



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

BORING LOG

CAMBRIDGE-BAKERSFIELD
STP 2926(1)
VT-108

Boring No.: **B-105**

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Pin No.: 10B258

Checked By: MJB

Boring Crew: JUDKINS, HOOK, NIETO

Date Started: 8/24/15 Date Finished: 8/25/15

VTSPG NAD83: N 793106.68 ft E 1555672.59 ft

Station: 584+95 Offset: 27.30

Ground Elevation: 493.0 ft

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

Groundwater Observations

Date	Depth (ft)	Notes
08/24/15	6.8	End of Day.
08/25/15	3.5	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft, Lab Note: Grass & roots were within sample	WH-1-1-2 (2)	29.0	14.7	34.0	51.3		
2.5		A-4, SaSi, brn, MTW, Rec. = 2.0 ft	WH-1-2-4 (3)	32.9		29.8	70.2		
5.0		A-4, GrSaSi, Lt/brn, Moist, Rec. = 1.4 ft, Lab Note: A trace of clay was noticeable. Sample tested (NP).	WH-3-3-3 (6)	24.2	24.0	27.4	48.6		
7.5		A-4, Si, Lt/brn, MTW, Rec. = 1.4 ft	1-3-3-3 (6)	33.0		2.5	97.5		
10.0		A-4, ClSi, Lt/brn, MTW, Rec. = 1.7 ft	3-4-3-5 (7)	34.3		1.8	98.2	35	9
10.0 - 12.0		No Recovery, 10.0 ft - 12.0 ft	8-9-10-11 (19)						
12.5		A-4, ClSi, gry, MTW, Rec. = 1.5 ft	2-4-6-4 (10)	32.0	0.6	3.6	95.8	32	7
15.0		A-4, GrSi, gry, Moist, Rec. = 2.0 ft	3-4-5-5 (9)	23.8	23.5	14.8	61.7	31	5
16.0 - 18.0		No Recovery, 16.0 ft - 18.0 ft	5-6-4-6 (10)						

Hole stopped @ 18.0 ft

Remarks:
Hole collapsed at 12.3 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