BEMA (#75)
(MINFILE# 105M 073)

1. LOCATION AND ACCESS

The Bema site is located on the side of the southwest slope of McMillan Gulch. It is about 10 km east of Keno and accessible by helicopter. The UTM coordinates for the Bema site are 7087360 m N 494960 m E. Its elevation is about 1375 m.

2. SITE PHYSIOGRAPHY

The Bema site consists of a single trench dug along the contour of a hill. The overburden at the site is composed of boulders about 20 cm in diameter. Water runoff drains towards McMillan Gulch.

3. GEOLOGY AND MINERALIZATION

The major rock type observed at the Bema site was grey quartzite. The mineralization observed included white quartz veining and minor limonite. The minfile reports 3 zones of quartz veining at the site. Two of these veins are reported to contain disseminated galena with Ag; the third is reported to contain minor disseminated arsenopyrite with Ag and Au.

4. SITE HISTORY

The minfile reports that work at the site from 1979 to 1981 was restricted to geochemistry.

5. MINE DEVELOPMENT

5.1 Mine Openings and Excavations

Trench 1 (photo 75-1)

Trench 1 is the only development at the Bema site. It is an exploratory bulldozer trench cut along the contour of the hill. A ripper slot extends about 150 m north down a spur from the trench.

Dimensions: 118 m x 3 m x 1.5 m
Condition: stable

5.2 Waste Rock Disposal Areas

A small pile of overburden is located on the downhill side 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 Bema site.

5.4 Minesite Water Treatment

No water treatment occurs at the Bema site.

6. MINE SITE INFRASTRUCTURE

No infrastructure was observed at the Bema site

7. SOLID WASTE DUMPS

No solid waste dumps were observed at the Bema site.

8. POTENTIAL CONTAMINANTS OF CONCERN

No potential contaminants of concern were observed at the Bema site.

9. WATER QUALITY

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

10. RECLAMATION

The Bema site is naturally sparse in vegetation due to poor soil conditions. The development at the Bema site has not disturbed the existing vegetation significantly.

Photo 75-1: View along length of trench cut into side of hill (Trench1) at Bema site.