



Exhibit 16

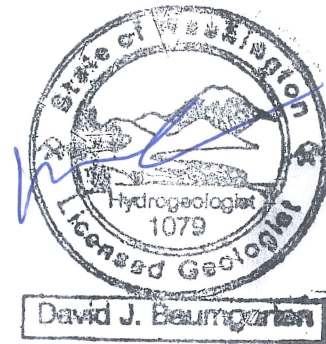
TECHNICAL MEMORANDUM

Date: September 24, 2019

To: Mr. Robert Fitzmaurice
Crestview Village, LLC
15 Lake Bellevue Drive, Suite 102
Bellevue, Washington 98005

From: Kristina Weller, PE/David Baumgarten, LHG
The Riley Group, Inc.

Subject: Review Comments for Crestview Village II
Infiltration Feasibility
RGI Project No: 2014-169B



This memorandum addresses review comments from Perteet Engineering on the "Drainage Report" for the Crestview II site in Mill Creek, Washington "Review Comments for Crestview II, from Brian Caferro, PE, Perteet Engineering, dated August 22, 2019".

Drainage Report

Comment: Page 17: Ecology still wants to see proof that the infiltration rates are less than 0.30 in/hr via a PIT test, even in till soils. High groundwater table that will not provide required separation can also be used as an infeasibility criteria. High groundwater elevation should be determined by performing groundwater monitoring during the wet season.

Response

The Riley Group (RGI) completed a geotechnical engineering report (GER) in July 2016 for the Crestview Village II site. Six test pits (TP-1 through TP-6) were completed to access soil and groundwater conditions. Subsurface conditions included Vashon-age lodgment till overlain by varying thicknesses of fill, weathered lodgment till, and silt. The depths at which the till was encountered generally ranged from 2 to 5 feet, with the exception of TP-5 in which the till was encountered at a depth of 8 feet below grade. The soils over lying the till in TP-5 included fill soils with concrete and metal debris as well as wood from existing grade to a depth of approximately 5 feet and a soft organic silt from a depth of 5 feet to 8 feet below grade. Fill soils were also found in TP-3 and TP-6.

Light groundwater seepage was noted in test pits TP-2 and TP-6, located on the northern portion of the site, at a depth of approximately 7.5 feet, moist to wet soils were noted at approximately 5.5 feet below grade. A well was installed at the TP-6 location, after the groundwater level stabilized the groundwater level in the TP-6 well was approximately 5.2 feet below grade. Groundwater encountered in TP-2 and TP-6 does not appear to represent a regional water table as it was not encountered in the other test pits at the site. It is likely an isolated zone of groundwater in the more permeable lens in the till units.

RGI's geotechnical report also notes the expectation of a seasonal perched groundwater zone to develop on the unweathered till surface in the winter months. This zone is typically called an "interflow zone". The interflow zone typically ranges in thickness from 6 to 18 inches.

The GER also concludes that based on the soils and groundwater levels encountered at the test pit locations infiltration of stormwater does not appear feasible. Due to the fill soils and shallow depth of the lodgment till "a restrictive layer" the required separation distance (typically 5 feet) for conventional stormwater infiltration facilities (infiltration ponds, infiltration trenches, and infiltration galleries) called for in the Stormwater Management Manual for Western Washington (SWMMWW) could not be met.

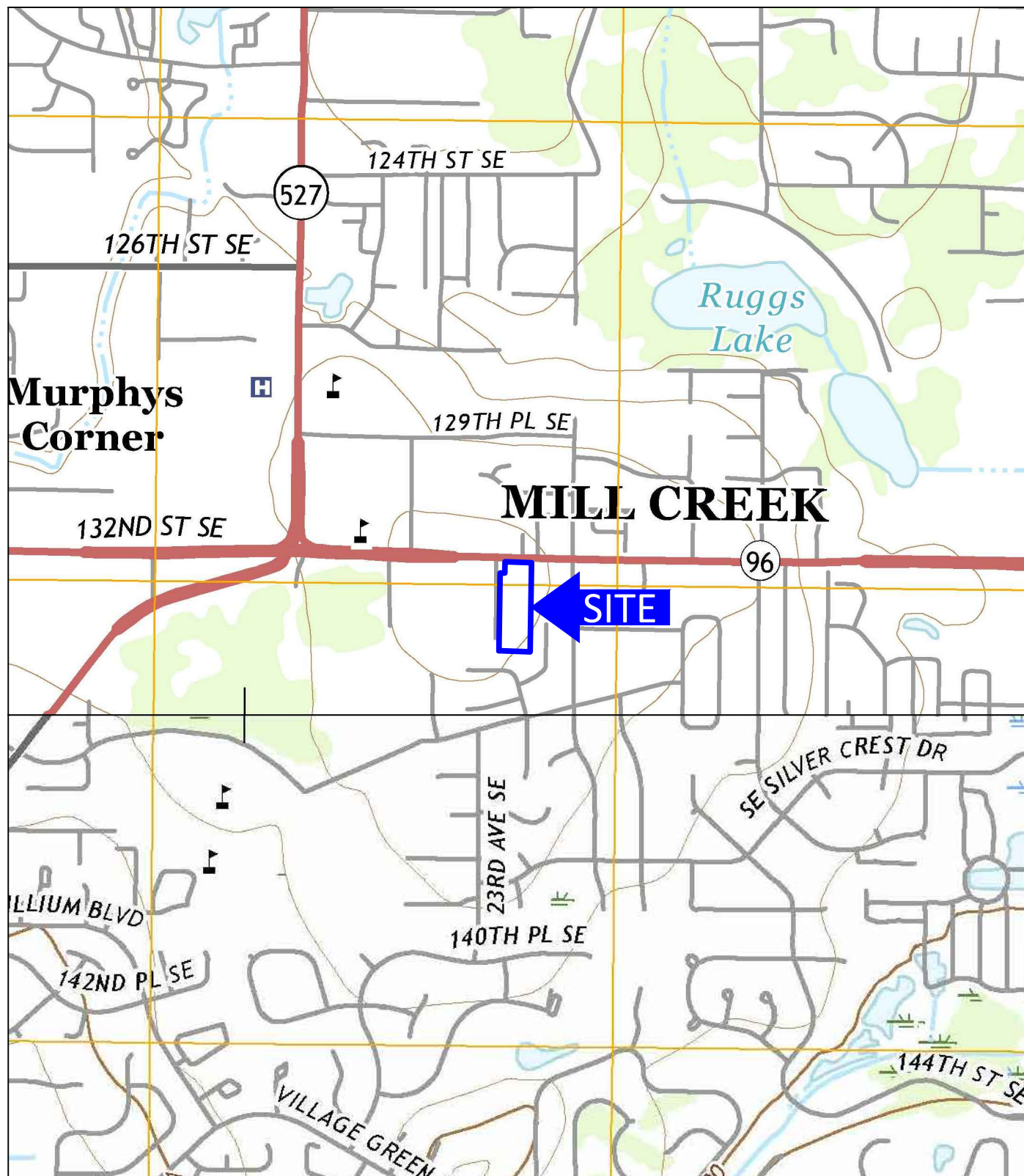
The SWMMWW also provides guidance for Low Impact Development stormwater infiltration elements, specifically bioretention. Bioretention cells are shallow depressions with a designed planting soil mix and a variety of plant materials, including trees, shrubs, grasses, and/or other herbaceous plants. The SWMMWW manual presents typical design specifications for bioretention cells which includes 1.5 feet of bioretention soil in the base of the cell with a 3-inch layer of coarse compost overlying the bioretention soil. The SWMMWW manual also shows a "ponding depth" in the cells which the manual notes "varies", typically the ponding depth is a minimum of 18 inches. The elements of the bioretention cell result in a bioretention cell profile of a little more than 3 feet in depth below grade.

The SWMMWW also lists required "separation distances" between the bottom of the bioretention cell and the seasonal high groundwater table, bedrock, or other impervious layer. Given the proposed site development and impervious areas the separation distance from the bottom of the bioretention cell and high groundwater, bedrock, or impervious layer would be 3-feet.

The lodgment till surface (a restrictive layer/impervious layer) is at depths ranging from 2 to 4 feet below grade in test pits TP-1, TP-2, TP-3, TP-4, and TP-6. Given the bioretention cell profile of at least 3-feet described above the required separation distance of 3 feet between the base of the bioretention cell and high groundwater, bedrock, or an impervious layer would not be achieved. In addition the groundwater level measured in the well at the TP-6 location (5.2 feet below grade) would result in less than three feet of separation from the base of a bioretention cell and that groundwater level was measured in July, when we would expect the groundwater level to be at a seasonal low level.

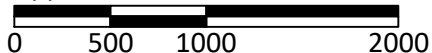
The lodgment till surface in TP-5 was encountered at approximately 8 feet below grade. However organic silt, overlying the till, was encountered at 5 feet below grade. The silt would typically be considered an impervious layer, resulting in less than 3 feet of separation from the base of a bioretention cell to the impervious layer. Furthermore, fill soils were found in TP-5 from grade to the top of the silt unit. The SWMMWW manual only allows infiltration in fill material if the fill is placed and compacted under the direct supervision of a geotechnical engineer or professional civil engineer with geotechnical expertise, and if the measured infiltration rate is at least 8 inches per hour. The fill soils at the site were an uncontrolled fill which contains concrete and metal debris as well as wood

Based on the soils, and depths to seasonal high groundwater, and presence of uncontrolled fill soils, infiltration of stormwater is not feasible at the Crestview Village II site based on the specifications in the SWMMWW for conventional infiltration facilities (infiltration ponds, infiltration trenches, and infiltration galleries) as well as bioretention cells. We understand a detention vault was installed at the adjacent Crestview I site, which has similar soil and groundwater conditions, to manage stormwater runoff.



USGS, 2014, Everett, Washington
 USGS, 2017, Bothell, Washington
 7.5-Minute Quadrangle

Approximate Scale: 1"=1000'



Corporate Office
 17522 Bothell Way Northeast
 Bothell, Washington 98011
 Phone: 425.415.0551
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Crestview Village II

Figure 1

RGI Project Number:

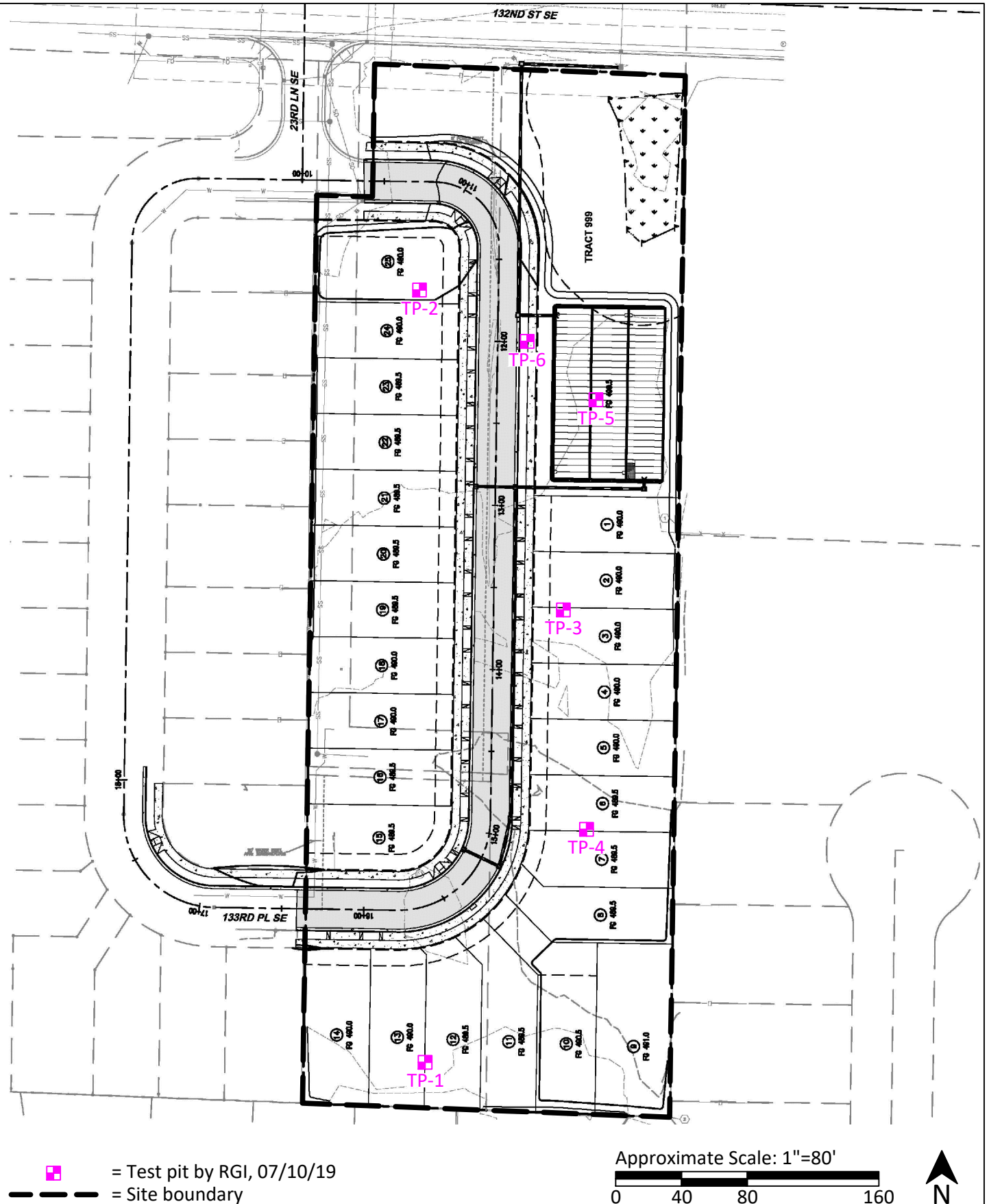
2014-169B

Site Vicinity Map

Date Drawn:

07/2019

Address: 2316 & 2318 132nd Street Southeast, Mill Creek, Washington 98012



Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
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Crestview Village II		Figure 2
RGI Project Number: 2014-169B	Geotechnical Exploration Plan	Date Drawn: 07/2019
Address: 2316 & 2318 132nd Street Southeast, Mill Creek, Washington 98012		

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-1**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Grass
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 6 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Cuttings	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			TPSL		12" topsoil	
				SM		Reddish brown silty SAND with some gravel, loose to medium dense, moist	6% moisture
				SM		Gray silty SAND with some gravel, dense, moist (Glacial Till)	6% moisture
	5						8% moisture
						Test Pit terminated at 6'	
	10						

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-2**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Grass
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 10 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Cuttings	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			TPSL		10" topsoil	
				SM		Reddish brown silty SAND with trace gravel, medium dense, moist	29% moisture
				SM		Tan mottled silty SAND with some gravel, medium dense, moist (Weathered Till)	19% moisture
				SM		Gray silty gravelly SAND, dense, moist (Glacial Till)	
							9% moisture, 28% fines
	5					Becomes moist to wet	
						Becomes wet	7% moisture
						Light groundwater seepage at 7.5 to 10 feet	
						Light caving	13% moisture
	10					Test Pit terminated at 10'	12% moisture

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-3**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Blackberries
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 7.5 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Cuttings	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			TPSL		4" topsoil	
				Fill		Brown silty SAND with some gravel, loose to medium dense, moist (Fill) Becomes medium dense Becomes gray, contains metal debris	10% moisture
	5			SM		Gray silty SAND with some gravel, dense, moist (Glacial Till)	8% moisture
						Test Pit terminated at 7.5'	12% moisture
	10						

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-4**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Mixed Brush
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 5.5 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Cuttings	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			TPSL		8" topsoil	
				GP-GM		Reddish brown GRAVEL with some sand and silt, loose to medium dense, moist	6% moisture, 10% fines
				SM		Tan silty SAND with some gravel, dense, moist (Weathered Till)	5% moisture
				SM		Gray silty SAND with some gravel, very dense, moist (Glacial Till)	6% moisture
	5					Test Pit terminated at 5.5'	
	10						

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-5**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Mixed Brush, Grass
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 9.5 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Cuttings	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
0				TPSL		4" topsoil	
				Fill		Brown silty SAND with some gravel, loose, moist Contains concrete debris Becomes very loose Becomes brown to black, contains organics and wood debris	57% moisture
5				OL		Gray mottled ORGANIC SILT, soft, moist to wet Becomes moist	36% moisture 27% moisture
				SM		Gray silty SAND with some gravel, dense, moist to wet (Glacial Till)	14% moisture 14% moisture
10						Test Pit terminated at 9.5'	

Project Name: **Crestview Village II**Project Number: **2014-169B**Client: **Crestview Village, LLC**Test Pit No.: **TP-6**

Sheet 1 of 1

Date(s) Excavated: 7/10/2019	Logged By ELW	Surface Conditions: Mixed Brush, Grass
Excavation Method: Test Pit	Bucket Size: N/A	Total Depth of Excavation: 8.5 feet bgs
Excavator Type: Mini Excavator	Excavating Contractor: NW Excavating	Approximate Surface Elevation N/A
Groundwater Level: Not Encountered	Sampling Method(s) Grab	Compaction Method Bucket
Test Pit Backfill: Well Installed	Location 2316 and 2318 132nd Street Southeast, Mill Creek, Washington	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0			TPSL		6" topsoil	
				Fill		Brown silty SAND with some gravel, loose to medium dense, moist (Fill) Contains asphalt debris	
				SM		Tan mottled silty SAND with some gravel, medium dense, moist (Weathered Till)	
				SM		Gray silty gravelly SAND, dense, moist (Glacial Till)	6% moisture
	5					Becomes moist to wet	9% moisture
						Becomes wet	
						Light groundwater seepage	10% moisture, 30% fines
						Test Pit terminated at 8.5'	
	10						

Project Name: **Crestview Village II**

Project Number: **2014-169B**

Client: **Crestview Village, LLC**



Key to Logs

Sheet 1 of 1

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
1	2	3	4	5	6	7	8

COLUMN DESCRIPTIONS

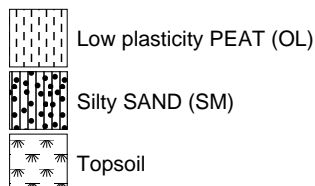
- | | |
|---|--|
| <p>1 Elevation (feet): Elevation (MSL, feet).</p> <p>2 Depth (feet): Depth in feet below the ground surface.</p> <p>3 Sample Type: Type of soil sample collected at the depth interval shown.</p> <p>4 Sample Number: Sample identification number.</p> | <p>5 USCS Symbol: USCS symbol of the subsurface material.</p> <p>6 Graphic Log: Graphic depiction of the subsurface material encountered.</p> <p>7 MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.</p> <p>8 REMARKS AND OTHER TESTS: Comments and observations regarding drilling or sampling made by driller or field personnel.</p> |
|---|--|

FIELD AND LABORATORY TEST ABBREVIATIONS

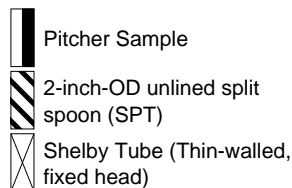
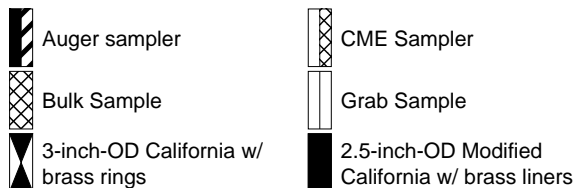
CHEM: Chemical tests to assess corrosivity
 COMP: Compaction test
 CONS: One-dimensional consolidation test
 LL: Liquid Limit, percent

PI: Plasticity Index, percent
 SA: Sieve analysis (percent passing No. 200 Sieve)
 UC: Unconfined compressive strength test, Q_u , in ksf
 WA: Wash sieve (percent passing No. 200 Sieve)

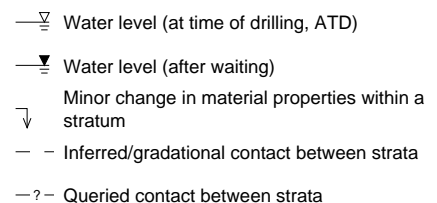
MATERIAL GRAPHIC SYMBOLS



TYPICAL SAMPLER GRAPHIC SYMBOLS



OTHER GRAPHIC SYMBOLS



GENERAL NOTES

- 1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
- 2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.