

(circle one potential)

LOW

MEDIUM

HIGH

AIM SITE DISCOVERY FORM

(Rainy)
 Name: Quartz Crk Region 26 Forest MBS District snawqualmie Site No. _____
 State WA County King Lat. _____ Long. _____ Tract # _____
 Principal Meridian _____ Section _____ Township _____ Range _____

Land Ownership (circle one): Private land; FS land; Mixture; Undetermined; If private land, does it affect FS land? If no, stop here.

CRITERIA A Answer each question with Y=yes or N=no.

*Elevation of Mine N
60' above creek*

- 1. Are there adits with discharge or evidence of discharge?
- 2. Are there millsites or tailings present?
- 3. If the mine waste rock volume is > 500 yd³, then complete (a) through (e), otherwise go to 4.
 - (a) Is the potential source located in a municipal watershed?
 - (b) Is the potential source located in a floodplain?
 - (c) Are there dwellings, residences, campsites, or other public use areas nearby (e.g. 200 feet)?
 - (d) Are there domestic wells within a 4-mile radius of the site?
 - (e) Are there surface water intakes within 15 miles downstream of the site?
- 4. *Possible* Is there known damage to fisheries, T&E species, downstream aquatic communities, wetlands, or other sensitive environments?
- 5. Are there unidentified materials, chemicals, or wastes, etc., on site?

GENERAL INFORMATION

Are there open adits or shafts present? (circle one) yes no

Are there dangerous structures present? (circle one) yes no

Total area/Disturbed area (acres) 1/4 1/4

Level of public interest: Low _____ Medium: High: _____

Mark Moore
Signature

7 Sept 54
Date

If any answer in CRITERIA A is yes, go to CRITERIA B, otherwise circle LOW on top of page and stop.

Name: Quartz Creek Region R6 Forest MBS District Sequoia M12 Site No. _____

CRITERIA B Answer each question with Y=yes, or N=no.

N 6. Is site under regulatory or legal action?

N 7. Is there a mine waste stability concern?

N 8. Is there evidence of acidic and/or heavy metal conditions present? Check Y if any answer to questions (a) through (d) below is circled yes.

- | | | |
|----------------------------------|------------|----|
| (a) Is surface water discolored? | Yes | No |
| (b) Is vegetation affected? | <u>Yes</u> | No |
| (c) Is pH value < 4? | Yes | No |
| (d) Others (explain) | Yes | No |

If question (6), (7), or (8) is answered yes, it is a HIGH POTENTIAL SITE, otherwise, it is a MEDIUM POTENTIAL SITE. Circle the appropriate entry on the top of the page and continue.

DETAIL DESCRIPTION/COMMENTS (fill in as much information as appropriate)

Stream or discharge water:

Flow rate (cfs)	date <u>9/6/94</u>	value <u>.001</u>	date _____	value _____
pH value	date <u>9/6/94</u>	value <u>7.4</u>	date _____	value _____
Specific conductivity	date <u>9/6/94</u>	value <u>132</u>	date _____	value _____

NFS Watershed Code _____ Affected stream name and length Quartz Creek → ^{Middle Fork} Spring

Total area/Disturbed area (acres) Adit ⁴⁴ 1 1/2 Adit No. 1 Shaft No. _____

Impoundment area (acres) _____ Tailings (yd³) 300 Waste Rock (yd³) 200-300

Structures (buildings, headframes, mills, etc.) Explain: _____

Other data, comments, and explanations included on the back of this page? Yes No _____

Mark Moore
Signature

9/7/94
Date

Adit flow width height ft/sec
 $1 \times .05 \times .2 = .001$

Quartz Creek (cont'd)

Adits located ~ 1/2 mile from gated road, evidence of nearby campsites w/in 30' of adit. Established trail to both adit and nearby (150-200 yds) millsite.

@ Millsite evidence of some old structures, concrete foundation, and sizable tailings. Millsite also has sizeable tailing deposit (on order of 300+ yds³) and surface water from stream flowing nearby goes into boggy area below tailings, which exhibits reddish-brown algae and some stunted pregreen growth.

Water quality readings obtained both within this boggy area and in the nearby Quartz Creek below the intersection of the bog water and the creek are as follows:

Boggy area / below millsite

			Avg	Flow rate
Temp	12.7	12.3	12.5	.04 cuft/sec
MS	37	28	34	
pH	6.4	6.3	6.35	

Quartz Creek below stream intersection w/ bog water and other millsite drainage =

			Avg	Flow rate
Temp	12.5	12.2	12.35	~ 4 cuft/sec
MS	13	11	12	
pH	6.9	7.1	7.0	

Pictures taken of both Mill site and adit (Konica)
(2 pix) (3-4 pix)

Adit & Millsite structures well depicted on NBRD & USGS maps - locations excellent -