



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

BORING NUMBER: B-601
SHEET 1 of 2
DATE STARTED: 10/24/09
DATE COMPLETED: 10/25/09

PROJECT NAME: BENNINGTON
SITE NAME: VT 279
STATION: See Note
OFFSET:
VTSPG NAD83: N 140746.54 ft E 1460425.12 ft

PROJECT NUMBER: NH 019-1(51)
SITE NUMBER: PIER #4
GROUND ELEVATION: 825.98 ft
GROUNDWATER DEPTH: SEE NOTES
PROJECT PIN NUMBER: 06B170

BORING CREW
CREW CHIEF: MELTZER
DRILLER: T. MALLORY (ATL)
LOGGER: MELTZER

BORING RIG: TRUCK CME75 w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: NSM

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0-7		Field Note: ODEX, 0-7 ft.					
7-10		Field Note: Boulder, 7-10 ft.					
10-15		Field Note: ODEX, 10-15 ft.					
15-23		Field Note: Roller coned ahead, 15-23 ft.					
23-24		Shelby Tube, Rec. = 1.0 ft, 23.0 ft - 24.0 ft					
24-90		Field Note: Roller coned ahead, 24-90 ft.					

LOG OF BORING BENNINGTON NH019-1(51).GPJ VT AOT.GDT 4/5/10



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
90		A-4, Si, Moist, Rec. = 0.75 ft, Lt. orange-brn with 1/2 inch white lenses.	71	24.2	0.5	16.1	83.4
		A-4, SaSi, Moist, Rec. = 0.8 ft, Lt. orange-brn with thin white lenses.	76	25.1	3.1	22.0	74.9
100		A-4, Si, Moist, Rec. = 0.9 ft, Lt. orange-gry.	R	27.2	0.6	15.3	84.1
		A-4, Si, Moist, Rec. = 0.7 ft, Lt. orange-tan.	R	19.6	13.3	17.5	69.2
110		A-4, Si, Moist, Rec. = 1.0 ft, Lt. orange-tan with thin white lenses.	97	17.5	11.9	11.0	77.1
120		A-4, SaSi, Moist, Rec. = 0.75 ft, Lt. orange-tan with thin white lenses.	R	19.2	5.6	25.7	68.7
130		A-4, SaSi, Moist, Rec. = 0.75 ft, Dk. orange-red.	R	20.7	6.2	30.9	62.9
		A-4, Si, Moist, Rec. = 1.25 ft, gry-brn with orange tint.	R	20.4	1.9	16.6	81.5
140		A-4, SaSi, Moist, Rec. = 1.5 ft, multi colored (orange-blk-brn-white) layered material.	R	22.0	7.2	31.2	61.6
Hole stopped @ 141.5 ft							
<p>DRILLER'S NOTES:</p> <ol style="list-style-type: none"> 1. Drilled with slurry as needed to depth. 2. Open hole drilling to 110.0 ft. 10/24/09. Hole collapsed over night. Installed casing to 115.0 ft. on 10/25/09. 3. Soil is consistent with GZA's October 2002 report description of lacustrine deposit. 4. Station & Offset (metric) = NB 6+308.1 & 3.0m RT. <p>GROUND WATER TABLES:</p> <ol style="list-style-type: none"> a. 20.75 ft on 10/24/09 b. 3.50 ft on 10/25/09 							

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