

 STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <u>B-3</u>						
		Richford BRF 0302(29) Richford, VT GeoDesign # 750-09.13		Page No.: <u>3 of 3</u>						
Boring Crew: <u>J. Leonhardt (TransTech), A. Baribault (GeoDesign)</u> Date Started: <u>9/05/13</u> Date Finished: <u>9/06/13</u> VTSPG NAD83: <u>N 909729.53 ft E 1592615.18 ft</u> Station: <u>44+58</u> Offset: <u>6' L</u> Ground Elevation: <u>437 ft</u>		Casing Type: <u>FJ</u> Sampler: <u>N.A.</u> I.D.: <u>4 in</u> <u>2 in</u> Hammer Wt: <u>140 lb.</u> <u>N.A.</u> Hammer Fall: <u>30 in.</u> <u>N.A.</u> Hammer/Rod Type: <u>Auto/NWJ</u> Rig: <u>CME 550X ATV</u> <u>C_E = ~1.5</u>	Groundwater Observations ⁽³⁾							
			Date	Depth (ft)	Notes					
			09/06/13	9.7	In casing (15 hrs.)					
Depth (ft)	Strata ⁽¹⁾	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/6" (N Value) ⁽²⁾	Moisture Content %	Gravel %	Sand %	Fines %
65		8) Inferred gravelly zones within the glacial till matrix based on drilling resistance / behavior from 31' to 31.5' deep, 38' to 38.5' deep, and 43.5' to 44' deep. 9) Borehole backfilled with winter sand mix and topped with approximately 3 inches of cold patch asphalt at the ground surface. 10) All visual descriptions are per the Burmister classification system.								
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75										
80										
85										
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 _E 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.										

GEODESIGN BORING LOG 750-09.13 RICHFORD VTRANS.GPJ VERMONT AOT.GDT 10/9/13

PROJECT NAME:	RICHFORD
PROJECT NUMBER:	BRF 0302(29)
FILE NAME:	st2j158bor.dgn
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DESIGNED BY:	H. SALLS
BORING LOGS	5
PLOT DATE:	11-DEC-2014
DRAWN BY:	R. PELLETT
CHECKED BY:	H. SALLS
SHEET	19 OF 36