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Notes: 1) Soil Samples screened in the field using a Thermal Environmental Systems Model 580S Photoionization Detector (unless otherwise noted in Remarks). The meter was calibrated relative to a benzene in air standard. N.D. = None Detected; N.R. = Not Recorded; N.A. = Not Applicable. 2) 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. A.C. = After coring; N.R. = Not Recorded. 3) Sample Type Coding: A = Auger; C = Core; D = Driven; G = Grab; PS = Piston Sample; SS = Split Barrel (Split Spoon); ST = Shelby Tube; V = Vane; WOB/H = Weight of Rod/Hammer 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50% 5) Stratification lines represent approximate boundary between material types. Transitions may be gradual.		Boring No.: B-42																																																																																																																																													

- Notes: 1) Soil Samples screened in the field using a Thermal Environmental Systems Model 580S Photoionization Detector (unless otherwise noted in Remarks). The meter was calibrated relative to a benzene in air standard. N.D. = None Detected; N.R. = Not Recorded; N.A. = Not Applicable; O.R. = Out of Range
- 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. A.C. = After coring; N.R. = Not Recorded.
 - Sample Type Coding: A = Auger; C = Core; D = Driven; G = Grab; PS = Piston Sample; SS = Split Barrel (Split Spoon); ST = Shelby Tube; V = Vane; WOB/H = Weight of Rod/Hammer
 - Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%
 - Stratification lines represent approximate boundary between material types. Transitions may be gradual.
 - Bedrock cores collected at locations c-1, c-2, and c-3 typically consist of gray, soft, moderately weathered phyllite bedrock of very poor to fair quality, the rock was fissile and crumbled with moderate finger pressure. Fractures were typically noted along the fissile planes between approximately 80 and 70 degrees (measured from the horizontal). Rock quality designation (RQD) values ranged between 0 and 55%. The rock type was consistent with mapping data published on the Contingent Geologic Map of Vermont (Joll, 1981) and a rock outcrop located approximately 500 feet north of the site (along Airport Road).
 - Bedrock removal for this project can be accomplished using conventional mechanical equipment. Mechanical removal methods can include excavating, ripping, hoe-ramping and splitting. A alternative method of removal is blasting.
 - The effort and difficulty of rock removal will generally increase with the depth once the upper, more weathered rock has been penetrated (estimated up to between 5 and 10 feet deep).
 - Rock Reuse Potential - the type and condition of rock anticipated for removal will be poor aggregate for use in the base course below new pavements.

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 A.I.P. 3-50-0001-011-2009
 PROJECT NUMBER: BERLIN AIR 04-3216

FILE NAME: z05h378sh_t.br 1.dgn PLOT DATE: 11/22/2011
 PROJECT LEADER: S. FORTNEY DRAWN BY: D. STANDISH
 DESIGNED BY: S. BOUCHARD CHECKED BY: J. DOWNAR
 BORING LOGS B40-B42 SHEET 168 OF 173