

CHA CLOUGH, HARBOUR & ASSOCIATES LLP ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS		Proposed Retaining Wall Reconstruction SUBSURFACE LOG HOLE NUMBER B-7								
PROJECT NUMBER: 10760.1000.1502		3/5/02		Page 1 of 1						
LOCATION: North Bennington, Vermont		DRILL FLUID: Water @ G.S.		DRILLING METHOD: 102mm FJC						
CLIENT: Vermont Agency of Transportation		DATE		TIME						
CONTRACTOR: VAOT		3-13-02		1:43 PM						
DRILLER: Ray		3-25-02		4:45 PM						
INSPECTOR: KEM		WATER DEPTH (m)		CASING BOTTOM (m)						
START DATE: 3-13-02		FINISH DATE: 3-13-02		HOLE BOTTOM (m)						
START TIME: 8:00:00 AM		FINISH TIME: 11:05:00 AM		WATER LEVEL OBSERVATIONS DURING DRILLING						
SURFACE ELEV: 180.40 (m; Estimated)		CHECKED BY: MSQ								
SAMP./CORE NUMBER	SAMP. ADV. (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	% Value or ROD%	DEPTH (Meters)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	0.61	0.27	4-5-14-4	19	180		ASPHALT f.m.c. SAND, Some f.c. Gravel, trace silt, brown, m. compact, wet (FILL)	180	S-1 tested for electrochemical properties, grain size distribution and moist content	
S2	0.61	0.24	5-3-5-6	8	181		f. SAND, Some Silt, little rock fragments, trace clay, brown, loose, moist (FILL)	181	S-2 tested for electrochemical properties, grain size distribution and moist content	
S3	0.3	0.27	19-59/15	R	179		Rock Fragments, little silt, little f. sand, v. compact, wet (Completely Weathered Bedrock)	179	S-3 tested for grain size distribution and moist content	
RI	1.52	1.52	NA	47%	178		DOLOMITE, gray, m. hard, slight weathering, close fracture spacing, poor ROD	178	Vertical fractures upper 0.76 m of R-1 Borehole caved to 1.8 around PVC after removing FJC	
R2	1.52	1.51	NA	81%	177		DOLOMITE, gray, m. hard, slight weathering, close fracture spacing, good ROD	177	Vertical fractures upper 0.46 m of R-2	
							End of Boring at 4.72 m	175		

CHA CLOUGH, HARBOUR & ASSOCIATES LLP ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS		Proposed Retaining Wall Reconstruction SUBSURFACE LOG HOLE NUMBER B-8								
PROJECT NUMBER: 10760.1000.1502		3/5/02		Page 1 of 1						
LOCATION: North Bennington, Vermont		DRILL FLUID: Water @ G.S.		DRILLING METHOD: 102mm FJC						
CLIENT: Vermont Agency of Transportation		DATE		TIME						
CONTRACTOR: VAOT		3-12-02		3-12-02						
DRILLER: Ray		FINISH DATE: 3-12-02		WATER LEVEL OBSERVATIONS DURING DRILLING						
INSPECTOR: CWS		START DATE: 3-12-02		FINISH DATE: 3-12-02						
START DATE: 3-12-02		FINISH DATE: 3-12-02		WATER LEVEL OBSERVATIONS DURING DRILLING						
START TIME: 8:20:00 AM		FINISH TIME: 11:00:00 AM								
SURFACE ELEV: 181.70 (m; Estimated)		CHECKED BY: MSQ								
SAMP./CORE NUMBER	SAMP. ADV. (m)	RECOVERY (m)	Blows Per 0.3m on Split Spoon Sampler	% Value or ROD%	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	0.3	3-4-6-7	10	180		ASPHALT f.m.c. SAND, little silt, little f.c. gravel, brown, m. compact, moist to wet (FILL)	180	S-1 tested for electrochemical properties, grain size distribution and moisture content	
S-2	0.61	0.18	6-7-4-3	11	181		grades to Some Silt, wet (FILL)	181	S-2 tested for grain size distribution and moisture content Rock fragments in sample S-2	
S-3	0.61	0.27	16-36-16-49	52	180		Rock Fragments, Some Silt, Some f.m.c. Sand, brown/gray, v. compact, wet (Completely Weathered Bedrock)	180	S-3 tested for grain size distribution and moisture content Split spoon sampler was bent driving S-3	
RI	1.52	1.43	NA	48%	179		DOLOMITE, gray, m. hard, slightly weathered, close fracture spacing, poor ROD	179		
							End of Boring at 3.35 m	178		
								177		
								176		

DATUM  
VERTICAL N/A  
HORIZONTAL NAD83 (1996)

**BORING LOGS #5**

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/95d104/pd104.dgn  
IPARM FILE pd104b15.1 DATE 20-AUG-2010 12:  
PROJ. NAME NORTH BENNINGTON  
PROJ. NO. STP 9646(1)S  
SHEET 96 OF 151 SHEETS