WASHINGTON STATE DEPT OF NATURAL RESOURCES

COUNTY OR MUNICIPALITY APPROVAL FOR SURFACE MINING (Form SM-6)

NAME OF COMPANY OR INDIVIDUAL APPLICANT(S)
Same as name of the exploration permit holder. *(Type or print in ink.)*

ROBERT DRESSEL

MAILING ADDRESS

19315 99th St. NW, Vaughn, WA
98394-9639

Telephone 360-731-3561

TOTAL ACREAGE AND DEPTH OF PERMIT AREA
(Include all acreage to be disturbed by mining, setbacks, and buffers, and associated activities during the life of the mine.) *(See SM-8A.)*

Total area permitted will be 100 acres

Maximum vertical depth below pre-mining topographic grade is 23 feet

Maximum depth of excavated mine floor is 2,250 feet relative to mean sea level

COUNTY KITTITAS

No attachments will be accepted. Legal description of permit area:

1/4	1/4	Section	Township	Range
NE	NW	10	19N	15E
NE	NE	10	19N	15E
NW	NE	10	19N	15E

Proposed subsequent use of site upon completion of reclamation
OPEN SPACE/DESIGNATED FOREST LAND

RECEIVED
August 1, 2023
Washington Geological Survey

Signature of company representative or individual applicant(s)

Name and title of company representative *(please print)*
Robert W Dressel Jr
owner

Date signed
7-31-23

TO BE COMPLETED BY THE APPROPRIATE COUNTY OR MUNICIPALITY:

Please answer the following questions 'yes' or 'no'.

	Yes	No
1. Has the proposed surface mine been approved under local zoning and land-use regulations?	✓	
2. Is the proposed subsequent use of the land after reclamation consistent with the local land-use plan/designation?	✓	

When complete, return this form to the Department of Natural Resources.

Name of planning director or administrative official *(please print)*
Jamey Ayling

Signature

Title *(please print)*
Planning Manager

Address
Community Development Services
411 N. Ruby Street, Ste 2
Ellensburg, WA 98926

Telephone
509 962 7065

Date
7-31-23

FOR DEPARTMENT USE ONLY:

DNR Reclamation Permit No.
70-013291

WASHINGTON STATE DEPT OF NATURAL RESOURCES

APPLICATION FOR RECLAMATION PERMIT AND PLAN (Form SM-8A)

Check appropriate box(es): ☒ new permit ☐ revision of existing permit ☐ transfer of permit ☐ expansion

NOTE: Do not attempt to complete this form until you have carefully read "Instructions for Form SM-8A".

1. NAME OF APPLICANT/PERMIT HOLDER(S)
Robert Dressel

2. MAILING ADDRESS
19315 99th St NW, Vaughnm WA 98394-9639

3. Telephone **360-277-8565** Email **bulldozerbob@bluestarres.net**

4. NAME OF MINE
Peoh Point Rock Quarry

5. Street address and milepost of surface mine
2906 Upper Peoh Point Rd. Cle Elum, WA 98922

6. Distance (miles)	**7.** Direction from	**8.** Nearest community
2	**South**	**South Cle Elum**

9. COUNTY **Kittitas**
No attachments will be accepted. Legal Description of permit area:

1/4	Section	Township	Range
NE	**10**	**19 N**	**15 E**
NW	**10**	**19 N**	**15 E**

10. Do you or any person, partnership, or corporation associated with you now hold, or have you held, a surface mining operating or reclamation permit? ☐ yes ☒ no
If you answered yes to the above, please list:

11. Are all of these mines now in compliance with RCW 78.44, WAC 332-18, and conditions of the permits? ☒ yes ☐ no
Have you ever had a surface mine operating or reclamation permit revoked? ☐ yes ☒ no
Have you ever had a reclamation security forfeited? ☐ yes ☒ no
If you answered yes to either of the above, give permit number(s):

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12. TOTAL ACREAGE OF PERMIT AREA APPLIED FOR:
(Include all acreage to be permitted. See Form SM-6.) **100** acres

13. Total disturbed acreage (Include all acreage to be disturbed by mining and reclamation during the life of the mine.)
Total area to be disturbed: **45** acres.
Area to be disturbed in next 36 months: **3.9 acres (Zone 1), but dependent upon demand, 20k-30k CY**

14. Maximum vertical depth (thickness) mined below pre-mining topographic grade will be **23** feet.

15. Lowest elevation of excavated mine will be **2,250** feet relative to mean sea level.
Highest elevation of excavated mine will be **2,770** feet relative to mean sea level.

16. Type of proposed or existing mine: ☒ pit ☐ quarry

17. Material(s) to be mined: ☐ sand and gravel ☒ rock or stone ☐ clay ☐ metal ☐ limestone ☐ silica ☐ other _____

18. Deposit type: ☐ glacial ☐ river floodplain (alluvial) ☐ river channel deposits ☒ talus ☐ bedrock ☐ lode ☐ other _____

19. Expected start date of mining:
May 2023

20. Estimated number of years:
50+

21. Total quantity to be mined over life of mine (estimated):
Net: 393,175 ☐ tons or ☒ cu yds
Zone 1: 23,355 CY
Zone 2: 26,165 CY
Zone 3: 25,975 CY
Zone 4: 58,885 CY
Zone 5,5E and 5W: 243,195 CY

22. Estimated annual production:
10,000-20,000
☐ tons or ☒ cu yds

23. Subsequent land use: ☐ industrial ☐ commercial ☐ residential ☐ agricultural ☒ forestry ☐ wetlands and lakes ☒ other **Open Space**
County or Municipality Approval for Surface Mining (Form SM-6) attached? ☒ yes ☐ no

24. Reclaimed elevation of floor of mine: **N/A** feet relative to mean sea level
Reclaimed elevation is shown on cross sections? ☒ yes ☐ no

25. SEPA Checklist required? ☒ yes ☐ no

26. Application fee for a new reclamation permit is herewith attached? ☒ yes ☐ no

APPLICATION FOR RECLAMATION PERMIT AND PLAN

22. SEGMENTAL RECLAMATION

Permit area has been divided into segments for mining and a mining schedule has been developed? ☒ yes ☐ no

If no, explain:

Permit area has been divided into segments for reclamation and a reclamation schedule has been developed? ☒ yes ☐ no

If no, explain:

23. SITE PREPARATION

23A. Saving Topsoil, Subsoil, and Overburden for Reclamation

Thickness of topsoil is **0.3** feet Thickness of subsoil is **N/A** feet Depth to bedrock is **TBD** feet

Total volume of topsoil is **14,350** cubic yards Total volume of subsoil is **N/A** cubic yards

Volume of stored topsoil/subsoil is **14,350** cubic yards and will require **1.1*** acres for storage.

A 0.2 acre construction staging area for mining and construction equipment and trucks will be available on the eastern side of Zone 5E. See sheet C301 for reference. *Area for stored topsoil is just an estimate. The storage area will be located on Zone 5 adjacent to the section being mined.

Storage areas are shown on maps and will be marked on the ground with permanent boundary markers? ☐ yes ☒ no

Areas will not be permanently marked, only temporary. Areas are not shown on maps but will be adjacent to the current mining zone. For example, if Zone 1 is being mined Zone 2 will have an area for any topsoil storage and then after the completion of mining Zone 1 the stored topsoil in Zone 2 will be placed back onto Zone 1.

Topsoil will be salvaged? ☒ yes ☐ no

If no, explain:

Topsoil and overburden will be moved to reclaim an adjacent depleted segment? ☒ yes ☐ no

If no, explain:

Before materials are moved, vegetation will be cleared and drainage planned for soil storage areas? ☒ yes ☐ no

If no, explain:

Soil storage areas will be stabilized with vegetation to prevent erosion if materials will be stored for more than one season? ☒ yes ☐ no

If no, explain:

23B. Permit and Disturbed Area Boundaries

Boundary of the permit area will be marked on the ground with permanent boundary markers? ☒ yes ☐ no

Explain boundary markers: **Boundaries of each zone will be marked with Permanent markers.**

23C. Setbacks Screens and Buffers

Are Screens required and are shown on maps? ☐ yes ☒ no

The reclamation setback for this site will be **30** feet wide.

Is a permanent, undisturbed buffer planned for this site? ☒ yes ☐ no

If no, explain: **There will buffers associated with the two streams onsite.**

Setbacks and buffers are shown on maps and have been marked on the ground with permanent boundary markers? ☒ yes ☐ no

If no, explain: **Buffers will marked with permanent boundary markers.**

23D. Buffers to Protect Streams and Flood Plains

Will the site include a stream or flood plain? ☒ **yes** ☐ **no**

If yes, see "Additional Requirements for Mines in Flood Plains" in "Instructions for SM-8A".

If no, skip to 23E.

A stream buffer of at least 200 feet has been marked on the ground with permanent boundary markers? ☐ yes ☒ no

A buffer of at least 200 feet from the 100-year flood plain has been marked on the ground with permanent boundary markers? ☐ yes ☒ no

If no, explain: **Site not located within 100 year flood plain**

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Copy of Shoreline Permit from local government or the Department of Ecology is attached? **N/A** ☐ yes ☒ no

Hydraulic Project Approval from the Department of Fish and Wildlife is attached? **N/A** ☐ yes ☒ no

23E. Conservation Buffers

Are there any conservation buffers? ☐ yes ☒ no

If no, skip to 23F

Conservation buffers will be established for the following purpose(s): *(Check all that apply)*

☐ unstable slopes ☐ wildlife habitat ☐ water quality ☐ other

Describe the nature and configuration of the conservation buffer(s):

Conservation buffers are shown on maps and have been marked on the ground with permanent boundary markers? ☐ yes ☐ no

23F. Ground Water

High water table depth is **205** feet ☐ relative to mean sea level, ☒ below original surface, or ☐ unknown.

Low water table depth is _____ feet ☐ relative to mean sea level, ☐ below original surface, or ☒ unknown.

Annual fluctuation of water table is from _____ feet on _____ to _____ feet on _____.

Are well logs attached? ☒ yes ☐ no

The shallowest aquifer is ☐ confined ☐ unconfined

The site will be mined: ☐ wet ☒ dry ☐ both

Describe mining method: **Removing rocks from hillside**

The site is in a:

☒ critical aquifer recharge area ☐ sole source aquifer ☐ public water supply watershed

☐ wellhead protection area ☐ special protection area ☐ designated aquifer protection area

If checked above, see "Additional Requirements for Mines in Hydrologically Sensitive Areas" in "Instructions for SM-8A".

Ground water study attached? ☐ yes ☒ no

If no, explain: **Ground water study not performed because reclamation will be surface rocks only.**

23G. Archeology

Are archeological/cultural resource sites present? ☐ yes ☒ no

If yes, describe how you will protect these resources: **Inadvertent Archaeological and Historic Resources Discovery Plan has been attached to application. In the event an archaeological or cultural item is found plan will be enacted.**

24. MINING PRACTICES TO FACILITATE RECLAMATION

24A. Soil Replacement

Topsoil and (or) subsoil will be restored? ☒ yes ☐ no

If "no", explain: **There is little to no topsoil present in zone 1-4. However, any topsoil in zone1-4 will be restored. Any topsoil removed from zone 5 will be restored**

Subsoil will be replaced to an approximate depth of **0.50*** feet on the pit floor and a depth of **0.50*** feet on slopes.

Topsoil will be replaced to an approximate depth of **0.33*** feet on the pit floor and a depth of **0.33*** feet on slopes.

***Depths are approximated and will vary based on field conditions. For zones 1-4 subsoil is not expected to be impacted.**

If topsoil is in short supply, it will be strategically placed in depressions and low areas in adequate thickness to conserve moisture and promote revegetation? ☒ yes ☐ no

If no, explain: **There is very little to no topsoil present in zones 1-4. However, if it is in short supply, it will be strategically placed to conserve moisture and promote vegetation. Topsoil in zone 5 will be placed strategically if in short supply to promote revegetation and conserve moisture.**

Topsoil will be moved when conditions are not overly wet or dry? ☒ yes ☐ no

If no, explain: **There is very little to no topsoil present in zones 1-4. There is topsoil in zone 5.Topsoil will be moved during dry for all zones if it is determined that the topsoil needs to be restored and respread to promote revegetation during reclamation process.**

APPLICATION FOR RECLAMATION PERMIT AND PLAN

Topsoil will be restored to promote effective revegetation and to stabilize slopes and mine floor? If "no", explain: **There is little to no topsoil present in zones 1-4. If topsoil is removed from zone 5 it will be restored to promote revegetation.**	☒ yes ☐ no
Topsoil will be replaced with equipment that will minimize compaction, or it will be plowed, disked, or ripped following placement? If no, explain: **There is little to no topsoil present in zones 1-4. Topsoil in zone 5 will be replaced with equipment that will minimize compaction.**	☒ yes ☐ no
Topsoil will be immediately stabilized with grasses and legumes to prevent loss by erosion, slumping, or crusting? If no, explain: **There is little to no topsoil present in zones 1-4. Topsoil removed in zone 5 will be restored and stabilized with grasses to prevent erosion.**	☒ yes ☐ no
Segmental topsoil removal and replacement is shown on maps? If no, explain: **There is little to no topsoil present in zones 1-4.**	☐ yes ☒ no
Topsoil will be imported? If yes, describe source. Estimated volume is _____ cubic yards.	☐ yes ☒ no
Synthetic topsoil made from compost, biosolids, or other amendments will be used and (or) made on site to supplement existing topsoil?	☐ yes ☒ no
Materials such as till, loess, and (or) silt are available on site that could be used to supplement topsoil for reclamation. If yes, explain:	☐ yes ☒ no
Silt from settling ponds or a filter press will be used for reclamation?	☐ yes ☒ no
Settling pond clay slurries will be pumped or hauled to other segments for reclamation? If yes, explain:	☐ yes ☒ no
24B. Removal of Vegetation	
Vegetation will be removed sequentially from areas to be mined to prevent unnecessary erosion? If no, explain:	☒ yes ☐ no
Small trees and other transplantable vegetation will be salvaged for use in revegetating other segments? If yes, give details. If no, explain: **Minimal vegetation is present in the mining area. Revegetating will be difficult due to rocky ground condition.**	☐ yes ☒ no
Wood and other organic debris will be: ☐ recycled ☐ removed from site ☒ chipped ☐ burned ☐ buried ☐ used to synthesize topsoil or mulch ☐ other (*explain*) Solid waste disposal, burning, and land use permits are attached?	☐ yes ☒ no
Some coarse wood (logs, stumps) and other large debris will be salvaged for fish and wildlife habitats? If yes, give details. If no, explain: **Stumps and logs will remain on the hillside to provide wildlife habitats upon completion of mining operation in each zone.**	☒ yes ☐ no
24C. Stormwater and Erosion control for Reclamation	
Pit floor will slope at gentle angles toward highwall, sediment retention pond, or proper drainage? If yes, give details. If no, explain: **Mining will take place on an existing hillside, operation will not create pit. In general, runoff will follow existing drainage patterns down the hillside.**	☐ yes ☒ no
Revegetation, sheeting, and (or) matting will be used to protect areas susceptible to erosion? If yes, give details. If no, explain: **Near surface site soils will be susceptible to wind and water erosion when exposed to grading operations. Revegetation, surface roughening, wattles, plastic covering, buffer zones, and preserving natural vegetation will be utilized to protect areas susceptible to erosion.**	☒ yes ☐ no

Water control systems used during segmental reclamation will:

Divert clean water around pit?	☐ yes	☒ no
Trap sediment-laden runoff before it enters a stream?	☒ yes	☐ no
Be established to prevent erosion of setbacks and neighboring properties?	☒ yes	☐ no
Be removed or reclaimed?	☐ yes	☒ no

If any answers are no, explain: **N/A. There is no pit and no water systems will be installed.**

Stormwater system design will be capable of carrying the peak flow of the 25-year, 24-hour precipitation event? ☐ yes ☒ no

(*Data are available at the National Oceanic And Atmospheric Administration (NOAA)*) ☐ yes ☒ no

If yes, are calculations attached?

If yes, give details. If no, explain: **N/A No stormwater system is proposed except for wattles to help manage runoff and erosion control. The drainage patterns of the site will closely match the existing drainage pattern conditions.**

Natural and other drainage channels will be kept free of equipment, wastes, stockpiles, and overburden? ☐ yes ☒ no

If no, explain: **There are no drainage channels located in the mining area**

25. RECLAMATION TOPOGRAPHY

25A. Final Slopes

Final slopes will be created using the cut-and-fill method? ☐ yes ☒ no

Explain procedure to be used:

Slopes will be created by mining to the final slope using the cut method? ☒ yes ☐ no

Explain procedure to be used: **See slopes on the attached exhibit**

Slopes will vary in steepness? ☒ yes ☐ no

If no, explain:

Slopes will have a sinuous appearance in both profile and plan view? ☒ yes ☐ no

If no, explain:

Large rectilinear (that is, right angle, or straight, planar) areas will be eliminated? ☒ yes ☐ no

If no, explain:

Where reasonable, tracks of the final equipment pass will be preserved and oriented to trap moisture, soil, and seeds, and to inhibit erosion? ☒ yes ☐ no

If no, explain:

25B. Slope Requirements for Pits and Overburden/Waste Rock Dumps (non-saleable products)

If the mine is a quarry or in hard rock, skip to Quarry section (25C).

Slopes will vary between 2 and 3 feet horizontal to 1 foot vertical or flatter, except in limited areas where steeper slopes are necessary to create sinuous topography and control drainage? ☒ yes ☐ no

If no, explain:

For pits, slopes will not exceed 2 feet horizontal to 1 foot vertical except as necessary to blend with adjacent natural slopes? ☒ yes ☐ no

Give details: **Slopes will be at a max of 1.85H:1V per the recommendation of the Geotech report and slope stability analysis report.**

Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".

Slope stability analysis required? ☒ yes ☐ no

If yes, attach analysis.

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25C. Slope Requirements for Quarries and Hardrock Metal Mines

If mine is a pit in unconsolidated materials covered by Section 25B, go to Section 25D

Check the appropriate box(es)

☐ Slopes will not exceed 2 feet horizontal to 1 foot vertical.

☐ Slopes steeper than 1 foot horizontal to 1 foot vertical are an acceptable subsequent land use as confirmed on Form SM-6.

☐ Hazardous slopes or cliffs are indigenous to the immediate area and already present a potential threat to human life. Photo and maps attached to document presence of cliffs.

☐ Geologic or topographic characteristics of the site preclude slopes being reclaimed at a flatter angle and are an acceptable subsequent land use as confirmed on Form SM-6.

Review "Additional Requirements for Mines with Steep or Potentially Unstable Slopes" in "Instructions for SM-8A".

Slope stability analysis required? ☐ yes ☐ no

If yes, attach analysis.

Measures will be taken to limit access to the top and bottom of hazardous slopes? ☐ yes ☐ no

Describe measures, or if no, explain:

Selective blasting will be used to remove benches and walls and to create chutes, buttresses, spurs, scree slopes, and rough cliff faces that appear natural? ☐ yes ☐ no

Blasting plan attached? ☐ yes ☐ no

If no, explain:

Reclamation blasting will be used to reduce the entire highwall to a scree or rubble slope less than 2 feet horizontal to 1 foot vertical? ☐ yes ☐ no

Blasting plan is attached? ☐ yes ☐ no

If no, explain:

Access to benches will be maintained for reclamation blasting? ☐ yes ☐ no

If no, explain:

Small portions of benches will be left to provide habitat for raptors and other cliff-dwelling birds? ☐ yes ☐ no

25D. Backfilling

The site will require backfilling? ☐ yes ☒ no

If no, skip to 25E.

Maximum depth of backfilling is _____ feet.

Backfill will be ☐ onsite materials ☐ imported materials ☐ both ☐ yes ☐ no

Provide a written screening method that ensures importation of acceptable soil for reclamation.

Backfilling plan is attached? ☐ yes ☐ no

If no, explain:

Backfill stockpiles are shown on maps and will be marked on the ground with markers? ☐ yes ☐ no

All grading/backfilling will be done with non-noxious, non-combustible, and relatively incompactible solids? ☐ yes ☐ no

If no, explain:

Backfill will require compaction? ☐ yes ☐ no

If no, explain:

Will you be backfilling to create slopes? ☐ yes ☐ no

Is slope stability analysis attached? ☐ yes ☐ no

If no, explain.

25E. Mine Floors

Flat areas will be formed into gently rolling mounds? ☐ yes ☒ no

If yes, give details. If no, explain: **Existing slopes will be increased to mine for material just below the hillside surface. No true mine floors will exist.**

Mine floor will be gently graded into sinuous drainage channels to preclude sheetwash erosion during intense precipitation? ☐ yes ☒ no

If yes, give details. If no, explain: **No mine floors will exist. No storm drainage system is proposed. The only drainage on site will be created naturally and organically. The rain runoff could create natural "shoots" down the hillside. The natural "shoots" will be cutoff with earthen berms on the downhills side of the last access road. In addition, wattles will be installed to help with runoff and erosion conditions. See Plan Narrative for further details.**

Mine floor and other compacted areas will be bulldozed, plowed, ripped, or blasted to foster revegetation? ☐ yes ☒ no

If yes, give details. If no, explain: **No mine floors will exist. The hillside will remain. Roadways as well as excavated slopes in the zones will be ripped to foster revegetation.**

25F. Lakes, Ponds, and Wetlands

Is water currently present in the area or will the mining penetrate the water table? ☐ yes ☒ no

If no, go to Section 25G.

Reclaimed areas below the permanent low water table in soil, sand, gravel, and other unconsolidated material will have a slope no steeper than 1.5 feet horizontal to 1 foot vertical? ☐ yes ☐ no

If yes, give details. If no, explain:

If not already present, soils, silts, and clay-bearing material will be placed below water level to enhance revegetation? ☐ yes ☐ no

If yes, give details. If no, explain:

Some parts of pond and lake banks will be shaped so that a person can escape from the water? ☐ yes ☐ no

Armored spillways or other measures to prevent undesirable overflow or seepage will be provided to stabilize bodies of water and adjacent slopes? ☐ yes ☐ no

If yes, give details. If no, explain:

Wildlife habitat will be developed, incorporating such measures as:

- Sinuous and irregular shorelines? ☐ yes ☐ no
- Varied water depths? ☐ yes ☐ no
- Shallow areas less than 18 inches deep? ☐ yes ☐ no
- Islands and peninsulas? ☐ yes ☐ no

Give details:

Ponds or basins will:

- Be located in stable areas? ☐ yes ☐ no
- Have sufficient volume for expected runoff? ☐ yes ☐ no
- Have an emergency overflow spillway? ☐ yes ☐ no
- Spillways and outfalls will be protected (for example, rock armor) to prevent failure and erosion? ☐ yes ☐ no

If any answers are no, explain:

Proper measures will be taken to prevent seepage from water impoundments that could cause flooding outside the permitted area or adversely affect the stability of impoundment dams or adjacent slopes? ☐ yes ☐ no

If yes, give details. If no, explain:

Written approval from other agencies with jurisdiction to regulate impoundment of water is attached? ☐ yes ☐ no

If no, explain:

25G. Final Drainage Configuration

Drainages will be constructed on each reclaimed segment to control surface water, erosion, and siltation? ☐ yes ☒ no

Result in essentially natural conditions of volume, velocity, and turbidity? ☒ yes ☐ no

Clean runoff is directed to a safe outlet? ☐ yes ☒ no

If yes, give details. If no, explain: **Near surface site soils are susceptible to wind and water erosion when exposed during grading operation. Appropriate BMPs will be recommended to control runoff and reduce erosion. No stormwater drainage system will be designed. Wattles will be installed in each segment where deemed necessary to provide runoff and erosion control. Runoff will match existing conditions and will follow existing drainage patterns. See Plan Narrative for additional info.**

Are these shown on maps? ☐ yes ☒ no

26. SITE CLEANUP AND PREPARATION FOR REVEGETATION

26A. Dealing with Hazardous Materials

Hazardous materials are present at the mine site? ☐ yes ☒ no

If no, go to Section 26B

The final ground surface drains away from any hazardous natural materials? ☐ yes ☐ no

If yes, give details. If no, explain:

Plan for handling hazardous mineral wastes indigenous to the site is attached? ☐ yes ☐ no

If no, written approval from all appropriate solid waste regulatory agencies attached? ☐ yes ☐ no

26B. Removal of Debris

All debris (garbage, 'bone piles', treated wood, old mining equipment, etc.) will be removed from the mine site? ☒ yes ☐ no

All sheds, scale houses, and other structures will be removed from the site? ☐ yes ☒ no

If either answer is yes, give details. If no, explain: **Clearing and grubbing will be performed before and after completion of each zone. All debris will be hauled off the site after the completion of each zone. Upon completion of entire mining operation all equipment will be removed from the site. There are no structures on the site.**

27. REVEGETATION

The mine site is in: ☒ eastern Washington ☐ western Washington

Revegetation area is: ☐ wet ☒ dry ☐ both

The average precipitation is **23** per year.

NOTE: Mine site is technically in eastern Washington but sits at the eastern foothills of the Cascade Mountains and climate is similar to Western Washington Dry Areas.

Revegetation will start during the first proper growing season (fall for grasses and legumes, fall or late winter for trees and shrubs) following restoration of mine segments? ☒ yes ☐ no

If yes, give details. If no, explain: **Revegetation of each zone will begin upon completion of mining material in that zone and prior to beginning mining in the subsequent zone. Revegetation of zone 1-4 will include trees and grasses. Some portions of the slopes in zones 1-4 will be left unvegetated to match the existing talus slopes conditions. Wattles and berms are provided on the downside of the roads to help with erosion control measures. There are no trees existing in zone 5 due to the BPA easement, therefore zone 5 will be revegetated with native grasses only.**

The site will not be revegetated because:

☐ It is a rural area with a rainfall exceeding 30 inches annually and erosion will not be a problem (requires approval of DNR).

☐ Revegetation is inappropriate for the approved subsequent use of this surface mine.

Explain:

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27A. Recommended Pioneer Species

In the Sections below, check the species that will be planted at your mine site:

**** indicates nitrogen-fixing species***

Western Washington Dry Areas (Using Western species because more applicable to our location which straddles eastern and western Washington.)

☐ alfalfa*	☒ lupine*	☐ clover*	☐ orchard grass
☐ cereal rye	☒ perennial rye	☒ colonial bent grass	☐ ponderosa pine
☒ creeping red fescue	☐ red alder*	☒ Douglas fir	☐ shore pine
☐ ground cover	☐ shrubs	☐ other	

Western Washington Wet Areas

☐ birdsfoot trefoil	☐ sedges	☐ cedar	☐ tubers
☐ cottonwood	☐ wetland grasses	☐ creeping red fescue	☐ willow
☐ red alder*	☐ other		

Eastern Washington Dry Areas

☐ alder*	☐ grasses	☐ alfalfa*	☐ juniper
☐ black locust	☐ lodgepole pine	☐ clover	☐ lupine*
☐ deciduous trees	☐ ponderosa pine	☐ shrubs	☐ deep-rooted ground cover
☐ diverse evergreens	☐ other		

Eastern Washington Wet Areas

☐ alder*	☐ cottonwood	☐ poplar	☐ sedges
☐ serviceberry	☐ tubers	☐ willow	
☐ other			

Give planting details (stems/acres of trees and shrubs, see Forest Practices manual; lbs/acre of grass, legume, or forb mixture):

Douglas Fir seedlings at 10-12 feet on center, 300 trees per acre. Grass mixture at 30 lbs per acre

Describe weed control plan:

Removal of weeds using mechanical equipment and select herbicides

27B. Planting Techniques

Revegetation at this site will require:

Ripping and tilling?	☐ yes	☒ no
Blasting to create permeability?	☐ yes	☒ no
Mulching?	☐ yes	☒ no
Irrigation?	☐ yes	☒ no
Fertilization?	☐ yes	☒ no
Importation of clay- or humus-bearing soils?	☐ yes	☒ no
Other soil conditioners or amendments?	☐ yes	☒ no

Give details: **Native seeds and trees will be planted after the completion of each zone. Seeds will be distributed with trucks blowing seeds or aerial application. See Plan Narrative for additional information.**

Trees and shrubs will be planted in topsoil or in subsoil amended with generous amounts of organic matter? ☐ yes ☒ no

If yes, give details. If no, explain: **Trees and grasses will be planted on the steep hillside using existing topsoil present in adjacent zones. Topsoil will not be amended.**

Mulch will be piled around the base of trees and shrubs?	☐ yes ☒ no
High quality stock will be used?	☐ yes ☒ no
Trees and shrubs will be planted while they are dormant?	☒ yes ☐ no
Stock will be properly handled, kept cool and moist, and planted as soon as possible?	☒ yes ☐ no
Seeds will be covered with topsoil or mulch no deeper than one-half inch?	☒ yes ☐ no
If any answers are no, explain: **Trees and grasses will be planted on steep hillside. High quality stock will not be used because seeds will be either dropped from a helicopter through aerial seeding or blown out of a truck. It isn't feasible to provide high quality stock with this form of seeding. In addition, the machines needed to plant high quality stock would not be able to access the site due to the topography. In addition, no mulch will be used because no one will be on the ground to hand plant the seeds and trees. The seeds will be distributed across the site aerially.**	

28. FINAL CHECKLIST

All required maps are attached? (***See "Instructions for SM-8A" for detailed requirements.***)	☒ yes ☐ no
All required cross sections are attached? (***See "Instructions for SM-8A" for detailed requirements.***)	☒ yes ☐ no
Geologic map attached (if required)? (***See "Instructions for SM-8A" for detailed requirements.***)	☐ yes ☒ no
All documents submitted have the date, the name and address of the permit holder, and the application number?	☒ yes ☐ no
Have you completed the SM-6 and has it been signed by the local jurisdiction?	☒ yes ☐ no
Have you provided the SEPA checklist?	☒ yes ☐ no
Have you provided a copy of the SEPA determination (DNS, MDNS, or DS)?	☐ yes ☒ no
Have you attached photographs (as needed)?	☐ yes ☒ no
Are additional supplemental studies included?	☒ yes ☐ no

If yes, check the appropriate box(es) below:

☐ Archeological ☐ Geohydrologic ☐ Backfill ☒ Slope stability
☐ Topsoil ☐ Flood plain ☐ Conservational ☐ Vegetation
☐ Other

Other permits required? ☐ yes ☒ no

If yes, check the appropriate box(es) below:

☐ Shoreline Permit ☐ Water Discharge Permit ☐ Solid Waste Permit
☐ Air Quality Permit ☐ NPDS or General Discharge Permit ☐ Hydraulic Project Approval
☐ Special or Conditional Use Permit ☐ Other

APPLICATION FOR RECLAMATION PERMIT AND PLAN

IDENTIFICATION OF LANDOWNER(S)

Identify names and addresses of all landowners. Provide written evidence of landowner approval of the extraction of minerals by surface mining methods and of the reclamation plan and/or provide the signature of all landowners below. If landownership has been severed between surface and mineral rights ownership, identify all affected mineral rights owner(s) and provide their approval. *(Attach signed copies of this page if more than one.)*

Print Name(s): Parcel: 370136, 360136
Owner: Robert Dressel

Address(es): Mailing Address:
19315 99th St NW
Vaughn, WA 98394

RECEIVED
August 1, 2023
Washington Geological Survey

APPLICANT ACKNOWLEDGMENT

By signing this application, the applicant acknowledges the following:

- **Application's Information True.** The applicant verifies that all information on this application and reclamation plan is true.
- **Reclamation Plan Contents.** The applicant's reclamation plan consists of this document (SM-8A), SM-6, associated maps, cross sections, reclamation narrative, and other attachments. The department's approval of this application would reflect approval of the applicant's reclamation plan.
- **Applicant/Permit Holder Must Comply.** If the department approves this application, the applicant shall be the permit holder and shall be responsible for compliance with Chapter 78.44 RCW, Chapter 332-18 WAC, the terms and conditions of the permit, and the approved reclamation plan and attachments. ***The permit holder shall comply with the permit and may not significantly deviate from the reclamation plan without prior written approval by the department for the proposed change.*** Revised permits or modified plans might be necessary following significant deviations.
- **Applicant/Permit Holder Consents to Inspection.** All permitted surface mines are subject to regular inspection. See RCW 78.44.161 and WAC 332-18-050. The applicant verifies that it has authority to consent to department inspections on behalf of itself and the landowner(s). ***Applicant authorizes the department to enter and inspect any property covered by this application during any day or time determined necessary by the department to ensure compliance with the Surface Mining Act, Surface Mining Rules, the Reclamation Permit, and the Reclamation Plan.***

APPLICANT Signature of surface mine permit applicant or applicant's company representative	Name and Title of Company Representative (Please print)	Date signed
Robert Dressel	Robert W Dressel Jr owner	4-11-23

LANDOWNER(S)

As landowner, I Robert W Dressel Jr (name) authorize the applicant to extract minerals from my land using surface mining methods and I approve this reclamation plan.

Signature: Robert Dressel Date signed: 4-11-23

FOR DEPARTMENTAL USE ONLY

Date accepted	Accepted by:	Title:	Reclamation Permit No.

06/23/2023

Civil Engineers

Structural Engineers

Landscape Architects

Community Planners

Land Surveyors

Neighbors

Nicole Damer
Reclamation Geologist & Plan Specialist
Washington Department of Natural Resources

Project: Peoh Point Rock Quarry, AHBL No. 2220480.10
Subject: Peoh Point Rock Quarry Informational Report

Dear Nicole:

The following is an informational report for the proposed Peoh Point Rock Quarry project. The intent of the report is to provide additional background information to supplement Form SM-8A: Application for Reclamation Permit and Plan. The project proposes to surface mine the existing talus rock material located on the steep hillside on the southern side of the project site as well as pockets located throughout the BPA easement on the north side of the site. The rock material will then be hauled off site and delivered to contractors or other project sites that will use the material for construction improvements. It is anticipated that the majority of the material will be used for rocker walls, erosion control and land reclamation projects The mining operation is expected to last for 50+ years and operate from May-October annually.

RECEIVED
June 28, 2023
Washington Geological Survey

SPOKANE

601 West Main Avenue
Suite 305
Spokane, WA 99201-3904
509.252.5019 TEL

www.ahbl.com

Table of Contents

1.0 Project Overview

1.1 Purpose and Scope

Peoh Point Rock Quarry is located in the Northeast and Northwest ¼ of Section 10, Township 19N, Range 15E, in Kittitas County just outside of Cle Elum, Washington. The project site is approximately 100 acres on two parcels: Parcel No. 360136 and 370136. The site is accessed via a private drive off Upper Peoh Point Road. The private drive passes through five separate parcels before connecting to the project site. Parcels 10989,10990, 10991, 104636, and 145734 are not a part of the proposed project. Existing access easements provide legal access from the public right-of-way to the proposed site. Please refer to the attached Deeds for record of existing access. The intent of the project is to surface mine existing talus rock off of the property and then haul the rock offsite for future use.

1.2 Existing Conditions

1.2.1 Existing Conditions and Geology

There is an existing talus rock formation on a steep hillside on the southern half of parcels 360136 and 370136. There is limited vegetation located on the steep hillside. Pockets of evergreen trees and other vegetation border the rocky hillside. The northern half of parcels 360136 and 370136 is relatively less steep and the vegetation consists of small shrubs and grasses. This portion of the site is covered by an existing BPA easement and the vegetation is intentionally maintained at a low profile to comply with the easement language. There will be approximately 49 acres of dense forestry that will remain undisturbed on parcel 360136 and 370136. Please see the Geotechnical Report prepared by GN Northern for additional geological information.

As previously mentioned, the northern half of parcels 360136 and 370136 contain an existing 600’ wide BPA power easement. There are a series of existing gravel roads throughout the site that provide access to all locations of the property. These roads will be maintained throughout the project. In addition, there are existing transmission towers throughout the northern half of the parcels that will remain undisturbed with a 50’ buffer zone surrounding each tower.

1.2.2 Topography and Drainage

The existing ground slopes from south to north. Existing native site slopes typically range from 15% to 60%. Portions of the subject property lie within the Kittitas County designated Geologically Hazardous Area Map, with selected areas mapped for steep slopes and erosion hazards. Please refer to the Geotechnical Report prepared by GN Northern for additional topographic information and slope stability analysis.

The parcels currently drain from the steep hillside on the south side of the parcels to the north and infiltrate into the existing ground. There are two mapped natural drainage ways located on the property. See section 1.2.3 for additional information.

1.2.3 Critical Areas

Parcel 360136 has an existing Type 9 (U) stream passing through it. The project proposes to maintain a 150’ buffer around the stream to limit the impact to existing drainage and protect against potential erosion.

Parcel 370136 has an existing Type 4 (N) seasonal stream passing through it, and we propose to maintain a 100’ buffer around this stream to limit the impact to existing drainage patterns and protect from any potential erosion.

2.0 Mining Methodology

2.1 Mining Process

The proposed project entails surface mining of the talus rock formation on the southern half of the property on parcels 360136 and 370136. Talus rock will be removed from the surface and hauled off in trucks. A large majority of the material is on the surface of the existing hillside, but the permit will cover excavation of up to 23' below the existing surface. Pending permits, the mining operation is anticipated to begin in the Spring/Summer of 2023. The total quantity of material to be mined over the life of the mine is estimated to be approximately 393,175 cubic yards. It is anticipated it will take more than 50 years to mine this amount of material with a production of approximately 10,000-20,000 cubic yards per year. The mining operation will be seasonal due to weather and is estimated to occur between May and October.

The property has been split up into five different zones. The intent is to mine all the available material in one zone before moving on to the next zone. Following the mining operation of each zone, it will be reestablished in a similar fashion to match existing conditions.

As previously mentioned, we are proposing to keep the existing access roads leading up the different zones. Zones 1-4 are relatively steep with existing slopes ranging from 1.5H:1V to 2H:1V. We propose to cut into the hillside at slopes ranging from 5H:1V to 1.85H:1V in order to generate more material. Please refer to the proposed cross sections included in the plans. Please also refer to the project geotechnical report prepared by GN Northern supporting the proposed grading and confirming slope stability.

In zone 5, we propose slopes ranging from 2H:1V to 50H:1V. The intent is to cut into the hillside in between the existing access roads while maintaining a 50' buffer around the existing electrical towers.

It is estimated that a total of 45 acres will be disturbed for the mining operation. Zones 1-4 will have approximately 15 acres disturbed, and Zone 5 will have approximately 30 acres of land disturbed. The remaining 55 acres within the permit boundary will be undisturbed due to proposed buffers, 30' setback, and areas of heavily dense forestry to be untouched.

2.1.1 Clearing and Grubbing

As mentioned above, the mining process will mine the entirety of each zone before moving onto the next zone. Clearing and grubbing will occur before surface mining of each zone to ensure the existing gravel roads are free of obstructions for the trucks to access the talus rock. Any available topsoil will be removed and stockpiled on a neighboring zone. Due to existing conditions very little topsoil is anticipated on zones 1-4. After the completion of mining operations on a specific zone, reclamation will occur on that zone prior to disturbing land on a subsequent zone. Each zone will be planted as detailed in the SM-8A application to restore the disturbance. The zone will be left free of any debris or trash from the mining operations.

2.1.2 Tree Protection

An effort will be made to limit the removal of existing trees, but a percentage of the trees will need to be removed to facilitate the mining operation. As stated earlier, approximately 49 acres of dense forestry will remain undisturbed.

2.1.3 Staging Area

An approximate 0.2 acre staging area is proposed in Zone 5E just off the existing access road in the BPA easement (along the eastern boundary of parcel 370136). The staging area will be used

for storing construction equipment only; no mined aggregate material will be stored on site. As previously mentioned, all aggregate material will be hauled off site following mining operations.

3.0 Stormwater and Erosion Control Plan

3.1 Source Control BMPs and Runoff Conveyance and Treatment BMPs

The project site will utilize multiple best management practices (BMP) to ensure the site is protected against wind and water erosion during grading activities. Per the 2019 *Stormwater Management Manual for Eastern Washing* (SWMMEW), the site will use the following BMP measures:

BMP C101E: Preserving Natural Vegetation

BMP C102: Buffer Zones

Appropriate buffer zones will be maintained around existing streams on site to protect from sediment. In addition, a 30' reclamation buffer around the entire project site is provided.

BMP C120E: Temporary and Permanent Seeding

Following the mining operation of each zone, the disturbed area will be planted and seeded to promote revegetation.

BMP C130E: Surface Roughening

In areas of topsoil (primarily zone 5), disturbed area will undergo surface roughening to minimize wind and water erosion.

BMP C235E: Wattles

Wattles will be placed on the downhill side of the access roads to help minimize sedimentation from moving further down the hill or off site.

Per the geotechnical report, near surface soils will be susceptible to wind and water erosion during grading operations. We are proposing to use the BMPs listed above for erosion and runoff control methods. No stormwater system, outside of the BMP measures listed above, will be installed on site. The proposed drainage patterns will closely match the existing drainage patterns.

4.0 Reclamation Plan

4.1 Topsoil

As mentioned above, the site has been divided into five zones. Based on existing conditions we do not anticipate significant topsoil stockpiles being utilized for zones 1 through 4 due to the minimal vegetation present in those zones. However, if any significant topsoil is removed during the mining of zones 1 through 4, a temporary stockpile will be created in the adjacent zone that is not undergoing mining activity. Topsoil from zone 1-4 will be moved during dry conditions if it is determined that the topsoil needs to be restored and respread to promote revegetation during the reclamation process. In addition, if topsoil in zone 1-4 is in short supply, it will be strategically placed to conserve moisture and promote vegetation.

Zone 5 will likely have topsoil to be removed. During the mining of zone 5, a temporary topsoil stockpile will be stored nearby in an undisturbed area. The topsoil will be moved during dry

conditions. If the topsoil is in short supply, it will be strategically placed to conserve moisture and promote revegetation.

Following the completion of mining in each zone, the topsoil removed during the process will be placed back onto the corresponding zone to promote reclamation of disturbed areas.

4.2 Stabilization

The Geotechnical Report performed by GN Northern, included a slope stability analysis, and provided recommended quarry slope gradients for adequate slope stability of the hillside. We are proposing slopes that fall in the range of the recommended slope gradients in order to ensure the slopes following mining operations remain stable. In addition, any stripped topsoil within the five zones will be placed back onto the existing zone to promote erosion control stability and revegetation.

4.3 Planting Intent

Following the completion of each zone, revegetation will be performed to match existing conditions as much as possible. Revegetation will include native trees and grasses in in zones 1-4. Some portions of the slopes in zones 1-4 will be left unvegetated to match the existing talus slope conditions. However, wattles and berms will be proposed on the downside of the roads to help with erosion control measures. Zone 5 does not contain any trees because of the existing BPA easement running through it. Therefore, zone 5 will be revegetated with native grasses and plants only. The seeding will be distributed via aerial application or blown out of a truck.

5.0 Proposed Subsequent Use

The mining operations are projected to last beyond 50 years. Following the completion of the mining operation, the proposed subsequent use will remain as open space / designated forest land which will match the existing conditions.

AHBL, Inc.

Sarah Price, PE
Project Engineer

SBP/

June 2023

Q:\2022\2220480\10_CIV\NON_CAD\REPORTS\Working Rpt(Narrative Cle Elum) 2220480.10.docx

Recorded in the County of Kittitas, WA
Beverly M. Allenbaugh, Auditor
9.00
199605080002 11:16am 05/08/96
001 10001625 01 04
M01 1 1701 7.00 2.00

Filed for Record at Request of

AFTER RECORDING MAIL TO:

RE EXCISE TAX PAID
Amount $711.45
Date 5/5/96
Affidavit No. 1703
SALLY SCHORMANN, TREAS.
KITTITAS COUNTY TREASURER
By

KET 72991

STATUTORY WARRANTY DEED

THE GRANTOR, A & N PROPERTIES, a partnership, for and in consideration of TEN AND NO/100 DOLLARS ($10.00) and other valuable consideration, in hand paid, conveys and warrants to LUMSDEN LOGGING, INC. a Washington corporation, the following described real estate, situated in the County of Kittitas, State of Washington:

Parcel 3 of that certain survey recorded June 27, 1990, in Book 16 of Surveys, page 153, under Auditor's File No. 530524, in the County of Kittitas, State of Washington, being a portion of the North half of Section 10, Township 19 North, Range 15, East, W.M. in the County of Kittitas, State of Washington.

TOGETHER WITH all water rights and irrigation ditches appurtenant thereto, if any.

SUBJECT TO all reservations, restrictions, exceptions, easements and rights of way apparent or of record.

SUBJECT TO a mineral reservation contained in instrument dated November 9, 1987 and recorded under Auditor's File No. 510240 and subsequently conveyed to Lumsden Logging, Inc., in instrument dated February 4, 1991 and recorded under Auditor's File No. 537024.

SUBJECT TO provisions of RCW 84.33 and 84.34 "classified forest land" spacial real estate taxation provisions which Purchaser acknowledges are in effect pertaining to this property and for which Purchaser agrees to assume responsibility for any penalties, taxes, interest or assessments upon removal of said property from said "classified forest land" provisions.

SUBJECT TO a Road Maintenance Agreement as disclosed under instrument dated July 6, 1994 and recorded under Auditor's File No. 531005, a copy of which Grantee acknowledges receiving and reading.

SUBJECT TO the pendency of Yakima County Superior Court Cause No. 77-2-01484-5, an action by the State of Washington, Department of Ecology v. James J. Acquavella, et al, for the purposes of securing a judgment adjudicating the relative rights of all persons diverting, withdrawing, or otherwise making use of surface waters of the Yakima River Drainage Basin. In the event that Seller/Grantor is or should be a party to the Acquavella water right litigation, all responsibility for substituting or including Purchaser/Grantee as an additional party and for prosecuting any water right claims with respect to said litigation, shall be the sole responsibility of the parties and not of the real estate agents, brokers, attorneys and/or closing agent.

DATED this 26th day of April, 1996.

LAW OFFICES OF
BRIAN FREDERICK, P.S.
606 NORTH MAIN • PO BOX 858
ELLENSBURG, WASHINGTON 98926
TELEPHONE (509) 925-9600
FAX (509) 925-9606

The property subject to this deed is begin sold as acreage, as is, in its present condition. Seller makes no representations of any type regarding the physical condition of the property, its resubdivsion or future value, or any improvements which may be situated thereon. Grantor makes no representations regarding the on-site location of the exterior boundaries of said property or regarding the availability of building permits or public utilities to serve the property. Further, grantor shall have no obligation to construct easement roads or maintain road drainage, or physical improvements of any type on or off of said property in connection with this transaction.

The parties hereto mutually declare and encumber the subject property with an easement and covenant for the maintenance and future repair of the easement road serving the Mt. Peoh Acre II. The North one-half of the North one-half, Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, Washington. It is hereby agreed and declared that each property owner shall pay the following percent of the total expense for the maintenance and repair of the easement Road No. R as follows: Parcels 1 and 2 (30 plus acres) shall pay 18% each; Parcels 3 and 4 (50 plus acres) shall pay 32% each.

Easement Road No. R 60 feet in width beginning at the West section line and ending at the East section line of Section 10, Township 19 North, Range 15 East W. M., Kittitas County, Washington, as recorded under Auditor's File No. 530524 dated June 27, 1990. It is understood that this easement shall provide a route of ingress, egress and a route for installation of underground utilities.

Easement Road No. S shall provide a route of ingress, egress and a route for installation of underground utilities to serve only Parcel 1 and the Southwest quarter (SW 1/4) of the Northwest Quarter (NW 1/4) of Section 10, Township 19 North, Range 15 East W. M., Kittitas County, Washington. Recorded under Auditor's File No. 530524 dated June 27, 1990.

It is understood and agreed that easement roads are not county roads and no unit of government has any responsibility as to the construction, maintenance or repair of said roads.

It is understood and agreed that the subject property is classified as designated forest land as provided for by the Washington Forest Tax Law, Chapters 84:33 and 84:34 R. C. W. and any tax, interest or penalties for removal of the same are the responsibility of grantee.

DATED this 12th day of February, 1991.

A & N PROPERTIES, a Partnership

Carl A. Niese
CARL A. NIESE

Rosemary Niese
ROSEMARY NIESE

Thomas D. Anderson
THOMAS D. ANDERSON, Individually and as Attorney in Fact for MARILEE J. ANDERSON

Law Offices of
CONE, GILREATH, ELLIS, COLE & KORTE
105 East First Street • P.O. Box 337
Cle Elum, Washington 98922
Telephone (509) 674-5501
Fax (509) 674-2135

KITTITAS COUNTY AUDITOR
FILED FOR RECORD AT THE REQUEST OF
1991 FEB 22 PM 3:22

537311

RE EXCISE TAX PAID
Amount 688.50 9.00
Date 2-22-91
Affidavit No. 31442
SALLY SCHORMANN, TREAS.
KITTITAS COUNTY TREASURER
By L. Oliphant

STATUTORY WARRANTY DEED

THE GRANTOR, A & N PROPERTIES, a partnership, for and in consideration of TEN AND NO/100 ($10.00) DOLLARS, in hand paid, conveys and warrants to LUMSDEN LOGGING, INC., A Washington corporation, as grantee, the following described real estate, situated in the County of Kittitas, State of Washington:

Parcel 4 of that certain survey as recorded June 27, 1990 in Book 16 of Surveys at pages 153, under Auditor's File No. 530524, records of Kittitas County, State of Washington:

Being a portion of the Northeast Quarter of Section 10, Township 19 North, Range 15 East, W. M., records of Kittitas County, State of Washington.

TOGETHER WITH easement "R" as delineated on that certain survey recorded June 27, 1990 in Volume 16 of Surveys at page 153, under Auditor's File No. 530524, records of Kittitas County, State of Washington;

Being across a portion of the North Half of Section 10, Township 19 North, Range 15 East, W. M., records of Kittitas County, State of Washington; which easement is for the purpose of ingress, egress and underground utilities.

INCLUDING improvements and appurtenances, but subject to restrictions, reservations, easements and rights of way apparent or of record if any.

SUBJECT TO: Easement for transmission line as recorded under Kittitas County Auditor's File No. 166290; easement for transmission line as recorded under Kittitas County Auditor's File No. 230753; easement for a pipeline in favor of John Forepohar, Jr., as recorded under Kittitas County Auditor's File No. 237083; easement for non-exclusive easement and right of way not exceeding 30 feet in width in order to use and repair an existing road as recorded under Kittitas County Auditor's File No. 268962; an easement for transmission line as recorded in Volume 117, page 45 records of Kittitas County Auditors' the survey lines of said rights of way being described in that certain easement deed dated may 1, 1952 recorded in Volume 89 page 442 and that easement deed recorded in Volume 64 page 9 and easement deed recorded in Volume 64 page 486 records of said county; an easement for pipeline as recorded under Kittitas County Auditor's File No. 356403; reservations contained in deed reserving oils, gases, coal, fossils, metals and minerals as recorded under Kittitas County Auditor's File No. 510240; an easement for incidental purposes for a 60 foot strip of land as delineated on said Survey and is known as Easement "R" recorded under Kittitas County Auditor's File No. 531005 for the purpose of ingress, egress and underground utilities; pendency of Yakima County Superior Court Cause No. 77-2-01484-5, State vs. Acquavella, et al., as the same pertains to water rights;

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Telephone (509) 674-5501
Fax (509) 674-2435

VOL 319 PAGE 1689

J. PTC

537024

KITTITAS COUNTY AUDITOR
FILED REQUEST OF: PTC

Filed for Record at Request of 1991 FEB 11 AM 11:00

RE EXCISE TAX PAID
Amount 22.95
Date 2-11-91
Affidavit No. 31395
SALLY SCHORMANN, TREAS.
KITTITAS COUNTY TREASURER
By E. [illegible]

QUIT CLAIM DEED

THE GRANTOR, POPE & TALBOT, INC., a Delaware corporation, for and in consideration of TEN AND NO/100 DOLLARS ($10.00) and other valuable consideration, in hand paid, conveys and quit claims to LUMSDEN LOGGING, INC., a Washington corporation, all of its rights to all oils, gases, coal, fossils, metals and minerals of every name and nature, also sand and gravel in commercial quantities, which may be in or upon the below described land or any potion thereof, with the right of entry upon said land to prospect and explore for and also to take, mine and remove the same, provided, the Grantee, its successors and assigns, shall be reasonably compensated for all damage done to the surface of said land and the improvements thereon in carrying on of any such operations, located in, under or upon the following described real estate, situated in the County of Kittitas, State of Washington,

TO WIT:

North 1/2 of the North 1/2 of Section 10, Township 19 North, Range 15 East, W.M. in the County of Kittitas, State of Washington.

DATED this 4th day of February, 1991.

POPE & TALBOT, INC.

Donald R. Berry, Vice President

Dennis E. Bunday, Assistant Secretary

STATE OF OREGON)
) ss
County of Multnomah)

On this day personally appeared before me DONALD R. BERRY and DENNIS E. BUNDAY, known to me to be the Vice President and Assistant Secretary of POPE & TALBOT, INC., the corporation that executed the within and foregoing instrument and acknowledged that they signed the same as their free and voluntary act and deed of said corporation for the uses and purposes therein mentioned, and on oath stated that they were authorized to execute the same, and that the seal affixed is the corporate seal of said corporation.

GIVEN under my hand and official seal this 4th day of February, 1991.

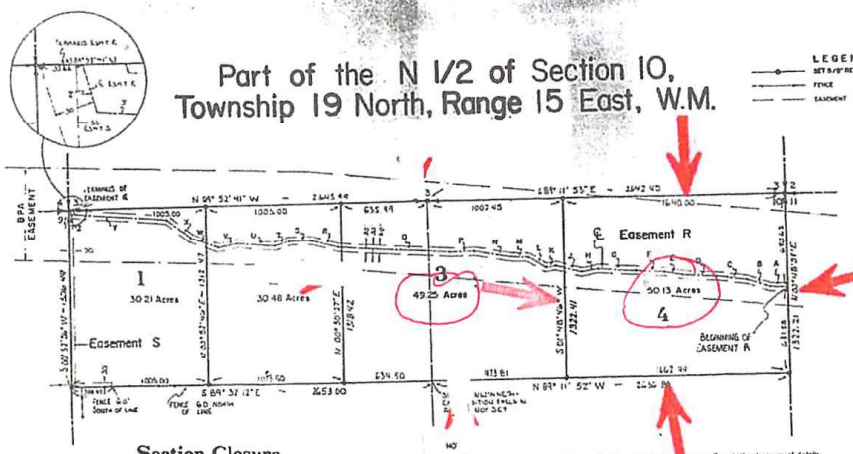
NOTARY PUBLIC in and for the State of Oregon, residing at Portland.
My commission expires: 4/03/93.

PTC-OK-14441-017

VOL 319 PAGE 1235

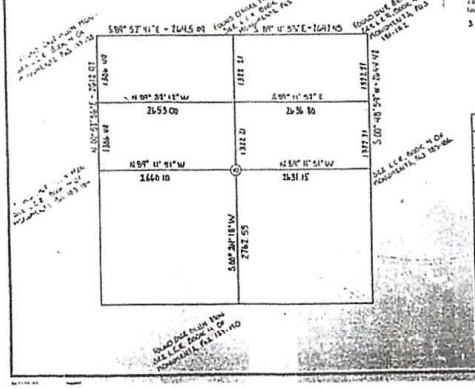
530524

Part of the N 1/2 of Section 10, Township 19 North, Range 15 East, W.M.



Section Closure

CORNERS VISITED JUNE OF 1990 UNLESS OTHERWISE NOTED



NO

1. All easements affecting the subject property shown hereon are as shown. For additional easement details see Pioneer Title Company Preliminary Commitment for Title Insurance No. CK-12714-E.

2. This survey was performed using a Topcon GTS-3C total station. The controlling monuments and property corners shown hereon were located, staked and checked from a closed field traverse in excess of 1:10,000 linear closure after azimuth adjustment.

3. The basis of bearings shown hereon is the Washington Coordinate System

EASEMENT R		
LINE	BEARING	DISTANCE
A	N 86°34'18" W	122.80
B	N 71°58'49" W	101.86
C	N 80°29'57" W	233.50
D	N 88°27'19" W	266.58
E	N 78°54'00" W	126.33
F	N 85°40'43" W	196.00
G	N 84°30'06" W	281.87
H	S 81°43'49" W	121.30
J	N 73°36'31" W	194.88
K	S 78°41'23" W	74.86
L	N 88°24'06" W	156.18
M	N 89°12'06" W	131.63

EASEMENT R		
LINE	BEARING	DISTANCE
N	N 77° 46'33" W	264.77
P	N 89° 07'52" W	188.49
Q	N 86° 11'06" W	818.30
R	N 71° 02'09" W	200.96
S	N 89°50'07" W	188.33
T	S 72° 25'47" W	110.86
U	N 84°36'59" W	201.05
V	S 78°55'39" W	142.62
W	N 70° 47'17" W	209.45
X	N 51° 45'20" W	223.23
Y	N 84°26'10" W	677.43
Z	N 27°33'35" W	27.28

LEGAL DESCRIPTIONS

ORIGINAL PARCEL - A.F.N. 523891

PARCEL 1

Parcel 1 of that certain survey as recorded June 27, 1990 in Book 16 of Surveys at page(s) 152, under Auditor's File No. 530524, Records of Kittitas County, Washington, being a portion of the Northwest Quarter of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, Washington

PARCEL 2

Parcel 2 of that certain survey as recorded June 27, 1990 in Book 16 of Surveys at page(s) 153, under Auditor's File No. 530531, Records of Kittitas County, Washington, being a portion of the Northwest Quarter of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, Washington

PARCEL 3

Parcel 3 of that certain survey as recorded June 27, 1990 in Book 16 of Surveys at page(s) 154, under Auditor's File No. 530537, Records of Kittitas County, Washington, being a portion of the North Half of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, Washington

PARCEL 4

Parcel 4 of that certain survey as recorded June 27, 1990 in Book 16 of Surveys at page(s) 155, under Auditor's File No. 530524, Records of Kittitas County, Washington, being a portion of the Northwest Quarter of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, Washington.

EASEMENT R

Easement R as delineated on that certain survey recorded Jun 27, 1990 in Book 16 of Surveys at page(s) 153, under Auditor's File No. 530531, Records of Kittitas County, Washington, being across a portion of the North Half of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, WA; affecting Parcels 1, 2, 3 and 4 of said survey

EASEMENT S

Easement S as delineated on that certain survey recorded June 27, 1990 in Book 16 of Surveys at page(s) 155, under Auditor's File No. 530524, Records of Kittitas County, Washington, being across a portion of the North Half of Section 10, Township 19 North, Range 15 East, W.M., Kittitas County, WA; affecting Parcel 1 of said survey

AUDITOR'S CERTIFICATE

Filed for record this 27 day of June, 1990, at 9:53 A.M., in Book 16 of Surveys at page(s) 155 at the request of CRUSE & NELSON

BEVERLY M. ALLEN/MARION by [signature]
KITTITAS COUNTY AUDITOR

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of Cost Issue in June of 1990.

[signature]
CHARLES A. CRUSE, Jr.
Professional Land Surveyor
License No. 10078
June 27, 1990
DATE

CRUSE & NELSON
PROFESSIONAL LAND SURVEYORS
217 East Fourth Street P.O. Box 959
Ellensburg, WA 98926 Ph. (509) 925-4747

Niese Property

RWJ 02/23/2021

Authentisign ID: B8B83847-D562-4E95-89AC-34F93607153E