

BORING LOG		Boring No.: GB-1A																													
Project Name		Page No.: 1 of 1																													
Readsboro BRF 0105 (3) Readsboro, VT		File No.: 750-03.6m																													
Checked By: RSA																															
Geodesign Incorporated P.O. Box 699 Windsor, VT 05089 Tel: (802) 674-2033		1233 Shelburne Road, Suite E-1 South Burlington, VT 05403 Tel: (802) 652-5140																													
Boring Company: M & W Soils Engineering Foreman: Jim Ferguson GeoDesign Rep.: Jason Gaudette Date Started: April 30, 2002 N. Coordinate: 325.53 m Ground Surface Elevation (meters): 381.00 Station: 1069		Casing: _____ Sampler: _____ Groundwater Observations: _____ Type: _____ I.D./O.D.: _____ Hammer Wt.: _____ Hammer Fall: _____ Rig Type: Acker Truck Mounted Other: _____																													
Sample Information <table border="1"> <thead> <tr> <th rowspan="2">Depth (m)</th> <th rowspan="2">Casing Blows (0.3m)</th> <th rowspan="2">Type</th> <th rowspan="2">Penetration (mm)</th> <th rowspan="2">Recovery (mm)</th> <th rowspan="2">Depth (m)</th> <th colspan="4">Blows / 0.15 m Interval</th> <th rowspan="2">Coring Time (min. to 0.3m)</th> <th rowspan="2">PID Result</th> </tr> <tr> <th>0-0.15</th> <th>0.15-0.30</th> <th>0.30-0.45</th> <th>0.45-0.60</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Depth (m)	Casing Blows (0.3m)	Type	Penetration (mm)	Recovery (mm)	Depth (m)	Blows / 0.15 m Interval				Coring Time (min. to 0.3m)	PID Result	0-0.15	0.15-0.30	0.30-0.45	0.45-0.60	0.00												Sample Description Classification System: Bunnister SSA Probe - no sampling. (Strata description based on auger cuttings and drilling resistance.)	
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0.00																															
Strata Description Possible Gravelly SAND FILL (with Boulders)		Elevation & Depth (meters) 358.99 2.01 Bottom of Borehole at 2.01 m																													
Remarks: (0 m) Groundsurface elevation is estimated from VAOT Main Line Profile based on locations taped from existing features and plotted by GeoDesign. Elevations and locations should be considered accurate only to the degree implied by the method used. (1.07 - 1.22 m) Hard drilling resistance observed. Penetrated possible small boulder. (2.01 m) SSA refusal on possible large boulder.		Notes: 1) Soil Samples screened in the field using a Thermal Environmental Systems Model 5805 Photooxidation Detector. The meter was calibrated relative to a benzene-in-air standard. ND = None Detected, - = Sample Not Screened. 2) Stratification Lines Represent Approximate Boundary Between Material Types. Transitions May Be Gradual. 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. AC = After Coring. 4) Sample Type Coding: A = Auger, C = Core, PG = Piston Sampler, SS = Split Barrel (Split Spoon), ST = Shelby Tube, V = Vane. 5) Proportions Used: Trace = 1-10%, Little = 10-20%, Some = 20-35%, And = 35-50%.																													
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Strata Description Possible SAND and GRAVEL (with fewer Cobbles)		Elevation & Depth (meters) 357.65 3.35																													
Remarks: (0 m) Groundsurface elevation is estimated from VAOT Main Line Profile based on locations taped from existing features and plotted by GeoDesign. Elevations and locations should be considered accurate only to the degree implied by the method used. (1.22 - 2.74 m) Observed SSA penetration through possible coarse gravel, some cobbles and small boulders (estimated 30.5-45.7 cm diameter). High drilling resistance. (3.35 - 5.94 m) Slightly lower resistance through possible sand and gravel with fewer cobbles. (6.10 - 7.16m) Observed slight increases in drilling resistance through denser stratum.		Notes: 1) Soil Samples screened in the field using a Thermal Environmental Systems Model 5805 Photooxidation Detector. The meter was calibrated relative to a benzene-in-air standard. ND = None Detected, - = Sample Not Screened. 2) Stratification Lines Represent Approximate Boundary Between Material Types. Transitions May Be Gradual. 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. AC = After Coring. 4) Sample Type Coding: A = Auger, C = Core, PG = Piston Sampler, SS = Split Barrel (Split Spoon), ST = Shelby Tube, V = Vane. 5) Proportions Used: Trace = 1-10%, Little = 10-20%, Some = 20-35%, And = 35-50%.																													
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		0-0.15	0.15-0.30	0.30-0.45	0.45-0.60																										
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Strata Description Possible WEATHERED BEDROCK		Elevation & Depth (meters) 353.84 7.16 353.23 7.77 Bottom of Borehole at 7.77 m																													
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ESTIMATED PILE TIP ELEV. = 349.50		Boring No.: GB-1B																													

PROJECT NAME: READSBORO
PROJECT NUMBER: BRF 0105 (3)
FILE NAME: 89J088/STR/s89J088bor.dgn
PROJECT LEADER: J. LACROIX
DESIGNED BY: W. PELLETIER
BORING LOG SHEET I

PLOT DATE: 07-MAR-2012
DRAWN BY: M. EVANS-MONGEON
CHECKED BY: W. PELLETIER
SHEET 29 OF 90