CLOUGH, HARBOUR & ASSOCIATES LLP
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS

Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-3

PROJECT NUMBER: 10760.1000.1502 3/5/02 — Page 1 of 1

LOCATION: North Bennington, Vermont — DRILL FLUID: Water @ 0.6m — DRILLING METHOD: 102mm FJC

CLIENT: Vermont Agency of Transportation

CONTRACTOR: VAOT

DRILLER: Ray — INSPECTOR: CWS

START DATE: 2-28-02 — FINISH DATE: 2-28-02

START TIME: 1:15:00 PM — FINISH TIME: 4:20:00 PM

SURFACE ELEV: 183.60 (m; Estimated) — CHECKED BY: MSQ

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)
	3-1-02	9:45 AM	Dry	None	1.68

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S-1	0.61	0.12	2-3-3-9	6				TOPSOIL f.c. GRAVEL, little silt, little f.m.c. sand, brown, loose, moist (FILL)		Rock fragments in shoe, S-1; S-1 tested for electrochemical properties	
S-2	0.43	0.24	14-19-43/.12	R		1		Rock Fragments, little silt, little f.m.c. sand, brown/gray, v. compact, wet (Completely Weathered Bedrock)	183	Casing grinds at 0.6 meters; S-2 tested for grain size distribution and moisture content	
R-1	1.52	1.4	NA	77%		2		DOLOMITE, gray, m. hard, slightly weathered, close to medium fracture spacing, good RQD	182	Occasional vertical fracturing in R-1 and R-2	
R-2	1.52	1.46	NA	83%		3		Similar Bedrock	181		
						4		End of Boring at 4.08 m	180		
						5			179		
									178		

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Proposed Retaining Wall Reconstruction
SUBSURFACE LOG
HOLE NUMBER B-4

PROJECT NUMBER: 10760.1000.1502 3/5/02 — Page 1 of 1

LOCATION: North Bennington, Vermont — DRILL FLUID: Water @ 0.4m — DRILLING METHOD: 102mm FJC

CLIENT: Vermont Agency of Transportation

CONTRACTOR: VAOT

DRILLER: Ray — INSPECTOR: CWS

START DATE: 3-1-02 — FINISH DATE: 3-1-02

START TIME: 7:30:00 AM — FINISH TIME: 10:45:00 AM

SURFACE ELEV: 182.00 (m; Estimated) — CHECKED BY: MSQ

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (m)	CASING BOTTOM (m)	HOLE BOTTOM (m)

SAMP./CORE NUMBER	SAMP. ADV. (m) LEN. CORE (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	"N" Value or RQD%	SAMPLE	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S-1	0.4	0.3	2-7-30/.09	R				TOPSOIL, frozen		Rock fragments in sample S-1; S-1 tested for grain size distribution and moisture content Occasional vertical fracturing in R-1 and R-2	
R-1	1.52	1.52	NA	60%		1		DOLOMITE, gray, m. hard, moderate to slight weathering, close to medium facture spacing, fair RQD	181		
R-2	1.52	1.46	NA	82%		2		RQD becomes good	180		
						3			179		
						4		End of Boring at 3.44 m	178		
						5			177		

DATUM
VERTICAL N/A
HORIZONTAL NAD83 (1996)

BORING LOGS #3

SURVEYED BY L.R.S.C. DATE 4/03
DRAWN BY C.A.K. DATE 3/06
SQUAD LEADER D.E.G.
DESIGN FILE NO. /pave/95dl04/pdl04.dgn
IPARM FILE pdl04bl3.1 DATE PLOTTED 30-AUG-2010 12:
PROJ. NAME NORTH BENNINGTON
PROJ. NO. STP 9646(I)S
SHEET 94 OF 151 SHEETS