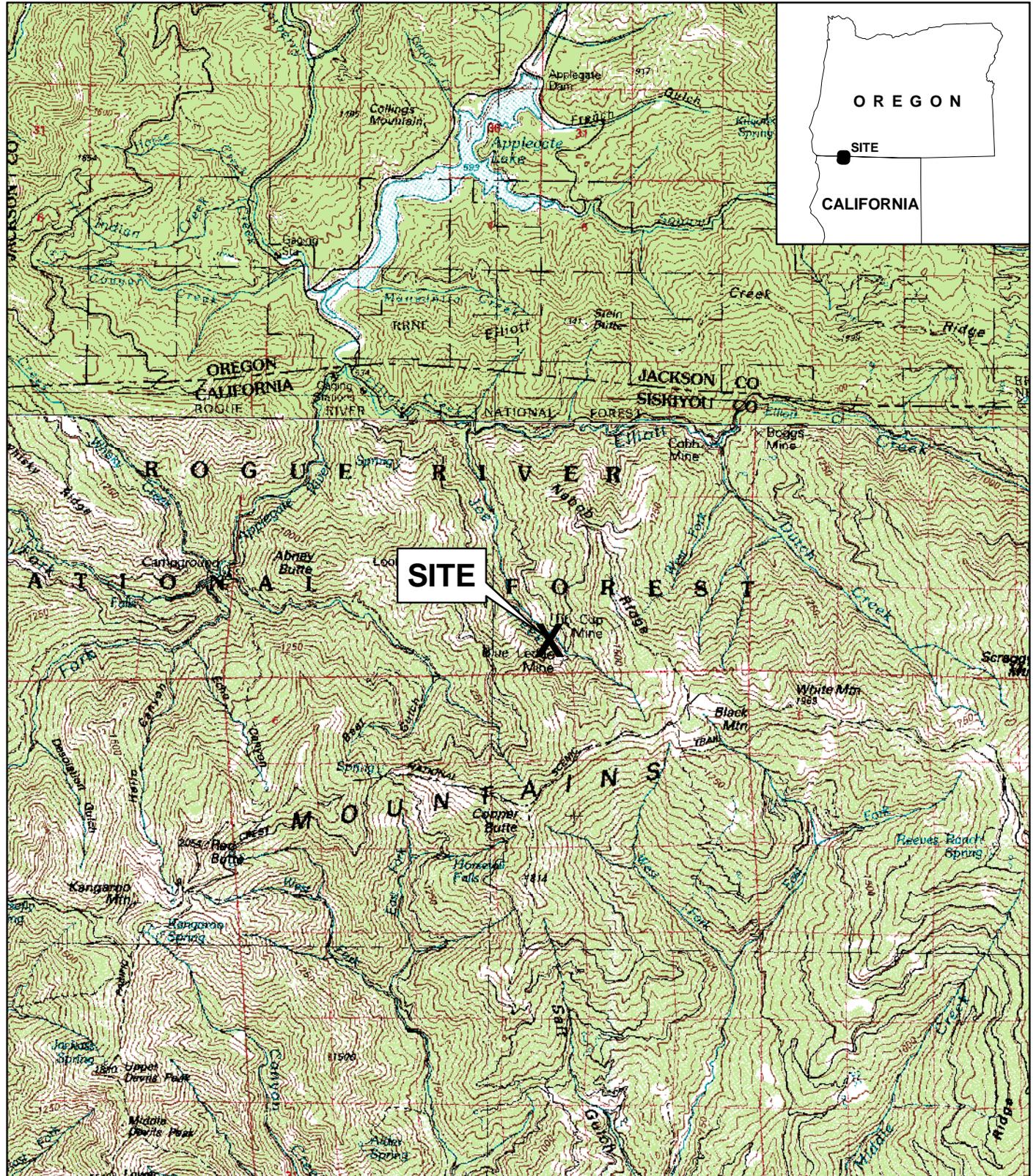
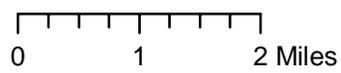


# FIGURES

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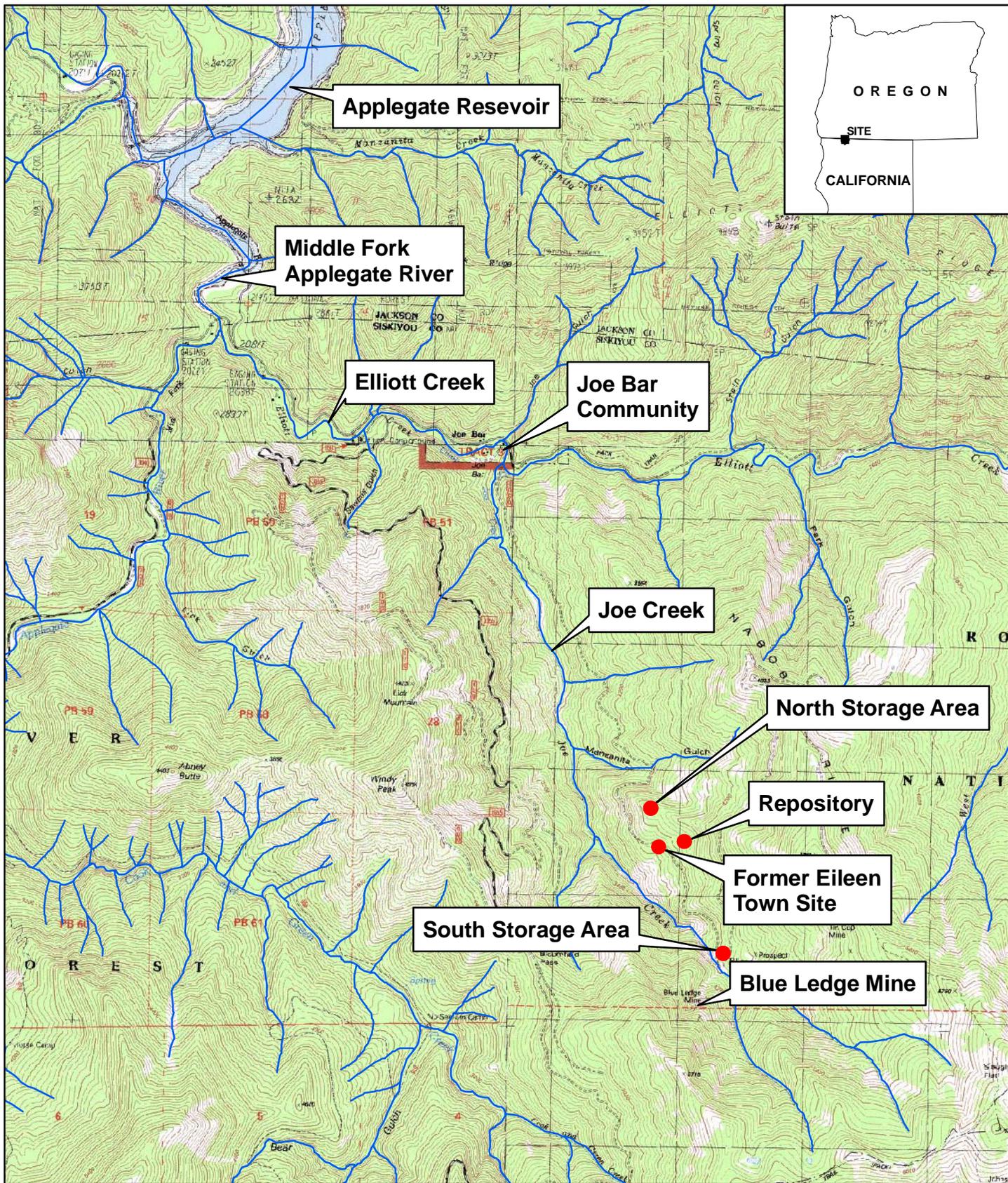


Source: Grants Pass, Oregon USGS 100K Topo Quad, 1984.  
 Happy Camp, California USGS 100K Topo Quad, 1984.



**Vicinity Map**  
 US Forest Service  
 Blue Ledge Mine  
 Rogue River-Siskiyou National Forest

**Figure 1-1**



Source: Dutch Creek, California USGS 7.5' Topo Quad, 1981.

Kangaroo Mountain, California USGS 7.5' Topo Quad, 1981.

Squaw Lakes, Oregon USGS 7.5' Topo Quad, 1983.

Carberry Creek, Oregon USGS 7.5' Topo Quad, 1983.

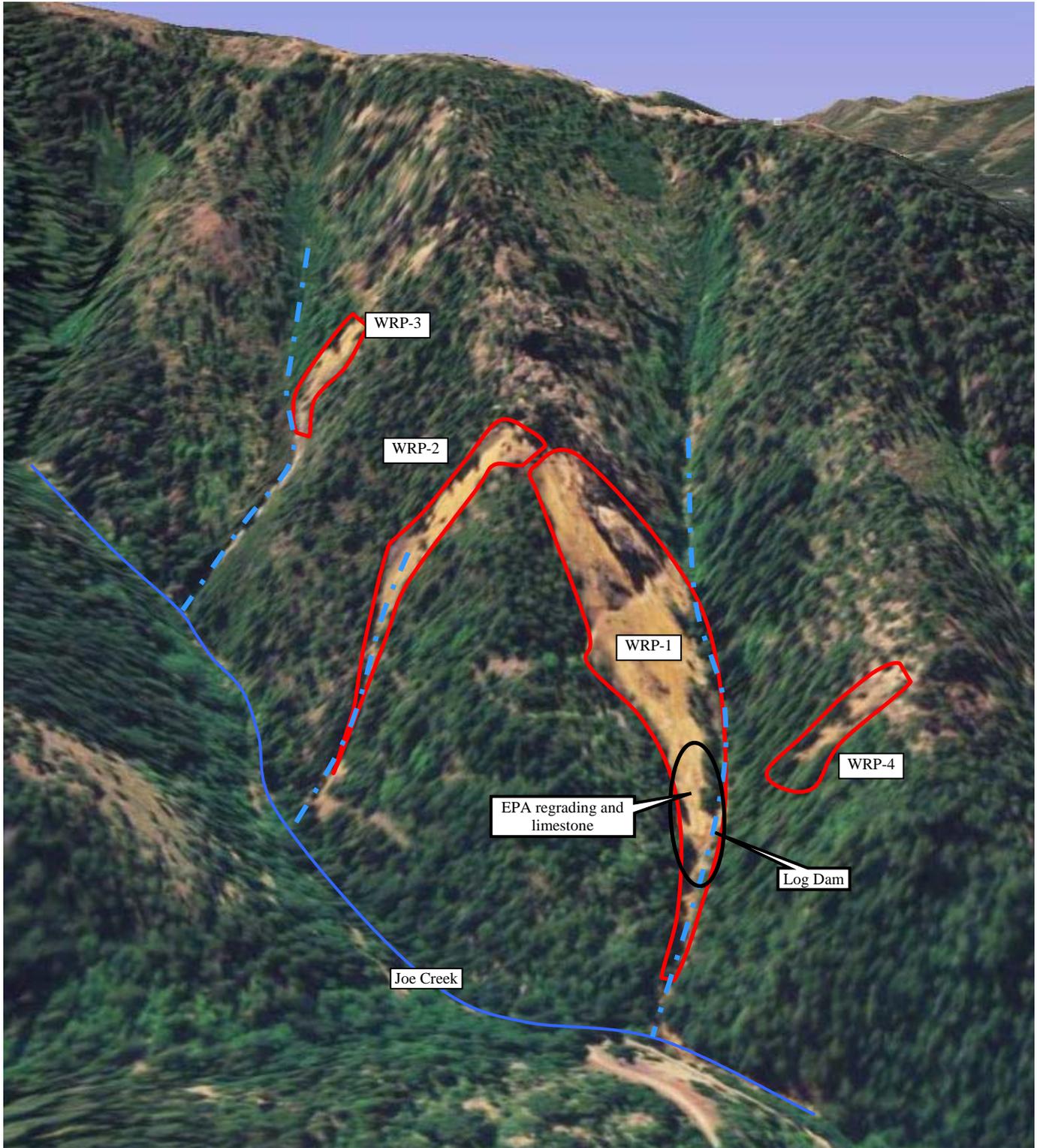
0 0.5 1 Miles



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**Site Surroundings**  
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Rogue River-Siskiyou National Forest

**Figure 1-2**



 N  
 Creek  
 Ephemeral Drainageway

**Waste Rock Areas**

US Forest Service

Blue Ledge Mine

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Rogue River-Siskiyou National Forest



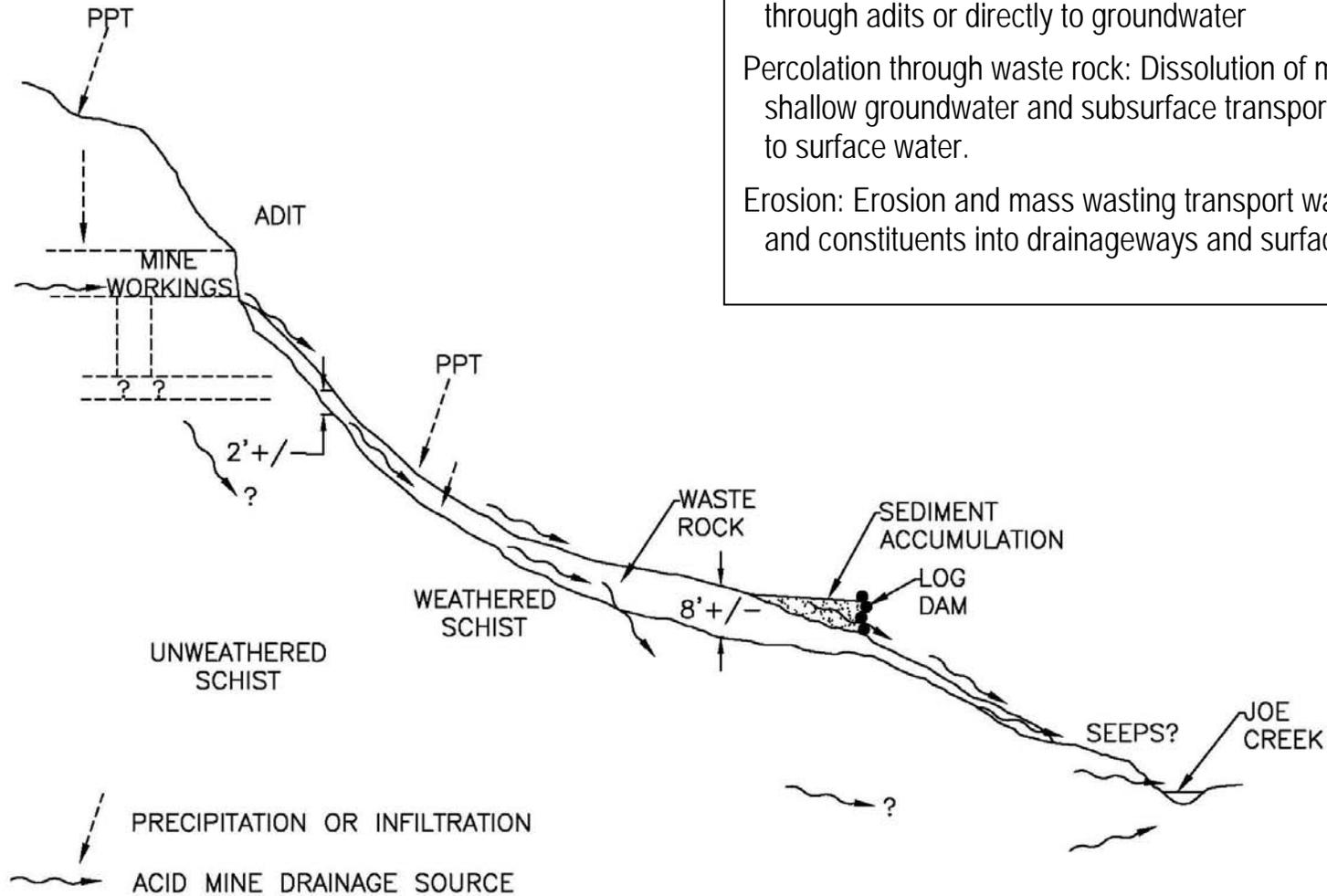
**Figure 1-3**

## AMD AND TRANSPORT

Mine Workings: percolation of precipitations and discharge through adits or directly to groundwater

Percolation through waste rock: Dissolution of metals into shallow groundwater and subsurface transport to seep or to surface water.

Erosion: Erosion and mass wasting transport waste rock and constituents into drainageways and surface water.



PRECIPITATION OR INFILTRATION

ACID MINE DRAINAGE SOURCE

NOT TO SCALE

### Sources of AMD and Conceptual Hydrogeologic Model

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Figure 2-1

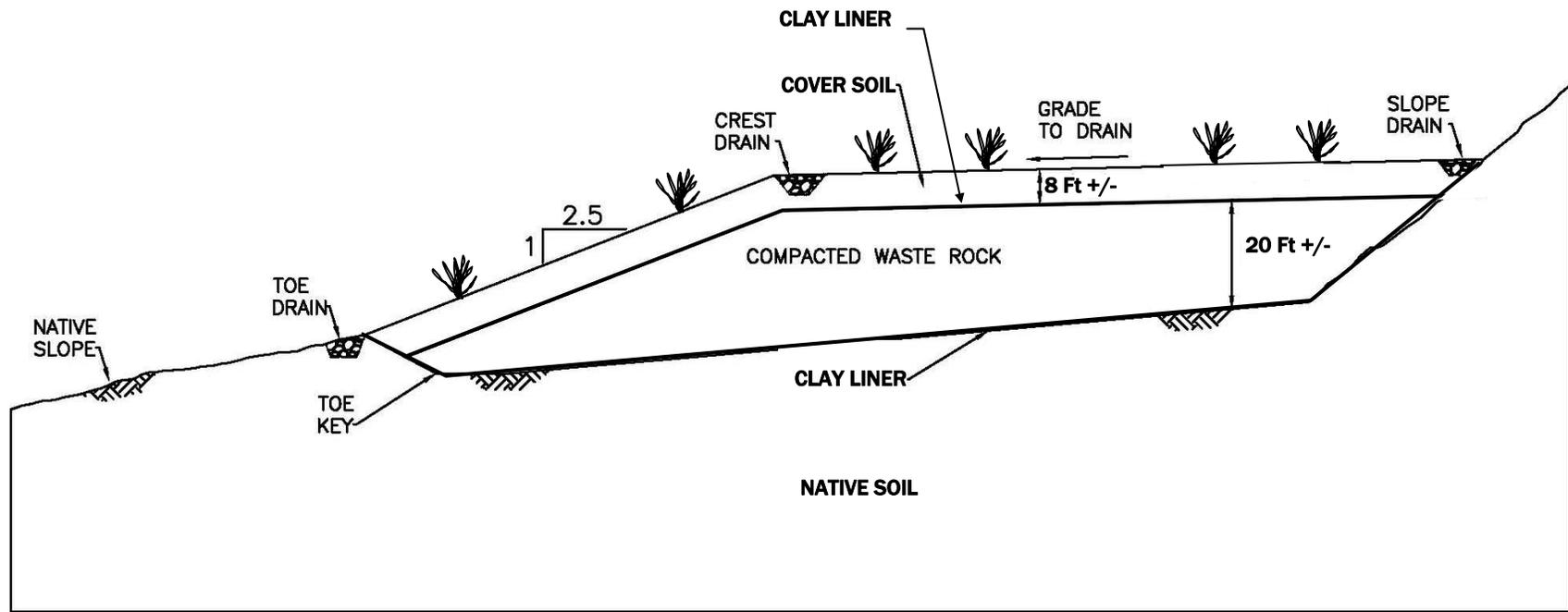


**Alternative Waste Rock Repository Locations**

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**Figure 4-1**



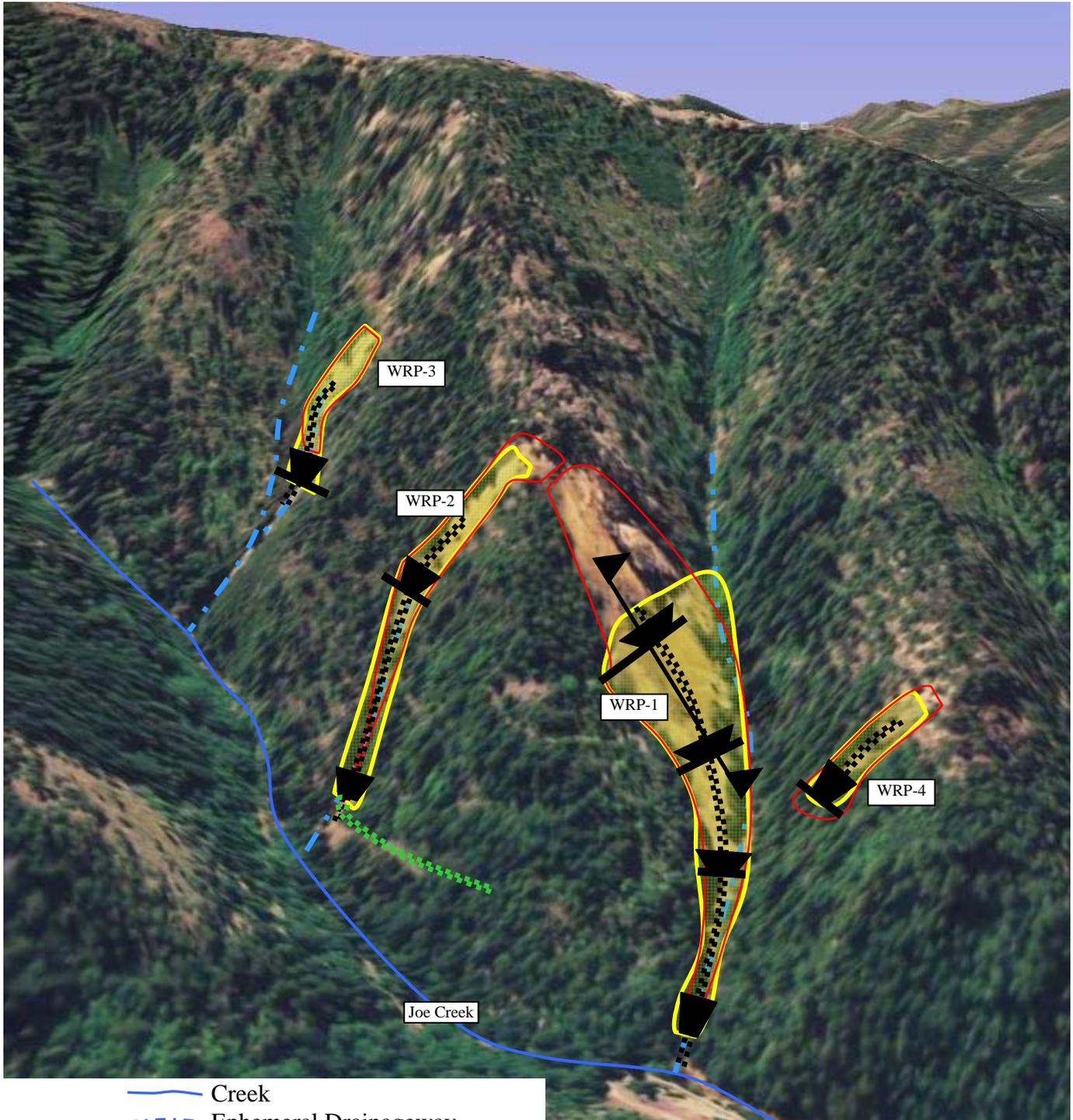
TYPICAL SECTION  
NOT TO SCALE



**Repository Site Schematic**

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**Figure 4-2**



-  Creek
-  Ephemeral Drainageway
-  Waste Rock Area
-  Reclamation Area
-  Sedimentation Basin
-  Sedimentation Basin and Terrace
-  Armored Reclamation Channel
-  Treatment Swale
-  Conceptual Reclamation Section (Fig. 4-4)

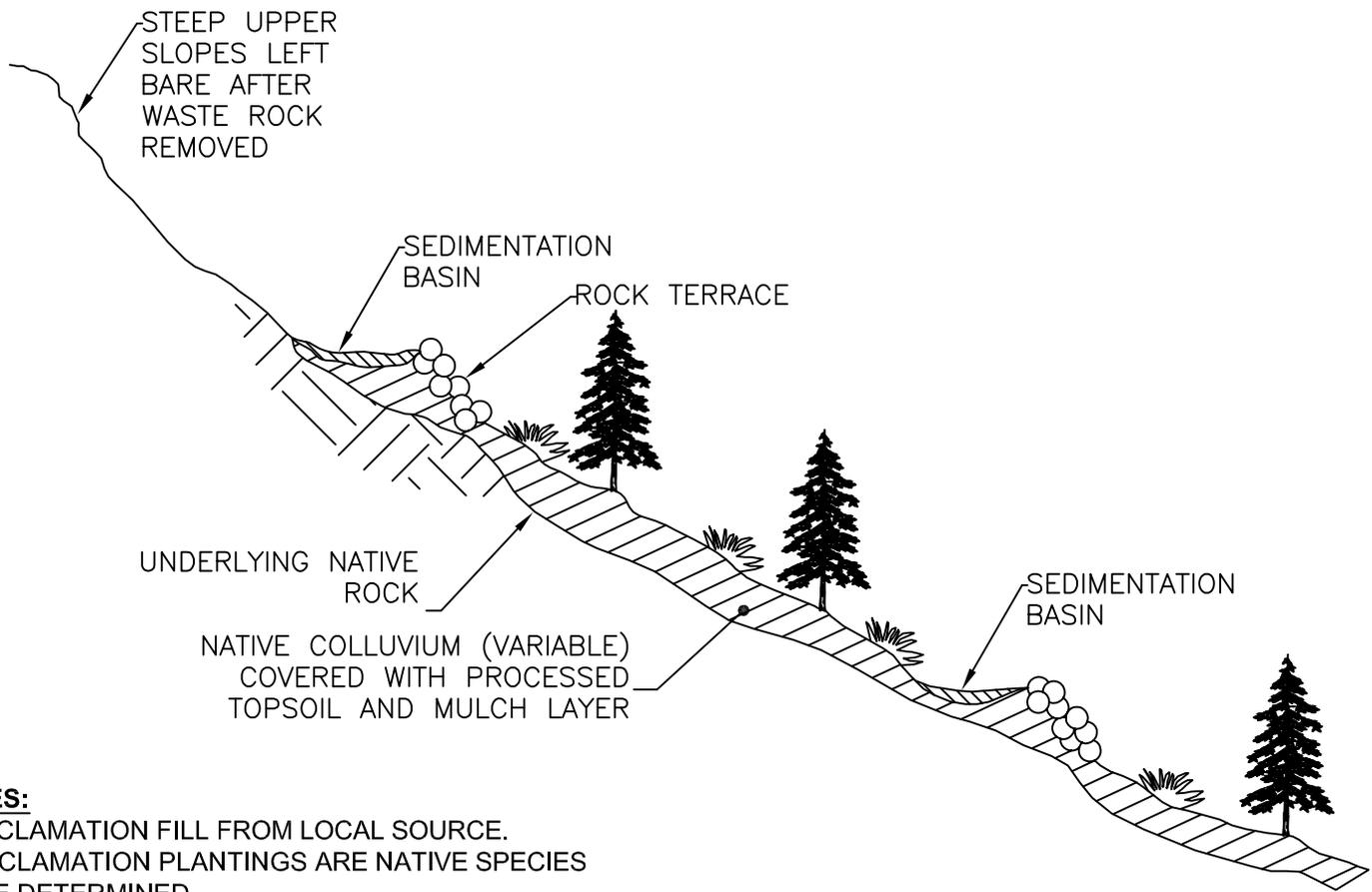


Locations and dimensions are approximate

**Concept Reclamation Areas**  
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**Figure 4-3**



**NOTES:**

- 1. RECLAMATION FILL FROM LOCAL SOURCE.
- 2. RECLAMATION PLANTINGS ARE NATIVE SPECIES TO BE DETERMINED.

NOT TO SCALE  
 SEE FIGURE 4-3 FOR SECTION LOCATION

**Concept Reclamation Section**

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**Figure 4-4**

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