



Boring Crew: Jesse McIntyre (GeoDesign), Ralph Ciccatelli (SJB)  
Date Started: 8/17/12 Date Finished: 8/20/12  
VTSPG NAD83: N 136744.00 ft E 1621693.00 ft  
Station: 570+26 Offset: 8' L  
Ground Elevation: 233.2 ft

Casing Sampler  
Type: FJ  
I.D.: 4 in  
Hammer Wt: 140 lb. N.A.  
Hammer Fall: 30 in. N.A.  
Hammer/Rod Type: Auto/NWJ  
Rig: CME 550X ATV CE = 1.5

Groundwater Observations (3)  
Date Depth (ft) Notes

Depth (ft)	Strata(1)	CLASSIFICATION OF MATERIALS (Description)	Run (Tip dep.)	Core Rec. % (RQD %)	Blows/6" (N Value)(2)	Moisture Content %	Gravel %	Sand %	Fines %
0-5	x x x	Inferred to be Fill based on soil samples from nearby Boring B-209							
5-45		Inferred to be Silty Sand with occasional gravelly layers based on soil samples from nearby Boring B-209.							
45-50		Inferred to be Silty Gravelly Sand based on soil samples from nearby Boring B-209.							

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



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0-55									
55-60		C1) Very poor quality, moderately hard to hard, fresh to moderately weathered, closely jointed to shattered, gray with white banding PHYLLITE. With occasional white Quartz intrusions. Jointing at ~60 degrees from horizontal. No reaction to dilute HCl.	C1	88 (22)					Top of Bedrock @ 54.0 ft
60-64		C2) Very poor quality, moderately hard to hard, fresh to moderately weathered, closely jointed to shattered, gray with white banding PHYLLITE. With occasional weathered Quartz intrusions Jointing ~60 degrees from horizontal. No reaction to dilute HCl.	C2	85 (18)					
64-65		Hole stopped @ 64.0 ft							

Remarks:  
1) Soil boring location and elevation shown are surveyed by VHB.  
2) No groundwater observations were made due to wash-drive drilling method.  
3) Soil strata is inferred from B-209 located 9 feet southeast of B-303. No soil samples were taken from Boring B-303.  
4) Advanced boring with hollow stem augers to 14' deep prior to switching to 4" flush joint casing.  
5) Note loss of water towards end of C2. Had to refill recirculation tub 3 times.

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GEODESIGN BORING LOG: 750-08.6 BRATTLEBORO BR 9 SEISMIC VTRANS FORMAT.GPJ VERMONT AUT.GDT 12/2/13

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