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CRITICAL AREAS SITE RECONNAISSANCE STUDY

SNR COMPANY (FEBRUARY 2, 2017)

Site Planning
Civil Engineering
Project Management
Land Development Consulting

June 6, 2016

Project Number: 05-016-010

BRC, Inc.
Attention: Ron and Ronda Shear
PO BOX 1373
Enumclaw, WA 98022

RE: Preliminary Critical Areas site reconnaissance studies for the proposed BRC Enumclaw site, located in unincorporated King County, WA
Three undeveloped parcels, approximately 102.86 combined acres in size
38XXX Enumclaw Franklin Road SE, Enumclaw, WA 98022
King County Parcel Numbers: 3621069014, 3621069013, and 3621069004

Dear Ron and Ronda:

Thank you for asking SNR to conduct preliminary critical areas studies on three parcels BRC is considering purchasing in unincorporated King County, Enumclaw, Washington (subject property). The site is located on the eastern plateau of the Snoqualmie River Valley, Washington area as referenced above (Figure 1 – Site Location Map). To conduct the studies and prepare this report summarizing the studies and findings, SNR has conducted research, a site visit, and an interview of Ron Shear.

Figure 1 - Site Location Map

BRC, Incorporated is currently operating a recycling facility on a property located in unincorporated King County, at 28225 West Valley Hwy N, Auburn, WA 98001. The subject property is farmland owned by Jeffery Spenser, a local farmer and has been farmed since the late 19th century.

However, it is apparent that King County does not want the BRC operation to be located on the Spenser property or anywhere else in the Auburn area. This and other legal interference has led to BRC looking for vacant land to move the recycling/mulching operations to a more remote location in a rural area.

BRC is considering purchasing three parcels in the Enumclaw area to move the facility operations to (Figure 2 – Site Map). These parcels (subject property) are undeveloped and are located in an area zone RA-5 with a potential zoning classification of "M" (mineral). This classification is compatible with the proposed materials recycling and the production of mulch and soils/soil augmentation products from vegetation and other clean recyclable materials (such as stumps, logs, and other land clearing materials).

As can be seen on Figure 2, the subject property is comprised of three parcels that are bounded and bisected by roads which creates a somewhat irregular trapezoidal shape. It is bounded to the north by RA-5 parcels, to the west by RA – 10 parcels (and to the north and west by the Bass Lake Complex natural area), to the south by RA – 2.5 zone parcels and to the East by RA – 10 parcels (Figure 3 – Zoning Map).

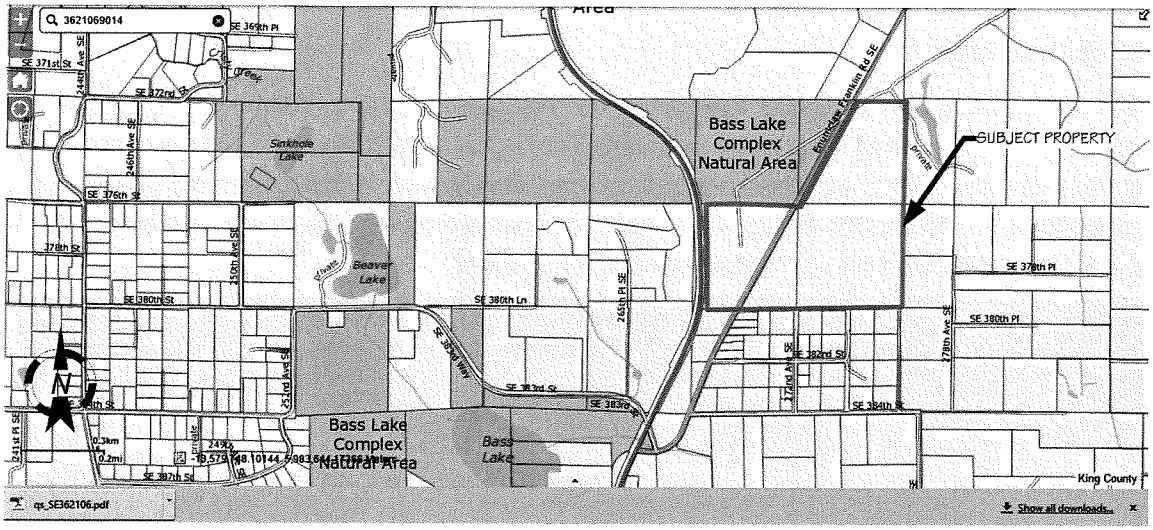

Figure 2 - Site Map

The only known easements on the subject property are in the southwestern parcel for the King County Road, Enumclaw Franklin Road SE, which crosses this parcel diagonally. The subject property is located in the southeastern portion of the NEQ of Section 36 in Township 21N, Range 6E. The GIS coordinates for the southwestern corner of the subject property are LAT 47.259894° and LON -121.985645°, at an approximate elevation of 702 feet above mean sea level (Figure 4 – Site Air Photograph, April 2015).

The subject property is almost completely forested with what is generally interpreted as third growth forest with a remarkably well established understory of diverse dominantly upland vegetation and has a moderately dense tree canopy that is moderately diverse, and most dense in the southwestern portion of the subject property, most likely due to recovery after much earlier clear cut tree harvesting activities, which, based on historic air photographs were last conducted sometime before July 1998 (relatively near this time, because the area had not recovered at all in the July 1998 air photograph and was just beginning to recover by July 2003 as shown in Figure 5).

The area to the east was clear cut tree harvested sometime between April 2002 and July 2003, which is why there are no significant numbers of large trees in this area. However, this is a relatively dense understory already established in this eastern portion of the subject property.

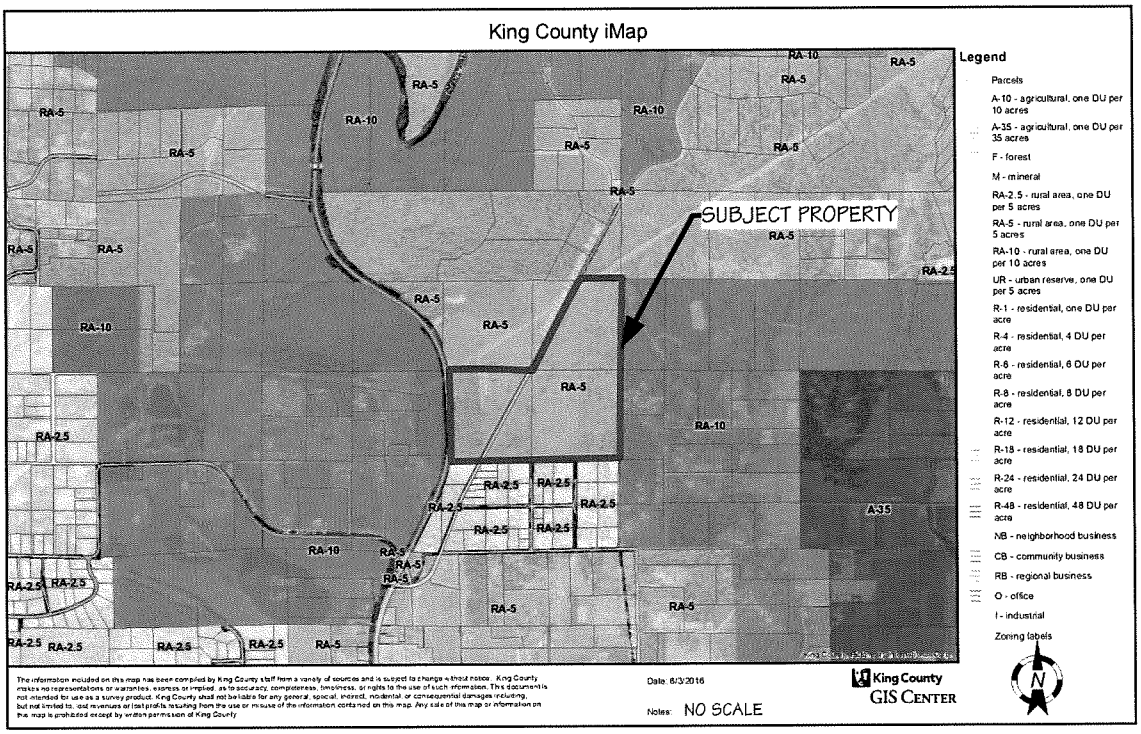

Figure 3 - Zoning Map from King County iMAP, 2016

The subject property is located in the south quarter of Section 2, Township 21 North, and Range 5 East; the northwest property corner is located at latitude 47.343518° and longitude -122.144743°, at an approximate elevation of 455 feet above mean sea level (ASL).

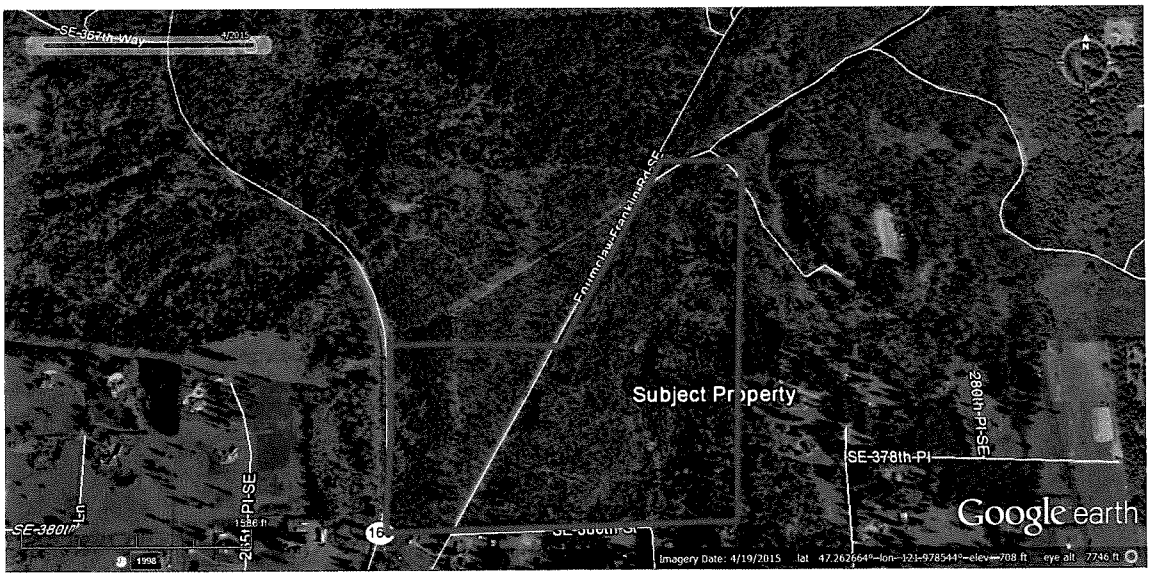

Figure 4 - Site on April 2015 Google Earth Air Photograph, 2016

Figure 5 - July 1998 Air Photograph from Google Earth, 2016

It should be noted that NO historic map (including King County iMAP) or current USGS topographic map suggests that wetland areas are present on the subject property, including the 1874 Land Office Map (Figure 6) and the 1913 USGS topographic map of the Cedar Lake Quadrangle (Figure 7) Even the United States Fish and Wildlife Service (USFWS) Wetland Inventory Map does not suggest any wetland areas or streams are present on the subject property (Figure 8).

As previously stated, even the King County Sensitive Areas map does not suggest that wetlands (or streams) are present on the subject property (Figure 9). The King County iMAP does suggest that potential erosion and coal mine hazards may exist on the eastern sloped areas of the subject property (Figure 10).

It should be noted that none of the historic air photographs (Figures 11 – 18) or maps (Figures 19 – 22) suggest any mines, wetlands, streams or other critical areas are located on the subject property as of 2016 now that the site has been completely revegetated after historic clear cut tree harvesting activities. The geologic map (Figure 23) of the area does show historic coal mine locations in the area, but does not suggest any mines are located on the subject property. It should also be noted that LiDAR imagery (Figure 24) from the King County LiDAR "Swipe Viewer" does not suggest any mining tailings or potential open pit or mine shafts are located on the subject property and field reconnaissance activities did not reveal the presence of any mines, although there was at least one small potential exploratory hole excavated in the eastern portion of the subject property (Figure 25).

None of SNR's research or observations made during the May 22, 2016 (including test pit observations excavated with a mini-trackhoe) site reconnaissance suggested that any critical areas are present on the subject property. There is no evidence that the subject property has been used for anything other than forest land based on the historic maps and air photographs and there was no evidence of any significant site disturbances other than those associated with clear cut tree harvesting activities.

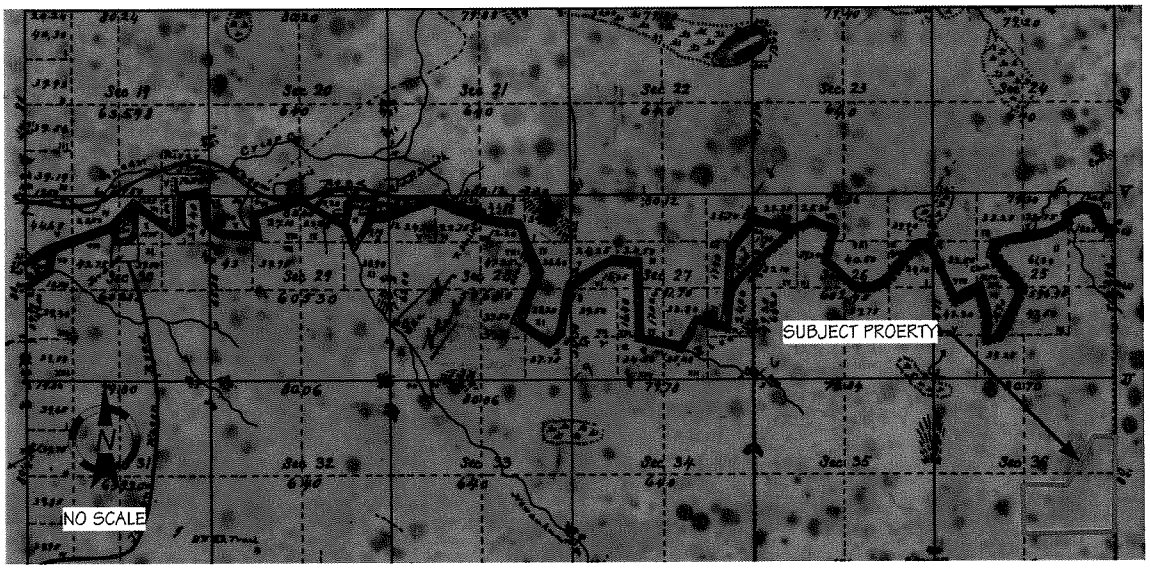

Figure 6 - From the 1874 Land Office Map T21N R6E (Sec 36)

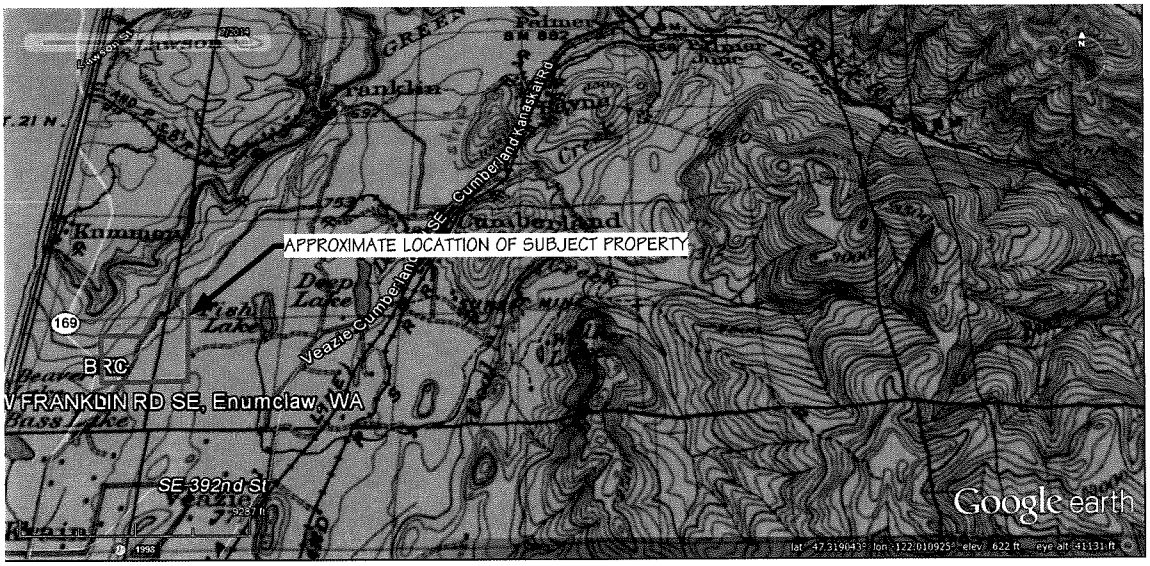

Figure 7 - From the 1913 USGS Topographic Map of the Cedar Lake Quadrangle

None of the historic maps, including the USGS topographic maps that will typically show known mines suggest that wetlands, streams, or mines are located on the subject property. There is no suggestion of alluvial fans being created due to slope erosion, nor is there any suggestion of landslide activity. There are small, possibly kettle, ponds and lakes present in the vicinity of the subject property but none are close enough to the subject property to influence the subject property with potential aquatic areas buffers.

The USFWS Wetland Inventory map (Figure 8) does not suggest any wetlands are present on the subject property, nor does it suggest that any wetlands are located in the immediate vicinity of the subject property.

The map does suggest that there is a small manmade pond located to the east of the northeastern portion of the subject property. This pond may be associated with the Kummer No 0 Mine (suggested to be an open pit mine) that the geologic map suggests is located to the east of the northeastern portion of the subject property.

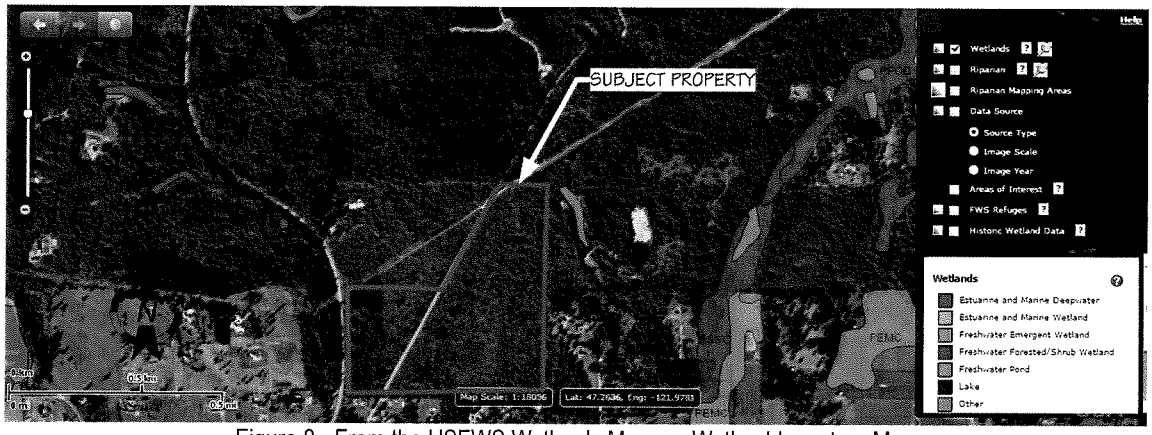

Figure 8 - From the USFWS Wetlands Mapper, Wetland Inventory Map

Regardless, there are no wetland areas shown to be present on the subject property for a reason, because wetland hydrology is not present. Although King County suggests that the manmade pond to the east of the subject property is a wetland, it is clear that this is a manmade feature that did not exist in the historic maps and is not shown to be a wetland on the Wetland Inventory Map (most likely because it is manmade). It is also clear that there were no natural ponds or wetlands located in this area since 1874 (the Land Office Map – Figure 6).

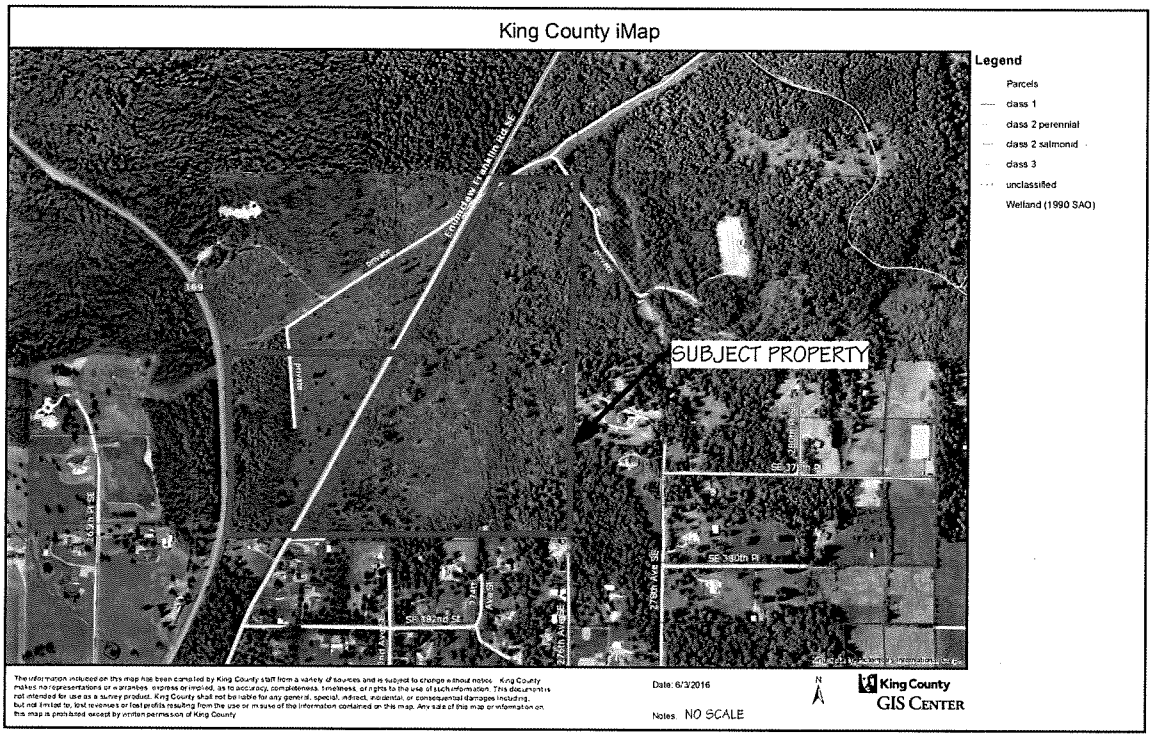

Figure 9 - King County Sensitive Areas Map with Wetland and Stream Layers turned on, from King County iMAP, 2016

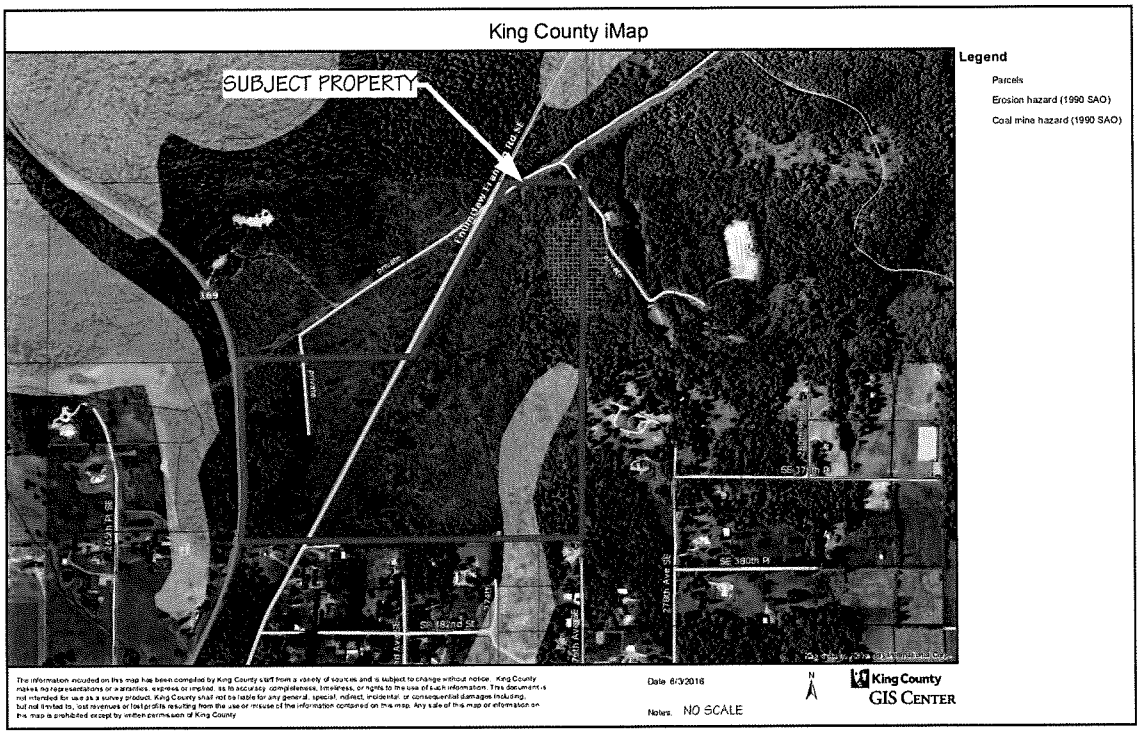

Figure 10 – King County Sensitive Areas Map with Coal Mine Hazards and Erosion Hazards Layers turned on, King County iMAP, 2016

The King County Sensitive Areas map with coal mine and erosion hazards layers turned on suggest potential coal mine hazards are present in the northeastern corner of the subject property and that potential erosion hazards exist in the southeastern portion of the subject property.

None of the USGS topographic maps suggest a coal mine is present anywhere on the subject property, but the geologic map, presented later in this section suggests that there is a potential open pit mine located to the east of the northeastern portion of the subject property (Kummer No 0 Mine). The geologic map also suggests that a tunnel mine may pass through the subject property (Kummer No 4?) which is questionable and is based on insufficient information and is purposely dashed and includes question marks because there is no supporting information that this mine extends into this area.

Slope erosion hazards are actually based on agricultural land studies where the land has been disturbed by plowing. In reality, erosion hazards, especially on bedrock materials that are heavily vegetated with understory shrubs and herbs and a moderate, recovering tree canopy rarely present erosion hazards unless these areas have been heavily disturbed by human activities.

There is no evidence on any map, air photograph, LiDAR imagery, or in the field that any slope erosion potential exists anywhere on the subject property and the deposits in the areas with the steeper slopes are well indurated bedrock deposits that are very old and have been uplifted into this area due to the unique structural geology of the area. These materials are not subject to rapid erosion and stand out geomorphologically because they are resistant to erosion.

Even if development activities were conducted in these areas, and the vegetation were cleared, it is very unlikely that these relatively minor slopes would be subject to much erosion. However, any disturbance of the ground surface that is an acre or more in size (combined for the entire project) requires a general construction NPDES permit which requires erosion and sediment controls be used and that runoff from these areas be monitored until the site is completely stabilized as it is now.

There are no current erosion hazards present on the subject property and the only known mine that exists in this are (Kummer No 0), which is believed to be an open pit mine is shown to be located east of the northeastern portion of the subject property and is NOT located anywhere on or in the immediate vicinity of the subject property.

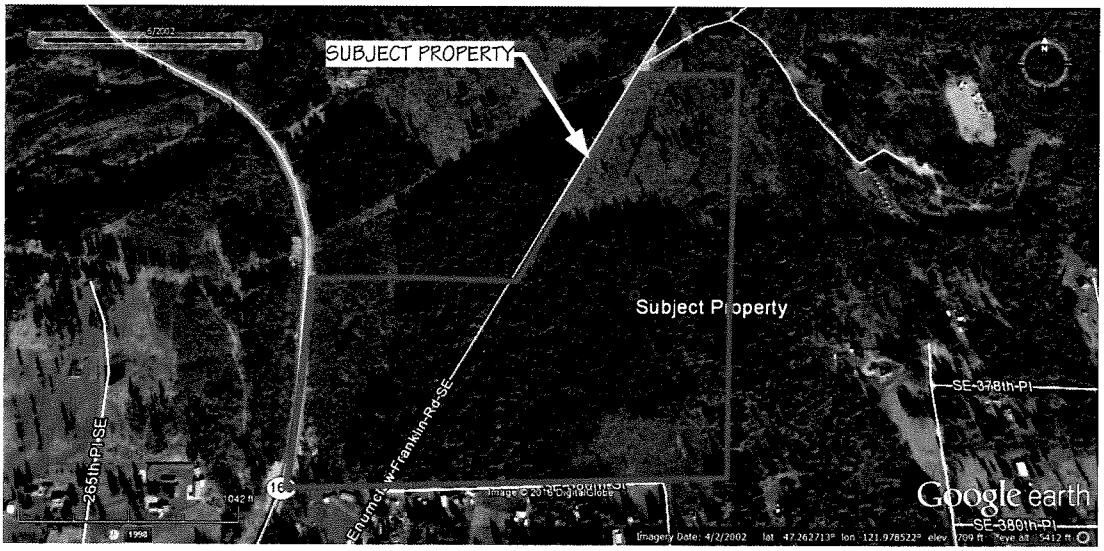

Figure 11 - June 2002 Air Photograph from Google Earth, 2016

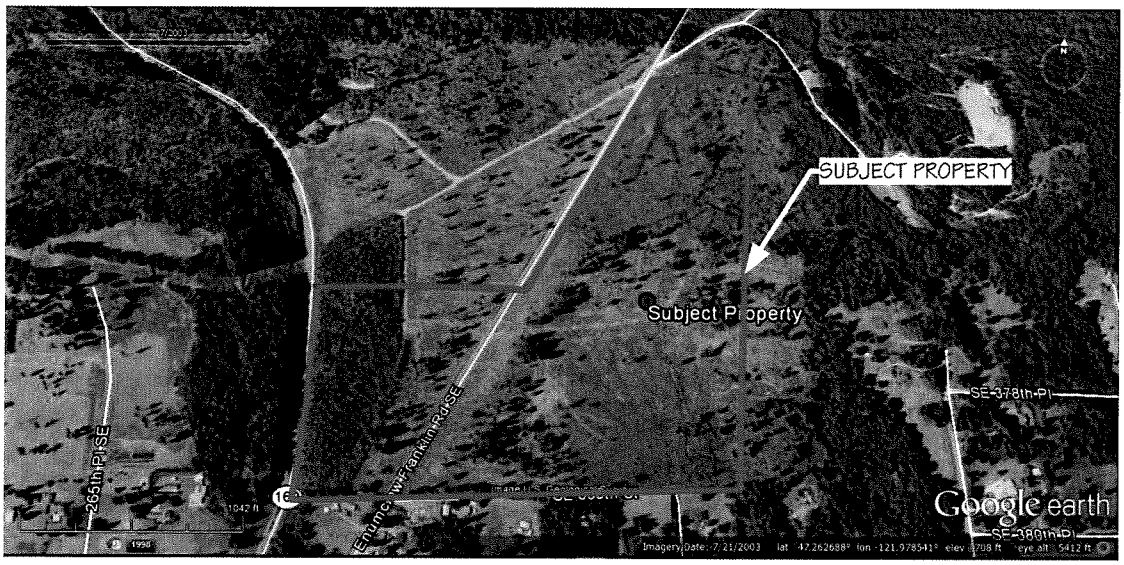

Figure 12 - July 2003 Air Photograph from Google Earth, 2016

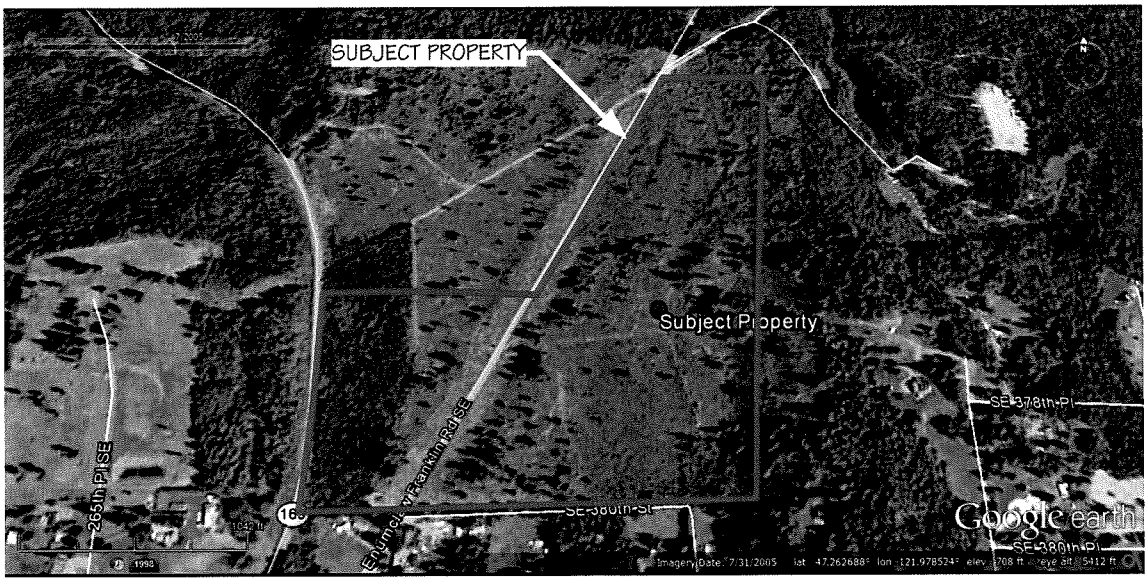

Figure 13 - July 2005 Air Photograph from Google Earth, 2016

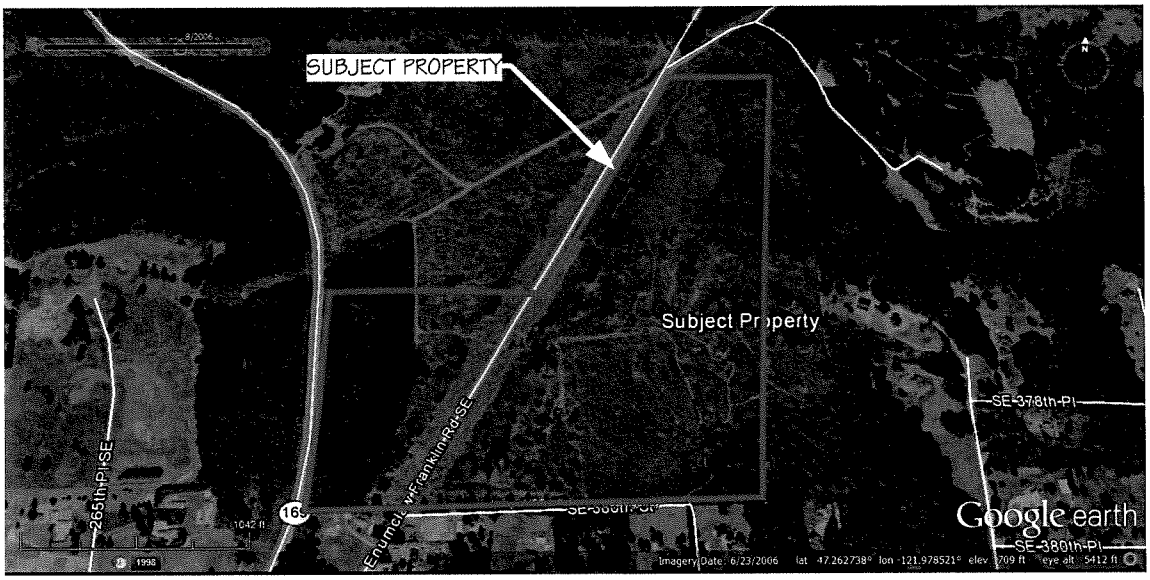

Figure 14 - August 2006 Air Photograph from Google Earth, 2016

As can be seen in the historic air photographs the subject property and vicinity was subject to clear cut tree harvesting activities at different times in different areas, with the western portion of the subject property being clear cut before the eastern portion of the subject property was clear cut.

This is why the western portion of the subject property appears to have a much more developed forest than the eastern portion and has nothing to do with hydrology or soils. However, the clear cut tree harvesting activities did include the removal of all understory, which made the ground surface visible between the different tree harvesting events. This makes it easier to observe the actual ground surface and to see any potential significant ground disturbances (including logging roads) and any potential wetland areas.

It is clear that there are no critical areas observable in any air photograph and none of the historic maps, or other maps, including LiDAR imagery suggests that any critical areas are present on the subject property, which was field verified during the site reconnaissance activities.

Figure 15 - May 2009 Air Photograph from Google Earth, 2016

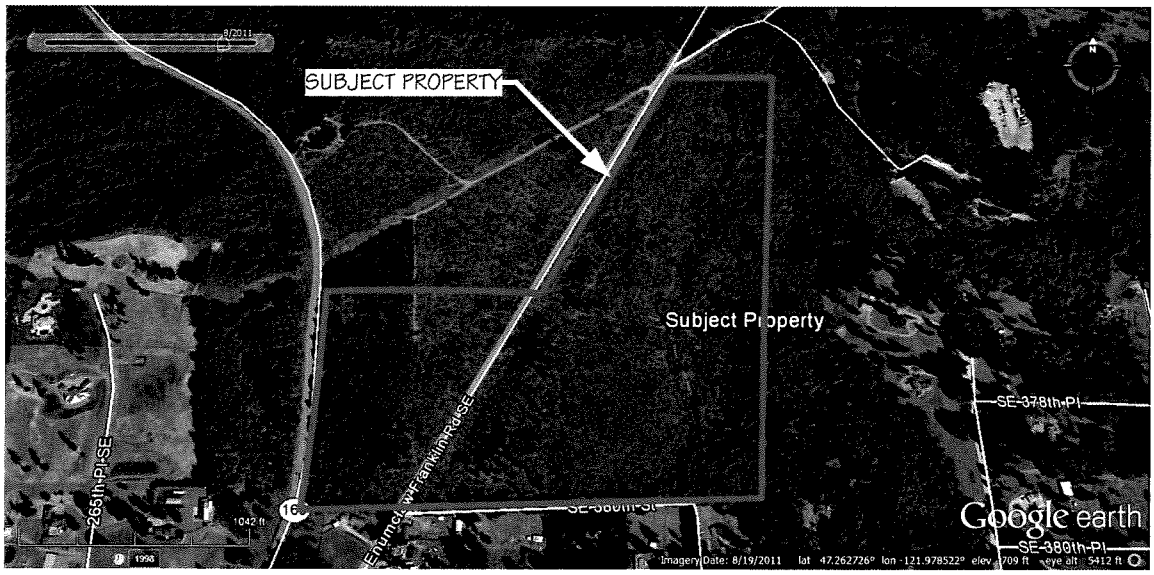

Figure 16 - August 2011 Air Photograph from Google Earth, 2016

It should be noted that the air photographs can be deceiving regarding the vegetation. The most recently harvested area appears to be less vegetated than it really is on the ground. The site reconnaissance activities clearly indicate that the majority of the subject property is well vegetated, although the tree canopy in the eastern portion of the subject property is still relatively sparse and the trees are obviously relatively young.

As would be expected the dominant trees in the eastern portion of the subject property are deciduous, although there are quite a few young conifers present in this area, with the Douglas fir being one of the most common, although Western Hemlock and even some Western red cedar "saplings" were observed in the eastern portion of the subject property as were some larger "nurse" trees.

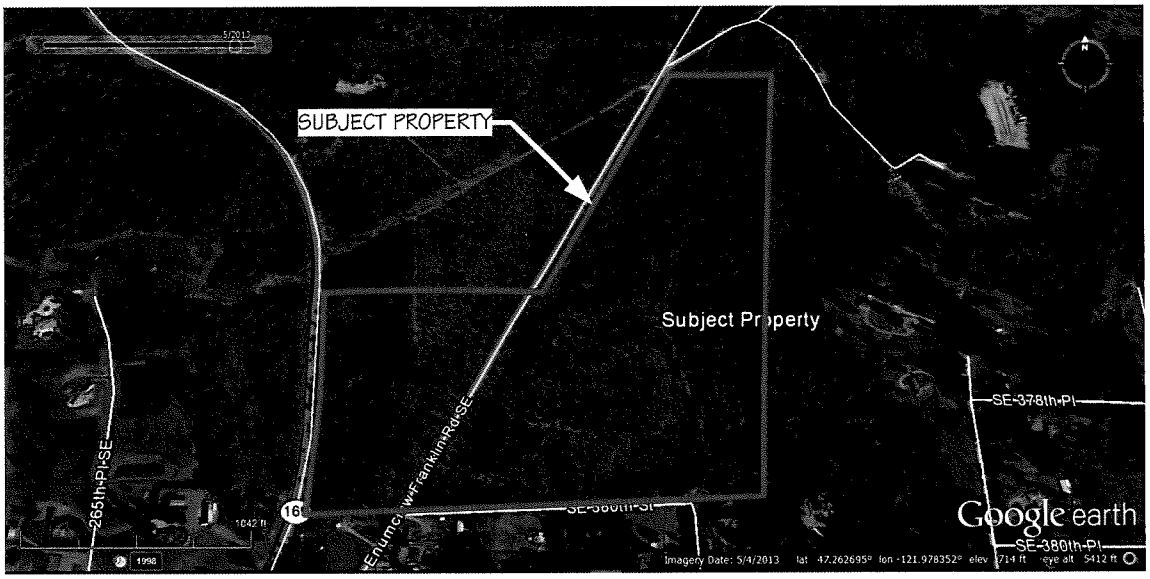

Figure 17 - May 2013 Air Photograph from Google Earth, 2016

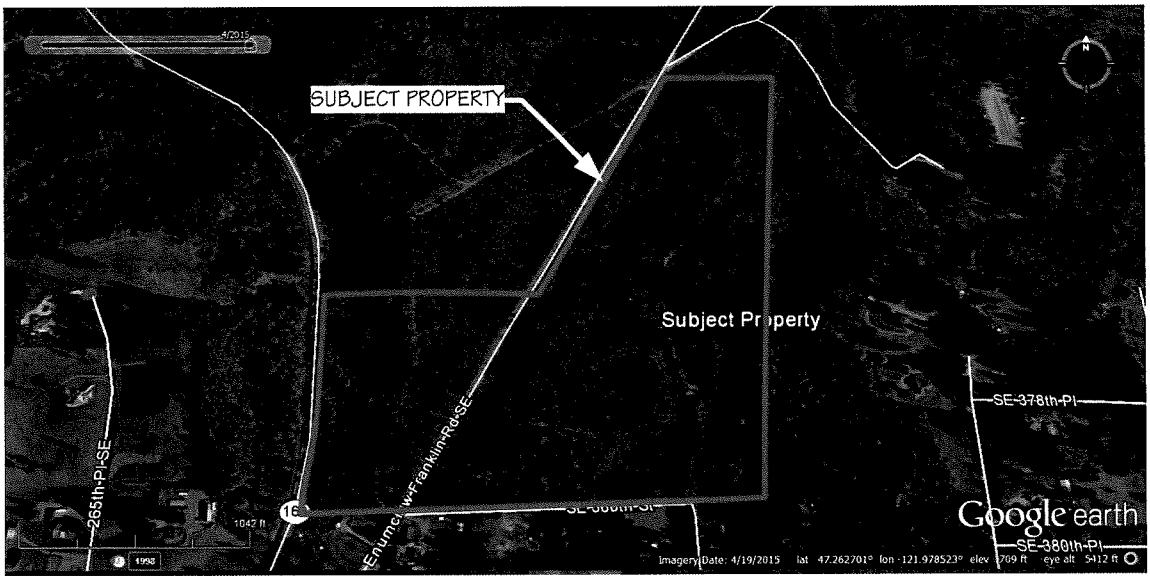

Figure 18 - April 2015 Air Photograph from Google Earth, 2016

There are not many 1:24.000 USGS topographic maps for this area of Washington, however, the few that exist are all presented in this report. It is more difficult to locate the subject property accurately on the older maps because some of the modern day landmarks are not present and the maps had to be located relative to what landmarks exist and per the property's location on the PLSS maps.

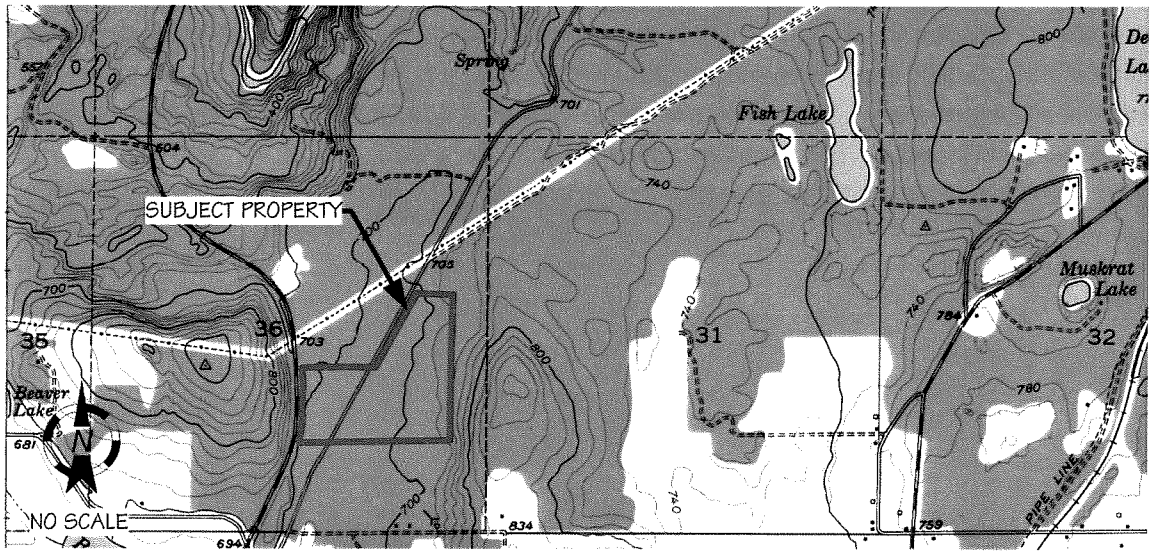

Figure 19 - From the 1953 USGS Topographic Map of the Cumberland Quadrangle

Figure 20 - From the 1993 USGS Topographic Map of the Cumberland Quadrangle

Interestingly, the USGS topographic maps do not show the actual mines (or suspected mine) in this area that are shown on the USGS geologic map, however, the geologic map that SNR used for this report was specifically prepared to show actual and suspected locations of coal mines in the Cumberland, Hobart, and Maple Valley quadrangles.

This geologic map also includes much more details on the structural geology of the area, which is essential since virtually all coal deposits are found in much older "Tertiary" deposits that have undergone some form of low grade metamorphism. These deposits are typically only found in areas where there are significant structural controls from faulting and folding and almost always suggest that there is en echelon faulting in the area.

However, the subject property is located in a relict glacial meltwater drainageway, which may be associated with normal faulting resulting in the creation of Horst and Graben geomorphology. Oddly, the geologic map suggests that the deposits on the subject property are glacial till deposits, however, the test pit observations made during the site reconnaissance suggest that the deposits are recessional outwash deposits or are associated with the Osceola mudflow deposits.

The Osceola mudflow deposits were historically misinterpreted to be glacial till deposits until the early 1990s when it was discovered that the Mount Rainier edifice was missing a large segment and studies were conducted to determine if there was an associated lahar event. This led to the discovery of one of the world's largest lahar flows, the Osceola mudflow, which blanketed much of the Enumclaw area.

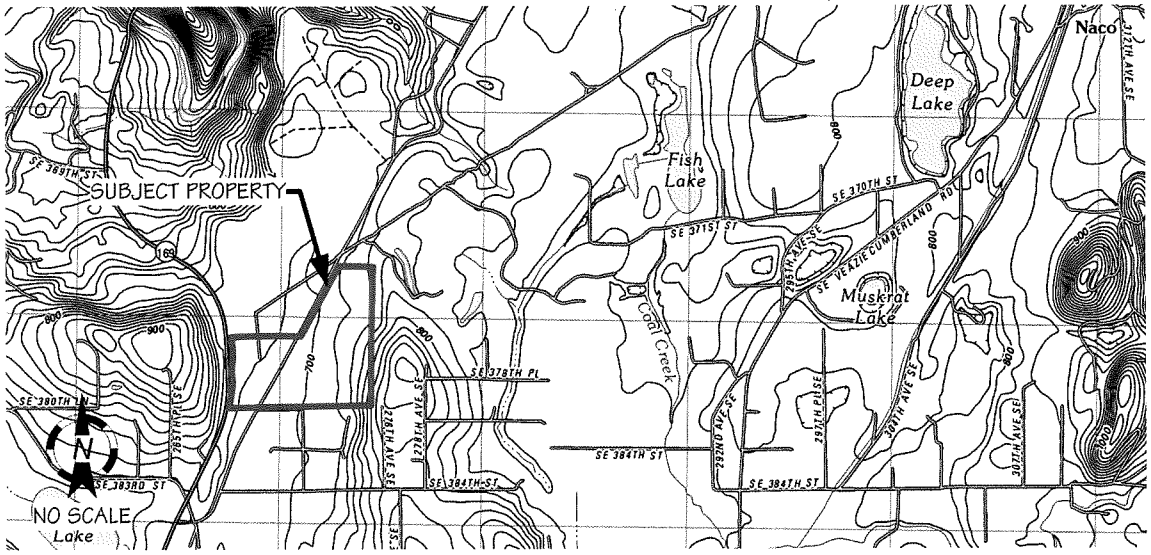

Figure 21 - From the 2011 USGS Topographic Map of the Cumberland Quadrangle

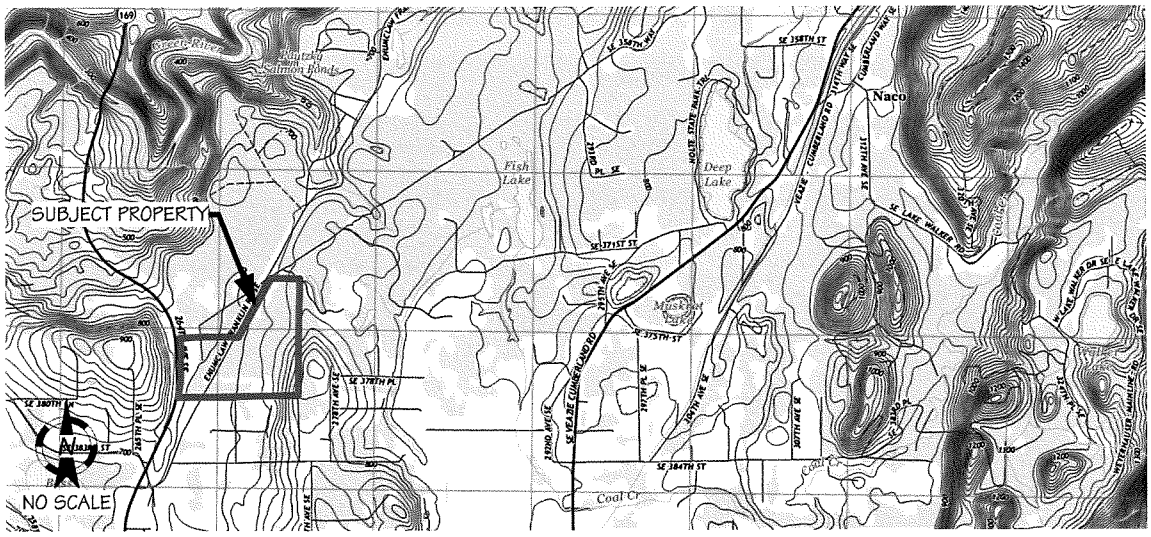

Figure 22 - From the 2014 USGS Topographic Map of the Cumberland Quadrangle

The geologic map of the area (Figure 23) was prepared before the discovery of the Osceola mudflow and this is most likely why it suggests the glacial till (Qt) blankets the area where the subject property is located. However, this is inconsistent with the geomorphology of the area, especially when this area is located very close to the Green River which was one of the more significant "pathways" followed by this enormous lahar event.

There is evidence of the lahar deposits in the well logs for this area and it is very likely that more recent, smaller Mount Rainier lahar flows blanket the Osceola mudflow deposits in many areas located in the proximity of the rivers that originate in the Cascade Range. These more recent lahar flows are often seen as relatively clean, well sorted fine sands and in many cases these materials were deposited by outburst flooding when dammed rivers finally caused the lahar flow created dams to fail.

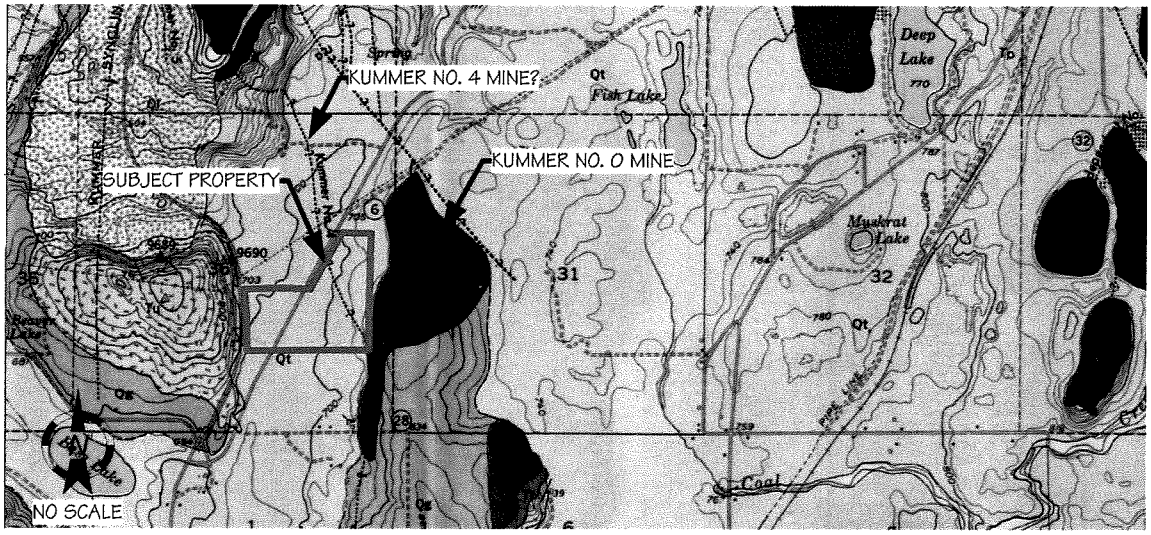

Figure 23 – From Geology and coal resources of the Cumberland, Hobart, and Maple Valley quadrangles, King County, Washington, 1969, Vine, J.D., US Geological Survey

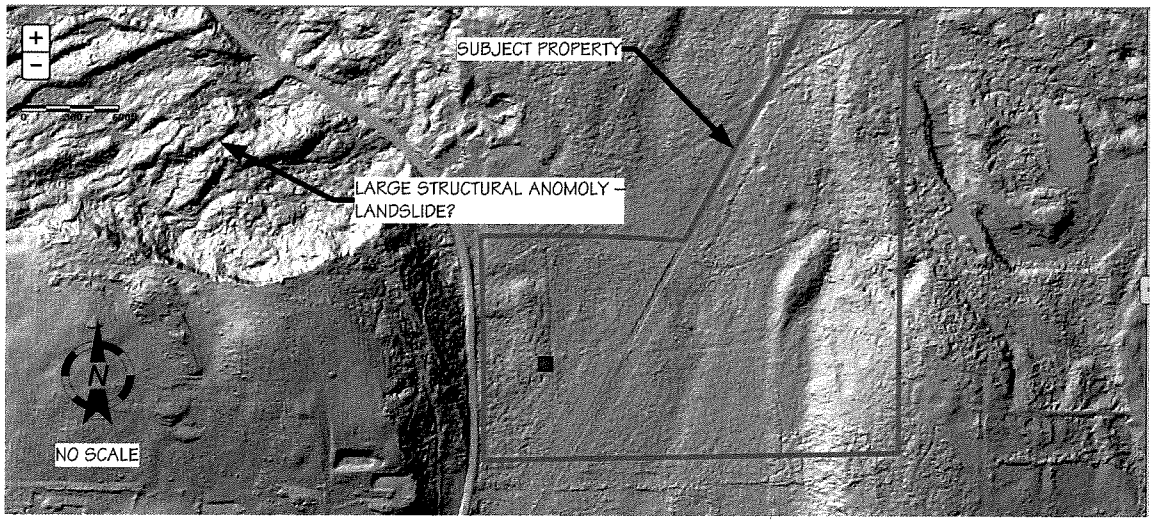

Figure 24 - LiDAR image of Subject Property and Vicinity from King County "Swipe LiDAR Viewer", 2016

Although the site reconnaissance activities were not exhaustive and due to the relatively dense vegetation on the subject property and it's relatively large size. This is why topographic and other maps as well as LiDAR imagery were used in the field to focus on areas of interest, including some minor geomorphological anomalies suggested to be present in the LiDAR imagery (Figure 25).

This led to an area where some minor exploratory test pit excavations had been made and a somewhat unusual mound around a historic tree stump (Figure 26) associated with a relatively small anomaly (which appeared to be a small, round depressional area), located north of a much larger structural anomaly, that appears to be fault induced.

Figure 25 - Exploratory Excavation into Bedrock Material

It is unclear why the small exploratory test pits observed during the site reconnaissance were conducted for, but the materials observed in the test pit were interpreted to be older, "bedrock" deposits that were moderately metamorphosed. These were covered with very gravelly, poorly sorted materials that could be associated with historic lahar deposits based on the elevation of these test pits, however, it is also possible that this is a thin veneer of recessional outwash deposits.

The round anomaly could not be interpreted because there was insufficient time and lack of equipment to conduct some exploratory test pits. It is clear that a moderately sized tree was located in the center of this anomaly, but what is somewhat puzzling is the presence of what appears to be bedrock materials that had been crushed and placed around this anomaly and on an access road to this area. It is possible that this area was used as a landing area during the more recent clear cut tree harvesting activities in the eastern portion of the subject property. The larger anomaly located south of this round anomaly was not studied due to lack of time and equipment, however, it appears that part of the hillslope has been separated due to possible folding and faulting in this structurally complex area.

Figure 26 - Photograph of small, round anomaly observed on LiDAR imagery

There was no evidence of mining tailings or of coal anywhere where the site reconnaissance activities were conducted. There was also, obviously no evidence of mine shaft openings, ventilation shafts or other evidence of subsurface (or surface) mining on the subject property. All of the slopes were well vegetated and there were no rills or other features that suggested any erosion was occurring on this well vegetated site. Additionally, the materials that are on these slopes are not conducive to erosion, especially with the amount of vegetative cover on the entire property.

SNR's site reconnaissance studies covered as much of the property as possible in one day and SNR did observe one test pit in the oldest forested portion of the subject property in an area that was well vegetated with third growth forest vegetation. This included the area located west of Enumclaw Franklin Road Southeast, in an area where a stand of young cottonwood were observed to be present, however, the dominant ground cover was forest upland plants, with significant coverage by trailing blackberry (*Rubus ursinus*) – FACU. The transects and test pit(s) locations are shown on Figure 27 and a photograph of the test pit excavated as Test Pit 1 is shown as Figure 28.

The soils in this area are formed in gravelly, cobbly, silty, moderately sorted medium to coarse sands that were well drained. This is located at one of the lowest elevations on the subject property.

Field observations along transects selected in the field indicated that this recovering forest has moderate to high plate diversity, especially in the understory (shrubs and herbs). The tree canopy is less diverse at this time with most trees being less than 15 years old and is mostly dominated by deciduous trees, although there is a significant amount of young conifers present. There were no wetland areas observed in this area or anywhere else on the site, nor were any other critical areas observed, including potential geologic hazards.

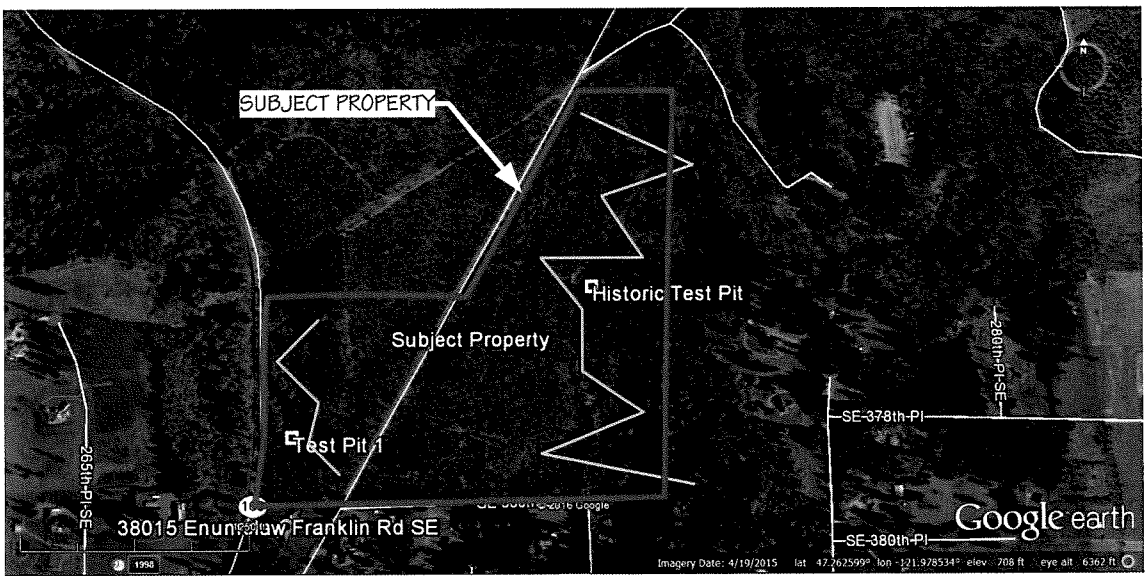

Figure 27 - Air Photograph showing Test Pit locations and transects

Figure 28 - Test Pit 1

As previously discussed, the western portion of the subject property is maturing into a relatively well diverse forest as shown in the photographs taken in this area shown as Figures 29 – 31.

Figure 29 - Photo of shrubs and trees in southwestern portion of the Subject Property

Figure 30 - Photo taken in southern portion of the subject property showing shrub and herbs

Figure 31 - Photo taken in western portion of the subject property showing canopy and understory

The site reconnaissance studies did not allow time for any significant hydrogeologic studies, however, well logs were obtained from the Washington State Department of Ecology (Ecology) well log database for this area. None of the well logs for this area suggest that any at or near surface ground water aquifers are present and that a significant number of the aquifers used as drinking water aquifers in this area are in confined aquifers and these aquifers and any unconfined aquifers were encountered at depths greater than 50 feet below the ground surface. None of over 120 wells in this area intercepted any near or at surface perched ground water aquifers nor would any be expected to be present based on the subsurface geology suggested to be present by SNR's interpretation of the well logs. This indicates that there is no potential source for wetland hydrology in this area.

Fourteen of the well logs for water wells located closest to the subject property are included in Appendix A of this letter report.

FINDINGS

The subject property is undeveloped forest land located in a rural area of the Enumclaw area of unincorporated King County. It consists of three somewhat irregular parcels forming a trapezoidal shape partly due to the County and state roads that bound and pass through portions of the property.

It is located in what would geomorphologically be called a graben bounded by uplifted older bedrock horsts to the west and east. The older, uplifted bedrock is associated with coal deposits which are found throughout this structurally complex area, especially in area such as Black Diamond and even Newcastle (where Coal Creek is located).

The subject property is located in an area where historic relict glacial meltwater once flowed as rivers and streams which is why the deposits at the lower elevations appear to be recessional outwash deposits that may include historic Mount Rainier lahar deposits, including lahar deposits from one of the largest lahar flows in the world, the Osceola mudflow, which occurred approximately 5,600 years ago.

Being forest land, the subject property has been clear cut at least three times, with the most recent clear cut three harvesting activities having occurred in the western portion sometime around 1998 and in the eastern portion sometime around 2003.

This "offset" tree harvesting creates two distinct forested areas today, with the western portion of the subject property being much more densely forested than the eastern portion, although the entire property is well vegetated and has already become populated with a relatively diverse plant community, especially in the understory (shrubs and herbs) a developing tree canopy, that is dominated by deciduous trees, although conifers are plentiful, but none are more than 20 years old (with the oldest conifers being present in the western portion of the subject property (west of Enumclaw Franklin Road Southeast).

The lowest topographic elevations are located in the southwestern portion of the subject property and the highest are located near the eastern property line, where the up thrust older "bedrock" deposits are located, which is associated with coal deposits, with at least one relict coal mine being located east of the northeastern portion of the subject property.

SNR's research also suggests that in addition to "open pit" mining, subsurface "mine shaft" coal mining has been conducted in the area, however, the locations of most of the mine tunnels in this area are unknown, although the geologic map suggests that there is a possibility that a mine shaft passes through the eastern portion of the subject property, there is no definitive evidence that this shaft actually exists nor is there any indications of mine openings on the subject property or mine shaft vents being present.

There is no evidence of mine tailings or of the surface features that would be associated with mining activities, including processing areas, stockpile areas, or transport area for moving coal from the site to the product distribution areas. There is no evidence in historic maps, air photographs (including air photographs taken after clear cut tree harvesting had been conducted), or in the LiDAR imagery that any coal mines are present on the subject property and based on the inaccuracies of historic mining maps and the changes in datums since the 19th century, it is often unclear where the historic mine shafts were actually located, but it is anticipated that these mines would be located near the base of the old, up thrust, "bedrock" deposits, especially to the west, where the coal deposits tended to be thicker and more well defined.

Considering the subject property has been completely clear cut at least three times it is unlikely that relict coal mines are present on the subject property, especially since there are no areas on the site that were avoided when the most recent clear cut tree harvesting activities were conducted (around 1998 and 2003).

The areas King County suggests may be prone to erosion hazards are in areas where the surface deposits are derived from the bedrock deposits, which are comprised of low grade metamorphic materials that are rarely considered to have any significant erosion potential. Additionally, these slopes are not significantly steep (with an average general slope of 12% to the west) and are well vegetated which makes these slopes particularly resistant to erosion and Horton overland flow and storage.

There were no rills or gullies observed in the eastern sloped area of the subject property and the length of the slope (distance from the toe of the slope to the drainage divide at the top of the slope) generally averages only 600 feet, which limits the amount of runoff that can be generated on the slope even after clear cut tree harvesting activities have been conducted which would increase runoff by up to 75%.

There was no evidence of alluvial fans or mass wasting on or at the base of the eastern slope area, nor was there any evidence of sloughing, or any other evidence of erosion occurring on these now, moderately to well vegetated slopes.

This suggest that even if clearing and grading were conducted on these slopes, the risk of erosion would be low, however, as is the case with all land disturbances of greater than one acre (combined), any clearing and grading activities would require a general construction stormwater NPDES permit which would require the implementation of erosion and sediment controls until the site is completely stabilized. This means that the potential for erosion being created on the site or the presence of any erosion hazards on the undisturbed slopes is extremely low to non-existent.

SNR also conducted relatively extensive research and a site reconnaissance that was detailed enough to identify potential wetland areas, with the site reconnaissance studies focusing on the areas that would have the highest probability of having wetland features present (although none of these features were identified in any maps, air photographs, or LiDAR imagery and the well logs for this area do not indicate that any near or at surface unconfined aquifers are present.

In general the site was observed to have the characteristics of uplands that included dominant upland vegetation in the areas where the site reconnaissance transects were conducted. This site is somewhat because of the relatively recent clear cut tree harvesting activities, the historic air photographs provided imagery of what was practically bare earth images which could be observed over time and none of this imagery nor the bare earth LiDAR imagery suggested that any potential depressional wetland areas are present (or any other types of wetlands).

The topographically lower areas with gravelly, cobbly, sands did have relatively small stands of young cottonwoods, which would be expected in this area because it is where there is the highest probability of subsurface unsaturated preferential flow on much deeper less permeable materials. Cottonwoods extend long roots through easily penetrable deposits to intercept these deeper unsaturated zone flow zones, especially in excessively drained surface deposits.

The dominant understory vegetation was upland vegetation with much of the ground surface being covered with trailing blackberry, sword fern, and other upland plants. The trees on the site were all young (less than 20 years old) with extensive regrowth of both conifers and the more rapidly growing deciduous trees, all of which were distributed in a manner consistent with a recovering forest that has been used for tree harvesting activities for at least 120 years.

The subject property is located in a rural, relatively sparsely developed area with the highest density residential use being rural 2.5 (one house per 2.5 acres), however, most of the area is zoned rural 5 (one house per 5 acres) and rural 10 (one house per 10 acres).

The western portion of the subject property has a county road (Enumclaw Franklin Road Southeast) passing through the property and this road bounds the western boundary of the eastern portion of the subject property. Additionally, the subject property has relatively easy access to SR 169 where Enumclaw Franklin Road Southeast intersects this highway approximately ¼ mile southwest of the subject property and the western boundary of the subject property bounds this highway for approximately 1,200 feet.

This suggests that there are several points of road access to the subject property, with most of this access being high visibility (no obstructions or sharp curves). This suggests that the subject property is a viable option for BRC to use as a future recycling/mulching facility, especially since there is no indication that there are any critical areas located on the subject property based on the research and site reconnaissance activities conducted to prepare this report and to make these findings.

Thank you for requesting this study and report from SNR, if you have any questions, or require more information, please contact me at your convenience at 425-788-3015 or on my cell at 206-291-5556.

Sincerely,
SNR COMPANY

Steven F. Neugebauer
Principal Hydrogeologist

State of Washington
Hydrogeologist
347
Licensed Geologist
Steven F. Neugebauer

State of Washington
Engineering Geologist
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APPENDIX A – WELL LOGS FOR WATER WELLS LOCATED IN THE VICINITY OF THE SUBJECT PROPERTY

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

RECEIVED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 065379
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name COLE, BARRY Address 27046 SE 384 ST ENUMCLAW, WA 98022-

(2) LOCATION OF WELL: County KING - SW 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 27046 SE 384 ST, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 10 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 12 ft. below top of well Date 06/26/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 100 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG 21-6-36 Q

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	1
BROWN CEMENTED SAND & GRAVEL	1	38
BLUE CEMENTED SAND & GRAVEL	38	80
WATER BEARING SAND & GRAVEL	80	100

RECEIVED
OCT 02 1996
DEPT. OF ECOLOGY

Work started 06/25/96 Completed 06/26/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] B DeHaven License No. 0097

Contractor's Registration No. NORTHPD137PO Date 06/28/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

21-6E-36Q

WATER WELL REPORT

Original & 1st copy – Ecology, 2nd copy – owner, 3rd copy – driller

Construction/Decommission ("x" in circle) 260685

● Construction

○ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

CURRENT

Notice of Intent No. W244660

Unique Ecology Well ID Tag No. APR-421

Water Right Permit No. _____

Property Owner Name Brad Boren

Well Street Address 27054 SE 382nd ST

City Enumclaw County King

Location SW/4-1/4 SE/4 Sec 36 Twn 21 R 6 (EWM or WWM) circle one

Lat/Long (s, t, r Still REQUIRED) Lat Deg _____ Lat Min/Sec _____

Long Deg _____ Long Min/Sec _____

Tax Parcel No. 7215500190

PROPOSED USE: ■ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other _____

TYPE OF WORK: Owner's number of well (if more than one) _____

■ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cable ■ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 370 ft. Depth of completed well 365 ft.

CONSTRUCTION DETAILS

Casing Installed: ■ Welded 6" Diam. from 0 ft. to 54 ft. ■ Liner installed PVC 4" Diam. from -1 ft. to 365 ft. ☐ Threaded _____" Diam. from _____ ft. to _____ ft.

Perforations: ■ Yes ☐ No

Type of perforator used Saw

SIZE of perfs 1/8 in. by 3 in. and no. of perfs 100 from 250 ft. to 349 ft.

Screens: ☐ Yes ■ No ☐ K-Pac Location _____

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: ☐ Yes ■ No ☐ Size of gravel/sand _____

Materials placed from _____ ft. to _____ ft.

Surface Seal: ■ Yes ☐ No To what depth? 18 ft.

Material used in seal bentonite

Did any strata contain unusable water? ☐ Yes ■ No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 30 ft. below top of well Date 4-6-07

Artesian pressure _____ lbs. per square inch Date _____

Artesian water is controlled by _____ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ■ No If yes, by whom? _____

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Airtest 1 gal./min. with stem set at 320 ft. for 2 hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? ☐ Yes ■ No

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Surface	0	3
Sand-gravel-brown	3	9
Hardpan-brown	9	29
Sand-gravel-brown	29	35
Hardpan-gray	35	50
Shale-gray	50	170
Basalt-black	170	210
Sandstone-gray	210	290
Shale-gray-water	290	310
Shale-gray-soft	310	370
Shale cave in	365	370

RECEIVED
APR 23 2007
DEPT OF ECOLOGY

Start Date 3-29-07 Completed Date 4-6-07

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

■ Driller ☐ Engineer ☐ Trainee Name (Print) Brad Johnson

Driller/Engineer/Trainee Signature Brad Johnson

Driller or trainee License No. 0233

Drilling Company Johnson Drilling Co, Inc

Address 19415 108th Ave SE

City, State, Zip Kent, WA 98055

Contractor's Registration No. JOHNSDC207QM Date 4-6-07

If TRAINEE,
Driller's Licensed No. _____
Driller's Signature _____

Ecology is an Equal Opportunity Employer.

ECY 050-1-20 (Rev 3/05) **The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.**

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 064774
Unique Well I.D. #
Water Right Permit No.

(1) OWNER: Name POMS, DALE Address 38017 274 AVE SE ENUMCLAW, WA 98022-21/6/36 R

(2) LOCATION OF WELL: County KING - SE 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 38017 274 AVE SE, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 28 ft. below top of well Date 03/12/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 100 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	3
BROWN CEMENTED SAND & GRAVEL	3	58
BROWN CLAY W/OCC GRAVEL	58	90
WATER BEARING SAND & GRAVEL	90	100

RECEIVED
JUN 27 1996
DEPT. OF ECOLOGY

Work started 03/12/96 Completed 03/12/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] RB DeLorme License No. 0097

Contractor's Registration No. NORTHPD137PO Date 03/16/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 065019
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name RADSCHEIDERG, DAVID Address 38010 272 AVE SE ENUMCLAW, WA 98022- 21-6-36R

(2) LOCATION OF WELL: County KING - SE 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 38010 272 AVE SE, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 23 ft. below top of well Date 03/14/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 60 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	1
BROWN CEMENTED SAND & GRAVEL	1	42
BLUE GLACIAL TILL	42	90
WATER BEARING SAND & GRAVEL	90	100

'96 JUN 27

Work started 03/13/96 Completed 03/14/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] K B DeLeman License No. 0097

Contractor's Registration No. NORTHPD137PO Date 03/16/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

21/6E/369

WATER WELL REPORT

STATE OF WASHINGTON

21/06 - 369
Application No.
Permit No. G1-21691-P

(1) OWNER: Name E. J. Romolt Address SW¼SE¼

(2) LOCATION OF WELL: County King ~~NE¼~~ NW¼ 36 T. 21 N., R. 6E W.M.

Bearing and distance from section or subdivision corner 1100 ft. East & 800 ft. North of S 1/4 corner of Sec. 36

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)....
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 8 inches.
Drilled 66 ft. Depth of completed well 63 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 8 " Diam. from -0- ft. to 54 ft.
Threaded ☐ ____ " Diam. from ____ ft. to ____ ft.
Welded ☒ ____ " Diam. from ____ ft. to ____ ft.

Perforations: Yes ☐ No ☑
Type of perforator used
SIZE of perforations ____ in. by ____ in.
____ perforations from ____ ft. to ____ ft.
____ perforations from ____ ft. to ____ ft.
____ perforations from ____ ft. to ____ ft.

Screens: Yes ☑ No ☐ Manufacturer's Name Johnson
Type Telescoping Model No. Stainless
Diam. ____ Slot size 020 from 54 ft. to 63 ft.
Diam. 8 Slot size 020 from 54 ft. to 63 ft.

Gravel packed: Yes ☐ No ☑ Size of gravel:
Gravel placed from ____ ft. to ____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal Bentonite with original
Did any strata contain unusable water? Yes ☐ No ☑
Type of water? ____ Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: ____ H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ≈700 ft.
Static level 11 ft. below top of well Date 5-10-67
Artesian pressure ____ lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom?
Yield: ____ gal./min. with ____ ft. drawdown after ____ hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test 40 gal./min. with 0 ft. drawdown after 2 hrs.
Artesian flow ____ g.p.m. Date
Temperature of water ____ Was a chemical analysis made? Yes ☑ No ☐

(10) WELL LOG: Sec. 36

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
glacial Till with Boulders	0	40
compact sand & gravel water bearing	40	50
loose sand & gravel	50	63
compact Till	63	66

Work started May 1967 Completed May 10 1967

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Evergreen Drilling
(Person, firm, or corporation) (Type or print)

Address 2627 - SE 192 Maple Valley

[Signed] Roland Fuhrig
(Well Driller)

License No. 0139 Date 9-17, 1976

This is a copy of the original.

(USE ADDITIONAL SHEETS IF NECESSARY)

S. F. No. 7336—OS—(Rev. 4-71).

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 065021
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name SORRESON,HOWARD Address 27021 SE 382 ST ENUMCLAW, WA 98022- 21/6/36 Q

(2) LOCATION OF WELL: County KING - SW 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 27021 SE 382 ST, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 160 ft. Depth of completed well 160 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 60 ft.
WELDED/LINER IN 4 " Dia. from 15 ft. to 160 ft.
" Dia. from ft. to ft.

Perforations: YES
Type of perforator used SAW CUT
SIZE of perforations 1/8 in. by 3 in.
40 perforations from 150 ft. to 160 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 15 ft. below top of well Date 03/21/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 10 gal/min. w/ stem set at 160 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	2
BROWN CEMENTED SAND & GRAVEL	2	58
GRAY SANDSTONE	58	160

RECEIVED
JUN 27 1996
DEPT. OF ECOLOGY

Work started 03/15/96 Completed 03/21/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING (Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] R B DeVries License No. 0097

Contractor's Registration No. NORTHPD137PO Date 03/16/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

21/06-36R

Application No.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Permit No.

(1) OWNER: Name Jack LeGrande Address (3810) SE 35th Pl. Enumclaw

(2) LOCATION OF WELL: County King SE ¼ of SE ¼ Sec 36 T 21 N. R 6E W.M.

Bearing and distance from section or subdivision corner Lot 29 of Ronald's Addition

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 180 ft. Depth of completed well 180 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 21 ft.
Threaded ☐ or 4 " Diam. from -1 ft. to 177 ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☒ No ☐
Type of perforator used Saw
SIZE of perforations 1/8 in. by 3 in.
100 perforations from 60 ft. to 172 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal puddling's clay
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name H.P.
Type:

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.
Static level 40 ft. below top of well Date 6-4-87
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom?
Yield: 4 gal./min. with 90 ft. drawdown after 2½ hrs.
" " " " Airjet "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil	0	2
Brown clay	2	10
Brown hardpan	10	16
Brown gravel	16	21
Gray sandstone	21	75
Brown sandstone	75	100
Gray sandstone	100	115
Brown sandstone - seepage	115	150
Gray sandstone	150	180

JUN 15 1987

Work started 5-29 19 87 Completed 6-4 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Johnson Drilling Co., Inc. (Person, firm, or corporation) (Type or print)

Address 19415 108th Ave SE Renton 98055

[Signed] Brad Johnson (Well Driller)

License No. 0223 Date 6-4, 19 87

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 064775
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name NEFF, JAMES Address 38023 272 AVE SE ENUMCLAW, WA 98022-

(2) LOCATION OF WELL: County KING - SW 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 38023 272 AVE SE, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 33 ft. below top of well Date 05/16/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 20 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG 21-6E-36Q

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	2
BROWN CEMENTED SAND & GRAVEL	2	8
BOULDER	8	11
BROWN CEMENTED SAND & GRAVEL	11	12
BROWN SILTY SAND & GRAVEL	12	24
BROWN CEMENTED SAND & GRAVEL	24	30
WATER BEARING SAND & GRAVEL	30	45
BLUE GLACIAL TILL	45	78
BLUE CEMENTED SAND & GRAVEL	78	90
WATER BEARING SAND & GRAVEL	90	100

RECEIVED JUN 27 1996 36

Work started 05/14/96 Completed 05/16/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING (Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] [signature] License No. 0097

Contractor's Registration No. NORTHPD137PO Date 05/16/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 064790
Unique Well I.D. /
Water Right Permit No.

(1) OWNER: Name BUNDY, LEN Address 27043 SE 382 ENUMCLAW, WA 98022- 21/6/36 Q

(2) LOCATION OF WELL: County KING - SW 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 27043 SE 382, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 18 ft. below top of well Date 04/17/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 150 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	2
BROWN CEMENTED SAND & GRAVEL	2	14
BROWN GLACIAL TILL	14	25
BROWN CEMENTED SAND & GRAVEL	25	54
BLUE GLACIAL TILL	54	61
BLUE CEMENTED SAND & GRAVEL	61	85
WATER BEARING SAND & GRAVEL	85	100

RECEIVED
JUN 27 1996
DEPT. OF ECOLOGY

Work started 04/16/96 Completed 04/17/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] [signature] License No. 0097

Contractor's
Registration No. NORTHPD137PO Date 04/17/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 064800
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name GATH, PAM Address 27016 SE 384 ST ENUMCLAW, WA 98022-

(2) LOCATION OF WELL: County KING - SW 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 27016 SE 384 ST, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 100 ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

Perforations: NO
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 12 ft. below top of well Date 06/27/96
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 150 gal/min. w/ stem set at 100 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG 21-6E-36Q

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	1
BROWN CEMENTED SAND & GRAVEL	1	38
BLUE CEMENTED SAND & GRAVEL	38	80
WATER BEARING SAND & GRAVEL	80	100

RECEIVED
OCT 02 1996
DEPT. OF ECOLOGY

Work started 06/26/96 Completed 06/27/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 [illegible] WAY SOUTH

[SIGNED] [signature] License No. 0097

Contractor's
Registration No. NORTHPD137PO Date 06/28/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

FILE: ORIG. & FIRST COPY - DEPT. OF ECOLOGY
SECOND COPY - OWNER; THIRD COPY - DRILLER

WATER WELL REPORT
STATE OF WASHINGTON

START CARD NO. W157720
UNIQUE WELL ID AKR528
WATER RIGHT PERMIT NO.

156811

(1) OWNER NAME REMOLIF WATER SYSTEM ADDRESS: P.O. BOX 1012, ENUMCLAW WA. 98022
(2) LOCATION OF WELL: County KING SW 1/4 SE 1/4 SEC 36 TWP 21N R 6E
(2a) STREET ADDRESS OF WELL (or nearest address) CORNER OF S.E. 382ND ST. & 272ND AVE. S.E. ENUMCLAW WA. 98022

(3) PROPOSED USE: CLASS "A"
(4) TYPE OF WORK: NEW WELL
METHOD: ROTARY

(5) DIMENSIONS: Diameter of well 8 inches
Drilled 114 feet. Depth of completed well 113'-11" ft.

(6) CONSTRUCTION DETAILS
Casing instld: 8 " Diam. From 0 ft. to 102'-5" ft.
Welded ☑ " Diam. From ft. to ft.
Liner ☐ " Diam. From ft. to ft.
Threaded ☐

Perforations: Yes ☐ No ☑
Type of perforator used
Size of perforations in. by in.
perforations from ft. to in.
perforations from ft. to in.
perforations from ft. to in.

Screens: Yes ☑ No ☐
Manufacturer's Name: JOHNSON
Type STAINLESS Model No.
Diam 8" Slot size 80 from 104 ft. to 109 ft.
Diam 8 Slot size 60 from 109 ft. to 114 ft.

Gravel packed Yes ☐ No ☑ Size of gravel?
Gravel packed from ft. to ft.

Surface seal. Yes ☑ No ☐ To what depth? 30 ft.
Material used in seal BENTONITE
Did any strata contain unusable water? Yes ☐ No ☑
Type of water? Depth of Strata ft.
Method of sealing strata off

(7) PUMP. Manufacturer's Name
Type H. P.

(8) WATER LEVELS: Surface elev above mean sea level ft.
Static level 23'-1" below top of well Date 07/06/04
Artesian pressure lbs. Per sq. in. Date
Artesian pressure is controlled by

(9) WELL TESTS: Pump test made? By Whom
Yield gal/min with ft. drawdown after hrs.
Yield gal/min with ft. drawdown after hrs.
Yield gal/min with ft. drawdown after hrs.
Recovery data:
Time Wtr Lvl. Time Wtr Lvl. Time Wtr Lvl.

Date of test:
Bailer test gal/min with ft. drawdown after hrs.
Airtest 100+ gal/min stem set at 102 ft. for 2 hrs.
Artesion flow gal/min Date
Temperature of water Was chemical analysis made? NO

(10) WELL LOG OR DECOMMISSIONING PROCEDURE DESCRIPTION

MATERIAL	FROM	TO
TILL	0	23
BOULDER	23	26
BROWN SAND, GRAVELS, COBBLES	26	35
REDDISH BROWN SAND, GRAVELS, LOOSE	35	68
HARDPAN	68	72
GREY SAND, GRAVELS, WATER	72	113'-11"
WHITE CLAY WITH GRAVEL	114	?

'04 JUL 25 AM 7:28

Work Started 06/24/04 Completed: 07/06/04

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Name: RICHARDSON WELL DRILLING COMPANY INC
Address: P. O. BOX 4427 TACOMA, WA 98444
(Signed) (Well Driller) Lic No. 2623
Contractor's Registration No. RICHARW*3210B DATE 7/9/2004

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

21-6E-36N

WATER WELL REPORT

STATE OF WASHINGTON ECOLOGY Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle) 134 943
- (x) Construction
- ( ) Decommission *ORIGINAL CONSTRUCTION Notice of Intent Number*

CURRENT
Notice of Intent No. W153691
Unique Ecology Well ID Tag No. ABO-570
Water Right Permit No.

Property Owner Name Richard James
Well Street Address 26266 SE 380th ST
City Enumclaw County: King
Location SW 1/4- 1/4 SW 1/4 Sec 36 Twn 21 R 6 (EWM) circle one or WWM
Lat/Long: (s,t,r still REQUIRED) Lat Deg ____ Lat Min/Sec ____ Long Deg ____ Long Min/Sec ____
Tax Parcel No. 3621069052

PROPOSED USE: (x) Domestic ( ) Industrial ( ) Municipal ( ) DeWater ( ) Irrigation ( ) Test Well ( ) Other

TYPE OF WORK: Owner's number of well (if more than one)
(x) New Well ( ) Reconditioned *Method* ( ) Dug ( ) Bored ( ) Driven ( ) Deepened ( ) Cable (x) Rotary ( ) Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 368 ft
Depth of completed well 368 ft

CONSTRUCTION DETAILS
Casing (x) Welded 6" Diam from +2 ft to 22 ft.
Installed: (x) Liner installed PVC 4" Diam from -1 ft to 368 ft.
( ) Threaded ____" Diam. from ____ ft to ____ ft.

Perforations: (x) Yes ( ) No
Type of perforator used Saw
SIZE of perfs 1/8 in by 3 in and no of perfs 100 from 290 ft to 365 ft

Screens: ( ) Yes (x) No ( ) K-Pac Location
Manufacturer's Name
Type Model No
Diam Slot Size from ft to ft
Diam Slot Size from ft to ft

Gravel/Filter packed: ( ) Yes (x) No ( ) Size of gravel/sand
Materials placed from ft to ft

Surface Seal: (x) Yes ( ) No To what depth? 18 ft
Materials used in seal bentonite
Did any strata contain unusable water? ( ) Yes (x) No
Type of water? Depth of strata
Method of sealing strata off

PUMP: Manufacturer's Name
Type H.P

WATER LEVELS: Land-surface elevation above mean sea level ft
Static level 270 ft below top of well Date 6-30-03
Artesian pressure lbs per square inch Date
Artesian water is controlled by (cap,valve, etc)

WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ( ) Yes (x) No If yes, by whom?
Yield gal /min with ft drawdown after hrs
Yield gal /min with ft drawdown after hrs
Yield gal /min with ft drawdown after hrs
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test gal /min with ft drawdown after hrs
Airtest 18 gal /min with stem set at 360 ft for 2 hrs
Artesian flow g.p m Date
Temperature of water Was a chemical analysis made? ( ) Yes (x) No

CONSTRUCTION OR DECOMMISSION PROCEDURE
Formation Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information Indicate all water encountered (USE ADDITIONAL SHEETS IF NECESSARY)

MATERIAL	FROM	TO
Surface	0	3
Clay-brown	3	12
Shale-grey-hard	12	180
Decayed shale-brown	180	265
Sandstone-gray-medium	265	323
Sandstone-gray-water	323	330
Sandstone-gray	330	368
Decayed-rock-brown	368	—

RECEIVED
JUL 09 2003
DEPT OF ECOLOGY

Start Date 8-25-03 Completed Date 6-30-03

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

(x) Driller ( ) Engineer ( ) Trainee Name (Print) Brad Johnson
Driller/Engineer/Trainee Signature
Driller or Trainee License No. 0233
Drilling Company Johnson Drilling Co. Inc
Address 19415 108th Ave SE
City, State, Zip Renton, WA 98055
Contractor's Registration No. JOHNSDC207QM Date 6-30-03

If trainee, licensed driller's Signature and License no.

Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 4/01)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W 064772
Unique Well I.D.
Water Right Permit No.

(1) OWNER: Name NICHOLS, RICK Address 38016 274 AVE SE ENUMCLAW, WA 98022- 21/6/36 R

(2) LOCATION OF WELL: County KING - SE 1/4 SE 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 38016 274 AVE SE, ENUMCLAW

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 320 ft. Depth of completed well 320 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 65 ft.
WELDED/LINER IN 4 " Dia. from 10 ft. to 320 ft.
" Dia. from ft. to ft.

Perforations: YES
Type of perforator used SAW CUT
SIZE of perforations 1/8 in. by 3 in.
40 perforations from 300 ft. to 320 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level FLOW ft. below top of well Date 03/25/96
Artesian Pressure .5 lbs. per square inch Date 03/25/96
Artesian water controlled by CAP & VALVE

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test gal/min. w/ stem set at 320 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	2
BROWN CEMENTED SAND & GRAVEL	2	64
GRAY SANDSTONE	64	191
COAL	191	209
GRAY SANDSTONE W/ COAL	209	320

RECEIVED
JUN 27 1996
DEPT. OF ECOLOGY

Work started 03/21/96 Completed 03/25/96

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 HERRON WAY SOUTH

[SIGNED] R. DeLorme License No. 0097

Contractor's Registration No. NORTHPD137PO Date 03/22/96

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

ENTERED

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. ACC-275
UNIQUE WELL I.D. #
Water Right Permit No. DW 065017

(1) OWNER: Name ROGER CLARK 216E36 Address 27226 SE 384 Enumclaw WA 98022

(2) LOCATION OF WELL: County King S.W¼ SW ¼ SE ¼ Sec 36 T. 21 N.R 6 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) 27226 SE 384 Enumclaw WA 98022

(3) PROPOSED USE: [X] Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [ ] DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned [ ] New well [X] Method: Dug [ ] Bored [ ] Deepened [ ] Cable [ ] Driven [ ] Reconditioned [ ] Rotary [X] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6" inches. Drilled 100 feet. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 0 ft. to 100 ft.
Welded [X] Liner installed [ ] Threaded [ ]
Diam. from ft. to ft.
Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 18 ft.
Material used in seal BACKFILL
Did any strata contain unusable water? Yes [ ] No [X]
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level
Static level 20 ft. below top of well Date 1-17-96
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes [ ] No [X] If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Airtest gal./min. with stem set at ft. for hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes [ ] No [ ]

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
GRAVELLY	0	5
BOULDERS & GRAVEL	5	30
GRAY CLAY	30	35
BLACK GRANITE GRAVEL	35	100

RECEIVED
FEB 23 1996
DEPT OF ECOLOGY

Work Started 1-16-96 19 Completed 1-19-96 19

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Cedergreen Drilling (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address 38104-160 Pl SE Auburn, WA
(Signed) (WELL DRILLER) License No. 2195
Contractor's Registration No. CEDERDDO55KM Date Feb 15 19 96

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

ECY 050-1-20 (9/93)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

21/6E/36 N

B

WATER WELL REPORT
STATE OF WASHINGTON

Start Card No. 044260
Water Right Permit No.

(1) OWNER: Name CLARK, WILL Address P O BOX 1241 COOS BAY, OR 97420-

(2) LOCATION OF WELL: County KING - SW 1/4 SW 1/4 Sec 36 T 21 N., R 6 WM
(2a) STREET ADDRESS OF WELL (or nearest address) 261XX SE 383 ST

(3) PROPOSED USE: DOMESTIC

(4) TYPE OF WORK: Owner's Number of well (If more than one)
NEW WELL Method: ROTARY

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 202 ft. Depth of completed well 202 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Dia. from 0 ft. to 38 ft.
WELDED/LINER IN 4 " Dia. from 20 ft. to 202 ft.
" Dia. from ft. to ft.

Perforations: YES
Type of perforator used SAW CUT
SIZE of perforations 1/8 in. by 3 in.
50 perforations from 182 ft. to 202 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: NO
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

Gravel packed: NO Size of gravel
Gravel placed from ft. to ft.

Surface seal: YES To what depth? 18 ft.
Material used in seal BENTONITE CLAY
Did any strata contain unusable water? NO
Type of water? Depth of strata ft.
Method of sealing strata off N/A

(7) PUMP: Manufacturer's Name
Type N/A H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level 3 ft. below top of well Date 04/15/91
Artesian Pressure lbs. per square inch Date
Artesian water controlled by N/A

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
Was a pump test made? NO If yes, by whom?
Yield: gal./min with ft. drawdown after hrs.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal/min. ft. drawdown after hrs.
Air test 125 gal/min. w/ stem set at 200 ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? NO

(10) WELL LOG

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change in formation.

MATERIAL	FROM	TO
TOPSOIL	0	3
BROWN CEMENTED SAND & GRAVEL	3	8
BLUE GLACIAL TILL	8	29
BLUE SILT	29	37
GRAY SANDSTONE	37	202

RECEIVED
MAY 24 1991
DEPT. OF ECOLOGY

Work started 04/15/91 Completed 04/15/91

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME NORTHWEST PUMP & DRILLING
(Person, firm, or corporation) (Type or print)

ADDRESS 3245 AUBURN WAY SOUTH

[SIGNED] R. B. DeGraw License No. 0097

Contractor's
Registration No. NORTHPD137PQ Date 04/16/91