

VTrans Working to Get You There
 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: 105+74
 OFFSET: -21.33
 VTSPG: N 475829.82 ft E 1600100.30 ft

PROJECT NUMBER: BHF 0241(30)S
 SITE NUMBER: RT.12
 GROUND ELEVATION: 600.14 ft
 GROUNDWATER DEPTH: 11.38 ft 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 (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
5		A-4, SaSi, Lt/gry, Moist, Rec. = 0.59 ft	5	20.1	5.4	36.6	58.0
		A-1-b, SiGr, gry, Moist, Rec. = 0.59 ft	23	11.6	62.5	15.8	21.7
		A-4, SiSa, brn, Moist, Rec. = 1.38 ft	4	29.7	1.6	52.1	46.3
		A-4, SiSa, brn, Moist, Rec. = 1.18 ft	38	21.7	4.5	58.3	37.2
		A-1-a, SaGr, brn, Moist	10.9	10.9	57.4	32.6	10.0
		A-1-b, SaGr, brn, Moist, Rec. = 0.98 ft	59	10.3	43.1	37.5	19.4
		A-4, SaSi HP, Lt/gry, Moist	14.3	14.3	6.9	23.0	70.1
		A-4, SaSi, Lt/gry, Moist, Rec. = 1.18 ft	66	14.2	1.8	20.2	78.0
		A-4, Si, Lt/gry, Moist, Rec. = 0.39 ft	R	29.9	2.0	17.9	80.1
		A-4, Si, gry, Moist, Rec. = 1.08 ft	74	17.0	12.8	18.2	69.0
		A-4, SaSi, gry, Moist, Rec. = 0.79 ft	58	17.2	4.1	33.4	62.5
		A-4, Si, gry, Moist, Rec. = 1.57 ft	73	29.4	0.2	10.3	89.5
		Visual Class: A-2-4, Gr Sa Si, gry, Moist, Rec. = 0.3 ft, 20.01 ft - 20.4 ft, Insufficient Sample for testing.	R				
		A-4, Si, gry, Moist, Rec. = 0.3 ft	R	25.7	5.0	13.9	81.1
		A-4, Si, gry, Moist, Rec. = 0.59 ft	85	29.4	3.8	8.8	87.4
		A-4, SaSi, gry, Moist	19.3	19.3	5.0	44.7	50.3
		A-4, SaSi, gry, Moist, Rec. = 1.18 ft	83	26.9	2.9	23.5	73.6
		A-4, Si, gry, Moist, Rec. = 1.48 ft	76	33.0	0.6	6.1	93.3
		Appears to be Rock particles, 34.78 ft - 36.75 ft, Insufficient Sample for testing.	R				

LOG OF BORING BETHEL BHF0241(30)S.GPJ VT ADT.GDT 8/5/08

ABUTMENT #2
 BOTTOM PILE CAP
 ELEV. 590.25

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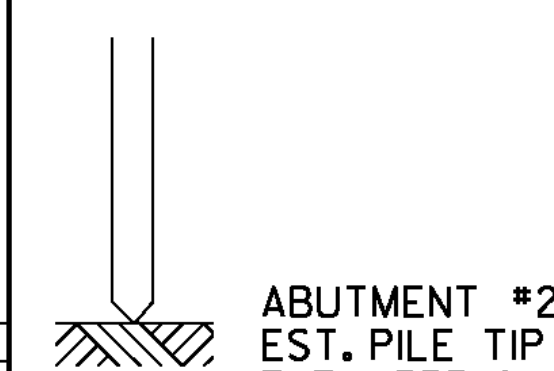
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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
40		A-1-a, SaGr with broken & crushed rock, gry/grn, Moist, Rec. = 0.85 ft	R	11.1	56.8	28.8	14.4
		Cleaned out casing, 41.67 ft - 44.62 ft					
		Top of Bedrock @ 44.95 ft					
45		Gray, Quartz-mica Schist, Not Competent, Moderately hard, Unweathered, BXGDC, 44.95 ft - 45.6 ft, Rec. = 0.62 ft	1	95	0	40	
		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXGDC, 45.6 ft - 50.52 ft, Rec. = 4.92 ft	2	100	92	40	
50		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXGDC, 50.52 ft - 55.45 ft, Rec. = 4.92 ft	3	100	70	40	
55		Hole stopped @ 55.45 ft					

LOG OF BORING BETHEL BHF0241(30)S.GPJ VT ADT.GDT 8/5/08



ABUTMENT #2
 EST. PILE TIP
 ELEV. 555.19

PROJECT NAME: BETHEL
 PROJECT NUMBER: BHF 0241(30)

FILE NAME: s95c002bor.254/236.gn
 PROJECT LEADER: M. EVANS-MONGEON
 DESIGNED BY: U. STANLEY
 BORING LOG SHEET 2

PLOT DATE: 31-AUG-2011
 DRAWN BY: M. LONGSTREET
 CHECKED BY: U. STANLEY
 SHEET 39 OF 64