Site Inspection Report for the Abandoned and Inactive Mines in Idaho on U.S. Bureau of Land Management Property in the Hailey Bellevue Area: Miscellaneous Sites, Blaine County, Idaho

Virginia S. Gillerman
Forrest S. Griggs
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Report originally prepared in 2000 for the U.S. Bureau of Land Management
Under Participating Agreement No.1422-D910-A3-0206, Task Order #4

Field Inspection conducted by Virginia S. Gillerman, Mike Dunn, and Forrest Griggs
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GEOLOGY

This report covers mines in three distinct areas of the Hailey-Bellevue region. The first property, the Liberty Gem mine (Site ID-0054-00017), is in primarily argillaceous impure limestone of the Pennsylvanian Wood River Formation (Umpleby, 1930). No dates of production are available. No detailed listing of the deposit is available, however, pyritized and silicified black argillite was noted in dump material at the site.

The next property is the Utah-Bellevue (Site ID-0054-0024). It is in a Cretaceous granite and quartz monzonite. Fractured and altered lamprophyre occupies a broad and poorly defined shear zone (Anderson, 1950). Some chlorite alteration has occurred, with associated calcite and epidote (Umpleby, 1930). Production started in approximately 1915, and ended approximately in 1922. Descriptions of the deposits can be found in Umpleby and others (1930), and Anderson and others (1950).

The Memorial Prospect (Site ID-0054-00034) is situated within the Cretaceous Wood River formation limestones and sandstones. The vein material is a limonitic oxide. Initial production is not known, with the last known production occurring in 1947 (Anderson, 1950). A deposit description can be found in Anderson and others (1950).

HAZARD ASSESSMENT

SUMMARY

As stated above, the three sites are not located within a single area, but are spread over the Hailey-Bellevue area. All three sites are easily accessed from 2WD roads. The predominant hazard at all three sites is physical. There are numerous open shafts and adits, as well as unstable structures. There is a strong likelihood that local residents explore these sites, including evidence that suggests recent use for parties, particularly at the Memorial Prospect. There was a full time caretaker living at the at the Liberty Gem site, and the area is posted no trespassing. There is a potential environmental hazard where areas of pyritic waste rock are in close proximity to a creek and ponds. These should be moved to minimize potential acid drainage.

SITE ID-0054-00017: LIBERTY GEM (HA-340)

Three open shafts and an unstable head frame present a potential for physical hazards. Shaft 1 is concrete lined, and full of water, Shafts 2 and 3 are apparently dry and open. The head frame for shaft 2 is partially collapsed, and should be removed. Several of the waste dumps were
in close proximity to a creek and ponds that traverse the property. The dumps contained pyritic waste rock that could be a potential source of acid drainage and should be moved. There was a full time caretaker residing at the site, and he expressed willingness to remedy any hazards identified without bothering the BLM. There was assorted discarded trash and debris throughout the site.

SITE ID-0054-00024: UTAH-BELLEVUE MINE (HA-1191); EDRES MINE (HA-1189)

Two nearby but separate sites, the Utah-Bellevue and the Edres Mines were mapped as Site 24. A local resident was seen walking her dog on the ridge near the Utah-Bellevue mine. The Utah-Bellevue Mine has one possible open shaft, Shaft 1. Heavy vegetation around the shaft impeded a thorough observation. Both adits associated with this site were collapsed. No major physical nor environmental hazards noted, but heavy machinery operators should use caution, as the waste dump from the shaft bisects the road.

The Edres Mine site has four possible collapsed adits, and one open adit. The open adit is adjacent to the road and easily accessible. There was a water seep from the lower most adit, Adit 5. The vegetation adjacent to this seep was healthy looking sedges and willows. The access road to this site had not been driven on recently, but was passable.

SITE ID-0054-00034: MEMORIAL PROSPECT (HA-390)

This site has several open and closed adits, and is easily visible from the local high school, as well as from the highway that passes through Hailey. There was evidence of recent human activity, including discarded clothing, beer cans, and trash, as well as graffiti in and around the adit portals. Adit 3 in particular had copious amounts of trash and graffiti in and around the portal. Adits 7,8, and 9 were all declines in excess of 35°, with Adit 9 declining at approximately 45° with very smooth limestone belly and back. The declines probably do not go in too far, but they are an inviting challenge for local kids to enter and a clear safety problem. It would be too easy for someone to fall or be injured by falling rock from the back of the adits.
Figure 1: Location map of the Miscellaneous Mines Sites area near Hailey and Bellevue, Blaine County, Idaho (Idaho Transportation Department Fairfield and Sun Valley 30 X 60-minute quadrangle, scale 1:1,000,000).
Table 1: Summary of the Miscellaneous sites in the Hailey-Bellevue area, Blaine County Idaho. Site name in **bold** indicates property has significant potential environmental or physical hazards. Under “Environmental Hazards”: T= a mill tailings problem, D= dump material in or near waterway, WQ= potentially poor water quality. Under “Physical Hazards”: Features: A= adit, P= prospect pit, S= shaft, St= stope; Condition: O= open, C=Caved, ?=Unknown (condition or number).

<table>
<thead>
<tr>
<th>BLM Site Number (Corrected GPS Data File)</th>
<th>IGS Property Number</th>
<th>Mine Name</th>
<th>Environment Hazard</th>
<th>Physical Hazard</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID-0054-00024 (HA-1191)</td>
<td>HA-1191 HA-1189</td>
<td>Utah-Bellevue Edres</td>
<td>1S? 4AC 1AO 1P</td>
<td>Gate/Close Adit</td>
<td></td>
</tr>
<tr>
<td>ID-0054-00034</td>
<td>HA-390</td>
<td>Memorial Prospect</td>
<td>3AC 6AO</td>
<td>Gate/Close Adits</td>
<td></td>
</tr>
</tbody>
</table>
REFERENCES


SITE INSPECTION REPORTS FOR
MISCELLANEOUS MINES IN THE HAILEY-BELLEVUE AREA
A. SITE IDENTIFICATION
ID Number: 1D-0054-00017
Site/Mine Name: Liberty Gem Primary Commodity: Polymet/Au-Ag-Cu-Pb-Zn
IGS Number: Ha-340

B. LOCATION DATA
USGS Quad: Richardson Summit LAT: ___________ LONG: ___________ OR
UTM Coord: 4814499 N 707310 E Zone 11 AND
Township: 2N Range: 17E Section: 33 Subdivision: S/SE/SW
Meridian: 08 County: 013
Surface: BLM X / Non-BLM ___ Mineral Estate: BLM X / Non-BLM ___

C. ACCESS
Visible from: Nearest road ___ / Trail ___ / Population center ___
Access by: 2wd X / 4wd ___ / Hike ___ / Other ___
Access disturbanc in need of reclamation: Length ___ / Width ___ / Acres ___
Road Log: At end of road - up Liberty Gulch.

Recent human use: X Describe: Home site. Care taker lives on property. Care taker said he can fix any hazards. Posted property, but local kids party in shafts according to rumor.

D. SITE DESCRIPTION
Acreage: ___________ Elevation: ___________
General slope (degrees): 0-10 X / 11-35 ___ / >35 ___
Floodplain: Disturbance in X / Adjacent to ___ / NA ___
Recent mineral activity X Describe: 1970?

E. MINING/EXPLORATION FEATURES (Provide numbers of features)
Open adits 0 / Closed adits 0 / Open inclines 0 / Closed inclines 0
Open shafts 3 / Closed shafts 0? / Stopes 0
Other openings ___________ Type ___________
Trenches 1 Length 120' / Prospects ___ / Open drill holes ___
Pits >30 ft. deep ___ / Pits <30 ft. deep ___ / Pit highwall length 100'
Waste dumps: <0.1 ac ___ / 0.1 - 5 ac ___ / >5 ac ___
Tailings: <0.1 ac 2 / 0.1 - 5 ac ___ / >5 ac ___ Scattered tailings piles.
Heaps ___ / Dredge ___ / Ponds 2 / Dams 1
Mills ___ Type ___ ___ Flotation?
Explosives ___ Describe: ___
Equipment/Machinery Lots / Headframes 2 / Trestles/tramways ___
Powerlines ___ / Ore Chutes 2
Structures 8 Type Home, sheds, ore chutes (2), old houses.
Condition: Good X / Fair ___ / Poor X / Number Locked 1
Homesites ___
Other: Mill foundations, Old car/trucks (4-5), old motor, boat, appliances, tires, misc. iron nails.

form: amiform99.blm
Vsg06/99
F. ENVIRONMENTAL FEATURES

VEGETATION
Vegetation: Healthy X / Stressed ____ / Dead ____ / Nonexistent ____
Evidence of natural revegetation: Yes / Describe: Ponds heavily vegetated.

ANIMALS

GEOLOGY
Staining of soils X Describe: Minor, trace Fe.
Sulfide minerals Yes Type(s): Abundant pyrite on dumps, ? galena on dump, sulphur

smell on dump in silicified sediments.

Tailings: Confined ____ / Unconfined X / Unknown ____
Scattered piles mixed with waste rock.

HYDROLOGY

<table>
<thead>
<tr>
<th>Water flowing from workings:</th>
<th>pH</th>
<th>Conductivity</th>
<th>Flow (GPM)</th>
<th>Sketch #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing water in workings:</td>
<td>Yes</td>
<td>In shaft #1, no measurement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water through/over tailings:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>waste rock: Nearby, adjacent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ore:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Adjacent water sources:

<table>
<thead>
<tr>
<th>Ground water:</th>
<th>Type</th>
<th>pH</th>
<th>Conductivity</th>
<th>Flow (GPM)</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface water:</td>
<td>Pond 1</td>
<td>7.9</td>
<td>370</td>
<td>NA</td>
<td>On site</td>
</tr>
<tr>
<td>Surface H2O above site:</td>
<td>Pond 2</td>
<td>7.6</td>
<td>250</td>
<td>NA</td>
<td>W/duck on nest</td>
</tr>
</tbody>
</table>

Evidence of aquatic life: Y Location: Pond 2 Describe: Riparian vegetation, bugs and ducks.

Water bed color: White ____ / Yellow ____ / Yellow-Orange ____ / Orange X (Pond 1)
Brown X / Green X / Grey-Black X / Other Pond 2


G. POTENTIAL HAZARDOUS MATERIALS (Provide numbers of features)

Chemical piles or spills ____ / Acid or Chemical odor ____ / Asbestos ____
Petrochemical Products ____ / Dump sites ____
Power Substations ____ / Transformers ____
Barrels, Tanks, Containers ____ Leaking: ____ Contents: ____
Evidence of Underground Storage Tanks: ____ Describe: ____

Other: Typical junk from modern home site. Structures not entered. Caretaker lives on site.
H. RECLAMATION

SITE CONDITIONS
Erosion: Rills / Gullies / Sheetwash
Unstable Rock / Slope instability / Wind erosion

MITIGATION STATUS
None / Fencing / Signs / Safety hazards mitigated
Other: Land is posted

Mitigation condition: Good / Fair / Poor
Site ID tags: / Locations:

OPTIONAL: Identify the critical reclamation measures needed:

X Cable nets, grates / Topsoil, soil amendments
___ Permanent seal / Revegetation
___ Gates / Stabilize/destroy structures
___ Backfill openings, pit / Drainage control
___ Recontour / Water treatment
X Fences / Wildlife closure
X Warning signs / No action
___ Plug open drill holes / Trash / clean up
___ Other: Need to fence or cover open shafts.

I. SITE SKETCH
Show orientation, approximate scale, access route, adjacent drainages, and locations of features on attached sketch map. Use the feature symbols provided in the map legend on page 6.

J. GLOBAL POSITIONING SYSTEM DATA X Rover File name: HA-340

K. PHOTOGRAPHS
Number of photographs taken: 10 total. Roll 98-2 (Neg #8593) frames 22-27
Roll 98-3 (Neg #4042) frames 1-4.

L. ACTION
Site requires immediate investigation by: Law Enforcement / BLM / HAZMAT / Other Caretaker

Reason: Cooperative caretaker. Caretaker on property said he could correct hazards seen if BLM just told him what they needed. He keeps folks out most of the time.
### M. FEATURES - PROVIDE DIMENSIONS IN FEET.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Length</th>
<th>Width</th>
<th>Height or Depth</th>
<th>mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft 1</td>
<td>15'</td>
<td>15'</td>
<td>Water filled.</td>
<td>Open shaft: should cover w/ grate. Concrete lined, filled with water.</td>
</tr>
<tr>
<td>Head frame</td>
<td></td>
<td></td>
<td></td>
<td>For Shaft 1.</td>
</tr>
<tr>
<td>Dump 1</td>
<td>20'</td>
<td>200'</td>
<td>10'</td>
<td>Shaft 1.</td>
</tr>
<tr>
<td>Shaft 2, w/ head frame</td>
<td>15' dia.</td>
<td></td>
<td>Open ~50' depth</td>
<td>Open. Should tear down head frame, close shaft. Concrete foundation.</td>
</tr>
<tr>
<td>(wood &amp; metal head frame,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>partially collapsed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dump 2</td>
<td>&gt;40'</td>
<td>40'</td>
<td>10'</td>
<td>By shaft.</td>
</tr>
<tr>
<td>Ore bin/chute</td>
<td></td>
<td></td>
<td></td>
<td>Wood. By Dump 2.</td>
</tr>
<tr>
<td>Dump 3</td>
<td>100'</td>
<td>150'</td>
<td>3-4'</td>
<td>OK.</td>
</tr>
<tr>
<td>Wood bldg.</td>
<td></td>
<td></td>
<td></td>
<td>Collapsed.</td>
</tr>
<tr>
<td>Shaft 3</td>
<td>6'</td>
<td>6'</td>
<td>50'</td>
<td>Open, dry, w/ metal shed and ladder.</td>
</tr>
<tr>
<td>Dump 4</td>
<td>50'</td>
<td>100'</td>
<td>4'</td>
<td></td>
</tr>
<tr>
<td>Ore chute</td>
<td></td>
<td></td>
<td>Wood</td>
<td>On Dump 4 by main road.</td>
</tr>
<tr>
<td>Trench 1</td>
<td>120'</td>
<td>15'</td>
<td>10'</td>
<td>OK.</td>
</tr>
<tr>
<td>Pond 1</td>
<td>10'</td>
<td>20'</td>
<td></td>
<td>Some Fe stain in water.</td>
</tr>
<tr>
<td>Mill 1</td>
<td>30'</td>
<td>20'</td>
<td></td>
<td>Foundation only.</td>
</tr>
<tr>
<td>Pond 2 with dam</td>
<td>20'</td>
<td>30'</td>
<td></td>
<td>With nesting ducks.</td>
</tr>
<tr>
<td>Loading Dock/Chute</td>
<td></td>
<td></td>
<td></td>
<td>By main road.</td>
</tr>
</tbody>
</table>

**INSPECTED BY:** Virginia Gillerman  
**TITLE:** IGS Geologist  
**DATE:** 6-7-98  
**INSPECTED BY:** G. Beukelman  
**TITLE:** IGS Geologist  
**DATE:** 6-7-98
Owner said to be: Guy Mathew Richards ??

See Map

This site was examined hastily due to occupant's presence.

Caretaker said he could fix hazards if the BLM let him know what the problem areas were.
Figure 17-1: Sketch map of the Liberty Gem Mine site.
Figure 17-2: Topographic map of the Liberty gem Mine, Blaine County, Idaho (U.S. Geological Survey Richardson Summit 7.5 minute topographic map).
<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Frame Number</th>
<th>Direction</th>
<th>Location/Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-2 (Neg#8593)</td>
<td>22A</td>
<td>180</td>
<td>12' x 12' Shaft 1 and wooden head frame in good shape.</td>
</tr>
<tr>
<td>“</td>
<td>23A</td>
<td>200</td>
<td>Water to top of Shaft 1.</td>
</tr>
<tr>
<td>“</td>
<td>24A</td>
<td>030</td>
<td>Shaft 2, open.</td>
</tr>
<tr>
<td>“</td>
<td>25A</td>
<td>060</td>
<td>Shaft 2 and ore bin.</td>
</tr>
<tr>
<td>“</td>
<td>26A</td>
<td>100</td>
<td>Homes on site.</td>
</tr>
<tr>
<td>“</td>
<td>27A</td>
<td>010</td>
<td>Possible shaft site by ore bin.</td>
</tr>
<tr>
<td>98-3 (Neg#4042)</td>
<td>1A</td>
<td>010</td>
<td>Mill overview.</td>
</tr>
<tr>
<td>“</td>
<td>2A</td>
<td>030</td>
<td>Pond 1, with tailings, vehicles, house.</td>
</tr>
<tr>
<td>“</td>
<td>3A</td>
<td>120</td>
<td>Shaft 3. Open, hidden in sage behind house. Has sheet metal cover and ladder.</td>
</tr>
<tr>
<td>“</td>
<td>4A</td>
<td>180</td>
<td>Ore Bin 2/ Chute/ loading dock by main road.</td>
</tr>
</tbody>
</table>
A. SITE IDENTIFICATION
Other BLM ID Number: ________________________________________________
Locatable _____ / Leasable _____ / Salable ______
Operator (last known): ________________________________________________
Commodities: Primary ___________________ / Secondary ___________________
Other Agency ID Number: ____________________________________________ Agency: __________________

B. LOCATION DATA
Site is in ____ or within a mile ____ of:
ACEC ____ / WSA ____ / Wilderness Area ____ / Riparian Area ____
Nominated for Designation to National Wild & Scenic River System ____

C. ACCESS
Distance in Miles to Closest Public:
Road _______ Dwelling _______ School _______
Potable Water _______ Water Source _______ Trail _______
Campground/Picnic Area _______ Other Public Use ______

D. SITE DESCRIPTION
Nearest named drainage: ___________________________ Distance: _____________

G. POTENTIAL HAZARDOUS MATERIALS
Site is under regulatory action _____
CERCLIS Number _____________________________ OR
Federal Docket Number _____________________________________________

H. RECLAMATION: Closure Information
Clearances: Threatened & Endangered Species _____________________________
Cultural Resources ___________________________________________________
Historic ___________________________________________________________
Other _______________________________________________________________

Date reclamation completed: ___________________________ Cost: ______________
Type of closure: ___________________________ Comments: ____________________________

Monitoring frequency: _________ Dates of monitoring visits: _____________________________

NOTE: The letters for the items above correspond to those on pp. 1 - 3 of this Checklist)
I. INTERVIEWS

Name: Caretaker
Address: Liberty Gem Mine
Phone
Affiliation: Caretaker
Comments: He said he would be happy to fix any hazards without BLM bothering.

Name
Address
Phone
Affiliation
Comments:

Name
Address
Phone
Affiliation
Comments:
Figure 17-3: Shaft 1. 12’ x 12’ with wooden head frame, in good shape. View looking 180° (Roll 98-2, neg. #8593, frame 22a; photographed by V.S. Gillerman; June 7, 1998).

Figure 17-4: Shaft 1, with water to top of shaft. View looking 200° (Roll 98-2, neg. #8593, frame 23a; photographed by V.S. Gillerman; June 7, 1998).
Figure 17-5: Shaft 2, open. View looking 030° (Roll 98-2, neg. #8593, frame 24a; photographed by V.S. Gillerman; June 7, 1998).

Figure 17-6: Shaft 2 and Ore Bin. View looking 060° (Roll 98-2, neg. #8593, frame 25a; photographed by V.S. Gillerman; June 7, 1998).
Figure 17-7: Homes on site. View looking 100° (Roll 98-2, neg. #8593, frame 26a; photographed by V.S. Gillerman; June 7, 1998).

Figure 17-8: Possible shaft site by ore bin. View looking 010° (Roll 98-2, neg. #8593, frame 27a; photographed by V.S. Gillerman; June 7, 1998).
Figure 17-9: Mill overview. View looking 010° (Roll 98-3, neg. #4042, frame 1a; photographed by V.S. Gillerman; June 7, 1998).

Figure 17-10: Pond 1, with tailings, vehicles, and house. View looking 030° (Roll 98-3, neg. #4042, frame 2a; photographed by V.S. Gillerman; June 7, 1998).
Figure 17-11: Shaft 3. Open, hidden in sage behind house. Has sheet metal cover and ladder. View looking 120° (Roll 98-3, neg. #4042, frame 3a; photographed by V.S. Gillerman, June 7, 1998).

Figure 17-12: Ore Bin 2 / Chute / Loading Dock by main road. View looking 180° (Roll 98-3, neg. #4042, frame 4a; photographed by V.S. Gillerman, June 7, 1998).
A. SITE IDENTIFICATION

ID Number: 1D-005-00024
Site/Mine Name: Utah-Bellevue Primary Commodity: 340 Ag-Pb
IGS Number: HA-1191, also HA-1189, Edres Mine, mapped as part of this site.

B. LOCATION DATA

USGS Quad: Bellevue LAT: LONG: OR
UTM Coord: 4813436 N 717541 E Zone 11 AND
Township: 1N Range: 18E Section: 4 Subdivision: NW/SE

Diebenow Gulch Mines are in SW/SW of Sec. 4
Meridian: 08 County: 013
Surface: BLM X/ Non-BLM Mark Mineral Estate: BLM X/ Non-BLM

C. ACCESS

Visible from: Nearest road 2 Trail  Population center 1
Access by: 2wd X/ 4wd  Hike  Other
Access disturbance in need of reclamation: Length Width Acres
Road Log: Near saddle at head of Townsend Gulch. Mines also located at end of road that contours around to Diebenow Gulch from the saddle.

Recent human use: Y Describe: People walking dogs.

D. SITE DESCRIPTION

Acreage: Elevation:
General slope (degrees): 0-10 11-35 X >35
Floodplain: Disturbance in  Adjacent to NA X
Recent mineral activity No Describe:

E. MINING/EXPLORATION FEATURES (Provide numbers of features)

Open adits 1 Closed adits 4 Open inclines  Closed inclines
Open shafts  Closed shafts 1 Stopes
Other openings Type
Trenches  Length  Prospects 1 Open drill holes
Pits >30 ft. deep  Pits <30 ft. deep  Pit highwall length
Waste dumps: <0.1 ac 0.1-5 ac 1* >5 ac
Tailings: <0.1 ac 0.1-5 ac >5 ac * Combining Dumps 3 & 4 in Diebenow Gulch.
Heaps Dredge Ponds Dams
Mills 0 Type
Explosives Describe:
Equipment/Machinery Pieces Headframes Trestles/tramways collapsed loading
Powerlines
Structures 1 Type Collapsed metal & wood shed on Dump 3 in Diebenow Gulch.
Condition: Good  Fair  Poor X  Number Locked
Homesites
Other: Miscellaneous scrap rails, metal, junk car, 1 dozer on Dump 3 in Diebenow Gulch.

form: amlform99.blm
Vsg06/99
F. ENVIRONMENTAL FEATURES

VEGETATION
Vegetation: Healthy / Stressed / Dead / Nonexistent
Evidence of natural revegetation: / Describe: Heavily vegetated with sage on dumps.
Shrub/steppe vegetation. Trees and sedges and willows by Adit 5 seep. Some healthy
semi-arid riparian choke cherry trees nearby.

ANIMALS
Evidence: / Presence: / Describe: Deer/elk scat etc., bugs, ants and ground squirrels.

GEOLOGY
Staining of soils No / Describe: Quartz vein and minor FeOx.
Sulfide minerals No / Type(s): All is oxidized on dumps.
Tailings: Confined / Unconfined / Unknown

HYDROLOGY Not Tested. Seep by Adit 5, supports 10' diameter pond, but dries quickly downhill.

<table>
<thead>
<tr>
<th>Water flowing from workings</th>
<th>pH</th>
<th>Conductivity</th>
<th>Flow (GPM)</th>
<th>Sketch #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing water in workings:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water through/over tailings:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste rock:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ore:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Adjacent water sources: Type / pH / Conductivity / Flow (GPM) / Distance

| Ground water:                   |    |              |            |          |
| Surface water:                  |    |              |            |          |
| Surface H2O above site:         |    |              |            |          |
| Surface H2O below site:         |    |              |            |          |

Evidence of aquatic life: Location: Describe:

<table>
<thead>
<tr>
<th>Water bed color: White / Yellow / Yellow-Orange / Orange / Brown / Green / Grey-Black / Other</th>
</tr>
</thead>
</table>

Samples collected: Sketch #(s): No.

G. POTENTIAL HAZARDOUS MATERIALS (Provide numbers of features)

Chemical piles or spills / Acid or Chemical odor / Asbestos
Petrochemical Products / Dump sites
Power Substations / Transformers
Barrels, Tanks, Containers / Leaking: Contents:
Evidence of Underground Storage Tanks: Describe:

Other: Possible old 55 gallon drums in gulch down from Diebenow Gulch workings.
Looked old and empty.
H. RECLAMATION

SITE CONDITIONS
Erosion : Rills _____ / Gullies _____ / Sheetwash _____
Unstable Rock _____ / Slope instability _____ / Wind erosion _____

MITIGATION STATUS
None _____ / Fencing _____ / Signs _____ / Safety hazards mitigated _____
Other: ______________________________________________________

Mitigation condition: Good _____ / Fair _____ / Poor _____
Site ID tags : _____ / Locations: _______________________________

OPTIONAL: Identify the critical reclamation measures needed:

____ Cable nets, grates  ____ Topsoil, soil amendments
____ Permanent seal  ____ Revegetation
____ Gates  ____ Stabilize/destroy structures
____ Backfill openings, pit  ____ Drainage control
____ Recontour  ____ Water treatment
____ Fences  ____ Wildlife closure
____ Warning signs  ____ No action
____ Plug open drill holes  ____ Trash / clean up
____ Other: Only action needed is closure of Adit 3 in Diebenow Gulch at Edres Mine.

I. SITE SKETCH
Show orientation, approximate scale, access route, adjacent drainages, and locations of features on attached sketch map. Use the feature symbols provided in the map legend on page 6.

J. GLOBAL POSITIONING SYSTEM DATA  Yes  Rover File name:  HA-1191

K. PHOTOGRAPHS
Number of photographs taken: 11 photographs: roll 98-7 (Neg. #6729) frames 14-24.

L. ACTION
Site requires immediate investigation _____ by: Law Enforcement _____ / BLM _____
HAZMAT _____ / Other ___________________________________________

Reason: ______________________________________________________
_____________________________________________________________
_____________________________________________________________
_____________________________________________________________
M. FEATURES - PROVIDE DIMENSIONS IN FEET.

Utah-Bellevue Townsend Gulch Area.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Length</th>
<th>Width</th>
<th>Height or Depth</th>
<th>mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prospect 1</td>
<td>15'</td>
<td>5'</td>
<td>2'</td>
<td>OK as is. Located at saddle.</td>
</tr>
<tr>
<td>(Utah-Bellevue)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adit 1</td>
<td></td>
<td></td>
<td></td>
<td>Caved, upper adit.</td>
</tr>
<tr>
<td>Dump 1</td>
<td>20'</td>
<td>30'</td>
<td>10'</td>
<td></td>
</tr>
<tr>
<td>Adit 2</td>
<td></td>
<td></td>
<td></td>
<td>Caved. West side of ridge and lower down.</td>
</tr>
<tr>
<td>Dump 2</td>
<td>40'</td>
<td>30'</td>
<td>12'</td>
<td>OK.</td>
</tr>
<tr>
<td>Shaft 1</td>
<td>15'</td>
<td>15'</td>
<td>10+</td>
<td>Could be open or caved. Heavily vegetated.</td>
</tr>
<tr>
<td>Dump 5</td>
<td>30'</td>
<td>100'</td>
<td>20'</td>
<td>From Shaft 1.</td>
</tr>
<tr>
<td>Dump 6</td>
<td>100'</td>
<td>30'</td>
<td>20'</td>
<td></td>
</tr>
</tbody>
</table>

Diebenow Gulch Area.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Length</th>
<th>Width</th>
<th>Height or Depth</th>
<th>Mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adit 3</td>
<td>50'</td>
<td>3'</td>
<td>3'</td>
<td>Open, wood portal with rails coming out.</td>
</tr>
<tr>
<td>Dump 3</td>
<td>80'</td>
<td>120'</td>
<td>20'</td>
<td>Collapsed loading dock on dump.</td>
</tr>
<tr>
<td>Building 1</td>
<td></td>
<td></td>
<td></td>
<td>Collapsed, on Dump 3, with trash.</td>
</tr>
<tr>
<td>Dump 4</td>
<td>40'</td>
<td>180'</td>
<td>35'</td>
<td>Upper dump.</td>
</tr>
<tr>
<td>Adit 4</td>
<td></td>
<td></td>
<td></td>
<td>Caved. Upper level.</td>
</tr>
<tr>
<td>Adit 5</td>
<td></td>
<td></td>
<td></td>
<td>Caved. Water by entrance, rails sticking out, dump is part of Dump 3.</td>
</tr>
</tbody>
</table>

Field Notes:

See sketch map and narrative.

INSPECTED BY: V. Gillerman  TITLE: IGS Geologist  DATE: 7-14-98
INSPECTED BY: M. Dunn  TITLE: IGS Geologist  DATE: 7-14-98
Utah-Bellevue Mine (HA-1191):

Located on east and west side of ridge near head of Townsend Gulch. Two collapsed adits (Adits 1 and 2) with vegetated dumps are located on west side of ridge (photos 14-16). Quartz monzonite with quartz vein and iron oxides seen on dumps, minor lamprophyre as well. A partially caved shaft (Shaft 1, photo 23) and moderate sized dump (photo 24) are located along the Townsend Gulch road as it goes up the east side of the ridge. Trees and brush occupy the shaft, so it is unlikely someone would fall in, but the depth and size of the opening was difficult to estimate. We were told that a fire seven years ago destroyed the structures and the dense, brushy vegetation is partly due to the fire.

No major hazards seen and no action required at Utah-Bellevue Mine. However, road machinery should be cautious near the shaft and its dump, which is bisected by public road.

Edres Mine (IGS# HA-1189) located in adjacent Diebenow Gulch:

Numerous workings in Diebenow Gulch are accessible from Townsend Gulch road at site 00024 as road continues and contours around hill. Though road is quite visible, it had not been driven recently. Still, it is likely that hunters or hikers access Diebenow Gulch. According to Anderson (1950), the workings are most likely the Edres Mine.

Adits 3, 4 and 5 are located on several levels at the end of the road (photo 7). The multiple dumps are large and coalesce. Quartz monzonite and some lamprophyre dike material (a mafic porphyry) constitute the wall rock and dump material. Minor quartz and iron oxides were also seen. A collapsed building (photo 19) with associated trash (including wood, sheet metal, mattress, etc.) and a collapsed loading dock are on Dump 3. The main level (Adit 3) has a wood portal and is partially open at least 50 feet (photo 18). Rails extend out from the portal. The opening is about 3' high and should be closed or gated. The lower level (Adit 5, frames 21 and 22) had a small water seep which supported healthy looking sedges and willows. The surrounding hill is quite arid, and it did not appear that the water was a problem.
Utah-Bellvue Mine (HA-1191)

Edres Mine (Diebenow Gulch; HA-1189)

Figure 24-1: Sketch map of the Utah-Bellvue Mine site.
Figure 24-2: Topographic map of the Utah-Bellevue Mine site, Blaine County, Idaho (U.S. Geological Survey, Bellevue, 7.5 minute topographic map).
<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Frame Number</th>
<th>Direction</th>
<th>Location/Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-7 (Neg #6729)</td>
<td>14</td>
<td>015</td>
<td>Adit 1 and Dump 1 (Utah-Bellevue).</td>
</tr>
<tr>
<td>&quot;</td>
<td>15</td>
<td>060</td>
<td>Adit 2, lower main adit. Caved.</td>
</tr>
<tr>
<td>&quot;</td>
<td>16</td>
<td>130</td>
<td>Site overview of adits and dumps on west side of ridge.</td>
</tr>
<tr>
<td>&quot;</td>
<td>17</td>
<td>295</td>
<td>Adits and dumps in Diebenow Gulch (Edres Mine).</td>
</tr>
<tr>
<td>&quot;</td>
<td>18</td>
<td>290</td>
<td>Adit 3, open, 3' high opening with wood portal.</td>
</tr>
<tr>
<td>&quot;</td>
<td>19</td>
<td>320</td>
<td>Building 1, collapsed shed by Adit 3.</td>
</tr>
<tr>
<td>&quot;</td>
<td>20</td>
<td>065</td>
<td>Adit 4. Caved, on east side upper dump.</td>
</tr>
<tr>
<td>&quot;</td>
<td>21</td>
<td>090</td>
<td>Adit 5. Caved. Dumps 3 and 4, old scrap wood, with rain water pond by Adit and tree.</td>
</tr>
<tr>
<td>&quot;</td>
<td>22</td>
<td>090</td>
<td>Adit 5 with water, minimal flow, trees and grass. (Edres Mine)</td>
</tr>
<tr>
<td>&quot;</td>
<td>23</td>
<td>320</td>
<td>Shaft 1, caved, with pipe coming out. Heavily vegetated (Utah-Bellevue Mine).</td>
</tr>
<tr>
<td>&quot;</td>
<td>24</td>
<td>270</td>
<td>Dump 5, upper part by Shaft and Dump 6. lower part below road. Heavily vegetated.</td>
</tr>
</tbody>
</table>
A. SITE IDENTIFICATION
Other BLM ID Number: ______________________________
Locatable _____ / Leasable _____ / Salable _____
Operator (last known): ______________________________
Commodities: Primary ______________ / Secondary _______________
Other Agency ID Number: ___________________________ Agency: ______________

B. LOCATION DATA
Site is in _____ or within a mile _____ of:
ACEC _____ / WSA _____ / Wilderness Area _____ / Riparian Area _____
Nominated for Designation to National Wild & Scenic River System _____

C. ACCESS
Distance in Miles to Closest Public:
Road _____ Dwelling _____ School _____
Potable Water ______ Water Source _____ Trail _____
Campground/Picnic Area _____ Other Public Use _____

D. SITE DESCRIPTION
Nearest named drainage: ____________________________ Distance: _____________

G. POTENTIAL HAZARDOUS MATERIALS
Site is under regulatory action _____
CERCLIS Number ____________________________ OR
Federal Docket Number ____________________________

H. RECLAMATION: Closure Information
Clearances: Threatened & Endangered Species ______________________________________
Cultural Resources _________________________________________________
Historic ___________________________________________________________
Other _____________________________________________________________

Date reclamation completed: __________________________ Type of closure: ______________ Cost: ______________
Comments: ___________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Monitoring frequency: _______ Dates of monitoring visits: ____________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

(NOTE: The letters for the items above correspond to those on pp. 1 - 3 of this Checklist)
I. INTERVIEWS

Name
Address
Phone
Affiliation
Comments:

Name
Address
Phone
Affiliation
Comments:

Name
Address
Phone
Affiliation
Comments:
Figure 24-3: Adit 1, Dump 1 of Utah-Bellevue Mine. View looking 015° (Roll 98-7, neg. #6729, frame #14; photograph by V. S. Gillerman, July 14, 1998).

Figure 24-4: Adit 2, lower main adit. Caved. View looking 060°. (Roll 98-7, neg. #6729, frame #15; photograph by V. S. Gillerman, July 14, 1998).
Figure 24-5: Site overview of the adits and dumps on west side of ridge. View looking 130°. (Roll 98-7, neg. #6729, frame #15; photograph by V. S. Gillerman, July 14, 1998).

Figure 24-6: Adits and dumps in Diebenow Gulch, Edres Mine. View looking 295°. (Roll 98-7, neg. #6729, frame #17; photograph by V. S. Gillerman, July 15, 1998).
Figure 24-7: Adit 3, open. 3' high opening with wood portal. View looking 290°. (Roll 98-7, neg. #6729, frame #18; photograph by V. S. Gillerman; July 14, 1998).

Figure 24-8: Building 1, collapsed shed by Adit 3. View looking 320°. (Roll 98-7, neg. #6729, frame #19; photograph by V. S. Gillerman; July 14, 1998).
Figure 24-9: Adit 4, caved, on east side, upper dump. View looking 065°. (Roll 98-7, neg. #6729, frame #20; photograph by V. S. Gillerman, July 14, 1998).

Figure 24-10: Adit 5 with Dumps 3 and 4. Caved, with rain water pond by adit and tree, with old scrap lumber. View looking 090°. (Roll 98-7, neg. #6729, frame #21; photograph by V. S. Gillerman, July 14, 1998).
Figure 24-11: Edres Mine. Adit 5 with water, minimal flow, trees and grass. View looking 090°. (Roll 98-7, neg. #6729, frame #22, photograph by V. S. Gillerman; July 14, 1998).

Figure 24-12: Shaft 1, Utah-Bellevue Mine in Townsend Gulch. Caved (?) with pipe coming out. Heavily vegetated. View looking 320°. (Roll 98-7, neg. #6729, frame #23, photograph by V. S. Gillerman; July 14, 1998).
Figure 24-13: Dump 5, upper part by Shaft and Dump 6, lower part below road. Heavily vegetated. View looking 270°. (Roll 98-7, neg. #6729, frame #24; photograph by V. S. Gillerman; July 14, 1998).
A. SITE IDENTIFICATION

ID Number: 1 D - 0 0 5 4 - 0 0 3 4
Site/Mine Name: **Memorial Prospect** Primary Commodity: 540, 340
IGS Number: **HA-390** Rover file: **R070115A**

B. LOCATION DATA

USGS Quad: **Hailey** LAT: ___________ LONG: ___________ OR
UTM Coord: **4820822 N 719688 E Zone 11 AND**
Township: **T2N** Range: **R18E** Section: **14** Subdivision: **NW/NW**
Meridian: **08** County: **913**
Surface: BLM _X_/ Non-BLM ___ Mineral Estate: BLM _X_/ Non-BLM ___

C. ACCESS

Visible from: Nearest road _3_/ Trail _3_/ Population center _3_
Access by: 2wd _X_/ 4wd ___/ Hike ___/ Other ___
Access disturbance in need of reclamation: Length ___/ Width ___/ Acres ___
Road Log: **Road access from Hailey: dirt road starts behind Athletic Club parking lot.**

Recent human use: _Y_ Describe: Recent beer cans, clothing, graffiti in open adits.

D. SITE DESCRIPTION

Acreage: 5 (?) Elevation: **5600'-5800'**
General slope (degrees): 0-10 ___/ 11-35 _X_/ >35 ___
Floodplain: Disturbance in ___/ Adjacent to ___/ NA _X_
Recent mineral activity _N_ Describe: 1950's workings according to literature.

E. MINING/EXPLORATION FEATURES (Provide numbers of features)

Open adits _7+/ Closed adits _3_/ Open inclines ___/ Closed inclines ___
Open shafts _0_/ Closed shafts _0_/ Stopes _?_
Other openings ___ Type **Note: Adits are mostly declines stopped along flat faults/brecce/bedding.**

Trenches ___ Length ________/ Prospects ___/ Open drill holes ___
Pits >30 ft. deep ___/ Pits <30 ft. deep ___/ Pit highwall length ________
Waste dumps: <0.1 ac _7_/ 0.1 - 5 ac _3_/ >5 ac ___
Tailings: <0.1 ac ___/ 0.1 - 5 ac ___/ >5 ac ___
Heaps _0_/ Dredge ___/ Ponds ___/ Dams ___
Mills _0_ Type ___, ___:
Explosives _No_ Describe: ____________________________
Equipment/Machinery ___/ Headframes ___/ Trestles/tramways ___
Powerlines ___
Structures ___ Type _____________________________
Condition: Good ___/ Fair ___/ Poor ___/ Number Locked ___ Homesites ___
Other: Rusty barbed wire and a few pieces of lumber on the dumps.
F. ENVIRONMENTAL FEATURES

VEGETATION
Vegetation: Healthy X / Stressed ___ / Dead ____ / Nonexistent _____
Evidence of natural revegetation: ____ / Describe: Dumps have large sage.

ANIMALS

GEOLOGY
Staining of soils Y Describe: Fe stain
Sulfide minerals N Type(s): All oxide ore
Tailings: Confined ____ / Unconfined ____ / Unknown ____

HYDROLOGY
Water flowing from workings: ___ pH Conductivity Flow (GPM) Sketch #
Standing water in workings: ___ ___ ___ ___ ___
Water through/over tailings: ___ ___ ___ ___ ___
waste rock: ___ ___ ___ ___ ___
ore: ___ ___ ___ ___ ___
Adjacent water sources:
Ground water:
Surface water:
Surface H2O above site:
Surface H2O below site:
Evidence of aquatic life: ____ Location: _________ Describe: _______________________

Water bed color: White ___ / Yellow ___ / Yellow-Orange ___ / Orange ___
Brown ___ / Green ___ / Grey-Black ____ / Other __________
Samples collected: ____ Sketch # (s): __________________________________________

G. POTENTIAL HAZARDOUS MATERIALS (Provide numbers of features)

Chemical piles or spills ____ / Acid or Chemical odor ____ / Asbestos _____
Petrochemical Products ____ / Dump sites ______
Power Substations ____ / Transformers ______
Barrels, Tanks, Containers ____ Leaking: ____ Contents: ____________________________
Evidence of Underground Storage Tanks: ____ Describe: ____________________________

Other: ____________________________________
H. RECLAMATION

SITE CONDITIONS
Erosion: Rills 0 / Gullies ____ / Sheetwash ____
Unstable Rock 0 / Slope instability No / Wind erosion ____

MITIGATION STATUS
None X / Fencing ____ / Signs ____ / Safety hazards mitigated ____
Other: _____________________________________________________________

Mitigation condition: Good ____ / Fair ____ / Poor ____
Site ID tags: ____ / Locations: ______________________________________

OPTIONAL: Identify the critical reclamation measures needed:

X Cable nets, grates ______ Topsoil, soil amendments
X Permanent seal ______ Revegetation
X Gates ______ Stabilize/destroy structures
X Backfill openings, pit ______ Drainage control
_____ Recontour ______ Water treatment
_____ Fences ______ Wildlife closure
_____ Warning signs ______ No action
_____ Plug open drill holes X Trash / clean up
_____ Other: Note: Open adits have been explored by people, used for parties, fires. Need to gate or close adits.

I. SITE SKETCH
Show orientation, approximate scale, access route, adjacent drainages, and locations of features on attached sketch map. Use the feature symbols provided in the map legend on page 6.

J. GLOBAL POSITIONING SYSTEM DATA Yes __ Rover File name: R 070115A

K. PHOTOGRAPHS
Number of photographs taken: 14: Roll 99-1, Negative# 6187, frames 12-25

L. ACTION
Site requires immediate investigation X by: Law Enforcement ____ / BLM X HAZMAT ____ / Other____

Reason: Physical hazards, close to town.
### M. FEATURES - PROVIDE DIMENSIONS IN FEET.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Length</th>
<th>Width</th>
<th>Height or Depth</th>
<th>mitigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adit 1</td>
<td></td>
<td></td>
<td></td>
<td>Caved</td>
</tr>
<tr>
<td>Dump 1 (Adit 1)</td>
<td>50'</td>
<td>15'</td>
<td>5'</td>
<td>Vegetated</td>
</tr>
<tr>
<td>Adit 2</td>
<td></td>
<td></td>
<td></td>
<td>Caved</td>
</tr>
<tr>
<td>Dump 2</td>
<td>30'</td>
<td>20'</td>
<td>15'</td>
<td>OK</td>
</tr>
<tr>
<td>Adit 3. 2 drifts, one decline with steep drop off.</td>
<td>50'+</td>
<td>15'</td>
<td>4'</td>
<td>Open, used for parties</td>
</tr>
<tr>
<td>Dump 3</td>
<td>25'</td>
<td>15'</td>
<td>10'</td>
<td>OK</td>
</tr>
<tr>
<td>Adit 4</td>
<td>30'+(?)</td>
<td>5'</td>
<td>3'</td>
<td>Open on right drift</td>
</tr>
<tr>
<td>Dump 4</td>
<td>30'</td>
<td>25'</td>
<td>12'</td>
<td>Vegetated</td>
</tr>
<tr>
<td>Adit 5 (~25 degree decline)</td>
<td>40'+</td>
<td>4'</td>
<td>2'</td>
<td>Open</td>
</tr>
<tr>
<td>Dump 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adit 6</td>
<td>25'</td>
<td>15'</td>
<td>3'</td>
<td>Open ~25' deep room</td>
</tr>
<tr>
<td>Dump 6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adit 7</td>
<td>40'</td>
<td>10'</td>
<td>2'</td>
<td>Open at S50E. 35 degree decline</td>
</tr>
<tr>
<td>Dump 7</td>
<td>30'</td>
<td>15'</td>
<td>10'</td>
<td></td>
</tr>
<tr>
<td>Adit 8</td>
<td>50'+</td>
<td>15'</td>
<td>4'</td>
<td>Open, 35 degree decline</td>
</tr>
<tr>
<td>Dump 8</td>
<td>25'</td>
<td>15'</td>
<td>8'</td>
<td>Rocky</td>
</tr>
<tr>
<td>Adit 9</td>
<td>200'+</td>
<td>10'</td>
<td>5'</td>
<td>Open, very dangerous 45 degree decline</td>
</tr>
<tr>
<td>Dump 9</td>
<td>50'</td>
<td>15'</td>
<td>10'</td>
<td>Large, vegetated</td>
</tr>
<tr>
<td>Dump 10</td>
<td>20'</td>
<td>8'</td>
<td>10'</td>
<td></td>
</tr>
<tr>
<td>Feature</td>
<td>Length</td>
<td>Width</td>
<td>Height or Depth</td>
<td>mitigation</td>
</tr>
<tr>
<td>---------</td>
<td>--------</td>
<td>-------</td>
<td>----------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Adit 10</td>
<td></td>
<td></td>
<td></td>
<td>Caved.</td>
</tr>
<tr>
<td>Road 1</td>
<td></td>
<td></td>
<td></td>
<td>From Athletic Club to mine site.</td>
</tr>
</tbody>
</table>

INSPECTED BY: **Virginia Gillerman**  TITLE: **IGS Geologist**  DATE: **July 1, 1999**

INSPECTED BY: **Forrest Griggs**  TITLE: **IGS Geologist**  DATE: **July 1, 1999**
Workings east of and visible from Hailey airport and Highway 75. Located near a draw.
Adit 1 is lowermost adit.
Adit 3: Wide open, with two drifts. Lower and northern one is decline, open at least 50'. Main drift goes in at least 30' due east, with graffiti on wall where it turns.

Adit 4: Similar with caved left drift and main center drift which goes down gently. May be caved ~30-40' inside, but we could not see well.
There is also a third opening, ~2' high to the right.
Adit 6: Same elevation and to the west of Adit 5. Appears to end in ~25' with old blanket and wood in back. Opening slopes down with caved roof, possibly covering more decline.
Adit 7: ~35° decline to S50E (130°). May end at bottom (~40’) or curve to left out of view. Adit goes in and opens out to stope along iron oxide and flat fault breccia.
Adit 8: Far right (West) and uppermost on nose of ridge. Goes in and widens to stope. Fe oxide. Flat fault.
Adit 9: Open, stoped out 5' high along 6” iron stained fault breccia. Decline ~45°, goes down ~100' and turns right. Floor is smoothed off, would require ropes to climb out. Graffiti and spray paint over portal.

**VERY DANGEROUS**

All adits have rock fall from roof. The adits rank as high priority based on human accessibility and numerous safety hazards.
At least 10-11 adits were logged; Adit 5 had at least two separate openings.
This site is either on BLM or very near it.
Several of the adits (declines) have been entered. They are very accessible and very visible from major tourist highway from Hailey to Sun Valley. Adits #3,7,8, and 9 most dangerous, with #9 being the most hazardous.
Figure 34-1: Sketch map of the Memorial Prospect site.
Memorial Prospect
BLM#: ID-0054-0034
IGS#: HA-390

Problems:
- Site easily accessible, visible from highway between Bellevue and Hailey.
- Adit 9 declines at a dangerous slope (~45 degrees).
- Adit 3: two drifts, north drift declines, south drift remains horizontal.
- Adit 7 declines ~35 degrees.
- Evidence of recent human activity: graffiti, trash, clothing found in several adits.

Figure 34-2: Area map of the Memorial Prospect site, Blaine County, Idaho (U.S. Geological Survey, Hailey, 7.5 minute topographic map).
Fill out the following for each photo:

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Frame Number</th>
<th>Direction</th>
<th>Location/Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>99-1, Negative 6187</td>
<td>12</td>
<td>180</td>
<td>Dump 1 and site ID point.</td>
</tr>
<tr>
<td>&quot;</td>
<td>13</td>
<td>280</td>
<td>Upper Dumps and main dump.</td>
</tr>
<tr>
<td>&quot;</td>
<td>14</td>
<td>060</td>
<td>Adit 2, caved, w/Dump 3 in back.</td>
</tr>
<tr>
<td>&quot;</td>
<td>15</td>
<td>260</td>
<td>Dump 2, w/ Hailey airport in back.</td>
</tr>
<tr>
<td>&quot;</td>
<td>16</td>
<td>055</td>
<td>Adit 3 opening w/ graffiti.</td>
</tr>
<tr>
<td>&quot;</td>
<td>17</td>
<td>090</td>
<td>Adit 3 drift w/ trash, graffiti.</td>
</tr>
<tr>
<td>&quot;</td>
<td>18</td>
<td>090</td>
<td>Adit 4 drift, goes in 090 and curves right.</td>
</tr>
<tr>
<td>&quot;</td>
<td>19</td>
<td>115</td>
<td>Adit 5, decline, open and may drop off.</td>
</tr>
<tr>
<td>&quot;</td>
<td>20</td>
<td></td>
<td>Adit 6 (?)</td>
</tr>
<tr>
<td>&quot;</td>
<td>21</td>
<td>115</td>
<td>Adit 7, decline portal.</td>
</tr>
<tr>
<td>&quot;</td>
<td>22</td>
<td>115</td>
<td>Adit 8, 35° decline, open.</td>
</tr>
<tr>
<td>&quot;</td>
<td>23</td>
<td>100</td>
<td>Adit 9, 5' stope, decline ~45°.</td>
</tr>
<tr>
<td>&quot;</td>
<td>24</td>
<td>140</td>
<td>Upper dumps, (Adits 7.8.9) with middle</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>115</td>
<td>(Adits 3.4.5.6) below, (All open)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dumps 2-10. Only Adits 2 and 10 are caved.</td>
</tr>
</tbody>
</table>
A. SITE IDENTIFICATION
Other BLM ID Number: ____________________________________________
Locatable _____ / Leasable _____ / Salable _____
Operator (last known): ____________________________________________
Commodities: Primary __________________ / Secondary __________________
Other Agency ID Number: ________________________ Agency: ____________

B. LOCATION DATA
Site is in ______ or within a mile ______ of:
ACEC _____ / WSA _____ / Wilderness Area _____ / Riparian Area _____
Nominated for Designation to National Wild & Scenic River System ______

C. ACCESS
Distance in Miles to Closest Public:
   Road _________   Dwelling _______   School _____
   Potable Water _______   Water Source _______   Trail _______
   Campground/Picnic Area _______   Other Public Use _______

D. SITE DESCRIPTION
Nearest named drainage: ____________________________________________
Distance: __________________

G. POTENTIAL HAZARDOUS MATERIALS
Site is under regulatory action ______
CERCLIS Number _____________________________ OR
Federal Docket Number _____________________________

H. RECLAMATION: Closure Information
Clearances: Threatened & Endangered Species ________________________
   Cultural Resources _____________________________
   Historic _____________________________
   Other _____________________________

Date reclamation completed: ____________________________ Cost: ____________
Type of closure: ____________________________________________ Cost: ____________
Comments: ____________________________________________
   ____________________________________________
   ____________________________________________
   ____________________________________________

Monitoring frequency: _________ Dates of monitoring visits: ____________
   ____________________________________________
   ____________________________________________
   ____________________________________________
   ____________________________________________
   ____________________________________________

(NOTE: The letters for the items above correspond to those on pp. 1 - 3 of this Checklist)
I. INTERVIEWS

Name ____________________________________________
Address ____________________________________________

Phone ____________________________________________
Affiliation ________________________________________

Comments: ________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________

Name ____________________________________________
Address ____________________________________________

Phone ____________________________________________
Affiliation ________________________________________

Comments: ________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________

Name ____________________________________________
Address ____________________________________________

Phone ____________________________________________
Affiliation ________________________________________

Comments: ________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
Figure 34-3: Dump #1 and site ID point for Memorial Prospect. View looking 180° (Roll 99-1, neg. #6187, frame 12; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-4: Upper dumps. View looking 280° (Roll 99-1, neg. #6187, frame 13; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-5: Adit 2, caved, with Dump 3 in back. View looking 060° (Roll 99-1, neg. #6187, frame 14; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-6: Dump #2 of Memorial Prospect, with Hailey airport in back. View looking 260° (Roll 99-1, neg. #6187, frame 15; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-7: Adit 3 opening with graffiti. View looking 055° (Roll 99-1, neg. #6187, frame 16; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-8: Adit 3 drift, with trash and graffiti. View looking 090° (Roll 99-1, neg. #6187, frame 17; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-9: Adit 4 drift. Goes in 090° and curves right. View looking 090° (Roll 99-1, neg. #6187, frame 18; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-10: Adit 5 decline, open, and may drop off. View looking 115° (Roll 99-1, neg. #6187, frame 19; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-11: Adit 6 (?) (Roll 99-1, neg. #6187, frame 20; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-12: Adit 7 decline. View looking 115° (Roll 99-1, neg. #6187, frame 21; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-13: Adit 8, 35° decline, open. View looking 115° (Roll 99-1, neg. #6187, frame 22; photographed by V.S. Gillerman; July 1, 1999).

Figure 34-14: Adit 9. 5' high opening stoped on 45° decline. View looking 100° (Roll 99-1, neg. #6187, frame 23; photographed by V.S. Gillerman; July 1, 1999).
Figure 34-15: Upper dumps and adits (9,8,7) with middle (3,4,5,6) row of cuts below and to right. View looking 140° (Roll 99-1, neg. #6187, frame 24, photographed by V.S. Gillerman; July 1, 1999).

Figure 34-16: Dumps 2 through 10. Only Adits 2 and 10 are caved. View looking 115° (Roll 99-1, neg. #6187, frame 25, photographed by V.S. Gillerman; July 1, 1999).