

VT <small>Working to Get You There</small> Vermont Agency of Transportation		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-3 SHEET 1 of 2 DATE STARTED: 8/03/04 DATE COMPLETED: 8/06/04			
PROJECT NAME: BETHEL SITE NAME: BR-30 STATION: 1+175.00 OFFSET: -6.50 VTSPG: N 145032.93 m E 487710.57 m		PROJECT NUMBER: BHF 0241(30)S SITE NUMBER: RT.12 GROUND ELEVATION: 182.92 m GROUNDWATER DEPTH: 3.47 m 8/06/04 PROJECT PIN NUMBER: 95C002					
BORING CREW CREW CHIEF: SOMERS DRILLER: SOMERS LOGGER: PUALWAN		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL CHECKED BY: DLG					
DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.5		A-4, SaSi, Lt/gry, Moist, Rec. = 0.18 m	5	20.1	5.4	36.6	58.0
1.0		A-1-b, SiGr, gry, Moist, Rec. = 0.18 m	23	11.6	62.5	15.8	21.7
1.5		A-4, SiSa, brn, Moist, Rec. = 0.42 m	4	29.7	1.6	52.1	46.3
2.0		A-4, SiSa, brn, Moist, Rec. = 0.36 m A-1-a, SaGr, brn, Moist	38	21.7 10.9	4.5 57.4	58.3 32.6	37.2 10.0
2.5		A-1-b, SaGr, brn, Moist, Rec. = 0.30 m A-4, SaSi HP, Lt/gry, Moist	59	10.3 14.3	43.1 6.9	37.5 23.0	19.4 70.1
3.0		A-4, SaSi, Lt/gry, Moist, Rec. = 0.36 m	66	14.2	1.8	20.2	78.0
3.5		A-4, Si, Lt/gry, Moist, Rec. = 0.12 m	R	29.9	2.0	17.9	80.1
4.0		A-4, Si, gry, Moist, Rec. = 0.33 m	74	17.0	12.8	18.2	69.0
4.5		A-4, SaSi, gry, Moist, Rec. = 0.24 m	58	17.2	4.1	33.4	62.5
5.0		A-4, Si, gry, Moist, Rec. = 0.48 m	73	29.4	0.2	10.3	89.5
6.0		Visual Class: A-2-4, Gr Sa Si, gry, Moist, Rec. = 0.09 m, 6.10 m - 6.23 m, Insufficient Sample for testing.	R				
6.5		A-4, Si, gry, Moist, Rec. = 0.09 m	R	25.7	5.0	13.9	81.1
7.0		A-4, Si, gry, Moist, Rec. = 0.18 m A-4, SaSi, gry, Moist	85	29.4 19.3	3.8 5.0	8.8 44.7	87.4 50.3
7.5		A-4, SaSi, gry, Moist, Rec. = 0.36 m	83	26.9	2.9	23.5	73.6
8.0		A-4, Si, gry, Moist, Rec. = 0.45 m	76	33.0	0.6	6.1	93.3

LOG OF BORING BETHEL BHF0241(30)S.GPJ VT AOT.GDT 8/30/06

VT <small>Working to Get You There</small> Vermont Agency of Transportation		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING NUMBER: B-3 SHEET 2 of 2 DATE STARTED: 8/03/04 DATE COMPLETED: 8/06/04			
PROJECT NAME: BETHEL SITE NAME: BR-30 STATION: 1+175.00 OFFSET: -6.50 VTSPG: N 145032.93 m E 487710.57 m		PROJECT NUMBER: BHF 0241(30)S SITE NUMBER: RT.12 GROUND ELEVATION: 182.92 m GROUNDWATER DEPTH: 3.47 m 8/06/04 PROJECT PIN NUMBER: 95C002					
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DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	ROD (%)	Dip (deg)	Drill Rate (min/0.3m)
10.5		Appears to be Rock particles, 10.60 m - 11.20 m, Insufficient Sample for testing.	R				
11.0							
11.5							
12.0		A-1-a, SaGr with broken & crushed rock, gry/grn, Moist, Rec. = 0.26 m	R	11.1	56.8	28.8	14.4
12.5		Cleaned out casing, 12.70 m - 13.60 m					
13.0							
13.5							
14.0		Gray, Quartz-mica Schist, Not Competent, Moderately hard, Unweathered, BXGDC, 13.70 m - 13.90 m, Rec. = 0.19 m	1	95	0	40	
14.5		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXGDC, 13.90 m - 15.40 m, Rec. = 1.50 m	2	100	92	40	
15.0							
15.5		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXGDC, 15.40 m - 16.90 m, Rec. = 1.50 m	3	100	70	40	
16.0							
16.5							
17.0		Hole stopped @ 16.90 m					

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