

RECORD OF ABUTMENT CORE B-10											
PROJECT NAME: RT 9 ROAD IMPROVEMENT SITE NAME: BRATTLEBORO VT STATION: 50+34.35 GROUND EL.: 85.1 (APPROX.)			PROJECT NUMBER: 993-6874 SITE NO.: OFFSET: 2.0 LT C.W. DEPTH: 6 (APPROX.)			HOLE NO.: B-10 SHEET 1 OF 1 DATE STARTED: 03/05/00 DATE COMPLETED: 10/06/00			BORING CREW: DRILLER: B. BOURASSA & B. McGLASHAN LOGGER: TKA CHECKED: TKA ADDITIONAL CREW:		
DEPTH SCALE METERS	DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE			SAMPLES			SAMPLE DESCRIPTIONS AND BORING NOTES		
			USCS	GRAPHIC LOG	ELEVATION	NUMBER	TYPE	BLOWS / 6 INCHES		N	REC. V.A.T.
0	0	SOIL			85.1	S1	D.O.	2-2-6-25/0*	8	0/18	0.0-1.5 Loose, c-f SAND trace f-gravel and silt (EMBANKMENT FILL)
1	1	ABUTMENT			84.6						1.5-7.7 GRANITE BLOCKS
2	2	SOIL			82.8						7.7-11.0 ZERO RECOVERY AND DRILLER REPORTS THAT AT THE TIME OF DRILLING HE THOUGHT THAT HE MAY HAVE WENT THROUGH SOIL
3	3	ABUTMENT			81.7						11.0-13.0 GRANITE BLOCKS
4	4	SOIL			81.1						13.0-14.5 ZERO RECOVERY AND DRILLER REPORTS THAT AT THE TIME OF DRILLING HE THOUGHT THAT HE MAY HAVE DRILLED THROUGH SOIL
5	5	PIECE OF BEDROCK			80.7						14.5-14.7 PIECE OF BEDROCK
5	5	ABUTMENT			80.6						14.7-15.3 GRANITE BLOCK (PARTIAL - HOLE LEFT BY SPLITTING DEVICE VISIBLE IN WEDGE)
5	5	BEDROCK - PHYLLITE			80.4						15.3-16.8 BEDROCK: PHYLLITE
5	5	BOTTOM OF BORING @ 16.8			80.0						NOTE: RUN NO. 3 STARTED AT 11.0 BECAUSE CORE BARREL REDRILLED A NEW PATH.
DRILL RIG: SKID RIG DRILLING CONTRACTOR: Con-Tec Inc. DRILLER: B. BOURASSA & B. McGLASHAN			LOGGED: TKA CHECKED: TKA DATE:			SHEET 1 OF 1					

RECORD OF BOREHOLE B-11											
PROJECT NAME: RT 9 ROAD IMPROVEMENT SITE NAME: BRATTLEBORO VT STATION: 50+36.0 GROUND EL.: 86.1 (APPROX.)			PROJECT NUMBER: 993-6874 SITE NO.: OFFSET: 0.25 LT C.W. DEPTH: 6 (APPROX.)			HOLE NO.: B-11 SHEET 1 OF 1 DATE STARTED: 03/06/00 DATE COMPLETED: 10/06/00			BORING CREW: DRILLER: B. BOURASSA LOGGER: TKA CHECKED: TKA ADDITIONAL CREW:		
DEPTH SCALE METERS	DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE			SAMPLES			SAMPLE DESCRIPTIONS AND BORING NOTES		
			USCS	GRAPHIC LOG	ELEVATION	NUMBER	TYPE	BLOWS / 6 INCHES		N	REC. V.A.T.
0	0	SOIL			86.1	S1	D.O.	1-1-1-1	2	8/24	0.0-2.0 Loose, mottled dark brown and yellow brown, c-f SAND, some f-gravel and silt, f-rootlets, sl. moist to moist
1	1	SOIL			85.5	S2	D.O.	2-2-1-1	3	2/24	2.0-4.0 Loose, mottled dark brown and yellow brown, f-SAND and GRAVEL, trace to little m-SAND, trace c-SAND and SILT, sl. moist to moist
2	2	SOIL			84.9	S3	D.O.	4-3-4-4	7	10/24	4.0-10.0 Loose, gray brown and yellow brown, c-f SAND to f-SAND, trace to some gravel and silt, v. moist above water table and very wet to saturated below the water table
3	3	SOIL			84.3	S4	D.O.	4-3-4-4	7	8/24	6.0-7.0 Loose, mottled gray, c-f SAND, little gravel, wet
3	3	SOIL			83.7	S5	D.O.	5-4-3-3	7	10/24	7.0-8.0 Loose, yellow brown m-f SAND, some silt, wet
3	3	SOIL			83.1	S6	D.O.	3-2-2-2	4	8/24	8.0-9.0 Loose, yellow brown f-SAND, trace to little silt, v. moist
3	3	SOIL			82.4	S7	D.O.	2-2-2-3	4	15/24	9.0-10.0 Loose, mottled gray, c-f SAND, trace to little gravel, v. wet
4	4	SOIL			81.8	S8	D.O.	5-4-2-6	6	9/24	10.0-11.0 Loose, mottled gray brown, c-f SAND, trace to little gravel, v. wet to sat.
4	4	SOIL			81.2	S9	D.O.	8-9-16-14	25	21/24	11.0-12.0 Loose, gray, f-SAND, trace to little silt, v. wet to sat.
5	5	SOIL			80.6						12.0-14.0 Loose, gray brown to gray m-f SAND, little silt, trace c-sand and gravel, 3-4" piece of wood, v. wet to sat.
5	5	SOIL			80.4						14.0-16.0 Loose, gray, c-f SAND, little gravel and silt, pieces of wood, v. wet to saturated
5	5	SOIL			80.4						16.0-18.0 Compact gray brown, c-f SAND, trace to little gravel, trace silt, v. wet to sat.
6	6	SOIL			80.4						18.0-18.7 BEDROCK (WEATHERED): Phyllite
6	6	SOIL			80.4						18.7-23.7 BEDROCK - Phyllite
6	6	BOTTOM OF BORING @ 23.7			78.9						Coring from 18.7-23.7 bgs
DRILL RIG: SKID RIG DRILLING CONTRACTOR: Con-Tec Inc. DRILLER: B. BOURASSA			LOGGED: TKA CHECKED: TKA DATE:			SHEET 1 OF 1					

RECORD OF BOREHOLE B-12											
PROJECT NAME: RT 9 ROAD IMPROVEMENT SITE NAME: BRATTLEBORO VT STATION: 50+20.42 GROUND EL.: 86.0			PROJECT NUMBER: 993-6874 SITE NO.: OFFSET: 0.10 LT C.W. DEPTH: 6 (APPROX.)			HOLE NO.: B-12 SHEET 1 OF 1 DATE STARTED: 09/06/00 DATE COMPLETED: 12/06/00			BORING CREW: DRILLER: B. BOURASSA LOGGER: TKA CHECKED: TKA ADDITIONAL CREW:		
DEPTH SCALE METERS	DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE			SAMPLES			SAMPLE DESCRIPTIONS AND BORING NOTES		
			USCS	GRAPHIC LOG	ELEVATION	NUMBER	TYPE	BLOWS / 6 INCHES		N	REC. V.A.T.
0	0	SOIL			86.0						0.0-2.0 No recovery due to ballast in shoe
1	1	SOIL			85.4	S1	D.O.	1-2-1-1	1 1/2	0/24	2.0-4.0 Loose, mottled dark brown and yellow brown, c-f SAND, some f-gravel and silt, sl. moist to moist
2	2	SOIL			84.8	S2	D.O.	1-3-3-4	6	6/24	2.0-9.5 Loose, mottled dark brown and yellow brown, c-f SAND to f-SAND and GRAVEL, trace silt to c-f SAND and SILT, trace gravel, very moist to very wet
3	3	SOIL			84.2	S3	D.O.	9-4-2-2	6	3/24	4.0-5.0 Loose, mottled, c-f SAND and GRAVEL, trace silt and organics, v. moist to wet
3	3	SOIL			83.6	S3	D.O.	3-2-4-4	6	6/24	5.0-6.75 Loose, yellow brown, m-f SAND and SILT, trace c-sand and gravel, v. moist to wet
3	3	SOIL			83.0	S4	D.O.	12-13-13-7	26*	0/24	6.75-7.50 Loose, mottled, c-f SAND, little to some gravel, wet to v. wet
3	3	SOIL			82.3	S4	D.O.	7-6-2-2	8	9/24	7.5-8.0 Loose, yellow brown, m-f SAND and SILT, trace c-sand and gravel, v. moist to wet
4	4	SOIL			81.7	S5	D.O.	3-3-6-7	9	15/24	8.0-10.0 No recovery - Driller reports that it is likely due to a piece of gravel
4	4	SOIL			81.7	S6	D.O.	11-12-3-25	15	14/24	10.0-12.0 Loose, yellow brown, f-SAND and SILT, trace c-m sand and gravel, very wet to saturated
5	5	SOIL			81.0	S7	D.O.	50/3*	250	2/3	12.0-14.0 Loose, gray brown to yellow brown, f-SAND, little to some m-sand, and silt, v. wet to sat.
5	5	SOIL			81.0						14.0-16.0 Compact, gray, m-f SAND, little c-sand, gravel and silt, v. wet to sat. (piece of weathered bedrock in shoe)
5	5	SOIL			81.0						15.0-15.5 Possible clay lens (not observed)
5	5	SOIL			81.0						16.0-16.25 BEDROCK (weathered) phyllite
5	5	BOTTOM OF BORING @ 16.25			81.0						* DRILLER REPORTS THAT ELEVATED BLOW COUNTS PROBABLY DUE TO ENCOUNTER WITH A LARGE PIECE OF GRAVEL.
DRILL RIG: SKID RIG DRILLING CONTRACTOR: Con-Tec Inc. DRILLER: B. BOURASSA			LOGGED: TKA CHECKED: TKA DATE:			SHEET 1 OF 1					