

BOT. OF FTG. EL. 171.30

CH CLOUGH, HARBOUR & ASSOCIATES LLP		Bennington-Hoosick D.P.L. 0146(1)				
SUBSURFACE LOG		HOLE NUMBER B-790				
PROJECT NUMBER: 3573.07.01	June 1995	Page 2 of 2				
LOCATION: Station 00+093.8 Offset: 3.3m Lt	DRILL FLUID: Water	DRILLING METHOD: F.J.C.				
CLIENT: VAOT	CONTRACTOR: Atlantic Testing	WATER LEVEL OBSERVATIONS DURING DRILLING				
DRILLER: MJL	INSPECTOR: H.Simpson	DATE	TIME			
START DATE: 6/1/95	FINISH DATE: 6/6/95	6/1/95	1945			
SURFACE ELEV.: 173.55m	CHECKED BY: WAH	6/2/95	1900			
		6/5/95	1820			
			25.5m			
			26.52m			
SAMP. CORE NUMBER	RECOVERY	DEPTH (Meters)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, water return, etc	WATER LEVELS AND/OR WELL DATA
S1	14-5-3	11	SILT and f. SAND, trace roots, brown, stiff, moist/wet (A-4)	173.5		
S2	2-2-2-3	4	f. SAND, some SH, brown, loose, wet (A-2-4)	173		
S3	3-4-0-7	26	m.c. SAND, some SH, little f. gravel, brown, dense, wet (A-2-4)	172.5		
S4	7-6-4-6	26	grades to little c. gravel (A-2-4)	172		
S5	5-4-3-2	7	m.c. SAND, little f.c. gravel, little silt, loose (A-1-b)	171.5		
S6	10-14-0-4	26	no recovery	171		
S7	7-8-7-7	15	no recovery	170.5		
S8	5-3-4-4	7	SILT, little f. sand, gray, m. stiff, wet (A-4)	170		
S9	3-3-4-5	7	f. SAND, some SH, gray, m. stiff, wet (A-2-4)	169.5		
S10	3-3-5-6	8	similar soil (A-2-4)	169		
S11	5-6-8-7	14	becomes m. dense (A-2-4)	168.5		
S12	10R-3-4-4	7	f. SAND and SILT, gray, m. stiff, wet (A-4)	168		
S13	3-3-4-4	7	similar soil (A-4)	167.5		
S14	16-5-9-9	26	f. GRAVEL and m.c. SAND, some SH, trace c. gravel, gray, dense, wet (A-2-4)	167		
S15	23-9-6-9	15	f.m.c. SAND, little silt, trace f. gravel, layered, gray, dense, wet (A-2-4)	166.5		
S16	29-5-6-8	23	f.m.c. SAND, some SH, trace f. gravel, gray, dense, wet (A-2-4)	166		
S17	21-6-8-8	34	no recovery	165.5		
S18	8-0-4-3	21	f.m.c. SAND, some SH, little f.c. gravel, gray, dense, wet (A-2-4)	165		

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CH CLOUGH, HARBOUR & ASSOCIATES LLP		Bennington-Hoosick D.P.L. 0146(1)				
SUBSURFACE LOG		HOLE NUMBER B-790				
PROJECT NUMBER: 3573.07.01	March 1996	Page 2 of 2				
LOCATION: Station 00+093.8 Offset: 3.3m Lt	DRILL FLUID: Water	DRILLING METHOD: F.J.C.				
CLIENT: VAOT	CONTRACTOR: Atlantic Testing	WATER LEVEL OBSERVATIONS DURING DRILLING				
DRILLER: MJL	INSPECTOR: H.Simpson	DATE	TIME			
START DATE: 6/1/95	FINISH DATE: 6/7/95	6/1/95	1945			
SURFACE ELEV.: 173.55m	CHECKED BY: WAH	6/2/95	1900			
		6/5/95	1820			
			25.5m			
			26.52m			
SAMP. CORE NUMBER	RECOVERY	DEPTH (Meters)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, water return, etc	WATER LEVELS AND/OR WELL DATA
S19	13-5-14-5	29	becomes dense (A-2-4)	151		
S20	13-10-10-7	20	becomes m. dense (A-2-4)	150.5		
S21	25-65-97-8	R	f.m.c. SAND, some f.c. gravel, some SH, brown, v. dense, wet (A-1-b) (TILL)	150	Laboratory MSHTO classification performed on S21	
S22	16-75-44-26	R	c. GRAVEL, some SH, gray, v. dense, wet (A-1-b) (TILL)	149.5		
S23	150-0-6	R	c. GRAVEL, gray, v. dense, wet (A-1-b)	149		
R1	NA	46%	COLLISION, some quartz and calcite veining, gray, m. hard, slight weathering, thick bedding, close fracturing, poor ROD	148.5	estimated pile type elevation 143.38 m	
R2	NA	53%	similar rock, moderate weathering, fair ROD	148		

Final Depth 32.37 meters

BOT. OF FTG. EL. 171.30

CH CLOUGH, HARBOUR & ASSOCIATES LLP		Bennington-Hoosick D.P.L. 0146(1)				
SUBSURFACE LOG		HOLE NUMBER B-800				
PROJECT NUMBER: 3573.07.01	June 1995	Page 2 of 2				
LOCATION: Station 00+093.8 Offset: 0.2m Rt	DRILL FLUID: Water	DRILLING METHOD: F.J.C.				
CLIENT: VAOT	CONTRACTOR: Atlantic Testing	WATER LEVEL OBSERVATIONS DURING DRILLING				
DRILLER: MJL	INSPECTOR: H.Simpson	DATE	TIME			
START DATE: 6/1/95	FINISH DATE: 6/7/95	6/1/95	1930			
SURFACE ELEV.: 173.79m	CHECKED BY: WAH	6/7/95	1030			
			25.5m			
			26.5m			
SAMP. CORE NUMBER	RECOVERY	DEPTH (Meters)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, water return, etc	WATER LEVELS AND/OR WELL DATA
S1	2-4-4-6	8	SILT, trace f. sand, trace f. gravel, brown, m. stiff, moist (A-4)	173.5		
S2	4-4-4-4	8	SILT, little f. sand, brown, m. stiff, moist (A-4)	173		
S3	4-5-2-4	17	f.m.c. SAND, some SH, some f.c. gravel, brown, v. stiff, moist (A-2-4)	172.5	Laboratory MSHTO classification performed on S3	
S4	15-8-12-40	23	f.m.c. SAND, some SH, some f.c. gravel, brown, m. dense, wet (A-2-4)	172		
S5	8-7-5-4	12	similar soil (A-2-4)	171.5		
S6	5-4-3-3	7	f.m.c. SAND, some SH, trace f.c. gravel, brown, loose wet (A-2-4)	171		
S7	8-7-5-7	12	f.m.c. SAND, some SH, little f. gravel, trace c. gravel, brown, m. dense, wet (A-2-4)	170.5		
S8	6-6-6-5	12	SILT, trace f. sand, gray, stiff, wet (A-4)	170		
S9	4-4-2-3	6	f. SAND and SILT, gray, m. stiff, wet (A-4)	169.5		
S10	4-3-3-4	6	similar soil (A-4)	169		
S11	4-5-7-8	12	f. SAND, some SH, m. dense (A-2-4)	168.5		
S12	4-3-4-5	7	f. SAND, some SH, trace layers of silty clay, gray, m. dense, wet (A-2-4)	168		
S13	1-2-4-5	6	f. SAND and SILT, gray, m. stiff, wet (A-4)	167.5		
S14	6-7-7-9	14	f.m.c. SAND, little f.c. gravel, trace silt, gray, m. dense, wet (A-1-b)	167		
S15	17-8-20-9	38	becomes dense (A-1-b)	166.5		
S16	8-8-4-0	19	f.m.c. SAND, some SH, becomes m. dense (A-2-4)	166		
S17	2-8-4-2	19	similar soil (A-2-4)	165.5	Laboratory MSHTO classification performed on S4	
S18	15-40-35-6	75	f. SAND, some SH, little gravel, trace c. gravel, brown and gray, v. dense, wet (A-2-4)	165	encounter running sands between 18.3 and 15.8 meters	

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CH CLOUGH, HARBOUR & ASSOCIATES LLP		Bennington-Hoosick D.P.L. 0146(1)				
SUBSURFACE LOG		HOLE NUMBER B-800				
PROJECT NUMBER: 3573.07.01	March 1996	Page 2 of 2				
LOCATION: Station 00+093.8 Offset: 0.2m Rt	DRILL FLUID: Water	DRILLING METHOD: F.J.C.				
CLIENT: VAOT	CONTRACTOR: Atlantic Testing	WATER LEVEL OBSERVATIONS DURING DRILLING				
DRILLER: MJL	INSPECTOR: H.Simpson	DATE	TIME			
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SURFACE ELEV.: 173.79m	CHECKED BY: WAH	6/7/95	1030			
			25.5m			
			26.5m			
SAMP. CORE NUMBER	RECOVERY	DEPTH (Meters)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Meters)	Remarks on Character of Drilling, water return, etc	WATER LEVELS AND/OR WELL DATA
S19	10-8-8-8	18	becomes gray, m. dense (A-2-4)	151		
S20	6-1-8-72	25	m. SAND and SILT, trace f.c. gravel, brown, dense, wet (A-4) (TILL)	150.5		
S21	16-14-8-55	32	m. SAND and SILT, little f. gravel, trace c. gravel, brown, dense, wet (A-4) (TILL)	150		
S22	100-0-0	R	m. SAND, boulders and cobbles (A-1-b) (TILL)	149.5		
R1	NA	0%		149		
R2	NA	8%	COLLISION, gray, m. hard, moderate weathering, thick bedding, v. close fracturing, v. poor ROD	148.5	estimated pile tip elevation 143.8m	
R3	NA	0%	similar rock	148		
R4	NA	9%	similar rock	147.5		

Final Depth at 32.8 meters

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BR700
Highway No.	VT. RTE. 9	Log Sta.	
VT. RTE. 9 OVER SILK ROAD AND WALLOOMSAC RIVER		Surv. Sta.	16+800
SOIL BORING LOGS - 8			
Designed By	W. HARRIS	Drawn by	M. CUEAVAS/B. WEATHERBY
Checked By	M. QUINN	Date	6/00
PROJECT		PROJECT NO.	
BENNINGTON-HOOSICK		D.P.L. 0146(1) C/4	
I.G.C. Info.			
Bridge Sheet No. BR713		Sheet 196 OF 385	