

VTrans STATE OF VERMONT
AGENCY OF TRANSPORTATION
INTERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING LOG
Boring No.: 9-2 (P2)
Page No.: 2 of 3
File No.: 12C300
Checked By: JTV

State STP 0232(17)
750-00.0
Route 100 SMO 0232(17)

Boring Crew: J.B. / A.A. (OCMA), A. Barlow (Geotechnical)
Date Started: 10/06/16 Date Finished: 10/06/16
VSPG MWDs: N 73029.00 H E 1572408.00 H
Station: 100+5 Offset: 17.00
Ground Elevation: 1002 H

Casing: 4 in. 1.30 lb.
Sampler: 1.60 lb. 1.60 lb.
Groundwater Observations (3):
Date: 10/12/16 Depth (ft): 42.4 VSP Fluorometer

Type: L.S.:
Number Wt.: 30 lb. 30 lb.
Number/Fat: 30 lb. 30 lb.
Number/Std Type: Auto
Qty: CMC 500R ATV CE = 1.5

BPT	Depth (ft)	CLASSIFICATION OF MATERIALS (Description)	BPT	Depth (ft)	Moisture (%)	Sand (%)	Silt (%)	Clay (%)	LL (%)	PL (%)	UC	Notes
5	0-1	S1 (0'-1'): Very loose, brown silt to coarse SAND, some fine gravel, little SILT, mod. Occ. = 0.7 H (ASHSTO M145 Classification: A-1-B)	100	7.3	33.5	54.3	12.4	NP	NP			
	1-2	S2 (1'-2'): Medium dense, brown and gray silt to coarse SAND, some (s) silt to coarse gravel, little SILT, mod. Occ. = 0.6 H (ASHSTO M145 Classification: A-1-A)	100	4.1	47.1	41.1	11.8	NP	NP			
	2-3	S3 (2'-3'): Medium dense, brown silt to coarse SAND, some silt to coarse gravel, little SILT, mod. Occ. = 0.6 H (ASHSTO M145 Classification: A-1-A)	100	11.1	31.0	53.0	14.3	NP	NP			
	3-4	S4 (3'-4'): Medium dense, brown silt to coarse SAND, some silt to coarse gravel, little SILT, mod. Occ. = 0.6 H (ASHSTO M145 Classification: A-1-A)	100	0.7	31.4	57.0	10.8	NP	NP			
	4-5	S5 (4'-5'): Medium dense, brown (with gray leaching in lower 3" of sample) silt to coarse SAND, some silt to coarse gravel, little SILT, mod. Occ. = 1.2 H (ASHSTO M145 Classification: A-1-A)	100	17.2	15.2	67.2	17.6	NP	NP			
	5-6	S6 (5'-6'): Loose, brown silt to medium SAND, little SILT, loose fine gravel, mod. Occ. = 0.5 H (ASHSTO M145 Classification: A-2-A)	100	0.1	33.1	53.0	13.0	NP	NP			
	6-7	S7 (6'-7'): Brown, brown and gray silt to coarse SAND, some silt to coarse gravel, little SILT, mod. Occ. = 1.4 H (ASHSTO M145 Classification: A-1-A)	100	0.8	62.1	25.8	11.1	NP	NP			
	7-8	S8 (7'-8'): Very dense, gray and brown silt to coarse GRVEL, some (s) silt to coarse SAND, little SILT, mod. (1) phase of coarse gravel lodged in open sho. Occ. = 0.3 H (ASHSTO M145 Classification: A-1-A)	100	10.4	46.6	35.1	16.3	NP	NP			
	8-9	S9 (8'-9'): Medium dense, gray and brown silt to coarse SAND and silt to coarse GRVEL, little SILT, mod. Occ. = 0.6 H (ASHSTO M145 Classification: A-1-A)	100	11.2	68.0	23.7	13.7	NP	NP			
	9-10	S10 (9'-10'): Inferred Bedrock / Collar										
	10-11	S11 (10'-11'): Inferred Bedrock / Collar										
	11-12	S12 (11'-12'): Inferred Bedrock / Collar										
	12-13	S13 (12'-13'): Inferred Bedrock / Collar										
	13-14	S14 (13'-14'): Inferred Bedrock / Collar										
	14-15	S15 (14'-15'): Inferred Bedrock / Collar										
	15-16	S16 (15'-16'): Inferred Bedrock / Collar										
	16-17	S17 (16'-17'): Inferred Bedrock / Collar										
	17-18	S18 (17'-18'): Inferred Bedrock / Collar										
	18-19	S19 (18'-19'): Inferred Bedrock / Collar										
	19-20	S20 (19'-20'): Inferred Bedrock / Collar										
	20-21	S21 (20'-21'): Inferred Bedrock / Collar										
	21-22	S22 (21'-22'): Inferred Bedrock / Collar										
	22-23	S23 (22'-23'): Inferred Bedrock / Collar										
	23-24	S24 (23'-24'): Inferred Bedrock / Collar										
	24-25	S25 (24'-25'): Inferred Bedrock / Collar										
	25-26	S26 (25'-26'): Inferred Bedrock / Collar										
	26-27	S27 (26'-27'): Inferred Bedrock / Collar										
	27-28	S28 (27'-28'): Inferred Bedrock / Collar										
	28-29	S29 (28'-29'): Inferred Bedrock / Collar										
	29-30	S30 (29'-30'): Inferred Bedrock / Collar										
	30-31	S31 (30'-31'): Inferred Bedrock / Collar										
	31-32	S32 (31'-32'): Inferred Bedrock / Collar										
	32-33	S33 (32'-33'): Inferred Bedrock / Collar										
	33-34	S34 (33'-34'): Inferred Bedrock / Collar										
	34-35	S35 (34'-35'): Inferred Bedrock / Collar										
	35-36	S36 (35'-36'): Inferred Bedrock / Collar										
	36-37	S37 (36'-37'): Inferred Bedrock / Collar										
	37-38	S38 (37'-38'): Inferred Bedrock / Collar										
	38-39	S39 (38'-39'): Inferred Bedrock / Collar										
	39-40	S40 (39'-40'): Inferred Bedrock / Collar										
	40-41	S41 (40'-41'): Inferred Bedrock / Collar										
	41-42	S42 (41'-42'): Inferred Bedrock / Collar										
	42-43	S43 (42'-43'): Inferred Bedrock / Collar										
	43-44	S44 (43'-44'): Inferred Bedrock / Collar										
	44-45	S45 (44'-45'): Inferred Bedrock / Collar										
	45-46	S46 (45'-46'): Inferred Bedrock / Collar										
	46-47	S47 (46'-47'): Inferred Bedrock / Collar										
	47-48	S48 (47'-48'): Inferred Bedrock / Collar										
	48-49	S49 (48'-49'): Inferred Bedrock / Collar										
	49-50	S50 (49'-50'): Inferred Bedrock / Collar										
	50-51	S51 (50'-51'): Inferred Bedrock / Collar										
	51-52	S52 (51'-52'): Inferred Bedrock / Collar										
	52-53	S53 (52'-53'): Inferred Bedrock / Collar										
	53-54	S54 (53'-54'): Inferred Bedrock / Collar										
	54-55	S55 (54'-55'): Inferred Bedrock / Collar										
	55-56	S56 (55'-56'): Inferred Bedrock / Collar										
	56-57	S57 (56'-57'): Inferred Bedrock / Collar										
	57-58	S58 (57'-58'): Inferred Bedrock / Collar										
	58-59	S59 (58'-59'): Inferred Bedrock / Collar										
	59-60	S60 (59'-60'): Inferred Bedrock / Collar										
	60-61	S61 (60'-61'): Inferred Bedrock / Collar										
	61-62	S62 (61'-62'): Inferred Bedrock / Collar										
	62-63	S63 (62'-63'): Inferred Bedrock / Collar										
	63-64	S64 (63'-64'): Inferred Bedrock / Collar										
	64-65	S65 (64'-65'): Inferred Bedrock / Collar										
	65-66	S66 (65'-66'): Inferred Bedrock / Collar										
	66-67	S67 (66'-67'): Inferred Bedrock / Collar										
	67-68	S68 (67'-68'): Inferred Bedrock / Collar										
	68-69	S69 (68'-69'): Inferred Bedrock / Collar										
	69-70	S70 (69'-70'): Inferred Bedrock / Collar										
	70-71	S71 (70'-71'): Inferred Bedrock / Collar										
	71-72	S72 (71'-72'): Inferred Bedrock / Collar										
	72-73	S73 (72'-73'): Inferred Bedrock / Collar										
	73-74	S74 (73'-74'): Inferred Bedrock / Collar										
	74-75	S75 (74'-75'): Inferred Bedrock / Collar										
	75-76	S76 (75'-76'): Inferred Bedrock / Collar										
	76-77	S77 (76'-77'): Inferred Bedrock / Collar										
	77-78	S78 (77'-78'): Inferred Bedrock / Collar										
	78-79	S79 (78'-79'): Inferred Bedrock / Collar										
	79-80	S80 (79'-80'): Inferred Bedrock / Collar										
	80-81	S81 (80'-81'): Inferred Bedrock / Collar										
	81-82	S82 (81'-82'): Inferred Bedrock / Collar										
	82-83	S83 (82'-83'): Inferred Bedrock / Collar										
	83-84	S84 (83'-84'): Inferred Bedrock / Collar										
	84-85	S85 (84'-85'): Inferred Bedrock / Collar										
	85-86	S86 (85'-86'): Inferred Bedrock / Collar										
	86-87	S87 (86'-87'): Inferred Bedrock / Collar										
	87-88	S88 (87'-88'): Inferred Bedrock / Collar										
	88-89	S89 (88'-89'): Inferred Bedrock / Collar										
	89-90	S90 (89'-90'): Inferred Bedrock / Collar										
	90-91	S91 (90'-91'): Inferred Bedrock / Collar										
	91-92	S92 (91'-92'): Inferred Bedrock / Collar										
	92-93	S93 (92'-93'): Inferred Bedrock / Collar										
	93-94	S94 (93'-94'): Inferred Bedrock / Collar										
	94-95	S95 (94'-95'): Inferred Bedrock / Collar										
	95-96	S96 (95'-96'): Inferred Bedrock / Collar										
	96-97	S97 (96'-97'): Inferred Bedrock / Collar										
	97-98	S98 (97'-98'): Inferred Bedrock / Collar										
	98-99	S99 (98'-99'): Inferred Bedrock / Collar										
	99-100	S100 (99'-100'): Inferred Bedrock / Collar										

Notes: 1. Standard flow resistant equipment bearing tested on standard tips. Results may be graded.
2. Water and moisture have been made of these and their conditions noted. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

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