

## **FISHER CREEK**

### **SITE #13**

#### **MINFILE# 105M001o**

#### **1. LOCATION AND ACCESS**

The Fisher Creek site is on the lower southeast slope of Galena Hill at an elevation of 990m. It is roughly 1 km north of the Duncan Creek Road, 6km southwest of Keno City. The approximate UTM co-ordinates for the site are 7 083 700m N and 481 000m E. The site can only be accessed by foot.

#### **2. SITE PHYSIOGRAPHY**

The Fisher Creek site is moderately sloped (roughly 15 to 20°) to the southeast. The area is well vegetated with spruce trees and shrubs. A thick (~10 cm) layer of moss covers the ground. The surface runoff from the mine site flows eastward into Fisher Creek, a tributary of Duncan Creek, located at an elevation of 880m over 1 km to the south. Fisher Creek was dry at the time of the site visit. No surface water was encountered at the mine site.

#### **3. GEOLOGY AND MINERALIZATION**

The host rocks are the Hyland Group schist, phyllite and psammite. The vein material consists of galena, sphalerite, freibergite and pyrite in a gangue of quartz, calcite and altered siderite (Minfile #105M001o). No outcropping of rock was found at the site.

#### **4. SITE HISTORY**

Many pits and prospect shafts were worked prior to 1962 on three veins within a 600m by 600m area. Between 1964 and 1965 bulldozer trenching was completed by United Keno Hill Mines.

#### **5. MINE DEVELOPMENT**

The only evidence of mine development that could be located during the site visit was two trenches. The site is overgrown by thick alders and it is possible that other mine workings are covered by the bush. However, access to these workings would be difficult.

## **5.1 Mine Openings and Excavations**

### **Trench 1 (photo 13-1)**

Trench 1 is has become overgrown with trees and shrubs.

Location: On the western side of a small valley that runs south to the Duncan Creek Road. The length of the trench is perpendicular to the small valley.

Dimensions (L x W x H): 12m x 2m x 1.5m

Condition: There is no evidence of slumping of the trench walls, which were stable at the time of the site visit.

Accessibility: The trench is accessible by foot.

### **Trench 2 (photo 13-2)**

Trench 2 is shallow but wide. Sparse vegetation is growing within the trench.

Location: Roughly 200m to the northwest of trench 1.

Dimensions (L x W x H): 10m x 4m x 1m

Condition: There is no evidence of slumping of the trench walls.

Accessibility: The trench is accessible by foot.

## **5.2 Waste Rock Disposal Areas**

The trenches are in overburden; no waste rock piles were observed

## **5.3 Tailings Impoundments**

No ore was processed at this site; no tailings were observed.

## **5.4 Minesite Water Treatment**

There is no water treatment facility at this site.

## **6. MINE SITE INFRASTRUCTURE**

One collapsed log cabin (Building 13A) was encountered.

### **6.1 Building 13A (photo 13-3)**

Dimensions (L x W x H): 2m x 3m x 2m

Location: The cabin is located 400m west of trench 1.

Construction: The sides and roof of cabin are constructed of logs.

Contents: The cabin was empty.

**7. SOLID WASTE DUMPS**

No solid waste dumps were observed at this site.

**8. POTENTIAL CONTAMINANTS OF CONCERN**

There are no potential contaminants of concern at this site.

**9. WATER QUALITY**

No creeks or streams were encountered at the site, and no water quality samples were collected.

**10. RECLAMATION**

The site has begun to naturally revegetate. The vegetation appears healthy.

**11. REFERENCES**

Minfile #105M001o



Photo 13-1: Aerial shot of trench #1. (Azimuth 180°)



Photo 13-2: Aerial shot of trench #2. (Azimuth 280°)





Photo 13-3: Aerial shot of the collapsed log cabin. (Azimuth 260°)