

PROJECT NAME: HARDWICK SLIDE PROJECT NUMBER: ST 030-3(4)
 SITE NAME: RT.15 SITE NUMBER: MUDSLIDE
 STATION: 201+77 GROUND ELEVATION: 928.28 ft
 OFFSET: 193.80 GROUNDWATER DEPTH: 11.2 ft 8/11/04
 VTSPG: N 729778.54 ft E 1676362.26 ft PROJECT PIN NUMBER: 04E060

BORING CREW BORING RIG: LAG TRACK RIG
 CREW CHIEF: HOLT BORING TYPE: WASH BORE
 DRILLER: DRILLER SAMPLE TYPE: SPLIT BARREL
 LOGGER: PUALWAN 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: 930.64 ft										
		A-4, SaSi, Dk/brn, Moist, Rec. = 1.2 ft, Well casing above ground = 2.4 feet.		3	34.7	4.2	46.8	49.0		
5	XXXX	Visual Class: Silt Asphalt & Wood, Possible Fill Material, Dk/brn, Moist, Rec. = 1.3 ft, 2.0 ft - 4.0 ft		3	17.6					
	XXXX	Visual Class: Silt & Asphalt, Possible Fill Material, Dk/brn, Moist, Rec. = 1.0 ft, 4.0 ft - 6.0 ft		4	11.5					
	XXXX	Visual Class: Asphalt & Silt, Possible Fill Material, Dk/brn, MTW, Rec. = 0.5 ft, 6.0 ft - 8.0 ft		7	12.3					
	XXXX	Visual Class: Asphalt with Sa Gr, Possible Fill Material, brn, Moist, Rec. = 0.6 ft, 8.0 ft - 10.0 ft		15	10.5					
10	XXXX	Visual Class: Gr & Rubber, Possible Fill Material, blk, Moist, Rec. = 0.3 ft, 10.0 ft - 12.0 ft		58	11.2					
		A-4, Si, Lt/brn, MTW, Rec. = 1.2 ft		4	39.8	2.7	13.3	84.0		
15		A-4, Si, Lt/brn, MTW, Rec. = 1.0 ft		3	32.3	6.8	13.0	80.2		
		A-4, SaSi, Dk/brn, MTW, Rec. = 0.2 ft		4	12.3	13.4	35.5	51.1		
20	OO	Visual Class: A-2-4, Gr Sa, brn, Wet, Rec. = 1.2 ft, 18.0 ft - 20.0 ft		2	22.8					
		A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft		9	28.5	20.9	26.0	53.1		
		A-4, SaSi, gry, Moist, Rec. = 0.9 ft		16	13.0	13.1	34.1	52.8		
25	XXXX	A-6, SiCl with small varved layers of Silt, gry, Moist, Rec. = 1.4 ft		12	26.3	0.4	4.4	95.2	36	14
		A-7-6, Cl, gry, Moist, Rec. = 0.2 ft		76	30.5	0.3	5.6	94.1	46	23
		A-7-6, Cl with varved layers at 40-45 degree angle, gry, Moist, Rec. = 2.0 ft		25	33.9	0.0	7.8	92.2	44	20
30		A-7-6, Cl with few varved layer with very little angle, gry, Moist, Rec. = 2.0 ft		11	34.1	0.0	8.0	92.0	51	26

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		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		81	27.9	0.0	3.3	96.7	50	24
35		A-6, SiCl, gry, Moist			21.2	0.3	24.4	75.3	33	14
		A-4, SaSi, brn, Moist		R	18.0	1.1	36.4	62.5	24	4
		A-4, SaSi, brn-gry, Moist, Rec. = 1.6 ft, Tested NP			17.2	9.2	33.4	57.4		
		A-6, SaCl, gry, Moist, Rec. = 1.8 ft		R	27.1	3.7	51.9	44.4	33	13
		A-4, SiSa, gry, Moist			14.5	8.6	53.3	38.1		
40		Visual Class: Broken Rock particles, NXDC, gry, Moist, Rec. = 0.4 ft, 38.0 ft - 40.0 ft		R						
		A-1-a, SaGr HP Till, gry, Moist, Rec. = 0.6 ft		R	10.2	50.8	38.6	10.6		
45		NXDC, Boulder, 43.8 ft - 44.5 ft								
		A-1-b, SaGr HP Till, gry, Moist, Rec. = 0.5 ft		R	8.7	55.6	28.6	15.8		
50		A-4, SiSa HP, gry-brn, Moist, Rec. = 0.9 ft		R	12.8	10.2	53.4	36.4		
		A-2-4, SiGrSa HP, brn, Moist			9.8	27.7	47.0	25.3		
55		A-4, SaSi, gry, Moist, Rec. = 0.8 ft		R	19.5	1.4	23.0	75.6		
60		A-4, Si, gry, Moist, Rec. = 1.1 ft		R	25.3	0.0	7.0	93.0	27	3

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											RUN	REC (%)		
65		A-4, Si, gry, Moist, Rec. = 1.3 ft		R	24.9	1.1	17.8	81.1						
		NXDC, Cleaned out casing and cored ahead, 67.0 ft - 70.0 ft												
70		Visual Class: A-2-4, Si Sa with Weathered Rock, gry with streaks of yellow, Moist, Rec. = 0.3 ft, 70.0 ft - 71.0 ft		R										
		Gray, Phyllite, Moderately soft to moderately hard, Moderately to severely weathered, NXGDC, 71.5 ft - 73.5 ft, Rec. = 4.1 ft		1	82	20	70							
		Gray, Meta-Limestone, Moderately hard to hard, Unweathered, 73.5 ft - 75.3 ft												
75		Gray, Phyllite, Moderately soft to moderately hard, Moderately to severely weathered, 75.3 ft - 76.5 ft		2	88	60	70							
		Gray, Phyllite, Moderately hard, Moderately weathered, NXGDC, 76.5 ft - 77.5 ft, Rec. = 4.4 ft												
80		Gray, Meta-Limestone, Moderately hard to hard, Unweathered, 77.5 ft - 81.5 ft												
		Hole stopped @ 81.5 ft												
85		DRILLERS NOTE'S: An inclinometer Well INC-2 was installed. There was no water in B-4, on the day of INC-2 installation.												
90														
95														

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