MT. HINTON (#68)
MINFILE# 105M 052

1. LOCATION AND ACCESS

The Mt. Hinton site lies on the northern face of Mount Hinton at the head of McNeil Gulch. The site can be accessed in good weather conditions by helicopter. It is about 11 km east-southeast from Keno City. There were two workings observed at the site during a helicopter fly-by. Poor flying conditions prevented access to the site. The UTM coordinates for the adits are approximately 7083250 m N 494450 m E and 7083370 m N 495070 m E. The minfile reports the presence of three occurrences at the Mt. Hinton site. The workings observed from the air are presumed to be the Centre occurrence and the Northeast occurrence. The elevation of the Centre occurrence is about 1750 m. The elevation of the Northeast occurrence is about 1600 m. A Southwest occurrence was not observed.

2. SITE PHYSIOGRAPHY

The Mt. Hinton site lies on a very steep rocky slope, part of the McNeil cirque. Surface water runoff from this area drains towards McNeil Gulch.

3. GEOLOGY AND MINERALIZATION

The geology of the site could not be verified due to access problems. The minfile reports the occurrence of 35 veins in the area. The host rocks are medium to thick bedded quartzite and carbonaceous phyllite with greenstone lenses. The veins are mineralized with arsenopyrite, galena, jamesonite, pyrite, sphalerite, siderite and gold in a quartz gangue.

4. SITE HISTORY

The minfile reports that the Mt. Hinton site was first developed at the Northeast occurrence in 1941. The workings consisted of hand trenching and a 37 m adit. Trenching, drilling and shafting took place at the Centre occurrence from 1966 to 1968. Drilling occurred at the Southwest occurrence in 1980. In 1984, a 48 m crosscut adit and 49 m of drifting was developed at the site.

5. MINE DEVELOPMENT

5.1 Mine Openings and Excavations

Poor flying conditions prevented access to the site and exploration of the mine workings. The minfile reports that the Mt. Hinton site has two adits and a shaft. It appears as if there is an adit at

the Northeast occurrence (photo 68-1). The Centre occurrence appears to be the site of a shaft and possibly an adit (photo 68-2). The Southwest occurrence was not observed.

5.2 Waste Rock Disposal Areas

Any waste rock disposal areas at the Mt. Hinton site would have been covered in snow and therefore unobservable from the helicopter.

5.3 Tailings Impoundments

No tailings were observed at the Mt. Hinton site.

5.4 Minesite Water Treatment

No water treatment occurs at the Mt. Hinton site.

6. MINE SITE INFRASTRUCTURE

6.1 Buildings

A small wooden shack was observed at the Northeast occurrence. The details about the structure and contents of the shack are unknown.

6.2 Fuel Storage

There was no fuel storage observed at the Mt. Hinton site.

6.3 Rail and Trestle

There was no evidence of rail and trestle at the Mt. Hinton site.

6.4 Milling and Processing Infrastructure

There was no evidence or record of milling or processing activities occurring at the Mt. Hinton site.

6.5 Electrical Equipment

There was no electrical equipment observed at the Mt. Hinton site.

7. SOLID WASTE DUMPS

No solid waste dumps were observed at the Mt. Hinton site.

8. POTENTIAL CONTAMINANTS OF CONCERN

No potential contaminants of concern were observed at the Mt. Hinton site.

9. WATER QUALITY

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

10. RECLAMATION

The Mt. Hinton site lies on the face of a steep rocky slope unsuitable for significant vegetation growth. There have been no known reclamation measures carried out by past or present operators of the site.

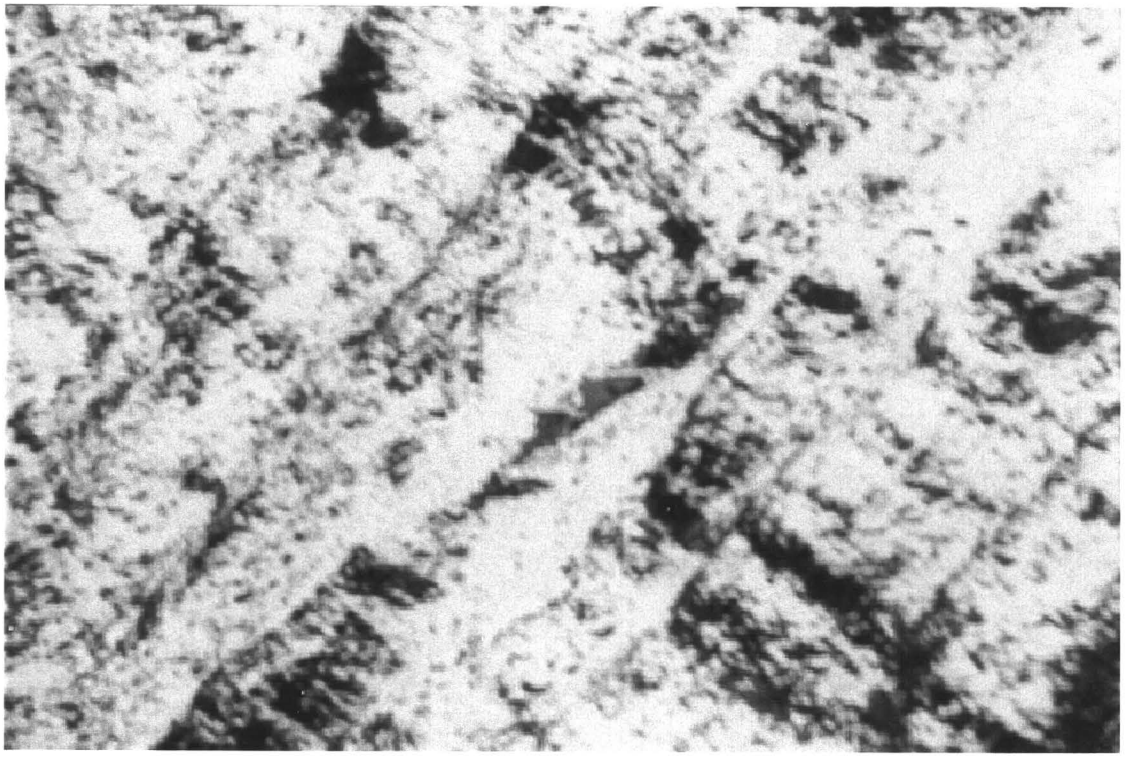

Photo 68-1: Aerial photograph of Mt. Hinton Adit1 located at centre of photograph.

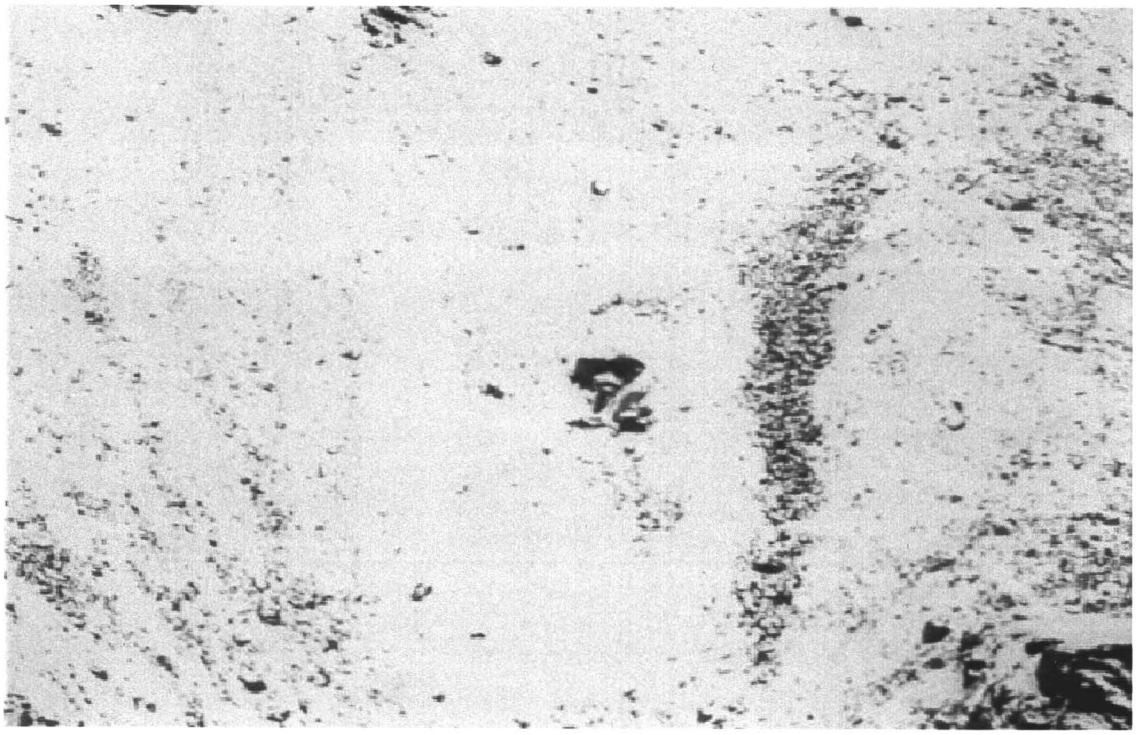

Photo 68-1: Aerial photograph of Mt. Hinton Adit2 located at centre of photograph.