

**CHRISTINE (#51)**  
**(MINFILE# 105M 012)**

**1. LOCATION AND ACCESS**

The Christine site is located at the peak of Bunker Hill. It is about 7 km east of Keno and accessible by helicopter. The UTM coordinates for the Christine site are 7085200 m N 492300 m E. Its elevation is about 1825 m.

**2. SITE PHYSIOGRAPHY**

The Christine site consists of a single trench dug on the southwest flank of Bunker Hill near the summit. The overburden at the site consists of large boulders about 30 cm in diameter. Surface water runoff drains towards Thunder Gulch.

**3. GEOLOGY AND MINERALIZATION**

The major rock type observed at the Christine site was grey quartzite. Greenstone was a minor rock type observed at the site. The minfile reports a vein up to 3 m wide exposed over 100 m. This veining is reported to contain erratic lenses of galena up to 30 cm wide.

**4. SITE HISTORY**

The minfile reports that trenching was done by hand at the Christine site during 1920. It also reports that bulldozer trenching was conducted in the late 1960s.

**5. MINE DEVELOPMENT**

**5.1 Mine Openings and Excavations**

Trench 1 (photo 51-1)

Trench 1 was the only development observed at the Christine site.

Dimensions: 24 m x 2 m x 1.5 m – longitudinal bearing AZ 130

Condition: stable

**5.2 Waste Rock Disposal Areas**

A small pile of overburden is located at the northwest end of the trench. There were no waste rock piles containing mineralization observed at the site.

### **5.3 Tailings Impoundments**

No tailings were observed at the Christine site.

### **5.4 Minesite Water Treatment**

No water treatment occurs at the Christine site.

## **6. MINE SITE INFRASTRUCTURE**

No infrastructure was observed at the Christine site

## **7. SOLID WASTE DUMPS**

No solid waste dumps were observed at the Christine site.

## **8. POTENTIAL CONTAMINANTS OF CONCERN**

An empty 45 gallon jet fuel drum was observed at the site about 20 m west of Trench 1. No potential contaminants of concern were observed at the Christine site.

## **9. WATER QUALITY**

No surface water was observed at the Christine site. Surface water runoff from the area drains towards Thunder Gulch. No water quality samples were taken at this site.

## **10. RECLAMATION**

There is no vegetation occurring at the Christine site due to its elevation and soil conditions. The development at this site has not disturbed the area significantly.



Photo 51-1: View along length of Trench 1 at Christine site. (Azimuth  $130^{\circ}$ )