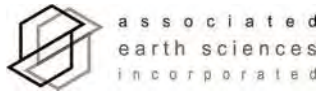


APPENDIX A

On-Site Exploration Logs



Exploration Log

Project Number
120126H012

Exploration Number
EB-1

Sheet
1 of 3

Project Name Snoqualmie Mill Site
 Location Snoqualmie, WA
 Driller/Equipment GDI / D-50
 Hammer Weight/Drop 140# / 30"

Ground Surface Elevation (ft) _____
 Datum N/A
 Date Start/Finish 12/19/17, 12/19/17
 Hole Diameter (in) ~8 inches

| Depth (ft) | S T | Samples | Graphic Symbol | DESCRIPTION | Well Completion | Water Level Blows/6" | Blows/Foot | | | | Other Tests |
|-----------------|--------|---------|-------------------|---|--------------------|-------------------------|------------|-----|----|----|-------------|
| | | | | | | | 10 | 20 | 30 | 40 | |
| Fill | | | | | | | | | | | |
| 5 | | S-1 | | Very moist, grayish brown, silty, gravelly, fine to coarse SAND; woody debris (SM). | | 3 5 7 | | ▲12 | | | |
| Alluvium | | | | | | | | | | | |
| 10 | | S-2 | | Silty drilling action at 8 feet. Wet, gray, sandy, SILT, trace organics; massive (ML). | | ▼ 1 1 1 | | ▲2 | | | |
| | | S-3 | | Wet, gray, SILT (ML). | | | | | | | |
| 15 | | | | No recovery. | | 2 4 4 | | ▲8 | | | |
| | | S-4 | | Wet, gray, silty, fine SAND; occasional organic rich layer (0.5 to 1 inch thick); finely stratified (SM). | | 2 2 3 | | ▲5 | | | |
| 20 | | | | No recovery. | | | | | | | |
| | | S-5 | | Wet, gray, sandy, SILT; stratified (ML). | | 2 2 2 | | ▲4 | | | |
| 25 | | S-6 | | Wet, gray, SILT, trace sand, trace organics; massive (ML). | | 3 3 3 | | ▲6 | | | |
| 30 | | S-7 | | Shelby tube, no recovery. Pushed SPT sampler into disturbed material from Shelby Tube. Wet, gray, clayey, SILT (ML). | | | | | | | |
| | | S-8 | | Shelby tube, no recovery. SPT sample in disturbed material from Shelby tube. As above (ML). | | | | | | | |
| 35 | | S-9 | | Wet, gray, clayey, SILT; massive (ML). | | 2 1 2 | | ▲3 | | | |

AESIBOR 120126H012.GPJ March 7, 2018

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ▼ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: LDM
Approved by: CJK



associated
earth sciences
incorporated

Exploration Log

Project Number
120126H012

Exploration Number
EB-1

Sheet
2 of 3

Project Name Snoqualmie Mill Site
 Location Snoqualmie, WA
 Driller/Equipment GDI / D-50
 Hammer Weight/Drop 140# / 30"

Ground Surface Elevation (ft) _____
 Datum N/A
 Date Start/Finish 12/19/17, 12/19/17
 Hole Diameter (in) ~8 inches

| Depth (ft) | S T | Samples | Graphic Symbol | DESCRIPTION | Well Completion | Water Level | Blows/Foot | | | | Other Tests | | | |
|------------|--------|---------|-------------------|--|--------------------|-------------|----------------|----|----|----|-------------|-----|-----|--|
| | | | | | | | Blows/6" | 10 | 20 | 30 | | 40 | | |
| 42 | | S-10 | | Wet, gray, clayey, SILT; massive (MH). | | | 1 1 2 | ▲3 | | | | | | |
| 45 | | S-11 | | Wet, gray, silty, CLAY; faintly stratified (CH). | | | 1 2 1 | ▲3 | | | | | | |
| 50 | | S-12 | | First 12 inches: Wet, gray, clayey, SILT to silty, CLAY (MH-CH). Last 6 inches: Wet, gray to brown, fine to medium SAND, trace silt (SP). | | | 5 7 21 | | | | ▲28 | | | |
| 55 | | S-13 | | Wet, gray, fine to medium silty, SAND; massive (SM). | | | 5 7 10 | | | | ▲17 | | | |
| | | | | Tokul Creek Delta Deposits | | | | | | | | | | |
| 60 | | S-14 | | Moist, light brown, fine SAND, trace silt; massive (SP). | | | 4 11 13 | | | | | ▲24 | | |
| 65 | | S-15 | | Very moist to wet, oxidized reddish brown grading to brown, fine to medium silty, SAND, faintly stratified (SM). | | | 9 10 11 | | | | | ▲21 | | |
| 70 | | | | No recovery. | | | 11 15 18 | | | | | | ▲33 | |
| 75 | | S-16 | | Wet, brown to reddish brown, silty, fine to medium SAND to fine SAND; massive (SM). | | | 5 10 10 | | | | | ▲20 | | |

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample

- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: LDM
 Approved by: CJK



associated
earth sciences
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Exploration Log

Project Number
120126H012

Exploration Number
EB-1

Sheet
3 of 3

Project Name Snoqualmie Mill Site
Location Snoqualmie, WA
Driller/Equipment GDI / D-50
Hammer Weight/Drop 140# / 30"

Ground Surface Elevation (ft) _____
Datum N/A
Date Start/Finish 12/19/17, 12/19/17
Hole Diameter (in) ~8 inches

| Depth (ft) | S T | Samples | Graphic Symbol | DESCRIPTION | Well Completion | Water Level Blows/6" | Blows/Foot | | | | Other Tests |
|------------|--------|---------|-------------------|--|--------------------|-------------------------|------------|----|-----|----|-------------|
| | | | | | | | 10 | 20 | 30 | 40 | |
| | | S-17 | | Wet, brown to reddish brown, fine to medium SAND, trace silt; massive (SP). | | 11 15 12 | | | ▲27 | | |
| 85 | | S-18 | | Wet, brown to dark brown, silty, fine to medium SAND; massive (SM). | | 5 8 10 | | | ▲18 | | |
| 90 | | S-19 | | Wet, brown grading down to gray, SILT (ML). Wet, dark brown, fine to medium SAND, some silt (SP-SM). | | 8 9 10 | | | ▲19 | | |
| 95 | | S-20 | | Wet, brown, silty, fine SAND (SM). Wet, brown, fine to medium SAND, trace silt (SP). | | 8 16 17 | | | ▲33 | | |
| | | | | Older Alluvium | | | | | | | |
| 100 | | S-21 | | Wet, gray, fine to medium SAND, trace silt; massive (SP). Wet, gray, SILT, trace dropstones (≤0.25 inches in diameter); massive (ML). | | 11 10 14 | | | ▲24 | | |
| | | | | Bottom of exploration boring at 101.5 feet | | | | | | | |
| 105 | | | | | | | | | | | |
| 110 | | | | | | | | | | | |
| 115 | | | | | | | | | | | |

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample

- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: LDM
Approved by: CJK

EXPLORATION BORING LOG

EB-3

| WELL COMPL. | GRAPH | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE Blows/Foot | | | |
|----------------|-------|---|-------|--------|-----------------|---|----|----|----|
| | | | | | | 10 | 20 | 30 | 40 |
| | | Gray-brown silt with scattered organics. (Fill) | | | | | | | |
| | | Mottled tan silt, scattered organics. | 5 | | | | | | |
| | | As above with thin peat layers. | | | | | | | |
| | | Gray, micaceous silt. | 10 | | | | | | |
| | | As above with abundant organics. | 15 | | | | | | |
| | | As above with scattered organics. | 20 | | | | | | |
| | | As above with minor gravel. | 25 | | | | | | |
| | | | 30 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

BOH @ 26½'
 Note: 2" PVC - casing;
 10 slot, 2" PVC - screen;
 12" flushed monument;
 sandpacked.
 Surface El.: 414.97'

Subsurface conditions depicted represent our observations at the time and location of this exploratory hole, modified by geologic interpretation, engineering analysis, and judgment. They are not necessarily representative of other times and locations. We will not accept responsibility for the use or interpretation by others of information presented on this log.

W92229A

10/92

Snoqualmie Shallow
 Aquifer Evaluation
 Snoqualmie, Washington



EXPLORATION BORING LOG

EB-4

| WELL COMPL. | GRAPH | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENERATION RESISTANCE Blows/Foot | | | |
|----------------|-------|--|-------|--------|-----------------|--|----|----|----|
| | | | | | | 10 | 20 | 30 | 40 |
| | | Gray, fine to medium, sandy gravel, abundant rock fragments, asphaltic roof tile. (Fill) | 0-5 | I | | | | | |
| | | Dark brown, gravelly silt with scattered organics. (Fill) | 5-10 | I | | ▲ | | | |
| | | Gray-brown, fine, sandy silt. | 10-12 | I | | ▲ | | | |
| | | Mottled gray silt with scattered organics. | 12-15 | I | | ▲ | | | |
| | | Mottled gray, micaceous, very fine, sandy silt, scattered organics. | 15-18 | I | | ▲ | | | |
| | | Gray, silty, very fine sand, scattered organics. | 18-20 | I | | ▲ | | | |
| | | Gray, micaceous, fine sand, some silt, scattered organics, occasional rock fragments. | 20-23 | I | | ▲ | | | |
| | | As above, no rock fragments. | 23-25 | I | | ▲ | | | |
| | | Gray, fine to medium sand, overlying gray clay, scattered organics. | 25-28 | I | | ▲ | | | |
| | | Gray, very fine, sandy silt, scattered organics. | 28-30 | I | | ▲ | | | |
| | | BOH @ 31½' | 30-35 | I | | | | | |

Note: 2" PVC - casing; 10 slot, 2" PVC - screen; 12" flushed monument; sandpacked.

Surface El.: 418.45'

Subsurface conditions depicted represent our observations at the time and location of this exploratory hole, modified by geologic interpretation, engineering analysis, and judgment. They are not necessarily representative of other times and locations. We will not accept responsibility for the use or interpretation by others of information presented on this log.

W92229A

10/92

Snoqualmie Shallow
Aquifer Evaluation
Snoqualmie, Washington





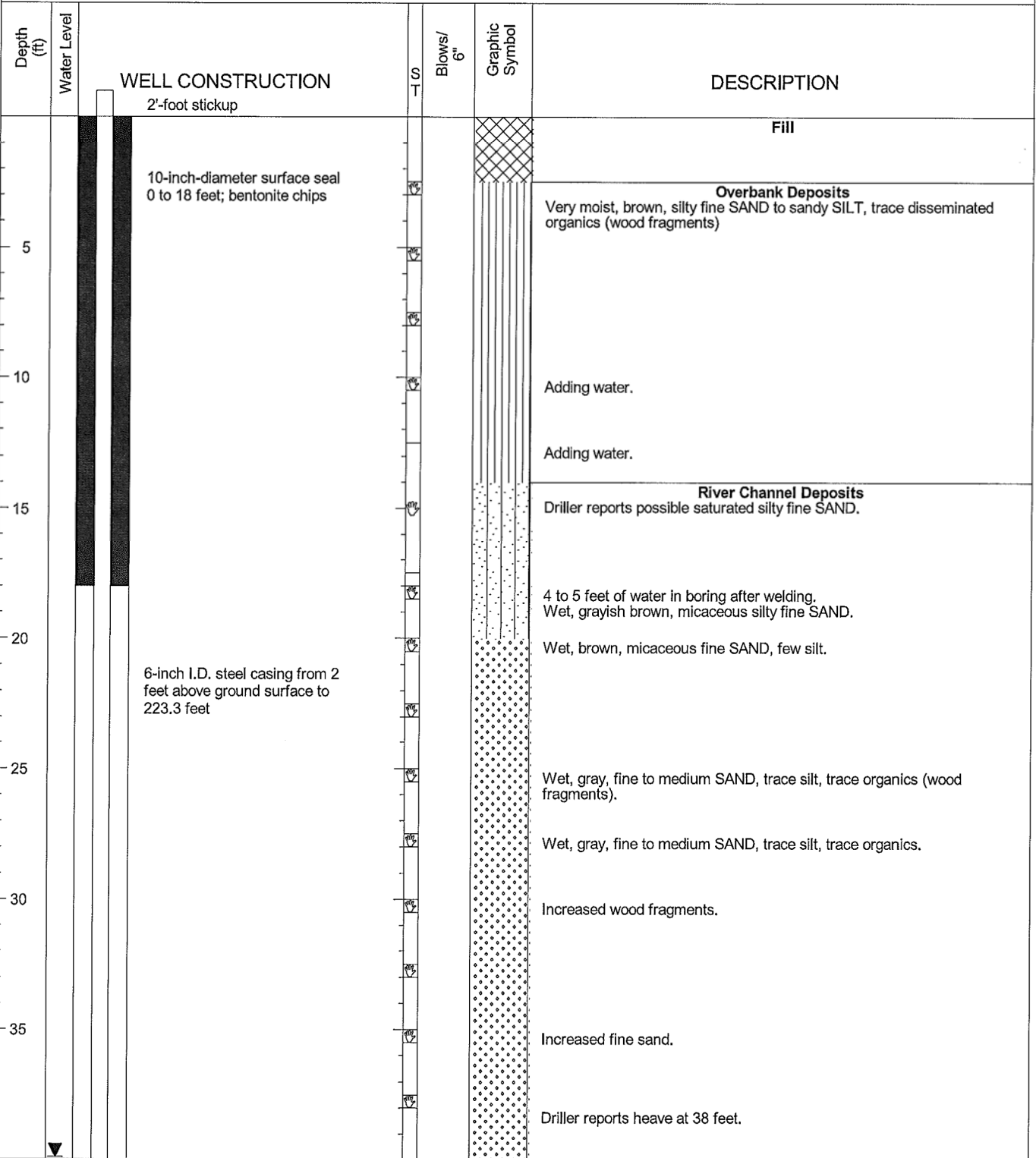
Project Number
KH120126A

Well Number
MW-1

Sheet
1 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches



Sampler Type (ST):

2" OD Split Spoon Sampler (SPT)

3" OD Split Spoon Sampler (D & M)

Grab Sample

No Recovery

Ring Sample

Shelby Tube Sample

M - Moisture

Water Level (5/3/12)

Water Level at time of drilling (ATD)

Logged by: SST

Approved by:

NWELL-B-120126.GPJ BORING.GDT 6/4/12

Geologic & Monitoring Well Construction Log



Project Number
KH120126A

Well Number
MW-1

Sheet
2 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches

| Depth (ft) | Water Level | WELL CONSTRUCTION | S T | Blows/ 6" | Graphic Symbol | DESCRIPTION |
|------------|-------------|---|--------|--------------|-------------------|---|
| | | 6-inch I.D. steel casing from 2 feet above ground surface to 223.3 feet | | | | Lacustrine Deposits Soft, wet, gray, CLAY/SILT. |
| 45 | | | | | | Soft, wet, gray, CLAY/SILT, scattered woody debris. |
| 50 | | | | | | Soft, wet, gray, CLAY/SILT, scattered woody debris. |
| 55 | | | | | | No sample. CLAY/SILT washed through sieve. |
| 60 | | | | | | No sample. CLAY/SILT washed through sieve. |
| 65 | | | | | | No sample. CLAY/SILT washed through sieve. |
| 70 | | | | | | Soft, wet, gray, CLAY/SILT. |
| 75 | | | | | | |

NWELL-B 120126.GPJ BORING.GDT 6/4/12

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample

- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level (5/3/12)
- Water Level at time of drilling (ATD)

Logged by: SST

Approved by:



Project Number
KH120126A

Well Number
MW-1

Sheet
3 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches

| Depth (ft) | Water Level | WELL CONSTRUCTION | S T | Blows/ 6" | Graphic Symbol | DESCRIPTION | |
|------------|-------------|---|--------|--------------|-------------------|-----------------------------|-----------------------------|
| 85 | | 6-inch I.D. steel casing from 2 feet above ground surface to 223.3 feet | | | | Soft, wet, gray, CLAY/SILT. | |
| 90 | | | | | | | |
| 95 | | | | | | | |
| 100 | | | | | | | Soft, wet, gray, CLAY/SILT. |
| 105 | | | | | | | |
| 110 | | | | | | | |
| 115 | | | | | | | |

NWELL-B 120126.GPJ BORING.GDT 6/4/12

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level (5/3/12)
- Water Level at time of drilling (ATD)

Logged by: SST
 Approved by:



Project Number
KH120126A

Well Number
MW-1

Sheet
4 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches

| Depth (ft) | Water Level | WELL CONSTRUCTION | S T | Blows/ 6" | Graphic Symbol | DESCRIPTION | |
|------------|-------------|---|--------|--------------|-------------------|-----------------------------|-----------------------------|
| 125 | | 6-inch I.D. steel casing from 2 feet above ground surface to 223.3 feet | | | | Soft, wet, gray, CLAY/SILT. | |
| 130 | | | | | | | |
| 135 | | | | | | | Soft, wet, gray, CLAY/SILT. |
| 140 | | | | | | | |
| 145 | | | | | | | |
| 150 | | | | | | | |
| 155 | | | | | | Soft, wet, gray, CLAY/SILT. | |

NWELL-B-120126.GPJ BORING.GDT 6/4/12

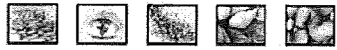
Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample

- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level (5/3/12)
- Water Level at time of drilling (ATD)

Logged by: SST
 Approved by:



Project Number
KH120126A

Well Number
MW-1

Sheet
5 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches

| Depth (ft) | Water Level | WELL CONSTRUCTION | Blows/ 6" | Graphic Symbol | DESCRIPTION |
|------------|-------------|---|--------------|----------------|--|
| | | 6-inch I.D. steel casing from 2 feet above ground surface to 223.3 feet | | | |
| 165 | | | | | Soft, wet, gray, CLAY/SILT. |
| 170 | | | | | Soft, wet, gray, CLAY/SILT. |
| 175 | | | | | |
| 180 | | | | | Soft, wet, gray, CLAY/SILT. |
| 185 | | | | | Wet, gray, CLAY. |
| 190 | | | | | Wet, gray, CLAY. |
| 195 | | | | | Wet, gray, CLAY, trace sand, trace wood fragments. |

NWELL-B-120126.GPJ BORING.GDT 6/4/12

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample

- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level (5/3/12)
- Water Level at time of drilling (ATD)

Logged by: SST

Approved by:

Associated Earth Sciences, Inc.

Geologic & Monitoring Well Construction Log



Project Number
KH120126A

Well Number
MW-1

Sheet
6 of 6

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation 40.0 bgs on 5/3/12
 Drilling/Equipment Aquatech / Air Rotary
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) ~419
 Date Start/Finish 4/16/12, 4/18/12
 Hole Diameter (in) 6 inches

| Depth (ft) | Water Level | WELL CONSTRUCTION | Blows/6" | Graphic Symbol | DESCRIPTION |
|------------|-------------|--|----------|----------------|---|
| 205 | | 6-inch I.D. steel casing from 2 feet above ground surface to 223.3 feet | | | Older Snoqualmie River Overbank Deposits Wet, gray to trace brown, fine SAND, and silt/clay, trace wood chips, (silt/clay overstated due to clay coating of drill tooling). At 206 feet, color changes from gray to brown in discharge water. |
| 210 | | | | | Older Snoqualmie River Channel Deposits Wet, brown to grayish brown, fine SAND and gravel, with clay, trace wood chips. Wet, grayish brown, GRAVEL, and fine sand, little clay (gray clasts inferred to be from drill tooling). Wet, brown, fine to medium SAND, and gravel, little silt/clay, trace wood chips. (Driller not adding water.) Wet, brown, fine to coarse GRAVEL, trace wood chips, water. |
| 215 | | | | | Gray in brown matrix, fine to coarse GRAVEL with fine to coarse sand, few silt, decreased wood chips. |
| 220 | | 5-inch O.D. K-packer 220.2 to 221 feet | | | Wet, brown, fine to coarse SAND, with fine to coarse gravel, trace silt (estimated); clast colors: gray, white, orange, brown, and green). Continuous heave as drilling is taking place. |
| 225 | | | | | Wet, brown, fine to coarse SAND, and fine to coarse gravel. |
| 230 | | 5-inch O.D. stainless steel well screen: 0.010-inch slot width 221 to 231.1 feet | | | Approximately 6 inches of gray discharge (clay/silt layer?). Decreased flow. |
| 230 | | 6-inch borehole backfilled with native slough 231.3 to 232 feet | | | Wet, brown, fine to coarse GRAVEL, with fine to coarse sand, trace silt (estimated). At 230 feet, cuttings include occasional brown, fine to medium sandy SILT clasts. Wet, brown, fine to coarse SAND, and fine to coarse gravel, few silt. |
| 235 | | | | | Boring terminated at 232 feet. Well completed at 231.3 feet on 4/18/12. |

NWELL-B 120126.GPJ BORING.GDT 6/4/12

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

- M - Moisture
- Water Level (5/3/12)
- Water Level at time of drilling (ATD)

Logged by: SST
 Approved by:

Geologic & Monitoring Well Construction Log



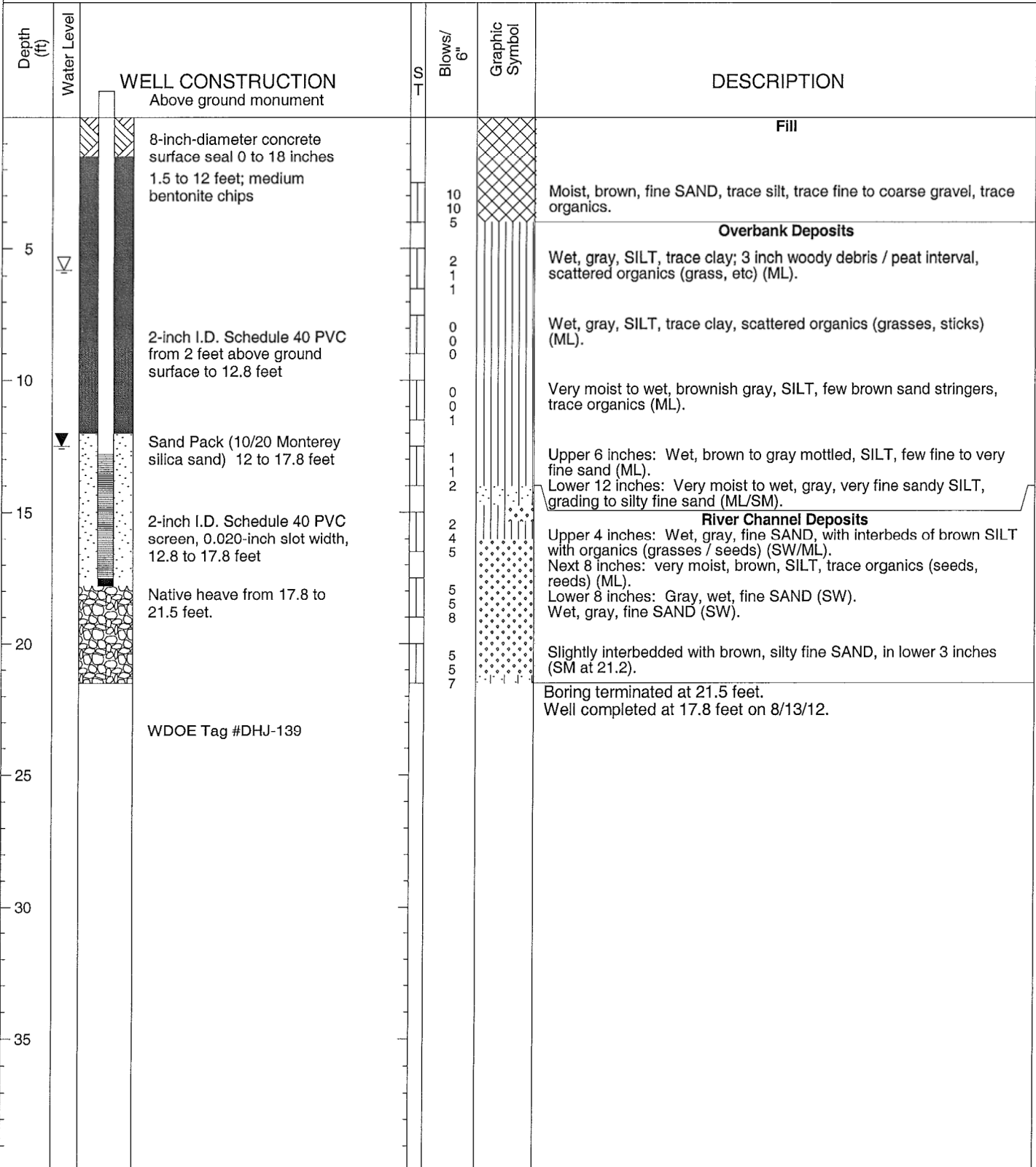
Project Number
KH120126A

Well Number
MW-2

Sheet
1 of 1

Project Name Snoqualmie Mill Site
 Elevation (Top of Well Casing) _____
 Water Level Elevation _____
 Drilling/Equipment Geologic Drill / HSA
 Hammer Weight/Drop 140# / 30"

Location Snoqualmie, WA
 Surface Elevation (ft) _____
 Date Start/Finish 8/13/12, 8/13/12
 Hole Diameter (in) 8 inches



NWWell - B 120126.GPJ BORING.GDT 8/23/12

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture

Water Level (8/15/12)

Water Level at time of drilling (ATD)

Logged by: SST

Approved by:

LOG OF EXPLORATION PIT NO. EP-1000

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Loose, very moist, variable brown and gray, silty fine to medium SAND, with gravel. Encountered 12-inch galvanized culvert and 6-inch wood stave water pipe. |
| 2 | |
| 3 | Vashon Lodgement Till |
| 4 | Medium dense to dense, moist, blue gray, silty fine to medium SAND, little gravel. |
| 5 | |
| 6 | |
| 7 | |
| 8 | Bottom of exploration pit at depth 7 feet No apparent seepage; water flowing in from galvanized culvert. Slight sloughing from 0 to 3 feet. |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 12, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by: SST

Approved by:



5/7/12

LOG OF EXPLORATION PIT NO. EP-1001

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Gravel / crushed rock over 2-inch asphalt slab. Medium dense, wet, gray and blue gray, 3/4-inch minus CRUSHED ROCK. |
| 2 | |
| 3 | Overbank Deposits |
| 4 | Soft to medium stiff and loose to medium dense, moist, gray, fine sandy SILT / silty fine SAND, and gray, very fine sand. |
| 5 | 4-inch diameter root |
| 6 | |
| 7 | |
| 8 | |
| 9 | Wood debris (appears in-place) |
| 10 | |
| 11 | Lacustrine Deposits ? |
| 12 | Loose, very moist, gray, silty CLAY, and very fine sandy SILT, trace scattered organic debris. |
| 13 | Bottom of exploration pit at depth 12 feet No seepage. Minor sloughing from 0 to 3 feet. |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 12, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



Logged by: SST

Approved by:

Project No. KV120126A

5/8/12

LOG OF EXPLORATION PIT NO. EP-1002

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Medium dense, very moist, brown, fine to coarse SAND, with fine to coarse gravel, trace cobbles, trace silt. |
| 2 | 1-inch black organic layer (original topsoil?) at 1.5 feet. |
| | River Channel Deposits |
| 3 | Medium dense, moist to very moist, gray, fine to medium SAND, trace mica flakes. |
| 4 | |
| 5 | |
| 6 | |
| 7 | Horizon of organics (peat, sticks, organic debris) at 6.5 feet. |
| | Overbank Deposits |
| 8 | Soft, moist greenish gray, SILT / CLAY, abundant scattered organics. |
| 9 | |
| 10 | Bottom of exploration pit at depth 9 feet Slight seepage at 1.5 feet and at 3 feet. No sloughing. |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 12, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



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Project No. KV120126A

5/8/12

LOG OF EXPLORATION PIT NO. EP-1003

| Depth (ft) | DESCRIPTION |
|------------|--|
| | Fill |
| 1 | Moist, brown, fine to coarse GRAVEL, with fine to coarse sand, few cobbles, abundant woody debris. |
| 2 | |
| 3 | |
| 4 | Woody debris, few fine to coarse GRAVEL, and fine to coarse SAND. Digs dense. |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Lacustrine Deposits ? |
| 11 | Soft, wet, gray with greenish gray mottling, SILT / CLAY, trace fine sand, trace rootlets. |
| 12 | |
| 13 | Bottom of exploration pit at depth 12 feet Seepage at 3.5 feet and at 5 feet. No sloughing. |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1004

| Depth (ft) | DESCRIPTION |
|------------|---|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p>Fill</p> |
| 1 | <p>Quarry spalls (to 6-inch diameter) with wood debris, logs, fine to coarse SAND, and fine to coarse GRAVEL, variable silt. Digs very dense.</p> |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Overbank Deposits |
| 11 | Medium stiff, wet, gray to greenish gray, SILT, trace fine sand, trace organics. |
| 12 | |
| 13 | Bottom of exploration pit at depth 12 feet Seepage at 3 feet. Water flowing into excavation at 8.5 feet. Slight sloughing from 0 to 3 feet. |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1005

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="margin-top: 10px;">DESCRIPTION</p> |
|------------|--|
| | Fill |
| 1 | Moist, gray, fine to coarse GRAVEL, with fine to coarse sand, few silt. Digs dense. |
| 2 | Moist, brown, WOODY DEBRIS, few fine to coarse gravel, and fine to coarse sand - primarily wood waste. |
| 3 | Tough digging. |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | Bottom of exploration pit at depth 15 feet Seepage at 12.5 feet. No sloughing. |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1006

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Moist to wet, brown to gray, fine to coarse GRAVEL, and fine to coarse SAND, with cobbles, asphalt refuse, roots. |
| 2 | |
| 3 | |
| 4 | 1-inch topsoil horizon at 4 feet. |
| | Overbank Deposits |
| 5 | Medium stiff, black grading to light brown grading to gray with orange mottling, fine sandy SILT. |
| 6 | |
| 7 | |
| 8 | |
| 9 | Bottom of exploration pit at depth 8 feet Seepage from 2 to 4 feet. No sloughing. |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1007

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Medium dense, brown, fine to coarse SAND, with fine to coarse GRAVEL, little silt (Fill). Filter fabric at 1.5 feet. |
| 2 | River Channel Deposits |
| 3 | Dark gray stained, fine to coarse SAND, and fine to coarse GRAVEL, with silt. |
| 4 | 6-inch wood staved water pipe at 4 feet. |
| 5 | |
| 6 | Overbank Deposits |
| 7 | Log and other woody debris at 6 feet. |
| 8 | Soft, moist, light greenish gray, SILT / CLAY, occasional brown sand stringer, trace organics. |
| 9 | |
| 10 | Bottom of exploration pit at depth 9 feet No seepage. Minor sloughing from 0 to 4 feet. |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1008

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="margin-top: 10px;">DESCRIPTION</p> |
|------------|--|
| 1 | <p>Fill</p> <p>Loose; wet, black, organic-rich silty fine to medium SAND, few gravel.</p> <hr/> <p style="text-align: center;">River Channel Deposits</p> |
| 2 | Loose, very moist to wet, brown, silty fine SAND, trace gravel. |
| 3 | Loose, wet, brown, fine to coarse SAND, trace fine to coarse gravel. |
| 4 | |
| 5 | |
| 6 | |
| 7 | Bottom of exploration pit at depth 6 feet 6-inch concrete drain line encountered at 4 feet which flooded excavation. Seepage at 3 feet. No sloughing. |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1009

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="text-align: center;">DESCRIPTION</p> |
|------------|--|
| 1 | <p style="text-align: center;">Fill</p> <p>Loose, wet, brown, fine to coarse GRAVEL, and fine to coarse SAND, trace to few sand (pit run fill).</p> |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | <p>Bottom of exploration pit at depth 7 feet</p> <p>Seepage at 32 inches. Ruptured water line at 4 feet which flooded excavation. Severe sloughing from 0 to 7 feet.</p> |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KC/TP3 120126.GPJ July 12, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



Logged by: SST

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Project No. KV120126A

5/7/12

LOG OF EXPLORATION PIT NO. EP-1010

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Loose, wet, brown, fine to coarse SAND, and fine to coarse GRAVEL; contains asphalt and woody debris. |
| 2 | 2-inch black soot/ash horizon. |
| 3 | Overbank Deposits |
| 4 | Soft to loose, brown to gray, fine sandy SILT / silty fine SAND, occasional thin stringer of wet, brown, fine sand. |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | Bottom of exploration pit at depth 8 feet Water flowing into excavation from 2 to 3 feet. Sever sloughing from 0 to 4 feet. |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1011

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Moist, brown, fine to coarse SAND, and fine to coarse GRAVEL. |
| 2 | |
| | River Channel Deposits |
| 3 | Medium dense, moist, brown, fine to medium SAND, trace silt (weathered). |
| 4 | Becomes gray. |
| 5 | |
| 6 | |
| 7 | Becomes wet at 7 feet. |
| 8 | Bottom of exploration pit at depth 7.5 feet No seepage. Slight sloughing at 6 feet. |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

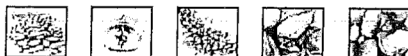
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LOG OF EXPLORATION PIT NO. EP-1013

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Quarry spalls (to 10 inches diameter), crushed rock. Digs dense. |
| 2 | |
| 3 | |
| 4 | Becomes brown, moist, WOOD DEBRIS / LOG DEBRIS, with gravel and sand. Digs dense. |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | Lacustrine Deposits ? |
| 10 | Soft, wet, gray with brown mottling, fine sandy SILT. |
| 11 | Soft, wet, greenish gray with brown mottling, fine sandy SILT, trace clay. |
| 12 | |
| 13 | Includes trace fine sand. |
| 14 | |
| 15 | |
| 16 | |
| 17 | Overbank Deposits |
| 18 | Medium dense, wet, gray with some brown mottling, fine SAND, trace to few silt, trace mica. |
| 19 | Bottom of exploration pit at depth 18 feet Seepage at 3 feet and at 10 feet. Slight to moderate sloughing from 0 to 9 feet. |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1014

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="margin-top: 10px;">DESCRIPTION</p> |
|------------|--|
| | Fill |
| 1 | Quarry spalls (to 6-inch diameter), with fine to coarse gravel, and fine to coarse sand, few silt. Digs dense. |
| 2 | |
| 3 | |
| 4 | Filter fabric at 3 feet |
| 5 | Medium dense, wet, brown, fine to coarse GRAVEL, and fine to coarse SAND, with woody debris. |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | Lacustrine Deposits ? |
| 17 | Soft, gray with greenish brown mottling, SILT / CLAY |
| 18 | Bottom of exploration pit at depth 17 feet Water flowing into excavation at 3 feet on top of filter fabric. Moderate sloughing from 0 to 3 feet. |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1015

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Wet, brown, COBBLES, little fine to coarse sand, and fine gravel. |
| | Lacustrine Deposits ? |
| 2 | Soft, wet, gray, CLAY / SILT. |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | Bottom of exploration pit at depth 7 feet Minor seepage at 1.5 feet. No sloughing. |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1016

| Depth (ft) | DESCRIPTION |
|------------|--|
| | Fill |
| 1 | Moist, gray, fine to coarse GRAVEL, and fine to coarse SAND, little cobbles, occasional boulder. Digs dense. |
| 2 | |
| 3 | |
| 4 | Moist, grayish brown, silty fine SAND. |
| 5 | Abandoned 2-inch steel pipe encountered at 5 feet. |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| | Lacustrine Deposits ? |
| 10 | Soft, wet, gray with greenish brown mottling, SILT / CLAY. |
| 11 | |
| 12 | |
| 13 | |
| 14 | Thin stringer of brown fine SAND. |
| 15 | |
| 16 | Bottom of exploration pit at depth 15 feet Seepage at 5 feet and at 9.5 feet. Slight sloughing at 9.5 feet. |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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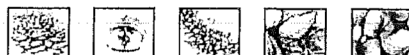
LOG OF EXPLORATION PIT NO. EP-1017

| Depth (ft) | DESCRIPTION |
|------------|--|
| | Fill |
| 1 | Wet, brown, fine to coarse GRAVEL, and fine to coarse SAND, few silt, trace cobbles, occasional boulder. |
| 2 | |
| 3 | |
| 4 | Overbank Deposits |
| 5 | Soft, very moist, gray, CLAY / SILT, occasional brown fine sand stringer, trace organics |
| 6 | |
| 7 | Bottom of exploration pit at depth 6 feet Water piping at 4 feet through clean gravel fill. No sloughing. |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1018

| Depth (ft) | DESCRIPTION |
|------------|--|
| | Fill |
| 1 | Construction debris (concrete debris, rebar, metal debris, etc.), with fine to coarse SAND, and fine to coarse gravel. |
| 2 | |
| 3 | |
| 4 | Overbank Deposits |
| 5 | Soft, moist to very moist, brown, SILT / CLAY, trace very fine sand, trace organics. |
| 6 | Lacustrine Deposits ? |
| 7 | Soft very moist, gray, CLAY. |
| 8 | |
| 9 | Bottom of exploration pit at depth 8 feet No seepage. No sloughing. |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1019

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Soft, very moist, black, ash. |
| 2 | |
| 3 | Loose, very moist, brown, fine to coarse GRAVEL, and fine to coarse SAND, few silt. |
| 4 | Overbank Deposits |
| 5 | Soft to medium stiff, moist, gray with brown mottling, sandy SILT, trace organics. |
| 6 | |
| 7 | |
| 8 | Lacustrine Deposits ? |
| 9 | Soft, very moist, fine sandy SILT / CLAY. |
| 10 | |
| 11 | |
| 12 | Becomes mottled brown. |
| 13 | |
| 14 | |
| 15 | Overbank Deposits |
| 16 | Loose to medium dense, wet, silty fine SAND / fine sandy SILT, trace organics (rushes). |
| 17 | River Channel Deposits |
| 18 | Wet, gray, fine to medium SAND. |
| 19 | |
| 20 | Bottom of exploration pit at depth 19 feet Seepage from 3 to 4 feet, and from 8.5 to 9 feet. Slight to moderate sloughing from 5 to 19 feet. |

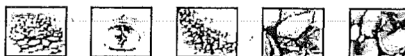
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LOG OF EXPLORATION PIT NO. EP-1020

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Medium dense, moist, brown, fine to coarse SAND, with fine to coarse gravel, few silt; debris includes 6-foot steel rail, geotextile fabric at 2 feet. |
| 2 | Wood debris. 1-foot thick wedge of gray, wet, fine to coarse GRAVEL, and fine to coarse SAND, little silt. |
| 3 | |
| | Overbank Deposits |
| 4 | Soft, wet, brown, SILT, trace organics. |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | Medium dense, wet, brown, fine to coarse SAND, with silt, trace organics. |
| 10 | |
| 11 | |
| | River Channel Deposits |
| 12 | |
| 13 | Medium dense, wet, gray, fine to coarse SAND, with fine to coarse gravel, trace silt. |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | Bottom of exploration pit at depth 18 feet Seepage at 9 feet. Hit abandoned fire line at 4 feet, water poured into excavation. Slight sloughing from 9 to 18 feet. |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1021

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Very moist, gray, fine to medium SAND, and fine to coarse GRAVEL, few silt. Dark brown to black, organic layer. |
| 2 | |
| 3 | |
| | Overbank Deposits |
| 4 | Soft, very moist to wet, greenish gray, SILT / CLAY, slight brown mottling, trace organics, occasional thin fine sand stringer. |
| 5 | |
| 6 | |
| 7 | Bottom of exploration pit at depth 7 feet Slight seepage at 1.5 feet. No sloughing. |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1022

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="margin: 0;">DESCRIPTION</p> |
|------------|---|
| | Fill |
| 1 | Medium dense, moist, gray, fine to coarse GRAVEL, with fine to coarse sand, trace silt. |
| 2 | WOODY DEBRIS, with fine to coarse gravel, and fine to coarse sand, few silt; woody debris includes dimensional lumber. Digs dense. |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Lacustrine Deposits ? |
| 11 | Soft, light gray with slight greenish gray mottling, SILT / CLAY. |
| 12 | Bottom of exploration pit at depth 11 feet Water flowing into excavation at 6 feet. Slight sloughing from 0 to 3 feet. |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

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LOG OF EXPLORATION PIT NO. EP-1023

| Depth (ft) | DESCRIPTION |
|------------|---|
| | Fill |
| 1 | Moist, gray, QUARRY SPALLS (to 6-inch diameter), with fine to medium sand, and fine to coarse gravel, trace to few silt, occasional woody debris. |
| 2 | |
| 3 | Wet, brown, WOOD DEBRIS, LOGS, with fine to coarse gravel, and fine to coarse gravel. |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Overbank Deposits |
| 11 | Soft to medium stiff, wet, tan to gray with reddish mottling, SILT, few fine sand, trace organics. |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | Lacustrine Deposits ? |
| 18 | Soft, wet, gray with brown mottling, SILT / CLAY, few fine sand. |
| 19 | Bottom of exploration pit at depth 18 feet Seepage at 5 feet. Water pouring into excavation at 6.5 feet. Slight sloughing from 0 to 18 feet. |
| 20 | |

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



Logged by: SST

Approved by:

Project No. KV120126A

5/7/12

LOG OF EXPLORATION PIT NO. EP-1024

| Depth (ft) | DESCRIPTION |
|------------|--|
| | Fill |
| 1 | Wood chips |
| 2 | Loose to medium dense, very moist, gray, fine to coarse SAND, and fine to coarse GRAVEL, few to little silt. |
| 3 | |
| 4 | Overbank Deposits |
| 5 | Loose, wet, brown, SILT / CLAY, with wood debris. |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | Peat |
| | Overbank Deposits |
| 11 | Loose to medium stiff, gray with brown mottling, SILT / CLAY, abundant rootlets, leave, mica flakes. |
| 12 | |
| 13 | |
| | River Channel Deposits |
| 14 | Medium dense, wet, very fine SAND, stratified, trace rootlets, leaves, mica flakes. |
| 15 | |
| 16 | |
| 17 | Bottom of exploration pit at depth 16 feet Abundant seepage from 1 to 1.5 feet. No sloughing. |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 12, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



Logged by: SST

Approved by:

Project No. KV120126A

5/7/12

LOG OF EXPLORATION PIT NO. EP-1025

| Depth (ft) | DESCRIPTION |
|------------|---|
| 1 | Grass / Weeds over Fill |
| 2 | 3 inch layer of black ash at base of fill. |
| 3 | Overbank Deposits |
| 4 | Loose to medium dense, moist, gray with slight black mottling, fine SAND, few silt, slightly stratified, trace plant material (rushes). |
| 5 | Lacustrine Sediments ? |
| 6 | Soft, very moist, gray, SILT / CLAY, trace fine sand, trace rushes and grasses. |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | Bottom of exploration pit at depth 10.5 feet Water seeping from approximately 5 to 5.5 feet. Moderate sloughing from 2 to 5 feet. |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

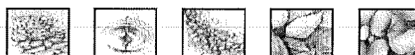
Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:



7/24/12

LOG OF EXPLORATION PIT NO. EP-1026

| Depth (ft) | <p style="font-size: small;">This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> <p style="margin-top: 10px;">DESCRIPTION</p> |
|------------|--|
| 1 | Fill Primarily wood chips. |
| 2 | 4 inch layer of black ash at base of fill. |
| 3 | Lacustrine Sediments ? Soft, very moist, gray with brown mottling, SILT, few clay. |
| 4 | |
| 5 | |
| 6 | |
| 7 | Bottom of exploration pit at depth 6 feet Slight sloughing from 0 to 2.5 feet. |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

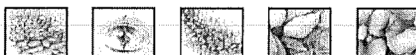
Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:



7/24/12

LOG OF EXPLORATION PIT NO. EP-1027

| Depth (ft) | DESCRIPTION |
|------------|--|
| | <p>This log is part of the report prepared by Associated Earth Sciences, Inc. (AESI) for the named project and should be read together with that report for complete interpretation. This summary applies only to the location of this trench at the time of excavation. Subsurface conditions may change at this location with the passage of time. The data presented are a simplification of actual conditions encountered.</p> |
| | Fill |
| 1 | Includes wood chips, cobbles, boulders. |
| 2 | 8 inch layer of black ash at base of fill. |
| | Overbank Deposits |
| 3 | Loose to medium stiff, moist to very moist, gravelly SILT, trace fine sand, trace clay, abundant disseminated organics. |
| 4 | |
| 5 | |
| 6 | |
| | Lacustrine Sediments ? |
| 7 | Medium stiff, moist, gray with brown mottling, SILT, few to little clay. |
| 8 | Bottom of exploration pit at depth 7 feet Seepage from 2.5 to 3 feet. no sloughing. |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Logged by:

Approved by:



Project No. KV120126A

7/24/12

LOG OF EXPLORATION PIT NO. EP-1028

| Depth (ft) | DESCRIPTION |
|------------|--|
| 1 | Fill |
| 2 | Brown to gray, SAND, gravel cobbles, boulders. |
| 3 | |
| 4 | |
| 5 | Overbank Deposits |
| 6 | Medium stiff, moist, gray with brown mottling SILT, trace very fine sand, trace clay, scattered plant material, rhizospheres (red ox occurring - hydric). At west end of pit at 4.5 feet: Medium stiff, very moist, light brown with reddish brown mottling, SILT, little very fine sand (redox). |
| 7 | Bottom of exploration pit at depth 7 feet No seepage. No sloughing. |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

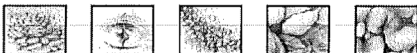
Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:



7/24/12

LOG OF EXPLORATION PIT NO. EP-1029

| Depth (ft) | DESCRIPTION |
|------------|--|
| 1 | Fill |
| 2 | |
| 3 | River Channel Deposits |
| 4 | Medium dense, moist to very moist, gray, fine to medium SAND, trace scattered organics. |
| 5 | |
| 6 | Overbank Deposits |
| 7 | Loose to medium dense, very moist, gray, SILT, scattered grasses, rushes, pockets of peat. |
| 8 | Bottom of exploration pit at depth 7 feet Seepage at 5 feet. Slight sloughing from 4 to 5.5 feet. |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:



7/24/12

LOG OF EXPLORATION PIT NO. EP-1030

| Depth (ft) | DESCRIPTION |
|------------|---|
| 1 | Fill Brown / black / gray, SAND, and gravel. |
| 2 | |
| 3 | River Channel Deposits |
| 4 | Medium dense, moist, gray, very fine SAND, few to little silt. |
| 5 | Few clasts of dense, brownish gray, silty fine to medium SAND, trace fine to coarse gravel, unsorted (diamict) at 5 feet. |
| 6 | Tree roots at 5.5 feet. |
| 7 | Overbank Deposits |
| 8 | Medium stiff, moist, gray with brown mottling, SILT, trace to few fine SAND, trace scattered organics, trace clay; twin horizons of peat. |
| 9 | Bottom of exploration pit at depth 7.5 feet No seepage. No sloughing. |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:



7/24/12

LOG OF EXPLORATION PIT NO. EP-1031

| Depth (ft) | DESCRIPTION |
|------------|--|
| 1 | <p>Fill</p> <p>Includes gravel, cobbles, boulders, debris.</p> |
| 2 | |
| 3 | |
| 4 | |
| 5 | <p>Overbank Deposits</p> <p>Soft, very moist, gray / brown, SILT, trace to few very fine sand, trace scattered organics (rushes, grasses); (not hydric soil).</p> <p>Loose, very moist grading to wet, light brown, very fine SAND, few silt, trace mica, and organics.</p> |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | <p>Bottom of exploration pit at depth 10 feet No seepage. Sloughing from 4 feet to 10 feet.</p> |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

KCTP3 120126.GPJ July 28, 2012

Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.



Logged by:

Approved by:

Project No. KV120126A

7/24/12

LOG OF EXPLORATION PIT NO. EP-1032

| Depth (ft) | DESCRIPTION |
|------------|---|
| 1 | <p>Fill</p> <p>Includes, sand, gravel, ash deposits, cobbles.</p> |
| 2 | |
| 3 | |
| 4 | |
| 5 | <p>Overbank Deposits</p> <p>Soft to medium stiff, moist to very moist, brownish gray, SILT, few very fine sand, trace scattered organics.</p> <p>Medium stiff, very moist to wet, gray with brown mottling, SILT, little clay, trace very fine sand.</p> <p>Stratified with lenses of gray, fine to medium SAND at 8 feet.</p> |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | <p>Bottom of exploration pit at depth 10 feet No seepage. No sloughing.</p> |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

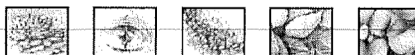
Snoqualmie Mill Site Snoqualmie, WA

Associated Earth Sciences, Inc.

Project No. KV120126A

Logged by:

Approved by:

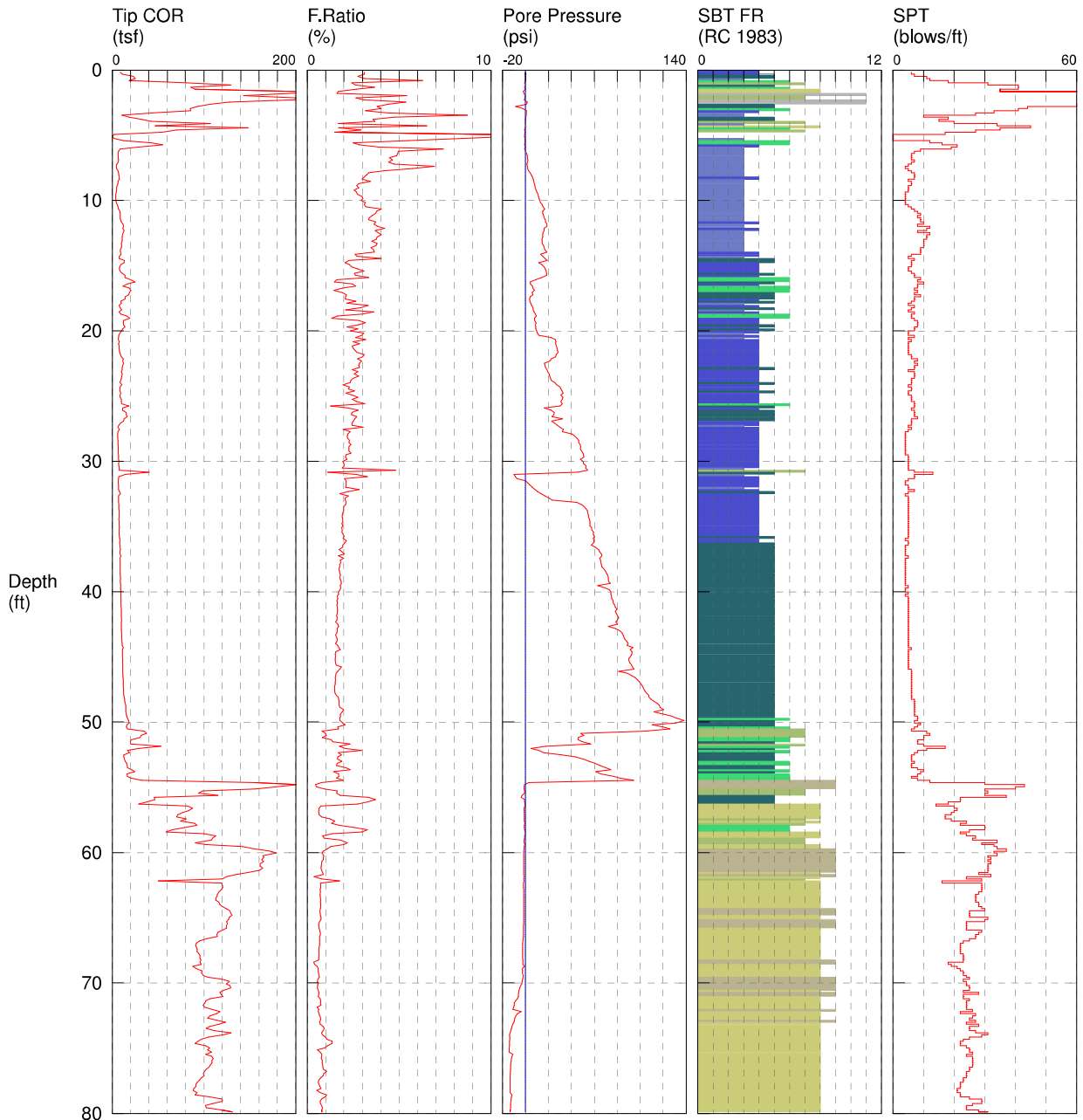


7/24/12

CPT-01

CPT CONTRACTOR: InSitu Engineering
 CUSTOMER: AES
 LOCATION: Snoqualmie
 JOB NUMBER: 120126H012

OPERATOR: Romanelli
 CONE ID: DDG1263
 TEST DATE: 12/7/2017 9:08:30 AM
 PREDRILL: N/A
 BACKFILL: 20% Bentonite Grout
 SURFACE PATCH: Granular Bentonite Chip



COMMENT:

- | | | | |
|--------------------------|-----------------------------|----------------------------|--------------------------------|
| 1 sensitive fine grained | 4 silty clay to clay | 7 silty sand to sandy silt | 10 gravelly sand to sand |
| 2 organic material | 5 clayey silt to silty clay | 8 sand to silty sand | 11 very stiff fine grained (*) |
| 3 clay | 6 sandy silt to clayey silt | 9 sand | 12 sand to clayey sand (*) |

*SBT/SPT CORRELATION: UBC-1983

HOLE NUMBER: CPT-01



OPERATOR: Romanelli

CPT CONTRACTOR: InSitu Engineering

CUSTOMER: AES

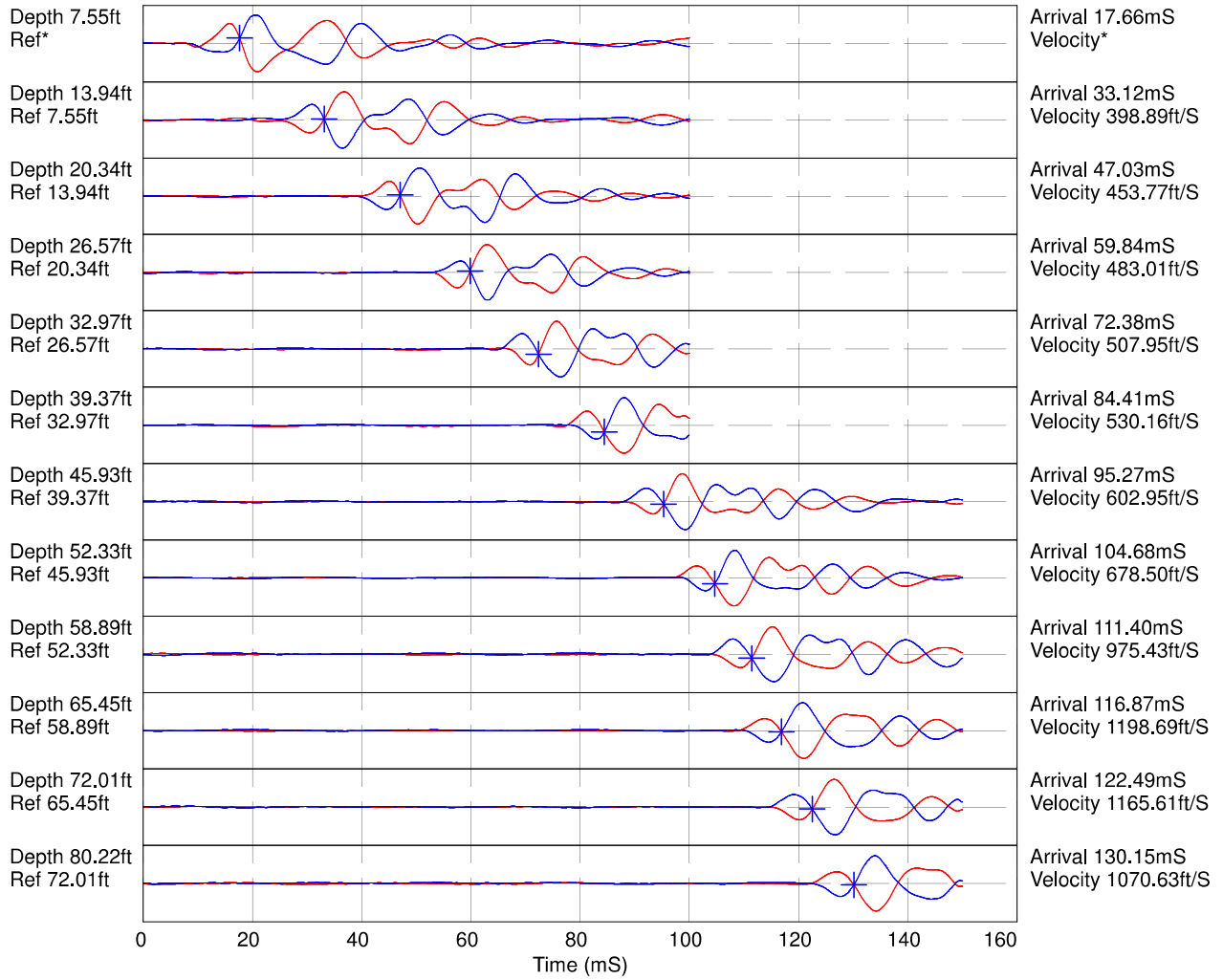
CONE ID: DDG1263

LOCATION: Snoqualmie

TEST DATE: 12/7/2017 9:08:30 AM

JOB NUMBER: 120126H012

HOLE NUMBER: CPT-01

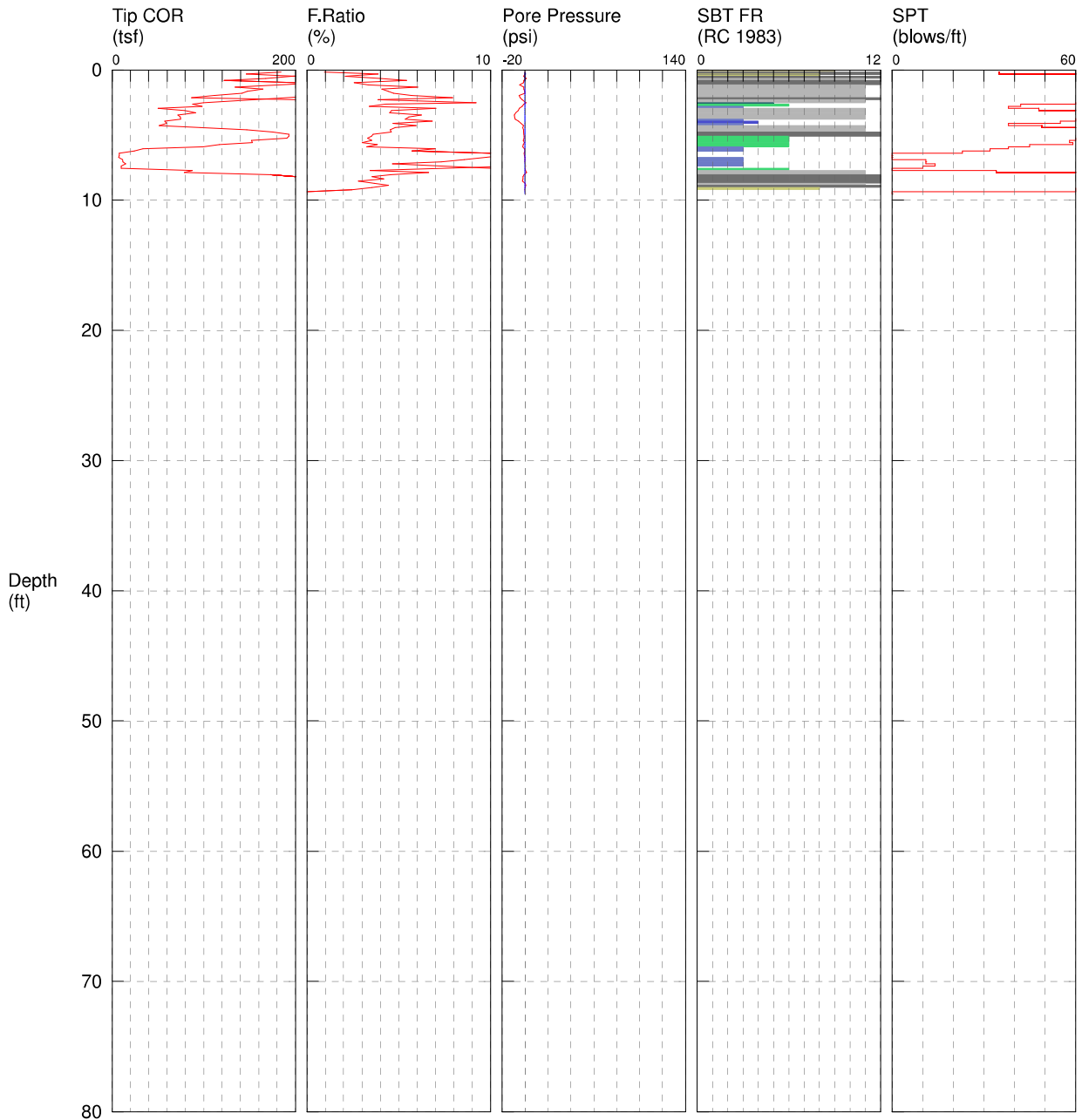


Hammer to Rod String Distance (ft): 2.82
 * = Not Determined

CPT-02

CPT CONTRACTOR: InSitu Engineering
 CUSTOMER: AES
 LOCATION: Snoqualmie
 JOB NUMBER: 120126H012

OPERATOR: Romanelli
 CONE ID: DDG1263
 TEST DATE: 12/7/2017 10:30:47 AM
 PREDRILL: N/A
 BACKFILL: 20% Bentonite Grout
 SURFACE PATCH: Granular Bentonite Chip



COMMENT:

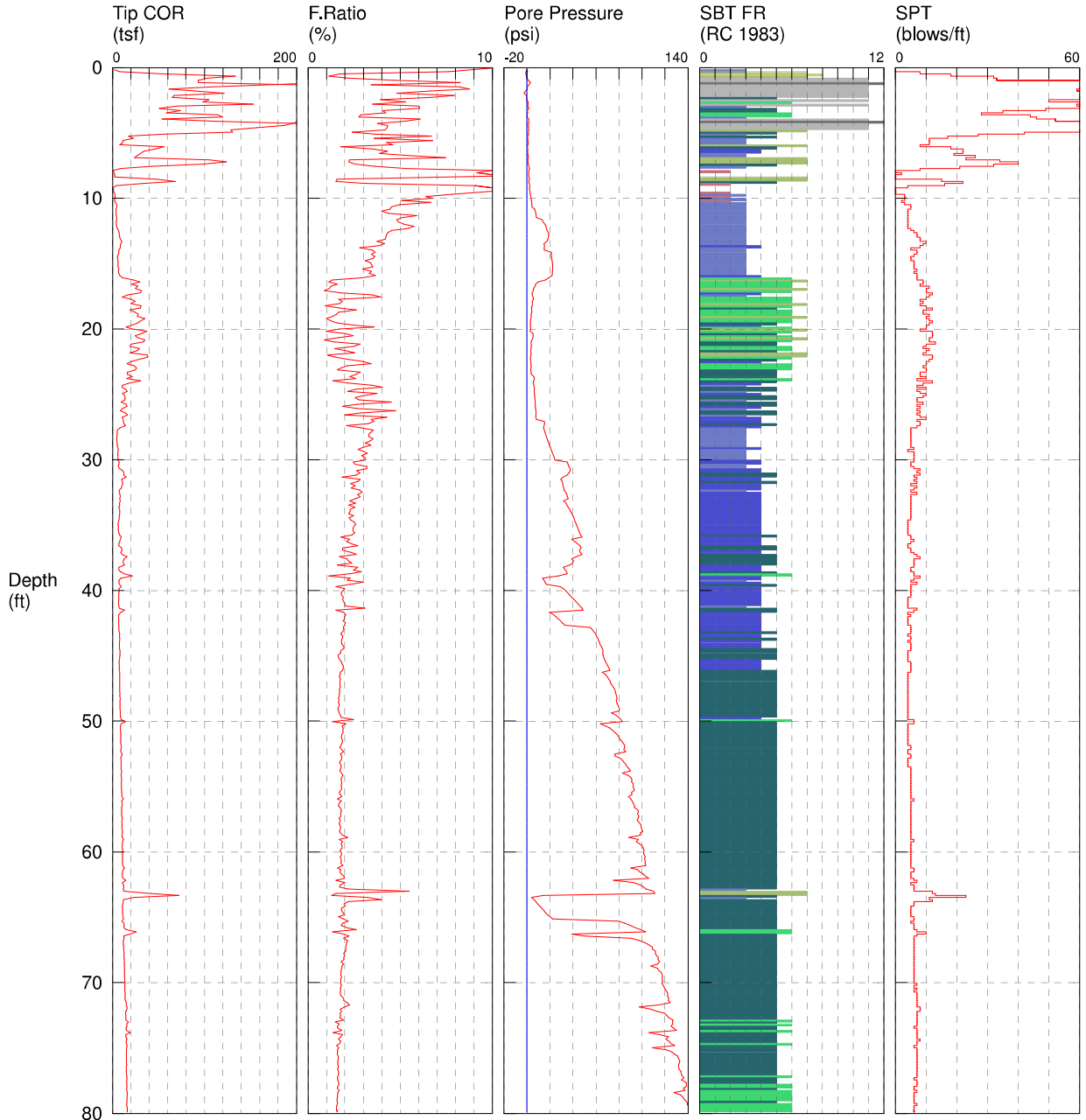
- | | | | |
|--------------------------|-----------------------------|----------------------------|--------------------------------|
| 1 sensitive fine grained | 4 silty clay to clay | 7 silty sand to sandy silt | 10 gravelly sand to sand |
| 2 organic material | 5 clayey silt to silty clay | 8 sand to silty sand | 11 very stiff fine grained (*) |
| 3 clay | 6 sandy silt to clayey silt | 9 sand | 12 sand to clayey sand (*) |

*SBT/SPT CORRELATION: UBC-1983

CPT-02a

CPT CONTRACTOR: InSitu Engineering
 CUSTOMER: AES
 LOCATION: Snoqualmie
 JOB NUMBER: 120126H012

OPERATOR: Romanelli
 CONE ID: DDG1263
 TEST DATE: 12/7/2017 10:49:48 AM
 PREDRILL: N/A
 BACKFILL: 20% Bentonite Grout
 SURFACE PATCH: Granular Bentonite Chip



COMMENT:

- | | | | |
|--------------------------|-----------------------------|----------------------------|--------------------------------|
| 1 sensitive fine grained | 4 silty clay to clay | 7 silty sand to sandy silt | 10 gravelly sand to sand |
| 2 organic material | 5 clayey silt to silty clay | 8 sand to silty sand | 11 very stiff fine grained (*) |
| 3 clay | 6 sandy silt to clayey silt | 9 sand | 12 sand to clayey sand (*) |

*SBT/SPT CORRELATION: UBC-1983

HOLE NUMBER: CPT-02a



OPERATOR: Romanelli

CPT CONTRACTOR: InSitu Engineering

CUSTOMER: AES

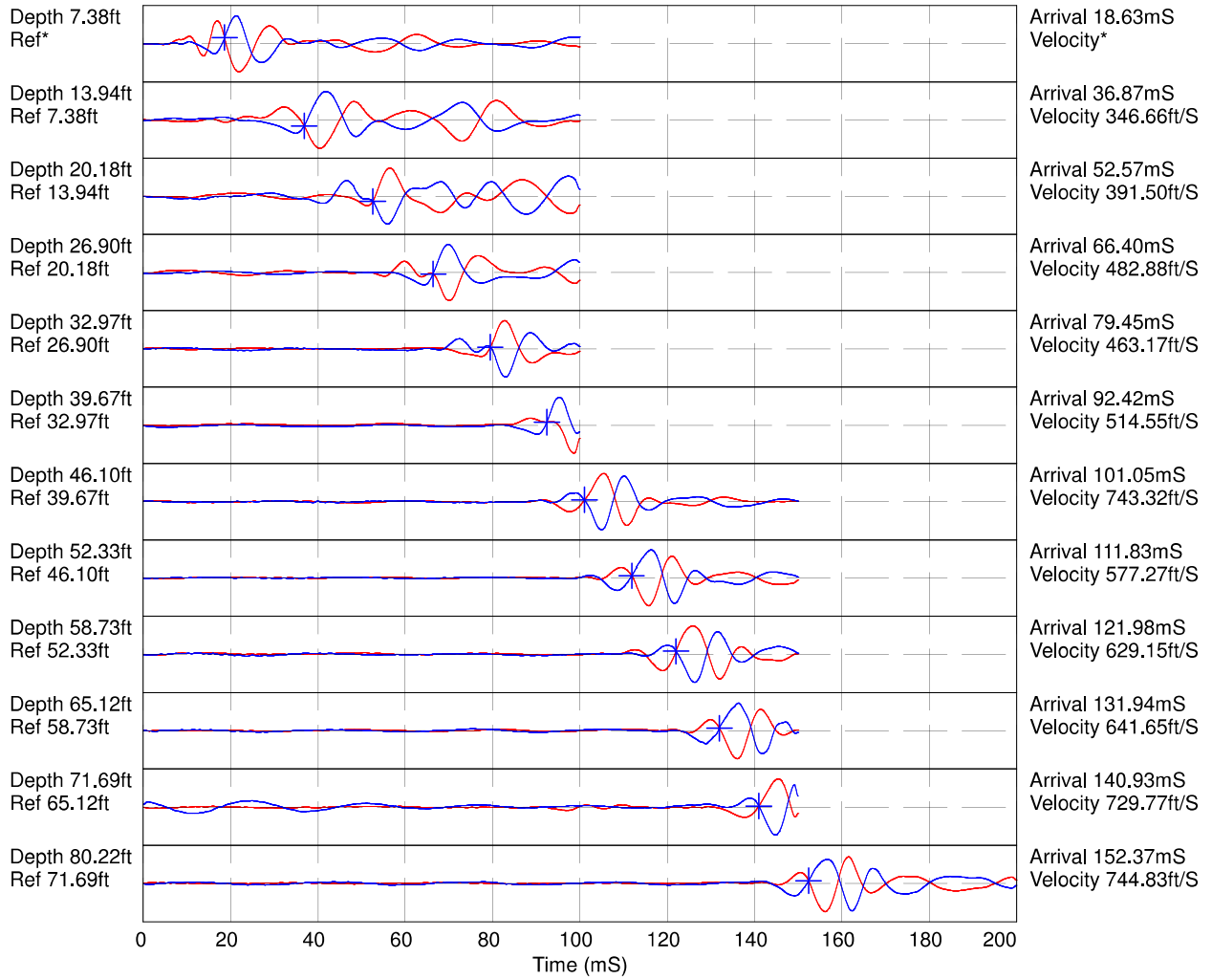
CONE ID: DDG1263

LOCATION: Snoqualmie

TEST DATE: 12/7/2017 10:49:48 AM

JOB NUMBER: 120126H012

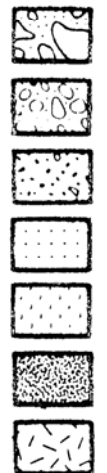
HOLE NUMBER: CPT-02a


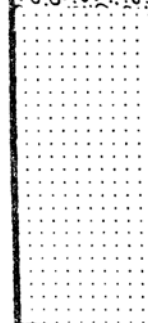


Hammer to Rod String Distance (ft): 2.82
 * = Not Determined


APPENDIX B

Off-Site Boring & Well Logs

| | | | | | |
|---|---|--|--|--|--|
| <p style="text-align: center;">LEGEND</p>  <p>COBBLES</p> <p>GRAVEL</p> <p>POORLY SORTED SAND</p> <p>WELL SORTED SAND</p> <p>DIAMICTON</p> <p>SILT - CLAY</p> <p>BEDROCK</p> | DRILLING METHOD: Cyclone TH-60 with air-operated, down-hole, DDH-15 hammer. | | | | |
| | SAMPLING METHOD: continuous sampling of cuttings; 3.75" I.D. split spoon sampler 18" in length, at 20' intervals beginning 18' below surface elevation; samples transferred to Weyerhaeuser storage. | | | | |
| | WATER LEVEL | | | | |
| | DATE | | | | |
| | TIME | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 10 | tan-gray, sandy GRAVEL with moderate cobbles (Qvdg) | |
| | 20 | | |
|  | 30 | tan-gray, medium SAND with occasional gravel (Qvds) | |
| | 40 | | |
| | 50 | | |

NOTES: Tokul Creek Delta boring (TK-1) is located about 2000 feet north and 1700 feet east of the SE corner of S. 19, T. 24 N., R. 8 E.

| | | |
|---|--------------|--|
| PROJECT NO. | <u>837-1</u> | DRILLING LOG |
| BORING NO. | <u>TK-1</u> | |
| ELEVATION | <u>541</u> | |
| PAGE <u>1</u> OF <u>4</u> | | |
| | |  ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

| | | | | | | | | | | | | | | | | |
|--|--|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> COBBLES </div> <div style="display: flex; align-items: center;"> GRAVEL </div> <div style="display: flex; align-items: center;"> POORLY SORTED SAND </div> <div style="display: flex; align-items: center;"> WELL SORTED SAND </div> <div style="display: flex; align-items: center;"> DIAMICTON </div> <div style="display: flex; align-items: center;"> SILT - CLAY </div> <div style="display: flex; align-items: center;"> BEDROCK </div> </div> | <p>DRILLING METHOD : Same</p> <hr/> <p>SAMPLING METHOD : Same</p> <hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | 60 | tan-gray, medium SAND with occasional gravel (Qvds) | |
| | 70 | | |
| | 80 | | |
| | 90 | tan-gray, sandy GRAVEL with occasional cobbles (Qvdg) | |
| | 100 | | |

NOTES:

PROJECT NO. 837-1
BORING NO. TK-1
ELEVATION same
PAGE 2 OF 4

DRILLING LOG

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| | | | | |
|---|--------------------------|--|--|--|
| <p style="text-align: center;">LEGEND</p> <p>COBBLES</p> <p>GRAVEL</p> <p>POORLY SORTED SAND</p> <p>WELL SORTED SAND</p> <p>DIAMICTON</p> <p>SILT - CLAY</p> <p>BEDROCK</p> | DRILLING METHOD : | | | |
| | same | | | |
| | SAMPLING METHOD : | | | |
| | same | | | |
| WATER LEVEL | | | | |
| DATE | | | | |
| TIME | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 110 | tan-gray, sandy GRAVEL with occasional cobbles (Qvdg) | |
| | 120 | tan-gray, fine to medium SAND with occasional gravel (Qvds) | |
| | 130 | | |
| | 140 | tan-gray, sandy GRAVEL with minor to moderate cobbles (Qvdg) | |
| | 150 | | |

NOTES:

PROJECT NO. 837-1
BORING NO. TK-1
ELEVATION same
PAGE 3 OF 4

DRILLING LOG

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LEGEND



COBBLES



GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



BEDROCK

DRILLING METHOD :

same

SAMPLING METHOD :

same

WATER LEVEL

DATE

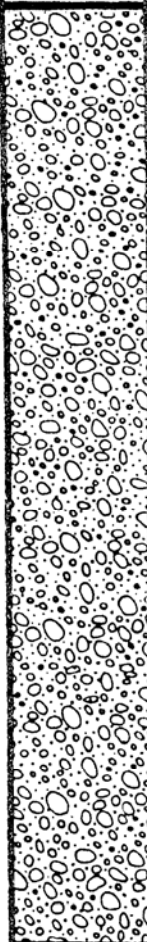
TIME

STRATA

DEPTH

DESCRIPTION

WATER TABLE(S)



160

170

180

190

200

tan-gray, sandy GRAVEL with minor to moderate cobbles (Qvdg)

NOTES:

PROJECT NO. 837-1
 BORING NO. TK-1
 ELEVATION same
 PAGE 4 OF 4

DRILLING LOG

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 137½ PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701

EXPLORATION BORING LOG

EB #1

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE BLOWS/FOOT | | | |
|-------|------|--|-------|-----------|--------------|---|----|----|----|
| | | | | | | 10 | 20 | 30 | 40 |
| | | Wet, brown, sandy, gravelly silt. | 0 | ele. 421' | | | | | |
| | | Moist, brown, silty sand. Some organics to 12'. | 5 | 416' | | | | | |
| | | | 10 | 411' | | | | | |
| | | | 15 | 406' | | | | | |
| | | | 20 | 401' | | | | | |
| | | | 25 | 396' | | | | | |
| | | | 30 | 391' | | | | | |
| | | | 35 | 386' | | | | | |
| | | | 40 | 381' | | | | | |

PRELIMINARY

Snoqualmie WWTP

8811-18G

Dec 1988

[Signature]

AST ASSOCIATED
EARTH
SCIENCES, INC

EXPLORATION BORING LOG

EB #1 Cont.

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | |
|-------|------|--|-------|-----------|--------------|---------------------------------|----|----|----|
| | | | | | | BLOWS/FOOT | | | |
| | | | | | | 10 | 20 | 30 | 40 |
| | | Moist, brown, silty sand. | 40 | ele. 381' | | | | | |
| | | Moist, brown, fine sandy silt. BOH at 44' | 45 | 376' | | ▲ | | | |
| | | | 50 | | | | | | |
| | | | 55 | | | | | | |
| | | | 60 | | | | | | |
| | | | 65 | | | | | | |
| | | | 70 | | | | | | |
| | | | 75 | | | | | | |
| | | | 80 | | | | | | |

PRELIMINARY

Snoqualmie WWTP

8811-18G

Dec 1988

W.S.



EXPLORATION BORING LOG

EB #2

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | | |
|-------|------|---|-------|-----------|--------------|---------------------------------|----|----|------|---|
| | | | | | | BLOWS/FOOT | | | | |
| | | | | | | 10 | 20 | 30 | 40 | |
| | | Moist, brown, silty, sandy gravel, with cobbles. Rough drilling. (RR grade fill) | 0 | ele. 443' | | | | | | |
| | | | 5 | 438' | | ▲ | | | | |
| | | 10 | 433' | | | | | | 70 | ▲ |
| | | 15 | 428' | | | | | | ▲ | |
| | | 20 | 423' | | | | | | 65 | ▲ |
| | | 25 | 418' | | | | | | 50/6 | ▲ |
| | | Damp, brown mottled grey, sandy gravel, with some silt. Very rough drilling. <i>Qvr</i> | | | | | | | | |
| | | BOH at 24' | | | | | | | | |
| | | Note: Stopped due to lack of penetration by auger. | | | | | | | | |

PRELIMINARY

| | | | |
|---------------------------------------|----------|-----------|--------------|
| Snoqualmie WWTP | 8811-18G | Dec. 1988 | <i>H. S.</i> |
| ASSOCIATED EARTH SCIENCES, INC | | | |

EXPLORATION BORING LOG

EB #3

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | |
|-------|------|--|-------|-----------|--------------|---------------------------------|----|----|----|
| | | | | | | BLOWS/FOOT | | | |
| | | | | | | 10 | 20 | 30 | 40 |
| | | Moist, dark brown, silty gravelly sand. Some organics. (RR grade fill) | 0 | ele. 443' | | ▲ | | | |
| | | | 5 | 438' | | | | | |
| | | | 10 | 433' | | | ▲ | | |
| | | | 15 | 428' | | | ▲ | | |
| | | | 20 | 423' | | | ▲ | | |
| | | | 25 | 418' | | | ▲ | | |
| | | | 30 | 413' | | | ▲ | | |
| | | | 35 | 408' | | | ▲ | | |
| | | | 40 | 403' | | | ▲ | | |

PRELIMINARY

Snoqualmie WWP

8811-18G

Dec 1988

W. L.



EXPLORATION BORING LOG

EB #3 Cont.

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | |
|-------|------|--|-------|-----------|--------------|---------------------------------|----|----|--------|
| | | | | | | BLOWS/FOOT | | | |
| | | | | | | 10 | 20 | 30 | 40 |
| | | Moist, brown, silty, well sorted medium sand. | 40 | ele. 403' | | | ▲ | | |
| | | | 45 | 398' | | | | | |
| | | — 2" gravel layer with water. | | | ▲ | | | | |
| | | Moist to wet, grey-brown, silty sand. | 50 | 393' | | | | | |
| | | Moist, grey-brown, silty, very fine sand, with scattered gravel and cobbles. Rough drilling. <i>Qv</i> | 55 | 388' | | | | ▲ | |
| | | Very wet, grey-brown, silty, clayey gravel, with cobbles. <i>Qva</i> | 60 | 383' | | | ▲ | | |
| | | — BOH at 63½' | 65 | 378' | | | | | 50/4 ▲ |
| | | Note: Stopped due to lack of penetration by auger. | 70 | 373' | | | | | |
| | | | 75 | | | | | | |
| | | | | 80 | | | | | |

PRELIMINARY

Snoqualmie WWTP

8811-18G

Dec 1988

M. S.



EXPLORATION BORING LOG

EB #4

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE BLOWS/FOOT | | | |
|-------|------|--|-------|-----------|--------------|---|----|----|----|
| | | | | | | 10 | 20 | 30 | 40 |
| | | Moist, brown, silty, gravelly sand (RR grade fill). | 0 | ele. 437' | | | | | |
| | | Some water. | 5 | 432' | | | | | |
| | | Wet, grey mottled brown, silt. | 10 | 427' | | | | | |
| | | Moist, grey, clayey, silty sand, with some gravel. | 15 | 422' | | | | | 59 |
| | | Damp, grey, clayey silt. | 20 | 417' | | | | | |
| | | -Moist- | 25 | 412' | | | | | |
| | | -Wet- | 30 | 407' | | | | | |
| | | 2" gravel layer with water. Moist, grey, clayey silt. | 40 | 397' | | | | | |

PRELIMINARY

Snoqualmie WWTP

| | | |
|---------------------------------------|-----------|-------------|
| 8811-18G | Dec. 1988 | <i>R.A.</i> |
| | | |
| ASSOCIATED EARTH SCIENCES, INC | | |

EXPLORATION BORING LOG

EB #4 Cont.

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE BLOWS/FOOT | | | | | |
|-------|------|---------------------------|-------|-----------|--------------|---|----|----|----|--|----|
| | | | | | | 10 | 20 | 30 | 40 | | |
| | | Moist, grey, clayey silt. | 40 | ele. 397' | | | | | | | |
| | | | 45 | 392' | | | | | | | |
| | | | 50 | 387' | | | | | | | |
| | | | 55 | 382' | | | | | | | |
| | | | 60 | 377' | | | | | | | 67 |
| | | | 65 | | | | | | | | |
| | | | 70 | | | | | | | | |
| | | | 75 | | | | | | | | |
| | | | 80 | | | | | | | | |

BOH at 59'

PRELIMINARY

8811-18G

Dec. 1988

W. S.

Snoqualmie WWTP

EST ASSOCIATED EARTH SCIENCES, INC

EXPLORATION BORING LOG

EB #5

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | |
|-------|------|---|-------|-----------|--------------|---------------------------------|----|----|----|
| | | | | | | BLOWS/FOOT | | | |
| | | | | | | 10 | 20 | 30 | 40 |
| | | Forest duff and cobbles. Very rough drilling. | 0 | ele. 437' | | | | | |
| | | Moist, grey mottled brown, silt, with trace scattered gravel. | 5 | 432' | ▲ | | | | |
| | | Moist, grey, clayey silt. Smooth drilling. <i>ova</i> | 10 | 427' | | | | ▲ | |
| | | | 15 | 422' | | | ▲ | | |
| | | -Wet- -Moist- | 20 | 417' | | | | ▲ | |
| | | | 25 | 412' | | | ▲ | | |
| | | | 30 | 407' | | | | ▲ | |
| | | -Wet- -Moist- | 35 | 402' | | | | | ▲ |
| | | | | 40 | 397' | | | | ▲ |

PRELIMINARY

8811-18G

Dec 1988

M. S.

Snoqualmie WWTP



EXPLORATION BORING LOG

EB #5 Cont.


| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | ELEVATION | GROUND WATER | STANDARD PENETRATION RESISTANCE | | | |
|-------|------|--|-------|-----------|--------------|---------------------------------|----|----|----|
| | | | | | | BLOWS/FOOT | | | |
| | | | | | | 10 | 20 | 30 | 40 |
| | | Moist, grey, clayey silt. Smooth drilling. <i>Qug</i> | 40 | ele. 397' | | | | ▲ | |
| | | | 45 | 392' | | | | | |
| | | | 50 | 387' | | | | ▲ | |
| | | -Wet- | 55 | 382' | | | | ▲ | |
| | | | 60 | 377' | | | | ▲ | |
| | | | 65 | | | | | | |
| | | | 70 | | | | | | |
| | | | 75 | | | | | | |
| | | | 80 | | | | | | |

BOH at 59'

Note: No groundwater or bedrock.

PRELIMINARY

Snoqualmie WWTP

| | | |
|--|-----------|--------------------|
| 8811-18G | Dec. 1988 | <i>[Signature]</i> |
|  ASSOCIATED EARTH SCIENCES, INC | | |

EXPLORATION BORING LOG

EB #6

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | ELEVATION | GROUND WATER | STANDARD PENETRATION RESISTANCE <small>BLows/foot</small> | | | |
|-------|------|---|-------|-----------|--------------|--|----|------|------|
| | | | | | | 10 | 20 | 30 | 40 |
| | | Forest duff with cobbles. | 0 | ele.439 | | | | | |
| | | Wet, grey/brown, silty, gravelly sand, with some cobbles. | 5 | 434' | I | | | | ▲ |
| | | Wet, grey, clayey silt. Smooth drilling. | 10 | 429' | I | | | | 58 ▲ |
| | | Damp, grey, fine sandy, silt. <i>qug</i> | 15 | 424' | I | | | ▲ | |
| | | Moist to wet, grey, silt, with trace scattered gravel. <i>qug</i> | 20 | 419' | I | | | ▲ | |
| | | | 25 | 414' | I | | | | ▲ |
| | | | 30 | 409' | I | | | | 53 ▲ |
| | | 35 | 404' | I | | | | 61 ▲ | |
| | | 40 | 399' | I | | | | 55 ▲ | |

PRELIMINARY

Snoqualmie WWTP

| | | |
|---------------------------------------|-----------|-------------|
| 8811-18G | Dec. 1988 | <i>M.A.</i> |
| ASSOCIATED EARTH SCIENCES, INC | | |

EXPLORATION BORING LOG

EB #6 Cont.

| GRAPH | USCS | SEDIMENT DESCRIPTION | DEPTH | SAMPLE | GROUND WATER | STANDARD PENETRATION RESISTANCE <small>BLOWS/FOOT</small> | | | | |
|-------|------|--|--|----------|--------------|--|----|----|------|--------|
| | | | | | | 10 | 20 | 30 | 40 | |
| | | | | | | | | | | |
| | | Moist, grey, silt. Very hard drilling. | 40 | ele. 399 | | | | | | |
| | | | | I | | | | | 64 ▲ | |
| | | | | 45 | 394' | | | | | |
| | | | Very dark grey to black bedrock. | | I | | | | | 50/2 ▲ |
| | | | BOH at 50' | 50 | 389' | | | | | |
| | | | | 55 | 384' | | | | | |
| | | | Note: Stopped due to lack of penetration by auger. | 60 | | | | | | |
| | | | | 65 | | | | | | |
| | | | 70 | | | | | | | |
| | | | 75 | | | | | | | |
| | | | 80 | | | | | | | |

PRELIMINARY

Snoqualmie WWTP

| | | |
|---------------------------------------|-----------|--------------|
| 8811-18G | Dec. 1988 | <i>J. S.</i> |
| ASSOCIATED EARTH SCIENCES, INC | | |

| | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> SANDY GRAVEL WITH COBBLES </div> <div style="display: flex; align-items: center;"> SANDY GRAVEL </div> <div style="display: flex; align-items: center;"> POORLY SORTED SAND </div> <div style="display: flex; align-items: center;"> WELL SORTED SAND </div> <div style="display: flex; align-items: center;"> DIAMICTON </div> <div style="display: flex; align-items: center;"> SILT - CLAY </div> <div style="display: flex; align-items: center;"> BEDROCK </div> <div style="display: flex; align-items: center; margin-top: 10px;"> PEAT </div> <div style="display: flex; align-items: center;"> SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 20%;">WATER LEVEL</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 10 | Silty, sandy, wood debris. (Fill) Poor sample recovery. | |
| | 20 | Brown, dry, slightly silty, fine to coarse sand with gravels and wood fragments. | |
| | 30 | Brown, dry, cobbly, sandy gravels. Becoming moist at 28' | |
| | 40 | Brown, moist, gravelly, fine to medium sand. Fining downward with less gravels with depth. | |
| | 50 | Cobbles and boulders between 49-52' | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-A1
ELEVATION 660
PAGE 1 OF 2

DRILLING LOG

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| | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> SANDY GRAVEL WITH COBBLES </div> <div style="display: flex; align-items: center;"> SANDY GRAVEL </div> <div style="display: flex; align-items: center;"> POORLY SORTED SAND </div> <div style="display: flex; align-items: center;"> WELL SORTED SAND </div> <div style="display: flex; align-items: center;"> DIAMICTON </div> <div style="display: flex; align-items: center;"> SILT - CLAY </div> <div style="display: flex; align-items: center;"> BEDROCK </div> <div style="display: flex; align-items: center; margin-left: 100px;"> PEAT </div> <div style="display: flex; align-items: center;"> SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|--------|--|----------------|
| | 52-54' | Brown, moist, fine to medium sand | |
| | 54' | Granite boulders at 54' | |
| | 54-60' | Dry, brown, silty, gravelly, fine to coarse sand with cobbles. | |
| | 60-57' | Grey bedrock. (Refusal) | |
| | 70 | TD 57' | |
| | 80 | | |
| | 90 | | |
| | 100 | | |










NOTES:

PROJECT NO. E93013A
BORING NO. EB-A1
ELEVATION 660
PAGE 2 OF 2

DRILLING LOG

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LEGEND

-  **SANDY GRAVEL WITH COBBLES**
-  **SANDY GRAVEL**
-  **POORLY SORTED SAND**
-  **WELL SORTED SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Reverse Air







SAMPLING METHOD :

Continuous

WATER LEVEL

DATE


TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|--|----------------|
|  | | Brown, dry, gravelly cobbles. | |
|  | 10 | Brown, moist, gravelly, fine to coarse sand with cobbles. | |
|  | 20 | | |
|  | 30 | Brown, dry, gravelly cobbles. | |
|  | 40 | Brown, dry, sandy, cobby gravels. | |
|  | 50 | Brown, moist, gravelly, fine to coarse sand. Coarsening downward with cobbles below 45 feet. | |










NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A2
 ELEVATION 590
 PAGE 1 OF 2

DRILLING LOG

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LEGEND

-  **SANDY GRAVEL WITH COBBLES**
-  **SANDY GRAVEL**
-  **POORLY SORTED SAND**
-  **WELL SORTED SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :




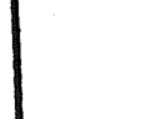
Continuous

WATER LEVEL

DATE

TIME


WATER TABLE(S)

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 50-51 | Brown, moist, fine to medium sand with scattered gravels between 49-51' | |
|  | 51-56 | Brown, moist, gravelly, fine to coarse sand. Becoming medium to coarse sand with gravels. Containing occasional very dense, fine sand lenses. | |
|  | 56-58 | Brown, moist, silty, gravelly, fine to coarse sand. containing cobbles and clay between 56-58 feet. | |
|  | 58-65 | Grey bedrock. | |
| | 65 | TD 65' (Refusal) | |
| | 70 | | |
| | 80 | | |
| | 90 | | |
| | 100 | | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A2
 ELEVATION 590
 PAGE 2 OF 2

DRILLING LOG

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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 10 | Brown, dry, sandy, gravelly, cobbles. | |
| | | Cobbly, boulders at 12' | |
| | | Cobbly, boulders at 16' | |
| | 20 | | |
| | | Cobbly, boulders at 26-28' | |
| | 30 | Brown, moist, sandy gravel with cobbles. Containing very dense fine sand lenses at 28-30'. Slightly silty 34-36' | |
| | 40 | | |
| | 50 | Containing some clay at 46-47' Coarsening downward into slightly sandy gravels at 48-50 feet. | |










NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A3
 ELEVATION 580
 PAGE 1 OF 3

DRILLING LOG

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LEGEND

-  **SANDY GRAVEL WITH COBBLES**
-  **SANDY GRAVEL**
-  **POORLY SORTED SAND**
-  **WELL SORTED SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :


Continuous

WATER LEVEL

DATE

TIME


WATER TABLE(S)

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--|-------|---|----------------|
|  | 60 | Grading into brown, moist, slightly silty, sandy gravel with cobbles at 50' | |
| | | Grading into medium to coarse sand at 64-66 feet. | |
| | 70 | Brown, moist, slightly silty, sandy gravel with cobbles. Increase in cobble content with depth. | |
| | 80 | Brown, moist, sandy gravel. | |
| | 90 | Brown, dry, sandy gravel with cobbles. Increase in cobble content with depth. | |
| | 100 | Brown, moist, gravelly, fine to coarse sand. | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A3
 ELEVATION 580
 PAGE 2 OF 3

DRILLING LOG

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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :

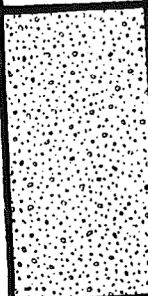

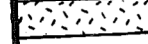
Continuous

WATER LEVEL

DATE

TIME

WATER TABLE(S)

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 110 | Fining downward to fine sand at 114 feet. | |
|  | | Brown, moist, gravelly, fine to coarse sand. | |
|  | 120 | Grey, dry, silty, angular gravel and sand. (Crushed Bedrock) | |
| | 130 | TD 118 $\frac{1}{2}$ ' (Refusal) | |
| | 140 | | |
| | 150 | | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A3
 ELEVATION 580
 PAGE 3 OF 3

DRILLING LOG

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| | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> SANDY GRAVEL WITH COBBLES </div> <div style="display: flex; align-items: center;"> SANDY GRAVEL </div> <div style="display: flex; align-items: center;"> POORLY SORTED SAND </div> <div style="display: flex; align-items: center;"> WELL SORTED SAND </div> <div style="display: flex; align-items: center;"> DIAMICTON </div> <div style="display: flex; align-items: center;"> SILT - CLAY </div> <div style="display: flex; align-items: center; margin-left: 20px;"> PEAT </div> <div style="display: flex; align-items: center;"> BEDROCK </div> <div style="display: flex; align-items: center; margin-left: 20px;"> SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 10 | Brown, dry 1-2" size gravels. | |
| | 20 | Brown and grey, sandy, gravelly, cobbles. Granodiorite boulder at 6' | |
| | 30 | | |
| | 40 | Brown, moist to dry, cobbly, sandy gravel. Containing some clay at 33-35 feet. | |
| | 50 | | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-A4
ELEVATION 580
PAGE 1 OF 4

DRILLING LOG

AS ASSOCIATED EARTH SCIENCES, INC.
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| | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <p>SANDY GRAVEL WITH COBBLES</p> </div> <div style="display: flex; align-items: center;"> <p>SANDY GRAVEL</p> </div> <div style="display: flex; align-items: center;"> <p>POORLY SORTED SAND</p> </div> <div style="display: flex; align-items: center;"> <p>WELL SORTED SAND</p> </div> <div style="display: flex; align-items: center;"> <p>DIAMICTON</p> </div> <div style="display: flex; align-items: center;"> <p>SILT - CLAY</p> </div> <div style="display: flex; align-items: center; margin-left: 100px;"> <p>PEAT</p> </div> <div style="display: flex; align-items: center;"> <p>BEDROCK</p> </div> <div style="display: flex; align-items: center; margin-left: 100px;"> <p>SILTY</p> </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | 60 | As above | |
| | 70 | | |
| | 80 | Gravelly, medium to coarse sand layers at 76-78' and 80-82 feet. | |
| | 90 | Brown, dry, gravelly, slightly silty, fine to coarse sand with cobbles. | |
| | 100 | Brown, moist, gravelly, medium to coarse sand with scattered cobbles. | |

NOTES:

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| <p>PROJECT NO. <u>E93013A</u></p> <p>BORING NO. <u>EB-A4</u></p> <p>ELEVATION <u>580</u></p> <p>PAGE <u>2</u> OF <u>4</u></p> | <p>DRILLING LOG</p> <p> ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701</p> |
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




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|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | As above | |
| | 110 | Brown, dry, sandy gravel. | |
| | 120 | | |
| | 130 | Grey, dry, cobbly, gravelly, fine to coarse sand. | |
| | 140 | Brown, moist, gravelly, fine to coarse sand with cobbles. | |
| | 150 | Brown, moist, sandy gravel. Cobbly boulder zone 147-150' | |

NOTES:

| | |
|---|--|
| PROJECT NO. <u>E93013A</u> | DRILLING LOG |
| BORING NO. <u>EB-A4</u> | ASSOCIATED EARTH SCIENCES, INC. |
| ELEVATION <u>580</u> | ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS |
| PAGE <u>3</u> OF <u>4</u> | 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

LEGEND

-  **SANDY GRAVEL WITH COBBLES**
-  **SANDY GRAVEL**
-  **POORLY SORTED SAND**
-  **WELL SORTED SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Reverse Air

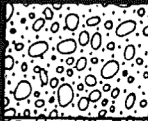



SAMPLING METHOD :

Continuous

WATER LEVEL

DATE


TIME










| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | | As above | |
|  | 160 | Brown, dry, sandy, well sorted 1/2" size gravels. Becoming sandier with depth. | |
|  | 170 | Brown, moist, sandy gravels with cobbles, gravels up to 2" in size. Grading into gravelly, coarse sand at 170 feet. | |
|  | | Cobbles and boulders. | |
| | 180 | TD 175' (Refusal) | |
| | 190 | | |
| | 200 | | |

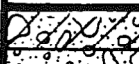
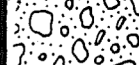
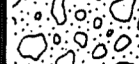

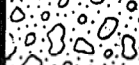

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A4
 ELEVATION 580
 PAGE 4 OF 4

DRILLING LOG

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| | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  SANDY GRAVEL WITH COBBLES  SANDY GRAVEL  POORLY SORTED SAND  WELL SORTED SAND  DIAMICTON  SILT - CLAY  BEDROCK </div> <div style="width: 50%;">  PEAT  SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|--|----------------|
|  | | Brown, dry, silty, sandy, cobbly, gravels with wood pieces. (Fill) | |
|  | 10 | Brown to grey, sandy gravelly cobbles. | |
|  | 20 | Cobbly boulder zone 11-17' | |
|  | 30 | | |
|  | 40 | Cobbly boulder zone 34-46 $\frac{1}{2}$ '. Containing some clay. | |
|  | 50 | Brown, moist, sandy gravel. | |

NOTES:

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|---|---|
| <p>PROJECT NO. <u>E93013A</u></p> <p>BORING NO. <u>EB-A51</u></p> <p>ELEVATION <u>590</u></p> <p>PAGE <u>1</u> OF <u>2</u></p> | <p>DRILLING LOG</p> <p>ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137$\frac{1}{2}$ PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701</p> |
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| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|--------------------------|
| | 60 | Grading into gravelly, fine to coarse sand at 50 feet. Gravel layer at 58-59 feet. | WD 89' 8/13/90 |
| | 70 | Fine to coarse sandy layer with gravels at 64 feet. Boulder at 67½ feet. | |
| | 80 | Grading into fine to medium sand with occasional gravels and cobbles. | |
| | 90 | Saturated, grey, sandy clay with gravels. | |
| | 100 | Saturated, brown, sandy, clayey cobbles and boulders. | |
| | | TD 98' (Refusal) | |

NOTES: WD= While drilling. Water added to hole to prevent clay from binding up sample hose.

PROJECT NO. E93013A
 BORING NO. EB-A51
 ELEVATION 590
 PAGE 2 OF 2

DRILLING LOG




























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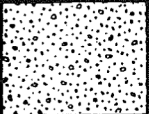





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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 0 | Brown, oxidized, dry, silty, gravelly, fine to coarse sand with wood pieces and minor organics. (Fill) | |
| | 10 | Grey, dry, sandy, gravelly, cobbles with boulders. Boulder zone 5-7 feet. Containing fine to coarse sand layer at 9-10 feet. | |
| | 20 | Pushing boulders with drill bit 20-29 feet. Poor recovery on samples. | |
| | 30 | | |
| | 40 | Gravelly, fine to coarse sand layer at 34-36 feet. Coarsening downward into cobbles at 38-39 feet. | |
| | 50 | Brown, moist, gravelly, medium to coarse sand. Cobble zone at 47 feet. | |

NOTES: Drilled 30 Ft. North of EB-A51

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|---|---|
| PROJECT NO. <u>E93013A</u> | DRILLING LOG |
| BORING NO. <u>EB-A52</u> | |
| ELEVATION <u>590</u> | |
| PAGE <u>1</u> OF <u>2</u> | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|---|---------------------|---|---------------------------|---|-------------------------|---|------------------|---|--------------------|---|----------------|---|-------------|---|--------------|---|--------------------|--|--|--|--|--|-------------|--|--|--|--|--|-------------|--|--|--|--|--|
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|  | SANDY GRAVEL WITH COBBLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|------------------------------|----------------|
|  | - | As above | |
|  | 60 | Grey, dry, gravelly cobbles. | |
|  | - | Boulder at 66 feet. | |
|  | 70 | TD 67' (Refusal) | |
|  | 80 | | |
|  | 90 | | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-A52
ELEVATION 590
PAGE 2 OF 2

DRILLING LOG

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| | | |
|---|--|--|
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| | | |
| | | |
| | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 10 | <p>Brown, moist, silty, fine to medium sand with gravels.</p> <p>Brown, dry, gravelly, silty fine to coarse sand. Containing cobbles at 6 feet.</p> <p>Grading into grey, dry, sandy gravels with cobbles. Cobbly zone at 8-11 feet.</p> | |
| | 20 | <p>Brown, moist, gravelly fine to coarse sand with cobbles.</p> <p>Gravelly coarse sand layer at 26'</p> | |
| | 30 | <p>Cobble zone at 33-35 feet.</p> | |
| | 40 | <p>Cobble zone at 38-40 feet.</p> | |
| | 50 | <p>Brown, moist, gravelly, coarse sand with scattered cobbles.</p> <p>Cobble zone at 46-48 feet.</p> | |
| | 50 | | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-A6
ELEVATION 560
PAGE 1 **OF** 5

DRILLING LOG

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|---|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> SANDY GRAVEL WITH COBBLES </div> <div style="display: flex; align-items: center;"> SANDY GRAVEL </div> <div style="display: flex; align-items: center;"> POORLY SORTED SAND </div> <div style="display: flex; align-items: center;"> WELL SORTED SAND </div> <div style="display: flex; align-items: center;"> DIAMICTON </div> <div style="display: flex; align-items: center;"> SILT - CLAY </div> <div style="display: flex; align-items: center;"> BEDROCK </div> <div style="display: flex; align-items: center; margin-left: 100px;"> PEAT </div> <div style="display: flex; align-items: center;"> SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 60 | Sandy, well sorted $\frac{1}{2}$ to 1" gravels at 50-52 feet. | |
| | | Brown, dry, gravelly cobbles. | |
| | 70 | Brown, moist, gravelly, medium to coarse sand. Coarsening downward to gravelly coarse sand. | |
| | 80 | Brown, moist, sandy, well sorted gravels ($\frac{1}{2}$ -1") with cobbles. grading into sandy, cobbly, poorly sorted gravel at 82 feet. | |
| | 90 | Brown, moist, gravelly, coarse sand. | |
| | 100 | Grey, dry, gravelly cobbles. | |

NOTES:

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|---|----------------|---|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-A6</u> | |
| ELEVATION | <u>560</u> | |
| PAGE <u>2</u> OF <u>5</u> | | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |




























| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 110 | As above with clayey, sandy, cobbly gravel layer at 99-101 feet. | |
| | 120 | Cobble zone 119-120 feet. | |
| | 130 | Brown, moist, gravelly, medium to coarse sand. | |
| | 140 | Brown, moist, sandy gravel with scattered cobbles | |
| | 150 | Cobble zone at 130-133 feet. | |





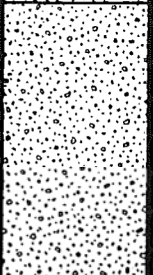
NOTES:

PROJECT NO. E93013A
BORING NO. EB-A6
ELEVATION 560
PAGE 3 **OF** 5


DRILLING LOG

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| <p style="text-align: center;">LEGEND</p> <table style="width: 100%;"> <tr> <td style="width: 15%;"></td> <td>SANDY GRAVEL WITH COBBLES</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td></td> <td>SANDY GRAVEL</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>POORLY SORTED SAND</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>WELL SORTED SAND</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>DIAMICTON</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>SILT - CLAY</td> <td></td> <td>PEAT</td> <td></td> <td></td> </tr> <tr> <td></td> <td>BEDROCK</td> <td></td> <td>SILTY</td> <td></td> <td></td> </tr> </table> |  | SANDY GRAVEL WITH COBBLES | | | | |  | SANDY GRAVEL | | | | |  | POORLY SORTED SAND | | | | |  | WELL SORTED SAND | | | | |  | DIAMICTON | | | | |  | SILT - CLAY |  | PEAT | | |  | BEDROCK |  | SILTY | | | <p>DRILLING METHOD : Reverse Air</p> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
|  | SANDY GRAVEL WITH COBBLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY |  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK |  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 160 | Cobbly, medium to coarse sand 150-153 feet Sandy gravel layer at 156-158 feet. | |
|  | 170 | Becoming sandy, cobbly gravels at 166 feet. | |
|  | 180 | Brown, dry, sandy gravel. | |
|  | 190 | Brown, dry, gravelly cobbles. Brown, moist, cobbly, gravelly, fine to coarse sand. | |
|  | 200 | Fining downward into fine to coarse sand at 192-195' | |

NOTES:

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|---------------------------|----------------|--|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-A6</u> | |
| ELEVATION | <u>560</u> | |
| PAGE <u>4</u> OF <u>5</u> | |  ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse Air

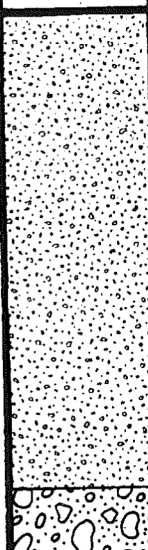

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 210 | As above. Cobble zone at 200-201 feet. Cobble zone at 205-206 feet. Containing less cobbles below 208 feet. | |
| | 220 | Gravelly, medium to coarse sand layer with cobbles at 218-220 feet. | |
|  | 230 | Brown, dry, sandy, gravelly, cobbles and boulders. | |
| | 240 | TD 229' (Refusal) | |
| | 250 | | |










NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A6
 ELEVATION 560
 PAGE 5 OF 5

DRILLING LOG

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LEGEND

-  SANDY GRAVEL WITH COBBLES
-  SANDY GRAVEL
-  GRAVELLY SAND
-  WELL SORTED SAND
-  DIAMICTON
-  SILT - CLAY
-  BEDROCK
-  PEAT
-  SILTY

DRILLING METHOD :

HOLLOW-STEM AUGER




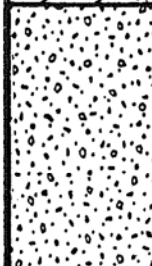

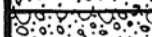
SAMPLING METHOD :

2.5 Inch I.D. Split Spoon
 driven by a 300 lb. hammer falling
 30 inches.

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | 5 | Slightly silty to silty, medium to coarse sandy GRAVEL --Qvdg | |
|  | 10 | | |
|  | 15 | | |
|  | 20 | Gravelly, poorly sorted SAND --Qvdg | |
|  | 25 | | |
|  | 25 | Poorly sorted sandy GRAVEL --Qvdg | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-A7
 ELEVATION 590'
 PAGE 1 OF 4

DRILLING LOG



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



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| DATE | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|-------------------------------------|----------------|
| | 30 | Poorly sorted sandy GRAVEL--Qvdg | |
| 35 | | | |
| | 40 | Gravelly, poorly sorted SAND --Qvdg | |
| 45 | | | |
| 50 | | | |

NOTES:

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| PROJECT NO. <u>E93013A</u> BORING NO. <u>EB-A7</u> ELEVATION <u>590'</u> PAGE <u>2</u> OF <u>4</u> | DRILLING LOG ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |
|---|--|

LEGEND

-  SANDY GRAVEL WITH COBBLES
-  SANDY GRAVEL
-  GRAVELLY SAND
-  WELL SORTED SAND
-  DIAMICTON
-  SILT - CLAY
-  BEDROCK
-  PEAT
-  SILTY

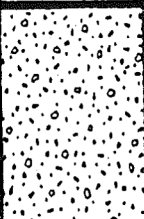
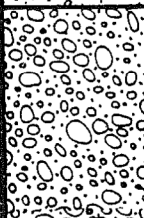
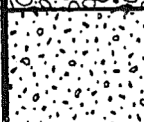
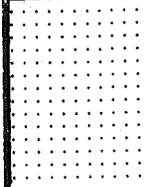
DRILLING METHOD :

SAMPLING METHOD :

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-----------|--|----------------|
|  | 55 | Gravelly, poorly sorted SAND--Qvdg | |
|  | 60 | Fine to medium, sandy GRAVEL--Qvdg | |
|  | 65 | Gravelly. fine to medium SAND--Qvdg | |
|  | 70 | Poorly sorted SAND with scattered gravel--Qvds | |
| | 75 | | |










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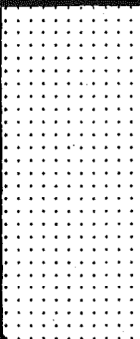
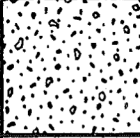
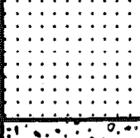
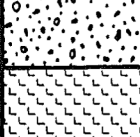
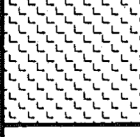
PROJECT NO. E93013A
 BORING NO. EB-A7
 ELEVATION 590'
 PAGE 3 OF 4

DRILLING LOG



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| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  SANDY GRAVEL WITH COBBLES  SANDY GRAVEL  GRAVELLY SAND  WELL SORTED SAND  DIAMICTON  SILT - CLAY  BEDROCK </div> <div style="width: 50%;">  PEAT  SILTY </div> </div> | <p>DRILLING METHOD :</p> <hr/> <p>SAMPLING METHOD :</p> <hr/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|--|----------------|
|  | 80 | Poorly sorted SAND with scattered gravel--Qvds | |
|  | 85 | Gravelly, well sorted, medium SAND--Qvds | |
|  | 90 | Well sorted, fine to medium SAND--Qvds | |
|  | 95 | Gravelly, well sorted, medium SAND --Qvds | |
|  | 100 | Sandy, gravelly SILT --Qpvu | |
| TD | | | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-A7
ELEVATION 590'
PAGE 4 OF 4

DRILLING LOG

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| | | | | | | | | | | | | | | | | |
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



| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 10 | Brown, dry, cobbly, gravelly, silty fine to coarse sand. (Fill) | |
| | 20 | Brown, dry, gravelly, cobbles with boulders. Boulder zone at 12-16 feet. | |
| | 30 | Brown, dry becoming moist with depth, sandy, gravel with cobbles. Increase in cobble content below 31 feet. | |
| | 40 | Cobbly boulder zone between 36-38 feet | |
| | 50 | | |




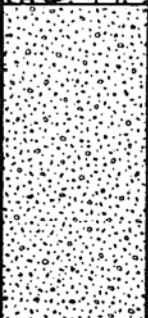
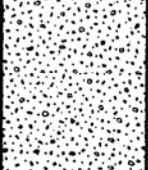
NOTES:

PROJECT NO. E93013A
BORING NO. EB-B1
ELEVATION 580
PAGE 1 OF 5


DRILLING LOG

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| <p style="text-align: center;">LEGEND</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  SANDY GRAVEL WITH COBBLES  SANDY GRAVEL  POORLY SORTED SAND  WELL SORTED SAND  DIAMICTON  SILT - CLAY  BEDROCK </div> <div style="width: 45%;">  PEAT  SILTY </div> </div> | <p>DRILLING METHOD : Reverse Air</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">WATER LEVEL</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | | DATE | | | | | | TIME | | | | | |
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| DATE | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|--|----------------|
|  | 60 | Pushing boulders with drill bit Poor sample recovery between 50-60 feet. Becoming less cobbly 59-60 feet. | |
|  | 70 | Cobble zone 66-70' | |
|  | 80 | | |
|  | 90 | Brown, moist, gravelly, fine to coarse sand. | |
|  | 100 | Gravelly, medium to coarse sand layer between 94-98' | |

NOTES:

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|----------------------------|--|
| PROJECT NO. <u>E93013A</u> | DRILLING LOG |
| BORING NO. <u>EB-B1</u> | |
| ELEVATION <u>580</u> | |
| PAGE <u>2</u> OF <u>5</u> |  ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

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| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | As above. | |
| | 110 | Grading into brown, moist, gravelly, medium to coarse sand. | |
| | 120 | | |
| | 130 | Brown, moist, sandy gravel. | |
| | 140 | Brown, moist, slightly silty, fine to coarse sand. | |
| | 150 | Brown, moist, sandy, gravel, grading to slightly sandy, well sorted 1" gravels. | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-B1
ELEVATION 555
PAGE 3 **OF** 5

DRILLING LOG

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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|---------------------------------|---|----------------|
| | 160 170 180 190 200 | <p>Brown, moist, gravelly, fine to coarse sand. Sandy gravel layer 153-160 feet.</p> <p>Grading into brown, moist, gravelly, medium to coarse sand. Becoming cobbly, gravelly, fine to coarse sand with depth.</p> <p>Containing some clay 181-184 feet.</p> <p>Grading into brown, moist, gravelly, medium to coarse sand.</p> <p>Cobble zone at 199-200 feet.</p> | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-B1
ELEVATION 555
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DRILLING LOG

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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | As above. | |
| | 210 | Brown, moist, cobbly boulders with some clay. | |
| | 220 | Brown, moist, fine to coarse sand. Cobbly boulder zone at 216-219 feet. | |
| | 230 | Grading into brown, moist, fine to medium sand with scattered gravels. | |
| | 240 | Grading into brown, moist, gravelly, fine to coarse sand. Cobbles and boulders at 234-236 feet. Brown, moist, sandy gravel with cobbles. | |
| | 250 | TD 241' | |

NOTES:

PROJECT NO. E93013A
BORING NO. EB-B1
ELEVATION 555
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DRILLING LOG
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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Brown, dry, silty, fine to coarse sand with gravels. (Fill) | |
| | 10 | Brown, dry, sandy, gravelly, cobbles. | |
| | 20 | Boulder zone at 12 feet. Pushing boulders with drill bit. Poor sample recovery between 12-50 feet. | |
| | 30 | | |
| | 40 | | |
| | | | |
| | | | |
| | | | |
| | 50 | | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B2
 ELEVATION 535
 PAGE 1 OF 4

DRILLING LOG



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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

STRATA

DEPTH

DESCRIPTION

WATER TABLE(S)

| | | |
|-----|---|--|
| 60 | As above. | |
| 70 | Brown, moist, gravelly, fine to coarse sand. | |
| 80 | Brown, moist, sandy gravel with cobbles. | |
| 90 | Cobbly boulders 75-82 feet. Poor sample recovery 75-79 feet Pushing boulder with drill bit. | |
| 93 | Brown, moist, gravelly, fine to coarse sand. Cobble content increasing below 93 feet. | |
| 97 | Gravelly cobble zone 93-97 feet. | |
| 100 | | |










NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B2
 ELEVATION 535
 PAGE 2 OF 4

DRILLING LOG

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LEGEND

-  **SANDY GRAVEL WITH COBBLES**
-  **SANDY GRAVEL**
-  **POORLY SORTED SAND**
-  **WELL SORTED SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Reverse Air

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

STRATA

DEPTH

DESCRIPTION

**WATER
TABLE(S)**

As above.

110

Grading into brown, silty, gravelly, fine to coarse sand with cobbles.

120

Highly oxidized 113-114 feet.

130

Containing less silt below 128 feet.

140

Sandy, gravelly, cobble zone 134-137 feet.

150

Sandy, gravelly, cobble zone at 144-147 feet.

NOTES:

PROJECT NO. E93013A

BORING NO. EB-B2

ELEVATION 535

PAGE 3 **OF** 4

DRILLING LOG



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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 160 | <p>As above.</p> <p>Brown, moist, fine to coarse sand with minor gravels.</p> <p>Increase gravel content below 160 feet.</p> | |
| | 170 | <p>Cobble zone at 172-174 feet.</p> | |
| | 180 | <p>Grading into sandy gravels with cobbles. Coarsening downward with depth. Boulders at 183 feet.</p> | |
| | 190 | <p>TD 183' (Refusal)</p> | |
| | 200 | | |

NOTES:

| | | |
|---|----------------|---|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-B2</u> | |
| ELEVATION | <u>535</u> | |
| PAGE <u>4</u> OF <u>4</u> | | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS 137 1/2 PARK LANE • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Initiated 3/29/91 | |
| | | Brown, dry, sandy, gravelly cobbles. | |
| | 10 | Brown, dry, cobbles with gravels. | |
| | 20 | Boulders and cobbles 18'-23'. | |
| | 30 | | |
| | | Brown, dry, sandy gravel. | |
| | 40 | Grading interbeds of brown, moist, gravelly, fine to coarse sand and sandy gravel with occasional cobbles. | |
| | 50 | | |










NOTES:

PROJECT NO. E93013A
BORING NO. EB-B3
ELEVATION 555
PAGE 1 **OF** 5

DRILLING LOG

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LEGEND

-  SANDY GRAVEL WITH COBBLES
-  SANDY GRAVEL
-  POORLY SORTED SAND
-  WELL SORTED SAND
-  DIAMICTON
-  SILT - CLAY
-  BEDROCK
-  PEAT
-  SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

| | | | | |
|--------------------|--|--|--|--|
| WATER LEVEL | | | | |
| DATE | | | | |
| TIME | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | As above. | |
| | 60 | Cobble zone 57'-58'. | |
| | 70 | Highly oxidized, gravelly cobbles 63'-64'. | |
| | 80 | Gravelly cobble zone 80'-83'. | |
| | 90 | | |
| | 100 | Cobble zone 97'-101'. | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B3
 ELEVATION 555
 PAGE 2 OF 5

DRILLING LOG

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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Grading interbeds of brown, moist, gravelly, fine to coarse sand and sandy gravel with occasional cobbles. | |
| | 110 | Gravelly cobble zone 110'-112'. | |
| | | Cobble zone 114'-116'. | |
| | 120 | Cobble zone 119'-122'. | |
| | 130 | | |
| | 140 | Becoming brown, moist to wet, fine to medium sand 134'-144'. | |
| | 150 | Grading interbeds of brown, moist, gravelly, fine to coarse sand and sandy gravel with cobbles. Cobble zone 148'-150'. | |




























NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B3
 ELEVATION 555
 PAGE 3 OF 5

DRILLING LOG






























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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | 160 | As above. | |
| | 170 | Sandy, gravelly cobble zone 167'-171'. | |
| | 180 | | |
| | 190 | Cobble zones 190'-191' 194'-195' 197'-198'. | |
| | 200 | | |

NOTES:


| | | |
|---------------------------|----------------|--|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-B3</u> | ASSOCIATED EARTH SCIENCES, INC. |
| ELEVATION | <u>555</u> | ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS |
| PAGE <u>4</u> OF <u>5</u> | | • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | POORLY SORTED SAND |  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON |  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT |  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 210 | As above. Containing minor silt clast and silt/clay on gravels. | |
| | 220 | Becoming moist to wet 218'-220'. | |
| | 230 | Gravelly, cobble zone 227'-229'. Boulder 229'-232' | |
| | 240 | Brown, moist, cemented (?), sandy, cobbly gravels. (Hard drilling) Cobble zone 237'-238'. | |
| | 250 | TD @ 244' 4/4/91 Refusal | |

NOTES:

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|--------------------|----------------|---------------------|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-B3</u> | |
| ELEVATION | <u>555</u> | |
| PAGE | <u>5</u> | |
| OF | <u>5</u> | |


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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Initiated 4/8/91 | |
| | 10 | Brown, wet, sandy gravelly cobbles. Becoming dry with some silt content below 10'. | |
| | 20 | | |
| | 30 | | |
| | 40 | Brown, wet, gravelly, fine to coarse sand with scattered cobbles. Cobble zone at 38-40' | |
| | | Brown, moist, sandy, well sorted sand with scattered cobbles. | |
| | | Brown, moist, gravelly, fine to coarse sand with cobbles. | |
| | 50 | Containing less cobbles below 48'. | |

NOTES:










PROJECT NO. E93013A
 BORING NO. EB-B4W
 ELEVATION 545
 PAGE 1 OF 6

DRILLING LOG



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LEGEND

-  SANDY GRAVEL WITH COBBLES
-  SANDY GRAVEL
-  POORLY SORTED SAND
-  WELL SORTED SAND
-  DIAMICTON
-  SILT - CLAY
-  BEDROCK
-  PEAT
-  SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 110 | As above. | |
| | 120 | | |
| | 130 | Interbedded zones of brown, cemented, dry, silty, fine to coarse sand (hard drilling) and brown, moist, fine to coarse sand with varying gravel content. | |
| | 140 | | |
| | 150 | | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B4W
 ELEVATION 545
 PAGE 3 OF 6

DRILLING LOG



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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|------------------------------|
| | 160 | As above. Becoming brown-grey 156'-177'. Losing fines content between 152'-180' due to adding water. | Water added 152'- 180' |
| | 170 | Cobble zone 166'-170'. | |
| | 180 | | |
| | 190 | | |
| | 200 | | |

NOTES:

LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY


DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

| | | | | |
|--------------------|--|--|--|--|
| WATER LEVEL | | | | |
| DATE | | | | |
| TIME | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|---|
| | 210 | As above | Water added 205'-208' |
| | 220 | | |
| | 230 | Brown, dry, sandy, well sorted 1" gravels at 222'-224'. Limited sample return 224'-232'. | |
| | | Brown, wet, sandy, well sorted 3/4"-1" gravels with minor cobbles. |  Trace while drilling |
| | 240 | Brown, wet to saturated, unsorted, clayey, sandy silt. | |
| | | Brown, dry, silty, fine to coarse sand with minor cobbles and gravels. Becoming wet below 246' where water added. (Hard drilling) | Water added 246'-248' |
| | 250 | | |

NOTES:

PROJECT NO. E93013A
 BORING NO. EB-B4W
 ELEVATION 545
 PAGE 5 OF 6

DRILLING LOG



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| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|------------------------------|
| | — | Brown, dry becoming wet where water added, subangular medium to coarse sand | Water added 251'- 260' |
| | 260 | Brown, wet to saturated, unsorted, sandy silt. (Hard drilling) Losing some fines content due to adding water. | |
| | 270 | TD 260' 4/13/91 Refusal | |
| | 280 | | |
| | 290 | | |
| | 300 | | |

NOTES:

| | | |
|--------------------|----------------|---|
| PROJECT NO. | <u>E93013A</u> | DRILLING LOG |
| BORING NO. | <u>EB-B4W</u> | |
| ELEVATION | <u>545</u> | |
| PAGE 6 OF 6 | | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

| | | | | | | | | | | | | | | | | |
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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |




























| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | Initiated 2/7/91 | |
| | 10 | Brown, dry to moist, oxidized, gravelly, silty, fine to coarse sand with cobbles. | |
| | 20 | Cobbles with gravels 13'-22'. | |
| | 30 | Cobbles 24'-26'. | |
| | 40 | | |
| | 50 | Brown, moist, medium to coarse sand with scattered cobbles. | |

NOTES:

PROJECT NO. 9006-18E
BORING NO. EB-C1W
ELEVATION 520
PAGE 1 OF 6

DRILLING LOG

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|  | SANDY GRAVEL WITH COBBLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 60 | Brown, moist, slightly oxidized, silty to slightly silty, gravelly, fine to coarse sand with scattered cobbles. Cobble zone 52'-54'. | |
| | 70 | Becoming gravellier below 64' with silt/clay on gravels. Containing scattered lenses of silt. Cobble zone at 68'. | |
| | 80 | Brown, moist, gravelly, medium to coarse sand. Moist, sandy, cobbly gravels. | |
| | 90 | Brown, dry to moist, slightly oxidized, gravelly, silty to slightly silty, fine to coarse sand with cobbles. Gravelly cobbles 90'-94'. | |
| | 100 | Brown, dry becoming moist, gravelly, fine to medium sand with occasional cobbles. Slightly silty in areas. Silt/clay on gravels. | |

NOTES:

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|--------------------|-----------------|--|
| PROJECT NO. | <u>9006-18E</u> | DRILLING LOG |
| BORING NO. | <u>EB-C1W</u> | |
| ELEVATION | <u>520</u> | |
| PAGE 2 OF 6 | |  ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

WATER TABLE(S)

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | 110 | As above. | |
| | 120 | | |
| | 130 | | |
| | 140 | Brown, dry to moist, sandy, cobbly gravels. | |
| | 150 | Grading into cobbly, gravelly, fine to coarse sand. | |
| | | Grading into cobbly, sandy gravel. | |

NOTES:

PROJECT NO. 9006-18E
 BORING NO. EB-C1W
 ELEVATION 520
 PAGE 3 OF 6

DRILLING LOG



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LEGEND



SANDY GRAVEL WITH COBBLES



SANDY GRAVEL



POORLY SORTED SAND



WELL SORTED SAND



DIAMICTON



SILT - CLAY



PEAT



BEDROCK



SILTY

DRILLING METHOD :

Reverse air circulation

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Brown, dry, cobbly, sandy gravels. | |
| | 160 | Brown, moist, slightly silty, fine to medium sand. Containing scattered gravels and less silt with depth. Cobble zone 158'-159'. | |
| | 170 | | |
| | 180 | | |
| | 190 | | |
| | 200 | Increase gravel content 194'-195'. Cobbles and boulders 195'-197'. | |

NOTES:

PROJECT NO. 9006-18E
 BORING NO. EB-C1W
 ELEVATION 520
 PAGE 4 OF 6

DRILLING LOG



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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 210 | As above. Slightly silty 206'-208'. | |
| | 220 | Brown, dry, cemented (?), gravelly, fine to coarse sand with cobbles. Brown, dry, sandy, gravelly cobbles 220'-224' | |
| | 230 | Brown, dry, sandy, cobbly gravels with some boulders. Brown, moist, fine to medium sand with occasional gravels and silt lenses. | |
| | 240 | Brown, moist, cemented (?), silty, fine to coarse sand with well sorted gravels. Containing silt lenses. Sandy, gravelly cobbles and boulders 233'-235'. | |
| | 250 | Grading into brown, moist, silty, fine to medium sand with gravels. | |

NOTES:

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|---|-----------------|---|
| PROJECT NO. | <u>9006-18E</u> | DRILLING LOG |
| BORING NO. | <u>EB-C1W</u> | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |
| ELEVATION | <u>520</u> | |
| PAGE <u>5</u> OF <u>6</u> | | |

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|--|---|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
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| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|-----------------------------------|
| | 260 | As above. | ▽ |
| | 270 | Brown, moist, sandy, coarse silt with interbedded, fine sand lenses. | 259.3' 3/28/91 ▽ |
| | 280 | Becomes wet at 274'. Grading into silty, fine sand below 278'. Predominant amount of fines lost due to addition of water. | 266' While drilling 2/8/91 |
| | 290 | | Water added while drilling at 281 |
| | 300 | TD @ 291' 3/28/91 | |

NOTES:

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|---|-----------------|---|
| PROJECT NO. | <u>9006-18E</u> | DRILLING LOG |
| BORING NO. | <u>EB-C1W</u> | |
| ELEVATION | <u>520</u> | |
| PAGE <u>6</u> OF <u>6</u> | | ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701 |

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|---|---|--------------------|--|--|--|--|--|-------------|--|--|--|--|--|-------------|--|--|--|--|--|
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| DATE | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | | Initiated 2/6/91 | |
| | | Topsoil | |
| | 10 | Brown, dry, slightly oxidized, silty, gravelly fine to coarse sand w/ cobbles. Increase in cobble content below 8'-25' | |
| | 20 | | |
| | 30 | cobble zone 16-18' | |
| | 40 | | |
| | 50 | sample return 32-38', drill bit pushing cobbles. Little | |
| | 60 | | |
| | 70 | cobble zone 46-48' | |
| | 80 | | |

NOTES:

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|---|---|
| <p>PROJECT NO. <u>9006-18E</u></p> <p>BORING NO. <u>EB-C2</u></p> <p>ELEVATION <u>515</u></p> <p>PAGE <u>1</u> OF <u>3</u></p> | <p>DRILLING LOG</p> <p>AS ASSOCIATED EARTH SCIENCES, INC. ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS • KIRKLAND, WASHINGTON 98033 • 206-827-7701</p> |
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| DATE | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | |




























| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------------|---|----------------|
| | — — — | Gravelly cobbles and boulders 98-106 | |
| | 110 | Brown moist, fine to coarse sand w/ cobbles Grading into fine sand w/ depth | |
| | 120 | Brown, moist, fine to medium sand w/ occasional gravels. Containing silt/clay on on gravels. Grading into fine sand, containing clay clasts at 118? | |
| | 130 | TD 128 2/6/91 | |
| | 140 | | |
| | 150 | | |

NOTES:

PROJECT NO. 9006-18E
BORING NO. EB-C2
ELEVATION _____
PAGE 3 OF 3




























DRILLING LOG

AS ASSOCIATED EARTH SCIENCES, INC.
ECONOMIC GEOLOGISTS / ENGINEERING GEOLOGISTS
• KIRKLAND, WASHINGTON 98033 • 206-827-7701

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|---|---------------------|---|---------------------------|---|-------------------------|---|------------------|---|--------------------|---|----------------|---|-------------|---|--------------|---|--------------------|--|--|--|--|--|-------------|--|--|--|--|--|-------------|--|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <table style="width: 100%;"> <tr> <td style="width: 20px; text-align: center;"></td> <td>SANDY GRAVEL WITH COBBLES</td> </tr> <tr> <td style="text-align: center;"></td> <td>SANDY GRAVEL</td> </tr> <tr> <td style="text-align: center;"></td> <td>POORLY SORTED SAND</td> </tr> <tr> <td style="text-align: center;"></td> <td>WELL SORTED SAND</td> </tr> <tr> <td style="text-align: center;"></td> <td>DIAMICTON</td> </tr> <tr> <td style="text-align: center;"></td> <td>SILT - CLAY</td> </tr> <tr> <td style="text-align: center;"></td> <td>BEDROCK</td> </tr> <tr> <td style="width: 20px; text-align: center;"></td> <td>PEAT</td> </tr> <tr> <td style="width: 20px; text-align: center;"></td> <td>SILTY</td> </tr> </table> |  | SANDY GRAVEL WITH COBBLES |  | SANDY GRAVEL |  | POORLY SORTED SAND |  | WELL SORTED SAND |  | DIAMICTON |  | SILT - CLAY |  | BEDROCK |  | PEAT |  | SILTY | <p>DRILLING METHOD :</p> <p style="text-align: center;">Reverse air circulation</p> <hr/> <p>SAMPLING METHOD :</p> <p style="text-align: center;">Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">WATER LEVEL</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | | DATE | | | | | | TIME | | | | | |
|  | SANDY GRAVEL WITH COBBLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | Initiated 2/6/91 | |
| | 10 | Brown, moist, silty, gravelly, fine to coarse sand with cobbles. Containing silt/clay on gravels. | |
| | 20 | Brown, moist, sandy, cobbly gravels. Increase in sand content 18'-19'. | |
| | 30 | Brown, dry to moist, silty, gravelly, fine to coarse sand with cobbles. | |
| | 40 | Brown, moist, sandy, cobbly gravels. Cobble zone 38'-40'. | |
| | 50 | Cobble zone 48'-50'. | |

NOTES:


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|---|---------------------|---|---------------------------|---|-------------------------|---|------------------|---|--------------------|---|----------------|---|-------------|---|--------------|---|--------------------|--|--|--|--|--|-------------|--|--|--|--|--|-------------|--|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <table style="width: 100%;"> <tr> <td style="width: 20px; text-align: center;"></td> <td>SANDY GRAVEL WITH COBBLES</td> </tr> <tr> <td style="text-align: center;"></td> <td>SANDY GRAVEL</td> </tr> <tr> <td style="text-align: center;"></td> <td>POORLY SORTED SAND</td> </tr> <tr> <td style="text-align: center;"></td> <td>WELL SORTED SAND</td> </tr> <tr> <td style="text-align: center;"></td> <td>DIAMICTON</td> </tr> <tr> <td style="text-align: center;"></td> <td>SILT - CLAY</td> </tr> <tr> <td style="text-align: center;"></td> <td>BEDROCK</td> </tr> <tr> <td style="width: 20px; text-align: center;"></td> <td>PEAT</td> </tr> <tr> <td style="width: 20px; text-align: center;"></td> <td>SILTY</td> </tr> </table> |  | SANDY GRAVEL WITH COBBLES |  | SANDY GRAVEL |  | POORLY SORTED SAND |  | WELL SORTED SAND |  | DIAMICTON |  | SILT - CLAY |  | BEDROCK |  | PEAT |  | SILTY | <p>DRILLING METHOD :</p> <p style="text-align: center;">Reverse air circulation</p> <hr/> <p>SAMPLING METHOD :</p> <p style="text-align: center;">Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">WATER LEVEL</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | | DATE | | | | | | TIME | | | | | |
|  | SANDY GRAVEL WITH COBBLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SANDY GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | POORLY SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | WELL SORTED SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | DIAMICTON | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILT - CLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | BEDROCK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | PEAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | SILTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|---|----------------|
| | | As above. Boulder 101'-102'. | |
| | | Brown, dry, cemented (?), sandy gravels. (Hard drilling) | |
| | 110 | Brown, moist, fine to medium sand with scattered gravels. Containing less gravels with depth. Silt/clay on gravels. | |
| | 120 | Becoming slightly silty 120'-130'. | |
| | 130 | | |
| | 140 | Brown, moist, slightly silty, fine sand. Becoming very silty 135'-137'. | |
| | 150 | TD @ 140' 2/7/91 | |










NOTES:

PROJECT NO. 9006-18E
BORING NO. EB-C3
ELEVATION 545
PAGE 3 OF 3

DRILLING LOG

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LEGEND

-  **COBBLES AND GRAVEL**
-  **SANDY GRAVEL**
-  **GRAVELLY SAND**
-  **SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**




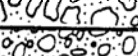


DRILLING METHOD :

Air Rotary

SAMPLING METHOD :

Continuous


| | | | |
|--------------------|---------|--|----------|
| WATER LEVEL | 161.0 | | 161.0 |
| DATE | 11-1-85 | | 10-29-85 |
| TIME | 12:45pm | | 10:25 am |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|----------------------------------|----------------|
|  | | Topsoil | |
|  | 5 | Grey, GRAVEL with Cobbles --Qvdg | |
|  | 10 | Grey, brown sandy GRAVEL --Qvdg | |
|  | 15 | With COBBLES | |
|  | 20 | Brown, sandy GRAVEL --Qvdg | |
|  | 25 | | |










NOTES:

PROJECT NO. 8412-08
 BORING NO. SS&G#1
 ELEVATION 505'
 PAGE 1 OF 15

DRILLING LOG

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LEGEND

-  **COBBLES AND GRAVEL**
-  **SANDY GRAVEL**
-  **GRAVELLY SAND**
-  **SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Air Rotary

SAMPLING METHOD :




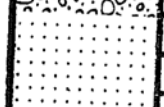


Continuous

WATER LEVEL

DATE

TIME


| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|---|----------------|
|  | | As Above with Cobbles | |
|  | 30 | Brown, slightly silty, GRAVEL --Qvdg | |
|  | 35 | Brown, sandy GRAVEL interbedded with brown, medium SAND--Qvdg | |
|  | 40 | | |
|  | 45 | | |
|  | 50 | With COBBLES | |

NOTES:

PROJECT NO. B412-06
 BORING NO. SS&G#1
 ELEVATION 505'
 PAGE 2 OF 15

DRILLING LOG

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LEGEND

COBBLES AND GRAVEL

SANDY GRAVEL

GRAVELLY SAND

SAND

DIAMICTON

SILT - CLAY



PEAT

BEDROCK



SILTY

DRILLING METHOD :

Air Rotary

SAMPLING METHOD :

Continuous

WATER LEVEL

DATE

TIME

DEPTH

DESCRIPTION

**WATER
TABLE(S)**

As Above

55

Brown, gravelly SAND--Qvdg

60

Brown, medium-coarse, sandy GRAVEL--Qvdg

65

70

With COBBLES

75

**WATER
TABLE(S)**

PROJECT NO. 8412-08

NO. SS&G#1

LOCATION 505'

3 OF 18










DRILLING LOG



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C.
ITS
'01

LEGEND

-  **COBBLES AND GRAVEL**
-  **SANDY GRAVEL**
-  **GRAVELLY SAND**
-  **SAND**
-  **DIAMICTON**
-  **SILT - CLAY**
-  **BEDROCK**
-  **PEAT**
-  **SILTY**

DRILLING METHOD :

Air Rotary


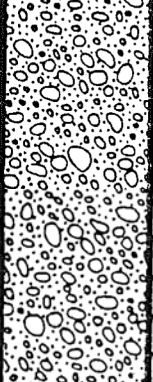




SAMPLING METHOD :

Continuous

WATER LEVEL

DATE


TIME

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|---|-------|--|----------------|
|  | | As Above | |
|  | 105 | Brown, medium to coarse, sandy GRAVEL --Qvdg | |
|  | 110 | | |
|  | 115 | With COBBLES | |
|  | 120 | | |
|  | 125 | Brown, slightly sandy GRAVEL --Qvdg | |

NOTES:

PROJECT NO. B 412-06
 BORING NO. SS&G#1
 ELEVATION 505'
 PAGE 5 OF 15

DRILLING LOG

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| | | | | | | | | | | | | | | | | |
|---|--|--------------------|--|--|--|--|-------------|--|--|--|--|-------------|--|--|--|--|
| <p style="text-align: center;">LEGEND</p> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> COBBLES AND GRAVEL</div> <div style="display: flex; align-items: center;"> SANDY GRAVEL</div> <div style="display: flex; align-items: center;"> GRAVELLY SAND</div> <div style="display: flex; align-items: center;"> SAND</div> <div style="display: flex; align-items: center;"> DIAMICTON</div> <div style="display: flex; align-items: center;"> SILT - CLAY</div> <div style="display: flex; align-items: center;"> BEDROCK</div> <div style="display: flex; align-items: center; margin-left: 100px;"> PEAT</div> <div style="display: flex; align-items: center; margin-left: 100px;"> SILTY</div> </div> | <p>DRILLING METHOD : Air Rotary</p> <hr/> <p>SAMPLING METHOD : Continuous</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">WATER LEVEL</td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td>DATE</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TIME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | WATER LEVEL | | | | | DATE | | | | | TIME | | | | |
| WATER LEVEL | | | | | | | | | | | | | | | | |
| DATE | | | | | | | | | | | | | | | | |
| TIME | | | | | | | | | | | | | | | | |

| STRATA | DEPTH | DESCRIPTION | WATER TABLE(S) |
|--------|-------|--|----------------|
| | 130 | As Above Brown, medium to coarse sandy GRAVEL--Qvdg | |
| | 135 | | |
| | 140 | | |
| | 145 | | |
| | 150 | Brown, gravelly SAND --Qvdg | |

NOTES:

PROJECT NO. 8412-06
BORING NO. SS&G#1
ELEVATION 505'
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DRILLING LOG



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