



MULTNOMAH COUNTY  
LAND USE & TRANSPORTATION PROGRAM  
1600 SE 190<sup>TH</sup> Ave, Suite 116, Portland OR 97233  
Ph. 503.988.3043 Fax 503.988.3389  
www.co.multnomah.or.us/landuse

**NSA  
Road/Utility  
Expedited  
Application**

1:34PM 000001 #2890  
0012 NANCY  
PERMITS-TYPE 1 \$100.00  
PERMITS-TYPE 1 U-100.00  
PERMITS-TYPE 1 10.00  
For Staff Use

### PROPERTY

Nearest Address Exit 41, I-84 (MP. 41.86) Nearest Cross Street Eagle Creek Ln.

### PROPOSED DEVELOPMENT (check all that apply)

- ☐ Road Closure Gates Length \_\_\_\_\_ Height \_\_\_\_\_ ft
- ☐ New traffic detection devices, vehicle weighting devices, or signal boxes. (Does not include signs) Size \_\_\_\_\_ (120 sf max) Height \_\_\_\_\_ ft (12 ft max)
- ☐ New guardrails, guardrail ends, wire strand or woven wire access control fences.
- ☐ Air, weather, water or similar research & monitoring facility attached to existing structure Size \_\_\_\_\_ (120 sf max) Height \_\_\_\_\_ ft (12 ft max)
- ☐ New underground utility facility located inside road, utility, or railroad rights-of-way or previously disturbed easement. Ditch Width \_\_\_\_\_ (36 in max)  
Amount of excavation for non-linear facilities \_\_\_\_\_ (20 cubic yds. Max)
- ☒ Trail Reconstruction. May include up to 1,000 foot reroute.
- ☐ Decommission non-paved road: Includes ripping road surface, barriers, revegetation
- ☐ Develop new or modify existing aboveground/overhead utility facilities  
Size \_\_\_\_\_ (120 sf max) Height \_\_\_\_\_ (12 ft. max)
- ☐ Replace existing aboveground/overhead utility facilities in the same location and no more than 15% larger than the existing facilities.
- ☐ New antennas/support structures necessary for public service on existing wireless communication poles and towers if size is minimum necessary to provide the service.
- ☐ Outdoor lights ☒ Other: Rockfall removal, hazard tree removal

### APPLICANT

Name Kristen Stallman Phone 503-731-4957  
Mailing Address 123 NW Flanders St. Fax 503-880-2446  
City Portland State OR Zipcode 97209 e-mail kristen.stallman@odot.state.or.us

### OWNER (if work is to occur on private property)

Name Larry Olson, ODOT Dist. 2B Maintenance Phone 503-665-4514  
Address 999 Frontage Rd., Ste. 250 City Troutdale State OR Zipcode 97060

I authorize the applicant to make this application.

Kristen Stallman

Property Owner Signature

If no owner signature above, a letter of authorization from the owner is required. ☐

NOTE: By signing this form, the property owner or property owner's agent is granting permission for Planning Staff to conduct site inspections on the property.

NSA Expedited Application\_road

CASE  
NUMBER  
122012-2265  
State ID #  
ZN7E 22  
Alt Acct. #  
Eagle Ck Area  
DATE  
SUBMITTED  
4/18/12  
ZONING  
\_\_\_\_\_  
MCC CITATION  
(For Qualifying Use)  
\_\_\_\_\_  
Related Case No  
\_\_\_\_\_  
Open UR/ZV  
\_\_\_\_\_

rev. 5/16/2008

**Work in Road  
Rights-of-Way**

Type:

- ☒ State  
☐ County  
Permit#  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Instructions for applicants:

The checklist below asks you to confirm facts or conditions related to the subject property and your proposal. The numbered paragraphs in bold represent code requirements or criteria for development in the National Scenic Area (NSA). Those criteria are addressed when you check a box below each numbered paragraph. By checking a box, you are confirming that the corresponding statement applies to your project. Staff concurrence is indicated by initials in the boxes along the right column of this form. Please ensure that you check a box under every numbered paragraph or staff will not be able to process this application under the Expedited Review Process.

### Scenic Resources

1. Any application involving Interstate 84 must first be reviewed for consistency with the I-84 Corridor Strategy by the ODOT lead I-84 Strategy Team.

Staff initial:

HP

☐ This application does not involve Interstate 84. *The I-84 Corridor Strategy does not apply.*

☒ This application does involve Interstate 84. The proposal has been reviewed for consistency with the I-84 Corridor Strategy by the I-84 Strategy Team. *The proposal is consistent with the I-84 Corridor Strategy.*

Attach agency  
confirmation

2. The colors of structures topographically visible from key viewing areas shall be dark earth-tones found at the specific site or the surrounding landscape. The specific colors or list of acceptable colors shall be included as a condition of approval. This guideline shall not apply to additions, which may match the color of existing buildings. (see [Appendix A, Comment #2](#))

Staff initial:

NA HP

☐ The application is for an addition to or modification of an existing structure, or placement of a new structure on land that is not topographically visible from a Key Viewing Area (KVA). The KVA(s) the structure is visible from are \_\_\_\_\_. The attached site plan illustrates how the structure is topographically screened from these KVA(s). *This criterion has been met.*

See NSA  
Handout #4:  
Expedited  
Development  
Review  
Process, for  
list of KVAs

Note to applicant: Show on the site plan the location of the terrain feature or landform that screens the structure with arrows identifying the vantage point from which the site is viewed from the KVA(s).

Attach plan

☐ The application is for an addition to or modification of an existing structure, or placement of a new structure on land that is topographically visible from one or more key viewing areas. As shown in the attached color chip and site photograph, the above ground portion of the structure will be dark earth tones that are found at the site or surrounding landscape. *This criterion has been met.*

Attach color  
chip(s) &  
photo(s) of  
structure &  
surrounding  
landscape

3. Structures topographically visible from key viewing areas shall use low or non-reflective building materials.

Staff initial:

NA HP

☒ The application does not involve a structure that is topographically visible from a key viewing area. *This criterion has been met.*

☐ The application includes structure(s) that are topographically visible from one or more key viewing areas. As shown in the attached samples, the above ground portions of the proposed structure(s) will use low or non-reflective building materials. *This criterion has been met.*

*Attach  
building  
material  
samples*

4. Outdoor lights shall be directed downward and sited, hooded, and shielded such that they are not highly visible from key viewing areas. Shielding and hooding materials shall be composed of non-reflective, opaque materials.

Staff initial:  
NA MP

☒ The application does not include outdoor lights. *This criterion is not applicable.*

☐ The application includes outdoor lights. As shown in the attached specification sheet, the proposed lights will be hooded and shielded and are composed of non-reflective, opaque materials. A site plan and/or elevation drawings shows the location of the lighting. Based on these drawings the lighting will not be highly visible from key viewing areas. *This criterion has been met.*

*Attach spec  
sheet here*

5. Structures within 1/2-mile of a key viewing area and topographically visible from the key viewing area shall be sited, screened and/or designed to achieve the applicable scenic standard (e.g., visual subordination, not visually evident).

Staff initial:  
MP

☒ The application does not involve a structure that is within 1/2-mile of and topographically visible from a key viewing area. *This criterion is not applicable.*

☐ The application includes structure(s) that are within 1/2-mile of and topographically visible from (a) key viewing area(s). As shown on the attached site plan, and exterior architectural elevations or rendered photo, the proposed structure(s) will be sited, screened, and/or designed so that it achieves the standard of: ☐ visual subordination, or ☐ not visually evident

*Attach  
elevations or  
photo of  
structure*

Explain how standard is achieved.

The proposed project does not include any structures, and the remaining rocks, while visible from I-84, will look natural upon completion of the project.

*See NSA  
Handout #5:  
Designing  
for Approval*

*This criterion has been met.*

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## Recreation Resources

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**6. The development shall not detract from the use and enjoyment of established recreation sites on adjacent parcels.**

- ☐ The attached site plan labels the uses on adjacent parcels. There is no established recreation site on an adjacent parcel. *This criterion is not applicable.*
- ☒ The attached site plan labels show that the property is adjacent to at least one established recreation site, but does not detract from the use and enjoyment of the site. The proposed development will not generate noise, dust, or odors at levels significant enough to impact the use. Also, the site plan shows that the proposed development would not interfere with access to the adjacent recreation site(s). *This criterion has been met. (see Appendix A, Comment #2)*

Staff initial:

BP

*Label  
adjacent  
uses on  
attached  
site plan*

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## Cultural Resources

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**7. The expedited development review process shall only be used to review proposed development that does not require a reconnaissance survey or historic survey.**

Staff initial:

BP

Note to applicant: If an Indian tribe sends a letter in response to the application indicating that the proposal affects a treaty right or cultural resource, then the application can not be reviewed using the expedited development review process.

### Reconnaissance Survey

Proposed development does not require a reconnaissance survey if it meets any of the following (check at least one that applies):

- ☐ Is limited to the modification, expansion, replacement, or reconstruction of existing buildings and structures.
- ☐ Will not disturb the ground (e.g. new overhead wires on existing poles)
- ☒ Occurs on a site that was previously disturbed by human activities where the depth and extent of the grading does not exceed prior ground disturbance.
- ☐ Involves minor ground disturbance, as defined by depth and extent (e.g. fence construction, installation of new meter, etc.)

*Show area  
and type of  
disturbance  
on plan*

Width \_\_\_\_\_ x Length \_\_\_\_\_ x Depth \_\_\_\_\_

Note to applicant: The project will not qualify for expedited review if the Gorge Commission disagrees that the activity results in minor disturbance.

- ☒ Occurs on a site that has been adequately surveyed in the past, or has been identified by the Gorge Commission, USFS Archaeologist, or private archaeologist as having a low probability of containing cultural resources.

*Attach survey*

*This criterion has been met.*



## Historic Survey

A historic survey is not required for the following activities (check at least one):

- ☒ There are no structures 50 years old or older on the property.
- ☐ There is/are structures 50 years old or older; however, the application does not alter the structure(s), nor does it compromise features of the surrounding area that help define the historic character of the structure(s).

*This criterion has been met.*

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## Natural Resources

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**8. The development is outside buffer zones for wetlands, streams, rivers, ponds, and lakes. This guideline shall not apply to development located inside road, utility or railroad rights-of-way or easements that have been previously disturbed and regularly maintained.**

- ☒ The proposal is for development located inside road, utility or railroad rights-of-way or easements that have been previously disturbed and regularly maintained. *This criterion is not applicable.*

- ☐ As shown on the attached site plan, proposed development is outside buffer zones for wetlands, streams, rivers, ponds, and lakes. *The criterion has been met.*

**9. The development will not adversely impact sensitive wildlife or plant species or is at least 1,000 feet from known sensitive wildlife areas or sites (excluding sensitive aquatic species, deer winter range, and turkey habitat) and known sensitive plants. This guideline shall not apply to development that does not disturb the ground or is located inside road, utility or railroad rights-of-way or easements that have been previously disturbed and regularly maintained.**

- ☐ As shown on the attached site plan and confirmed by planning staff, the proposed development is over 1,000 feet from known sensitive wildlife areas or sites (excluding sensitive aquatic species, deer winter range, and turkey habitat) and known sensitive plants. *This criterion has been met.*

- ☒ The proposed development does not disturb the ground or is inside road, utility or railroad rights-of-way or easements or other areas that have been previously disturbed and regularly maintained. *This criterion is not applicable.*

- ☐ Although proposed development is within 1,000 feet of a known sensitive wildlife area or site, the Oregon Department of Fish and Wildlife (for GMA lands) or U.S. Forest Service (SMA lands) has determined that the area or site is not active, that development will not compromise the integrity of the wildlife area or site, or that development will not occur during a time of year that the wildlife species are sensitive to disturbance.

- ☐ Although proposed development is within 1,000 feet of known sensitive plants, a representative of the Oregon Natural Heritage Program or an expert

Staff initial:

HP

*Show rights-of-way or easement boundary on site plan*

Staff initial:

HP

*See land use staff for agency contacts*

*Attach agency confirmation*

in botany or plant ecology has determined that development will not occur within 200 feet of a sensitive plant species.

### NOTICE OF PRELIMINARY DECISION

In accepting this application for expedited review, the Planning Director is granting preliminary approval of the development. The Gorge Commission, U.S. Forest Service, Indian tribal governments, and property owners within 750 feet of the subject tract will be given 14 days to provide comments. If no comments are received, the decision shall become final at the close of business on the 14<sup>th</sup> day. If substantive written comments are submitted, the Planning Director will either modify the decision to address the comments and re-issue it for a 14-day appeal period or re-direct the application to full review if comments establish that the proposed development is not eligible for expedited review.

Comments must be directed to the applicable approval criteria. Those in **bold** above are listed in §38.7100 of the County code. Failure to provide comments during the comment period will preclude a right to appeal.

#### Conditions/Limitations of Approval

1. If, during construction, cultural or historic resources are discovered, the applicant/owner shall immediately cease development activities and inform the Multnomah County Land Use Planning Division, Columbia River Gorge Commission, and the U.S. Forest Service of any discovery pursuant to MCC 38.7045(L) & (M), or MCC 38.7050(H) as applicable. Once halted, construction activities shall not resume until these standards have been satisfied.
2. Approval of this land use permit is based upon the statements made in this application and attached materials. No work shall occur under this permit other than that which is specified in these documents.
3. Development of structures must be commenced within 2 years of the date of this decision, and completed within 2 years of the date of commencement. The property owner may request an extension of either of these timeframes, as provided in MCC 38.0700. Such a request must be made prior to expiration of the permit.

This decision is final at the close of the comment period unless comments are received. If no comments are received, the effective date of the decision is 5/4/12.

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#### FOR STAFF USE

At close of the comment period (check one that applies):

- ☐ No substantive written comments were received. The decision is final.
- ☐ Substantive written comments were received. The Planning Director will issue a letter addressing the comments and may modify this preliminary decision.
- ☐ Written comments were submitted showing that the proposed development is not eligible for expedited review. The project will be reviewed using the full development review process.

Staff initial:

Date:

Any comments received are included in the County records for this application.

☐ Fill out NSA DR Database Form for Gorge Commission and include copy with file.

## Appendix A:

**Comment #1:** The proposed project does not include any structures, and the rocks that will remain exposed after completion of the project, while visible from I-84, will have a natural appearance. The existing rock catchment fence will be restored to its pre-rockfall appearance.

**Comment #2:** The HCRH State Trail is a recreational resource adjacent to the project area. This Trail is currently closed due to the rockfall, and will remain closed during the project. The completion of the project will allow this Trail to reopen once more.

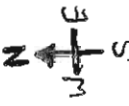


# Eagle Creek Rockfall

Vicinity Map-Aerial (Appendix B)



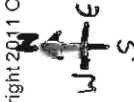
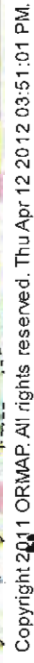
Copyright 2011 ORMAP. All rights reserved. Thu Apr 12 2012 03:50:06 PM.



**Rockfall Area**  
Recreational Feature - HCRH State Trail (12' wide)



### Vicinity Map-Topo (Appendix c)



(Appendix D)



## Incident Response Memo

Region 1 Geo/Hydro/Hazmat Unit (GH2)  
Oregon Department of Transportation

<b>Incident Type</b>	Rockfall			<b>Date</b>	February 1, 2012
<b>Highway</b>	002, I-84 (HCRH Trail adjacent)			<b>District</b>	2C
<b>MP</b>	41.86	<b>L or R of C/L</b>	R	<b>Section</b>	Cascade Locks
<b>County</b>	Multnomah				
<b>Initial Response</b>	<input checked="" type="checkbox"/>	<b>Follow up</b>	<input type="checkbox"/>	<b>Original Date:</b>	
<b>Responder(s)</b>	Fred Gullixson				
<b>Maintenance RP</b>	Jeff Juden/Brian Walker				
<b>Weather Conditions, Time of Incident:</b>					
Unknown conditions and time of event. Rockfall noted by Maintenance 1-30-2012					
<b>Site Conditions/Observations:</b>					
<p>The site is located just east of the Eagle Creek Fish Hatchery, where the HCRH Trail runs adjacent to the EB onramp to I-84 (MP 41.86). The slope is about 400 feet long with heights ranging from about 25 feet on the west to about 75 feet on the east. At the point of this failure, the slope is about 40 feet high and consists of three units. The lowest unit is about 15 feet of poorly indurated conglomerate that is easily eroded. The middle unit is about 15 feet of hard (R3 to R4), massive conglomerate exhibiting orthogonal (right-angle), widely spaced joints. The upper unit appears to be another 10 feet of poorly indurated conglomerate that is easily eroded. At the time of this site visit, a significant amount of water was flowing over the rock face, originating from the soil-rock contact at the top of the slope.</p> <p>This rockfall occurred about 75 feet west of the 2010 event. The rockfall originated in the middle unit from an area about 20 feet wide x 10 feet high (Photo 1). Approximately 20-30 yd<sup>3</sup> of blocks up to 8-foot diameter were retained in the catchment area (Photo 2). The barrier-top fence sustained a single broken post and the trail barrier was displaced about 12 inches (Photo 3). A small amount of debris passed under the fence and landed on the trail.</p> <p>Photo 4 shows 10-20 yd<sup>3</sup> of loose blocks that remain on the slope.</p> <p>Last summer, as part of the cleanup from the 2010 event, ODOT Maintenance cleaned the fallout area along the entire rock slope. The clean catchment area was able to contain all the larger debris, with minimal impact to the trail (Photo 5). However, a larger volume rockfall likely would have topped the trail barrier and destroyed the fence, blocking the trail and potentially impacting the highway.</p>					

**Further Action Required:****Immediate Action:**

As recommended in my email dated 2-1-2012, the trail should remain closed until the following recommendations are implemented.

The loose blocks remaining on the slope are a hazard and should be removed before any work is performed on the trail or in the catchment area. A contractor experienced in rock slope scaling should be retained to perform this work and an inspection of the adjacent slope.

The following is a partial list of local scaling contractors:

HI-TECH ROCKFALL CONSTRUCTION, INC. 503-357-6508  
2328 HAWTHORNE STREET Fax: 503-357-7323  
FOREST GROVE, OR 97116

PKO Contractors 541-673-0122  
17758 Dixonville Rd Fax: 541-672-7191  
Roseburg, OR 97470

Once the scaling is completed, debris should be removed from the catchment area and the barrier and fence should be repaired.

**Overall Improvement:**

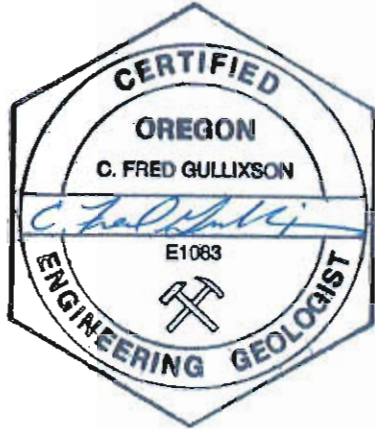
Many areas of loose rock were observed along the entire 400-foot long slope. To prevent further rockfalls, the entire rockslope behind the barrier should be scaled. In addition, soil overhangs and trees should be cleared from the top of the slope. A rough estimate of cost for scaling is \$35,000-\$50,000.

In addition, the effectiveness of the existing barrier-mounted fence is questionable. ODOT/OPRD should consider replacing it with a rock protection screen mounted behind the trail barrier. This fence would be constructed using heavier materials than the existing fence, would be more durable and provide better protection. The ODOT Standard Detail 2208 is attached to illustrate the type of fence recommended. A rough estimate of cost for a fence is \$10,000-\$20,000. \*

**\*NOTE: Construction of a new rock fence is not currently being proposed at this time.**



Prepared By:



Expires: November 30, 2012

Reviewed By: Stephen Hay, C.E.G.

Cc: Jeff Juden, Cascade Locks Section

Curran Mohny, ODOT HQ Eng. & Asset Mgt.

Dan Bacon, D2C

Larry Olson, D2C

Ted Miller, RMOM

Photo 1.

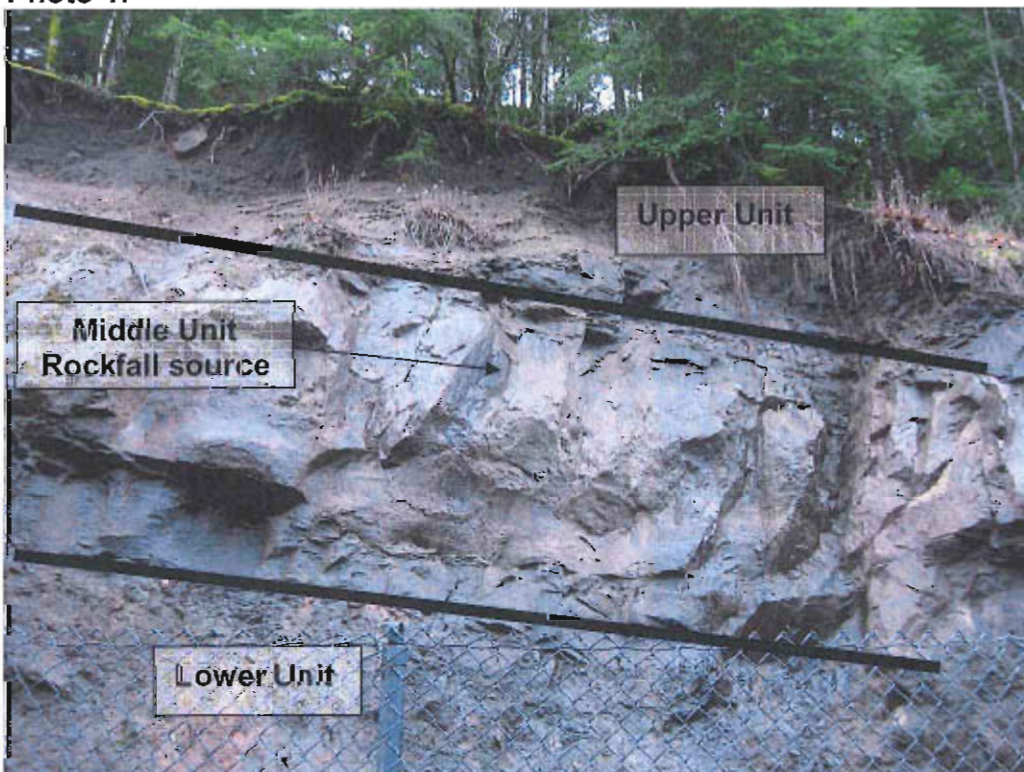


Photo 2.





Photo 3



Photo 4

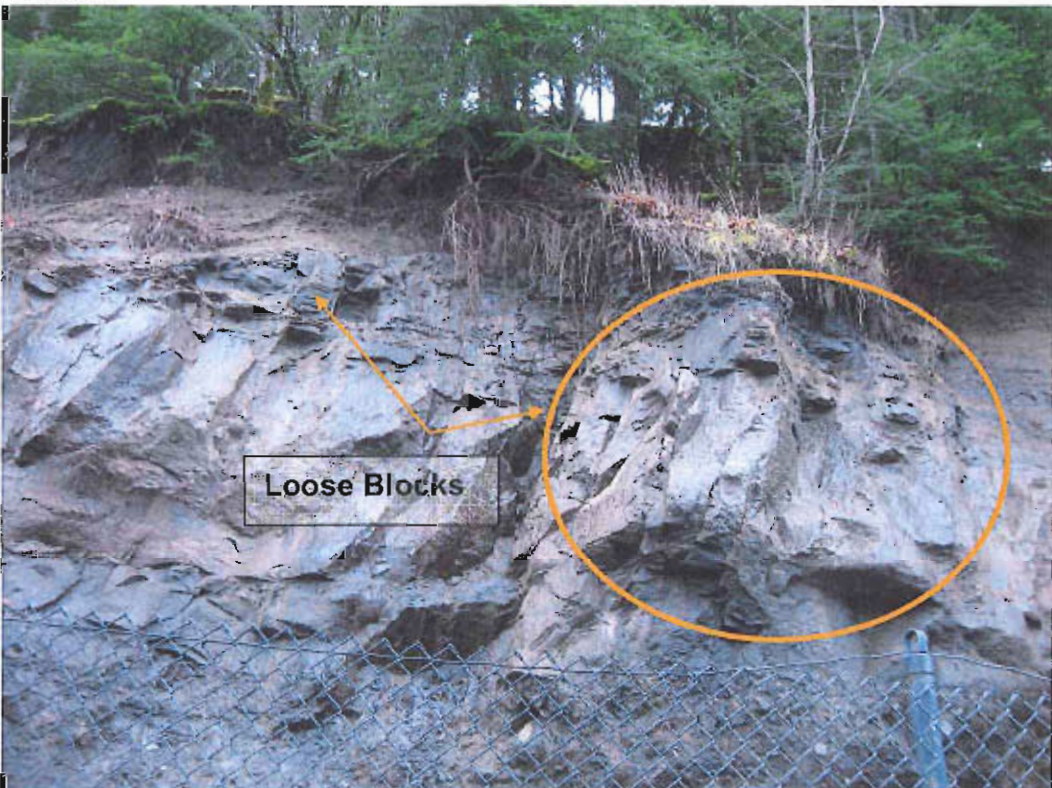


Photo 5

