



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 4/01/04
 DATE COMPLETED: 4/01/04

PROJECT NAME: BETHEL
 SITE NAME: VT. 12
 STATION: 1+161+00
 OFFSET: 0.00
 VTSPG: N 147867.41 m E 489224.80 m

PROJECT NUMBER: BR 0241(33)C/2
 SITE NUMBER: BR 31
 GROUND ELEVATION: 182.73 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 02C180

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: RUSSELL

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 (%)
0.00 - 0.08		Asphalt, 0.00 m - 0.08 m					
1.50 - 2.00		A-2-4, SiSa, gry, Moist, Rec. = 0.30 m	41	11.0	5.8	71.2	23.0
3.00 - 3.50		A-2-4, SiSa, gry, Moist, Rec. = 0.38 m	36	12.9	16.9	60.6	22.5
4.50 - 5.10		Visual Classification: Broken Concrete with Stones, gry, Moist, Rec. = 0.15 m, 4.50 m - 5.10 m	42	12.8			
6.00 - 6.50		A-2-4, SiSa, gry, Moist, Rec. = 0.28 m	44	16.3	2.1	66.1	31.8
6.60		Hole stopped @ 6.60 m					
7.00		DRILLER'S NOTES: No water found 04/01/04.					

LOG OF BORING BETHEL BR0241(33)C2.GPJ VT_AOT.GDT 8/30/06



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BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 3/31/04
 DATE COMPLETED: 3/31/04

PROJECT NAME: BETHEL
 SITE NAME: VT. 12
 STATION: 1+152+50
 OFFSET: 0.00
 VTSPG: N 147862.46 m E 489218.39 m

PROJECT NUMBER: BRF 0241(33)C/2
 SITE NUMBER: BR 31
 GROUND ELEVATION: 183.09 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 02C180

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: RUSSELL

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 (%)
0.00 - 0.13		Asphalt, 0.00 m - 0.13 m					
1.50 - 2.00		A-2-4, SiSa, gry, Moist, Rec. = 0.38 m	68	13.7	19.8	58.4	21.8
3.00 - 3.50		A-2-4, SiSa, gry, Moist, Rec. = 0.30 m	6	15.1	18.4	58.8	22.8
4.50 - 5.10		Visual Classification: Broken Concrete with Sand, gry, Moist, Rec. = 0.30 m, 4.50 m - 5.10 m	44	8.6			
5.50 - 6.00		A-1-b, GrSa, gry, Moist, Rec. = 0.12 m	3	16.9	33.4	56.7	9.9
6.00 - 6.10		Hole stopped @ 6.10 m					
6.50 - 7.50		DRILLER'S NOTES: No water found 04/01/04.					

LOG OF BORING BETHEL BRF0241(33)C2.GPJ VT.ADT.GDT 8/30/06



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BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 3/29/04
 DATE COMPLETED: 3/30/04

PROJECT NAME: BETHEL
 SITE NAME: VT. 12
 STATION: 1+141+40
 OFFSET: 0.00
 VTSPG: N 147857.50 m E 489211.98 m

PROJECT NUMBER: BRF 0241(33)C/2
 SITE NUMBER: BR 31
 GROUND ELEVATION: 183.43 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 02C180

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: RUSSELL

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 (%)
0.00 - 0.09		Asphalt, 0.00 m - 0.09 m					
1.50 - 2.00		A-2-4, SiSa, gry, Moist, Rec. = 0.30 m	55	12.9	10.3	68.3	21.4
3.00 - 3.60		Visual Classification: Broken Concrete with Sand, gry, Moist, Rec. = 0.40 m, 3.00 m - 3.60 m	23	10.5			
4.95		Hole stopped @ 4.95 m DRILLER'S NOTES: No water found 03/30/04.					

LOG OF BORING BETHEL BRF0241(33)C2.GPJ VT_AOT.GDT 8/30/06



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BORING NUMBER: B-104
 SHEET 1 of 1
 DATE STARTED: 3/29/04
 DATE COMPLETED: 3/29/04

PROJECT NAME: BETHEL
 SITE NAME: VT. 12
 STATION: 1+134+50
 OFFSET: 0.00
 VTSPG: N 147852.55 m E 489205.57 m

PROJECT NUMBER: BRF 0241(33)C/2
 SITE NUMBER: BR 31
 GROUND ELEVATION: 183.58 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 02C180

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: RUSSELL

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 (%)
0.00 - 0.10		Asphalt, 0.00 m - 0.10 m					
1.50 - 2.00		A-2-4, Sa, gry, Moist, Rec. = 0.30 m	48	16.4	17.9	62.6	19.5
3.00 - 3.60		Visual Classification: Broken Concrete with Sand, gry, Moist, Rec. = 0.25 m, 3.00 m - 3.60 m	14	11.9			
4.50 - 5.10		A-4, SIsa, gry, Moist, Rec. = 0.27 m	56	18.0	1.4	53.0	45.6
5.10 - 5.10		Hole stopped @ 5.10 m					
5.50 - 7.50		DRILLER'S NOTES: No water found 03/29/04.					

LOG OF BORING BETHEL BRF0241(33)C2.GPJ VT_AOT.GDT 8/30/06