



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

CAMBRIDGE-BAKERSFIELD
STP 2926(1)
VT-108

Boring No.: B-102

Page No.: 1 of 1

Pin No.: 10B258

Checked By: MJB

Boring Crew: GARROW, HOOK, NIETO
Date Started: 8/21/15 Date Finished: 8/21/15
VTSPG NAD83: N 792512.75 ft E 1555715.53 ft
Station: 579+95 Offset: 16.50
Ground Elevation: 518.0 ft

Casing Sampler
Type: WB SS
I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK C_c = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
08/21/15	13.7	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-1		Visual Description: Lots of Asphalt Pavement with sandy gravel, Lt/brn-blk, Moist, Rec. = 0.8 ft	WH-2-1-1 (3)	5.1			
1-5		Field Note: No Recovery	WH-WH-WH-1 (WH)				
5-6		A-1-b, SiGrSa, brn, Moist, Rec. = 0.7 ft	2-2-1-2 (3)	12.2	37.0	38.7	24.3
6-7		Visual Description: Lots of Asphalt Pavement with sandy gravel, blk-red, Moist, Rec. = 0.5 ft	3-2-3-2 (5)	4.7			
7-8		A-2-4, SiSa, Lt/brn, Moist, Rec. = 0.6 ft	3-2-2-2 (4)	13.2	15.0	51.1	33.9
8-9		A-4, SiSa, orange-brn, Moist, Rec. = 0.9 ft, Lab Note: A mild odor of petroleum was noticeable	2-2-3-2 (5)	23.6	11.2	47.4	41.4
9-10		A-4, SaSi, brn, MTW, Rec. = 0.5 ft	2-2-3-2 (5)	31.0	3.1	44.8	52.1
10-11		A-4, SaSi, brn-Lt/brn, MTW, Rec. = 1.7 ft	WH-1-1-1 (2)	43.6	2.1	48.4	49.5
11-12		A-1-b, GrSa, brn, Moist, Rec. = 0.3 ft	1-2-3-4 (5)	16.7	21.4	63.3	15.3
12-13		A-1-b, GrSa, brn, MTW, Rec. = 0.7 ft	2-3-3-4 (6)	19.1	28.3	55.8	15.9
13-14		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft	5-8-5-7 (13)	13.6	23.8	64.4	11.8
14-15		A-2-4, Sa, brn, Moist, Rec. = 1.2 ft	9-6-6-6 (12)	14.9	16.3	71.3	12.4
15-16		A-1-b, Sa, brn, Moist, Rec. = 1.1 ft	5-7-6-7 (13)	14.1	13.5	75.5	11.0
16-17		A-1-b, Sa, brn, Moist, Rec. = 1.2 ft	5-7-6-9 (13)	12.4	16.8	70.5	12.7
17-18		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft	1-7-6-7 (13)	18.4	3.2	81.4	15.4
18-28	Hole stopped @ 28.0 ft						
28-30	Remarks: Hole collapsed at 1.0 ft.						

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 CAMBRIDGE-BAKERSFIELD STP 2926(1).GPJ VERMONT AOT.GDT 10/13/15