DRILLING COMPANY: Holocene Drilling LOCATION: STA 24+90 35' RT DRILLING METHOD: Hollow-Stem Auger, Mobile B-61 truck rig DATE STARTED: 6/2/2008 SAMPLING METHOD: SPT with Autohammer DATE COMPLETED: 6/2/2008 SURFACE ELEVATION: 33.00 ± feet LOGGED BY: J. Speck PEN. RESISTANCE (blows/6 inches) USCS SOIL CLASS SAMPLE NUMBER Standard Penetration Test GROUNDWATER SAMPLE TYPE **STHER TESTS** (140 lb. weight, 30" drop) ▲ Blows per foot SYMBOL DESCRIPTION 10 40 ASPHALT - HMA 0.2 foot thick. GP SM GRAVEL Base Course 0.1 foot thick Medium dense, yellow brown to gray, gravelly, silty to very silty, fine to medium SAND, moist. S-1 7-12-8 V. GS Decomposed wood noted. 3-4-4 ML Stiff, dark gray to olive brown, sandy, SILT, wet. Peat and 1-2-7 abundant organics noted material. Ā 10 SP Loose, dark gray, slightly silty, gravelly, fine to medium poorly 1-1-2 GS graded, SAND, wet. 0-0-1 ML Soft, brown, slightly sandy to sandy, SILT with abundant organics, wet. 15 OL Soft, brown, slightly sandy, organic SILT, wet. 0 - 0 - 2ML Soft, gray, SILT, wet. 2-1-2 20 20 ML Medium stiff, gray, sandy SILT, wet. 1-2-2 Formation is sandier between 20.25 to 21 feet. Exploration completed at 21.5 feet below ground surface Ground water noted at 9 feet bgs surface during exploration. Ground water measured at 3.9 feet bgs on 6/9/2008. 25 60 100 For a proper understanding of the nature of subsurface conditions, this Water Content (%) exploration log should be read in conjunction with the text of the Plastic Limit | Liquid Limit geotechnical report. Natural Water Content NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

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FIGURE:

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DRILLING COMPANY: Cascade Drilling, Inc. LOCATION: STA 26+40 50' RT DATE STARTED: 6/23/2008 DRILLING METHOD: Hollow Stem Auger, track-mounted, Modified CME-55 SAMPLING METHOD: SPT w/wire-line and down-hole hammer DATE COMPLETED: 6/23/2008 SURFACE ELEVATION: 26.00 ± feet LOGGED BY: J. Speck PEN. RESISTANCE (blows/6 inches) USCS SOIL CLASS SAMPLE NUMBER Standard Penetration Test GROUNDWATER OTHER TESTS SAMPLE TYPE (140 lb. weight, 30" drop) Blows per foot DESCRIPTION 40 ML Loose, dark brown, sandy SILT, moist, with leaves, roots, and SM wood chips. Medium dense, yellow brown, silty fine SAND, moist 4-inch lense of gray sandy SILT in sample at 2.5 feet. 7-8-8 Ā Loose, gray to olive gray, sandy SILT, moist. 5-3-4 164 OL Soft, olive gray, organic SILT, moist to wet. 0-0-1 Soft, dark olive gray, elastic SILT, with organics, wet. CL Very soft to soft, dark olive gray, lean CLAY, wet, interbedded ΑL with dark red-brown to olive gray, fine sandy silt with trace organics. 0.25-inch fine sand lense noted at 12.7 feet. 15 15 S-6 36-50/5 Very dense, gray, gravelly medium to coarse SAND, wet. ⊠ S-7 50/3" Possible 6 inches of heave noted. 20 ⊠ _{S-8} Very dense, gray, slightly gravelly, slightly sandy SILT, moist. 50/31 25 S-9 50/31 Very dense, gray, gravelly, medium to coarse SAND, wet. Possible 1.5 feet of heave noted. For a proper understanding of the nature of subsurface conditions, this Water Content (%) exploration log should be read in conjunction with the text of the Plastic Limit Liquid Limit geotechnical report. Natural Water Content NOTE: This log of subsurface conditions applies only at the specified location and on the date indicated and therefore may not necessarily be indicative of other times and/or locations.

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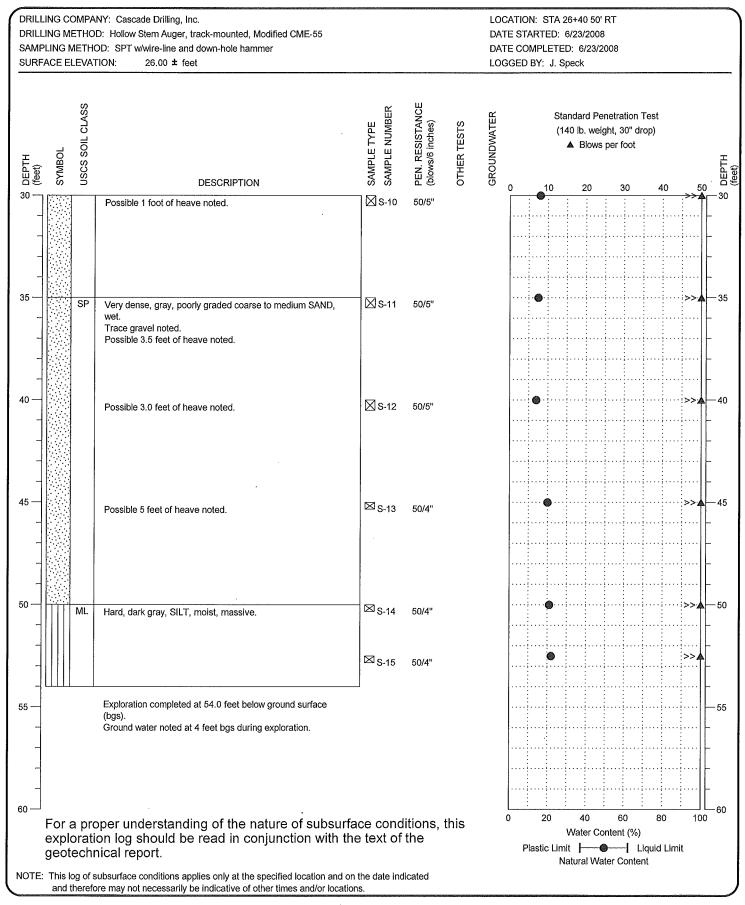
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FIGURE:

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FIGURE:

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