



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

BORING NUMBER: B-305
SHEET 1 of 1
DATE STARTED: 4/16/07
DATE COMPLETED: 4/17/07

PROJECT NAME: BETHEL
SITE NAME: VT-107
STATION: 128+02.00
OFFSET: -34.00
VTSPG: N 483898.90 ft E 1605659.07 ft

PROJECT NUMBER: BRF 022-1(14)
SITE NUMBER: BR-15
GROUND ELEVATION: 526.8 ft
GROUNDWATER DEPTH: 3.0 ft 4/18/07
PROJECT PIN NUMBER: 78F161

BORING CREW
CREW CHIEF: PORTER
DRILLER: PORTER
LOGGER: WERNER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
	x x x	Field Note:, Fill material to level sight.					
	x x x	Field Note:, Fill material to level sight.					
		Field Class:, Cobbles & Boulder, NXDC, Cored ahead					
5		A-2-4, SiSa, brn, Wet, Rec. = 0.9 ft	4	22.8	7.7	59.3	33.0
		Field Note:, No recovery, Wet sand in barrel., NXDC, Cored ahead	4				
		A-1-b, SaGr with Wood pieces., brn, Wet, Rec. = 1.0 ft	40	17.7	48.6	35.1	16.3
10		A-1-b, SaGr, brn, Wet, Rec. = 0.9 ft	38	12.2	44.3	37.8	17.9
		A-2-4, SiSa, brn, Wet, Rec. = 1.0 ft	13	23.9	4.9	69.6	25.5
15		A-2-4, SiSa, brn-gry, Wet, Rec. = 2.0 ft	14	22.4	3.5	69.7	26.8
		A-4, Si, gry, Wet, Rec. = 2.0 ft	24	21.7	0.2	18.6	81.2
		A-4, SaGrSi, gry, Wet, Rec. = 1.7 ft	72	14.5	23.6	21.9	54.5
20		A-4, SaGrSi, gry, Wet, Rec. = 0.75 ft	R	13.0	30.8	24.7	44.5
			R	17.2	31.4	30.9	37.7
25		A-4, SaGrSi, gry, Wet, Rec. = 0.2 ft	1	100	67	60	10
		Light gray, Quartz-biotite gneiss, Competent, Very hard, Unweathered, NXMDC, 25.2 ft - 30.2 ft, Rec. = 5.0 ft					10
							7
							7
30		Light gray, Quartz-biotite gneiss, Competent, Very hard, Unweathered, NXMDC, 30.2 ft - 35.2 ft, Rec. = 5.0 ft	2	100	94	60	9
							9
							9
							8
35		Hole stopped @ 35.2 ft					8

LOG OF BORING - BETHEL - BRF 022-1(14).GRJ - VT - AOT.GDT - 5/23/07