

# Drill Hole Log

**Bennett Consulting PLLC**

**Hole No. EB-1**

**Depth 40'**

46129 SE 130th Street  
North Bend, WA 98045  
Phone: (425) 785-8390

**Project Name:** 5-Mile Expansion  
**Project Number:** GBC07-08  
**Drilling Method:** Sonic  
**Sampling Method:** Core

**Contractor:** Cascade  
**Elevation:** 1010  
**Azimuth & Dip:** -90  
**Hole Diam:** 6 inches

| Depth  | Graphic | Geologic Description  | Well Completion         |                      |
|--------|---------|---|-------------------------|----------------------|
|        |         |   |                         |                      |
| 0-1'   |         | weathered topsoil and root zone 0-1'  | Dry at time of drilling | Bentonite Seal 0-24' |
| 10'    |         | <b>Recessional Outwash (Qvr)</b> , medium dense, moist, brownish gray, cobbly sandy gravel with boulders, some silt |                         |                      |
| 20'    |         |   |                         |                      |
| 30'    |         |   |                         |                      |
| 35-36' |         | <b>Lodgement till (Qvt)</b> , dense, moist to wet, gray, gravelly, silty, sand.                                     |                         |                      |
| 37-38' |         |   | Screened 25-35'         | Sandpacked to 24'    |
| 39-40' |         | <b>Advance Outwash (Qva)</b> , dense, wet, gray, laminated silty fine sand  |                         |                      |
| 40'    |         | b.o.h. 40'  |                         |                      |
| 50'    |         |   |                         |                      |
| 60'    |         |   |                         |                      |
| 70'    |         |   |                         |                      |
| 80'    |         |   |                         |                      |
| 90'    |         |   |                         |                      |
| 100'   |         |   |                         |                      |
| 110'   |         |   |                         |                      |
| 120'   |         |   |                         |                      |

# Drill Hole Log

Bennett Consulting PLLC

Hole No. EB-2

Depth 45'

46129 SE 130th Street  
North Bend, WA 98045  
Phone: (425) 785-8390

Project Name: 5-Mile Expansion  
Project Number: GBC07-08  
Drilling Method: Sonic  
Sampling Method: Core

Contractor: Cascade  
Elevation: 1015  
Azimuth & Dip: -90  
Hole Diam: 6 inches

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| Depth | Graphic | Geologic Description   | Well Completion                                   |                                      |
|-------|---------|--|---|--------------------------------------|
|       |         | weathered topsoil and root zone 0-1'   |   |                                      |
| 10    |         | <b>Recessional Outwash (Qvr)</b> , medium dense, moist to wet, brownish gray, sandy GRAVEL. Abundant cobbles and many boulders up to 2' in largest dimension | Static water level 36.62'<br>▼<br>b.g.s. 10-20-20 | Bentonite Seal 0-30'                 |
| 20    |         | wet, dark gray below 22'   |   |                                      |
| 30    |         | silty, 30-40', saturated at 40'  |   |                                      |
| 40    |         |  |   | Screened 30-40'<br>Sandpacked to 28' |
|       |         | <b>Andesite Bedrock (Br)</b>   |   |                                      |
| 50    |         | b.o.h. 45'   |   |                                      |
| 60    |         |  |   |                                      |
| 70    |         |  |   |                                      |

# Drill Hole Log

**Bennett Consulting PLLC**

**Hole No. EB-3**

**Depth 35'**

46129 SE 130th Street  
 North Bend, WA 98045  
 Phone: (425) 785-8390

**Project Name:** 5-Mile Expansion  
**Project Number:** GBC07-08  
**Drilling Method:** Sonic  
**Sampling Method:** Core

**Contractor:** Cascade  
**Elevation:** 1005  
**Azimuth & Dip:** -90  
**Hole Diam:** 6 inches

| Depth | Graphic | Geologic Description   | Well Completion |  |                                     |
|-------|---------|--|-----------------|--|-------------------------------------|
|       |         |  |                 |  |                                     |
|       |         | weathered topsoil and root zone 0-1'   |                 |  |                                     |
| 10    |         | <b>Recessional Outwash (Qvr)</b> , medium dense, moist to wet, brownish gray with yellow brown zones, sandy gravel with many cobbles. Some silt, local boulders to 2' in longest dimension | Dry 10-20-20    |  | Bentonite Seal 0-8'                 |
| 20    |         | wet 18-20  |                 |  | Screened 10-20'<br>Sandpacked to 8' |
| 30    |         | <b>Lodgement till (Qvt)</b> , dense, moist, gray, gravelly, silty, sand.   |                 |  |                                     |
| 40    |         | b.o.h. 35'   |                 |  |                                     |
| 50    |         |  |                 |  |                                     |
| 60    |         |  |                 |  |                                     |
| 70    |         |  |                 |  |                                     |

# Drill Hole Log

**Bennett Consulting PLLC**

**Hole No. EB-4**

**Depth 60'**

46129 SE 130th Street  
North Bend, WA 98045  
Phone: (425) 785-8390

**Project Name:** 5-Mile Expansion  
**Project Number:** GBC07-08  
**Drilling Method:** Sonic  
**Sampling Method:** Core

**Contractor:** Cascade  
**Elevation:** 1000  
**Azimuth & Dip:** -90  
**Hole Diam:** 6 inches

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| Depth | Graphic | Geologic Description   | Well Completion                                |  |                                   |
|-------|---------|--|--|--|-----------------------------------|
|       |         |  |  |  |                                   |
|       |         | weathered topsoil and root zone 0-1'   |  |  |                                   |
| 10    |         | <b>Recessional Outwash (Qvr)</b> , medium dense, moist to wet, brownish gray, sandy GRAVEL, some cobbles, boulders to 1' in longest dimensiont | Static water level 52.65' b.g.s. 10-20-20<br>▼ |  | Bentonite Seal 0-33'              |
| 20    |         |  |  |  |                                   |
| 30    |         | <b>Recessional Lacustrine Outwash (Qvrl)</b> , medium dense to dense, moist to wet, dark brown, coarse SAND                                    |  |  | Screened 43-53' Sandpacked to 33' |
| 40    |         |  |  |  |                                   |
| 50    |         | <b>Lodgement till (Qvt)</b> , very dense, moist, gray, gravelly, silty, sand.  |  |  |                                   |
| 60    |         |  |  |  |                                   |
| 70    |         | b.o.h. 60'   |  |  |                                   |

# Drill Hole Log

**Bennett Consulting PLLC**

**Hole No. EB-5**

**Depth 38'**

46129 SE 130th Street  
North Bend, WA 98045  
Phone: (425) 785-8390

**Project Name:** 5-Mile Expansion  
**Project Number:** GBC07-08  
**Drilling Method:** Sonic  
**Sampling Method:** Core

**Contractor:** Cascade  
**Elevation:** 985  
**Azimuth & Dip:** -90  
**Hole Diam:** 6 inches

| Depth | Graphic | Geologic Description  | Well Completion |                                      |
|-------|---------|---|-----------------|--------------------------------------|
|       |         |   |                 |                                      |
|       |         | <b>Recessional Outwash (Qvr)</b> , medium dense, moist to wet, sandy GRAVEL, many cobbles, some silt. |                 |                                      |
| 10    |         | <b>Lodgement Till (Qvt)</b> , dense, moist, gray, gravelly silty SAND                                 |                 | Bentonite Seal 0-25'                 |
| 20    |         |   |                 |                                      |
| 30    |         |   |                 | Screened 28-38"<br>Sandpacked to 25' |
| 40    |         | b.o.h. 38'  |                 |                                      |
| 50    |         |   |                 |                                      |
| 60    |         |   |                 |                                      |
| 70    |         |   |                 |                                      |