

**VTrans** Working to Get You There  
 STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 MATERIALS & RESEARCH SECTION  
 SUBSURFACE INFORMATION

BORING NUMBER: B-2 MW-2  
 SHEET 1 of 3  
 DATE STARTED: 5/27/04  
 DATE COMPLETED: 6/08/04

PROJECT NAME: HARDWICK SLIDE  
 SITE NAME: RT.15  
 STATION: 201+65  
 OFFSET: 221.00  
 VTSPG: N 729752.67 ft E 1676342.02 ft

PROJECT NUMBER: ST 030-3(4)  
 SITE NUMBER: MUDSLIDE  
 GROUND ELEVATION: 937.4 ft  
 GROUNDWATER DEPTH: 6.58 ft 6/08/04  
 PROJECT PIN NUMBER: 04E060

BORING CREW  
 CREW CHIEF: SOMERS  
 DRILLER: SOMERS  
 LOGGER: ELIASSEN

BORING RIG: TRUCK  
 BORING TYPE: WASH BORE  
 SAMPLE TYPE: SPLIT BARREL  
 CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	WELL DIAGRAM	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		Visual Class: A-2-4, Sa with Loam, brn, Moist, Rec. = 0.5 ft, 0.0 ft - 2.0 ft, Well casing above ground = 2.1 feet.		16	20.4					
		Visual Class: A-2-4, Sa Si with Broken Rock, brn, Dry, Rec. = 0.9 ft, 2.0 ft - 4.0 ft		52	4.3					
5		Visual Class: A-4, Sa Si with Broken Rock, brn, MTW, Rec. = 0.5 ft, 4.0 ft - 6.0 ft		R	10.3					
		A-4, SaSi, gry, Moist, Rec. = 0.7 ft		39	15.5	4.8	24.9	70.3		
		A-4, SaSi, gry, Moist, Rec. = 1.6 ft		62	12.7	14.3	30.3	55.4		
10		A-4, SaSi, gry, Moist, Rec. = 1.2 ft		R	11.4	13.8	34.0	52.2		
		A-4, SaSi, gry, Moist, Rec. = 1.4 ft		R	11.4	12.8	36.8	50.4		
15		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		R	10.3	18.2	36.1	45.7		
		A-6, SiCl, gry, Moist, Rec. = 1.2 ft		66	18.4	1.8	11.5	86.7	29	11
		A-6, SiCl, gry, Moist, Rec. = 1.5 ft		R	18.3	0.2	2.2	97.6	35	15
20		A-6, SiCl, gry, Moist, Rec. = 1.6 ft		R	18.4	4.7	14.2	81.1	27	11
		A-4, CiSi, gry, MTW, Rec. = 1.7 ft		64	16.3	6.5	33.2	60.3	21	7
25		A-6, Cl, gry, MTW, Rec. = 1.0 ft		R	23.0	5.6	9.1	85.3	40	20
		A-2-4, GrSiSa, gry-brn, Moist, Rec. = 0.8 ft		R	9.7	27.0	39.0	34.0		
		Visual Class: A-2-4, Gr Si, brn, Moist, Rec. = 0.5 ft, 28.0 ft - 29.0 ft, Insufficient sample for testing.		R						
30		Visual Class: A-2-4, Gr Si, brn, Moist, Rec. = 0.3 ft, 29.0 ft - 29.5 ft, Insufficient sample for testing.		R						

LOG OF BORING HARDWICK ST030-3(4).DPR.VT.MOT.GBT 9/7/06

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 SHEET 2 of 3  
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35		A-7-6, Cl, gry, Moist, Rec. = 0.5 ft		R	31.4	1.6	3.8	94.6	50	27
		A-7-6, SiCl, gry, Moist, Rec. = 2.0 ft		60	31.8	0.0	2.8	97.2	41	19
40		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		78	30.3	0.0	3.0	97.0	42	20
		A-4, CiSi, gry, Moist, Iron stained lamina.		R	18.4	0.4	17.6	82.0	26	9
		A-4, CiSi, gry, Moist, Rec. = 0.5 ft		R	25.1	1.4	26.9	71.7	24	8
		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft		R	14.7	19.5	52.4	28.1		
		A-4, SaSi, brn, Moist, Iron stained lamina.		R	17.9	0.5	33.7	65.8		
45		A-4, SaSi, gry-brn, Moist, Rec. = 0.8 ft		R	16.1	5.7	43.1	51.2		
		A-4, SaSi, brn, Moist, Rec. = 1.0 ft, Iron stained lamina.		R	15.7	4.3	41.1	54.6		
		Rock particles, 47.7 ft - 48.0 ft		R						
50		Visual Class: A-1-b, Gr with Broken rock particles, Rec. = 0.3 ft, 49.0 ft - 49.5 ft, Insufficient sample for testing.		R						
		A-2-4, SiSa, gry, Moist, Rec. = 0.4 ft		R	17.4	17.1	54.7	28.2		
		A-1-a, SaGr, Rec. = 0.2 ft		R	11.7	72.9	24.7	2.4		
		BXDC, Boulder, 53.4 ft - 54.2 ft								
		BXMD, Boulders, 54.2 ft - 56.2 ft								
60		No Rec., On Rock, 61.3 ft - 62.1 ft		R						

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 SHEET 3 of 3  
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65		A-2-4, GrSiSa, gry-brn, MTW, Rec. = 0.5 ft		R	19.5	30.7	36.5	32.8		
		Gray, Phyllitic Schist, Some stained jointing., Moderately hard, BXMD, 68.0 ft - 68.5 ft, Rec. = 2.7 ft		1	54	10	55			
70		Meta-Limestone, Some stained jointing, Hard, 68.5 ft - 73.0 ft								
		Gray, Meta-Limestone, Hard, Unweathered, BXMD, 73.0 ft - 78.0 ft, Rec. = 4.0 ft		2	80	75	60			
75		Hole stopped @ 78.0 ft								
80		DRILLERS NOTE'S: A Monitoring Well MW-2 was installed.								
85										
90										
95										

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