Boulders & Till, 60.0 ft - 64.0 ft								

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				RUN	REC (%)	REC (%)	Dip (deg)	Drill Rate (min/ft)			
65											
70		No Recovery, 70.0 ft - 70.5 ft		R							
		Top of Bedrock @ 73.8 ft									
75		Gray, Meta-Limestone, Some stained jointing, Hard, Unweathered, BXGDC, 73.8 ft - 78.5 ft, Rec. = 2.0 ft		1	43	16					
80		Dark gray, Phyllite, Numerous closely spaced stained joints., Moderately hard, BXGDC, 78.5 ft - 80.5 ft, Rec. = 3.75 ft		2	71	0	60				
		Gray, Meta-Limestone, Some stained jointing., Hard, 80.5 ft - 81.5 ft									
		Dark gray, Phyllite, Some stained jointing., Moderately hard, 81.5 ft - 82.25 ft									
85		Alternating gray meta-limestone and dark gray phyllite, Hard to Moderately hard, Numerous stained jointing., BXGDC, 83.8 ft - 88.8 ft, Rec. = 3.2 ft		3	64	0	50				
90		Hole stopped @ 88.8 ft									
		DRILLERS NOTE'S: A Monitoring Well MW-1 was installed 5.0 feet West of B-1. Monitoring Well depth was 19.5 feet.									
95											

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