



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

BORING NUMBER: B-104
SHEET 1 of 2
DATE STARTED: 1/08/02
DATE COMPLETED: 1/23/02

PROJECT NAME: NEWPORT PROJECT NUMBER: BHO 1449(25)
SITE NAME: MT. VERNON ST. SITE NUMBER: BR-9
STATION: 13+53 GROUND ELEVATION: 690.13 ft
OFFSET: -2.70 GROUNDWATER DEPTH: 9.25 ft 1/24/02
VTSPG: N 888242.16 ft E 1717033.53 ft PROJECT PIN NUMBER: 96J314

BORING CREW BORING RIG: LARGE SKID RIG
CREW CHIEF: TALLMAN BORING TYPE: WASH BORE
DRILLER: TALLMAN SAMPLE TYPE: SPLIT BARREL
LOGGER: RUSSELL CHECKED BY: CCB

LOG OF BORING NEWPORT BHO1449(25).GPJ VT_AOT.GDT 5/13/09

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 0.18		Asphalt pavement, 0.0 ft - 0.18 ft					
0.18 - 0.85		Concrete, 0.18 ft - 0.85 ft					
9.25		Field Note, Lake water at 9.25 ft from top of bridge deck.					
31.0		Field Note, Lake bottom at 31.0 ft					
40.0 - 42.0		Muck, No sample, 40.0 ft - 42.0 ft	WH				
55.0 - 57.0		No Recovery, 55.0 ft - 57.0 ft	2				
57.0 - 67.0		A-1-b, GrSa, gry, Moist, Rec. = 0.15 ft	28	17.5	24.2	61.4	14.4
67.0 - 69.5		A-4, GrSaSi, gry, Moist, Rec. = 0.1 ft	24	15.3	26.0	30.4	43.6
69.5 - 70.0		BXDC, Boulders & Cobbles. Cleaned out casing., 67.0 ft - 69.5 ft					
70.0 - 71.0		Visual Classification, A-2-4, GrSiSa, gry, Moist, Rec. = 0.15 ft	18				



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DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
16.0 - 17.0		Field Note, Trace of gray sand. Insufficient sample.	16				
80.0 - 82.0		No Recovery, 80.0 ft - 82.0 ft	17				
82.0 - 90.0		A-4, Si, gry, Moist, Rec. = 1.0 ft	21	25.8	0.1	1.1	98.8
90.0 - 92.0		A-4, Si, gry, Moist, Rec. = 0.9 ft	12	27.7	0.8	2.9	96.3
92.0 - 94.0		A-4, Si, gry, Moist, Rec. = 0.7 ft	12	29.4	3.4	2.4	94.2
94.0 - 96.0		A-4, SaSi, gry, Moist, Rec. = 0.8 ft	17	23.5	4.2	29.1	66.7
96.0 - 98.0		A-4, Si, gry, Moist, Rec. = 0.9 ft	28	22.3	2.3	9.1	88.6
98.0 - 100.0		A-4, SaSi, gry, Moist, Rec. = 0.7 ft	32	23.7	1.3	20.1	78.6
100.0 - 102.0		A-4, SiSa, gry, Moist, Rec. = 1.2 ft	49	11.0	15.1	43.1	41.8
120.0 - 121.75		Visual Classification: Broken Cobbles, 120.0 ft - 121.75 ft	71				
121.75 - 125.0		No sample, 125.0 ft - 127.0 ft					
125.0 - 130.5		A-4, SaSi (HP), gry, Moist, Rec. = 0.5 ft Appears to be (HP), 130.5 ft - 134.0 ft	R	12.5	9.7	25.7	64.6
130.5 - 136.0		No Recovery. Casing plugged up., 135.0 ft - 136.0 ft	R				
136.0 - 138.0		BXDC, Various types of small broken stones., 136.0 ft - 138.0 ft	R				
138.0 - 138.25		Small broken stones., Rec. = 0.15 ft, 138.0 ft - 138.25 ft, Refusal at 3 inches.	R				
138.25		Hole stopped @ 138.25 ft					