

**DEVON**  
**SITE #41**  
**MINFILE# 105M 001az**

**1. LOCATION AND ACCESS**

The site is located on the south side of Keno Hill, approximately 1km north-northwest of the junction of Lightning Creek and McNeill Gulch. There are no trails to the property, but Hope Gulch and Beauvette Hill Trails are nearby. The approximate UTM co-ordinates for the adit are 7 088 855m N and 493 100m E and for the trenching are 7 089 100m N and 493 500m E (Latitude: 63° 55' 42" N and Longitude: 135° 09' 34" W).

**2. SITE PHYSIOGRAPHY**

The Devon site area is located on a moderate to steep south-facing slope of Keno Hill at an elevation of 5000ft (1520m), at the base of a talus slope. The site is above treeline and is well vegetated with small shrubs, grasses and moss. The surface run-off from the mine site flows southward to Lightning Creek, located roughly 1km downslope.

**3. GEOLOGY AND MINERALIZATION**

At the showing, on a moderate to steep slope, the only evidence of exploration work is a collapsed adit, or shallow shaft, at the base of a talus slope. A nearby small sorted dump of vein material contains oxidized siderite with galena in 5 - 10mm veinlets. Keno Hill Quartzite underlies the area around the showing.

The bulldozer trenching, approximately 600m to the east of the showing, exposed Earn Group rusty carbonaceous and quartz carbonaceous phyllite. A very weak, poorly exposed vein containing oxidized siderite cuts the phyllite.

**4. SITE HISTORY**

The site is comprised of two small areas, there is an adit to the west, and there are three bulldozer trenches roughly 600m east of the adit. Both were excavated prior to 1962.

**5. MINE DEVELOPMENT**

There is one collapsed adit with a small dump of waste rock nearby. Three bulldozer trenches are located roughly 600m to the east of the adit. No ore was processed at this site and no tailings were encountered. There is no water treatment facility at this site. Site details are located on Figure 1; site photos are located in Attachment 1.

## 5.1 Mine Openings and Excavations

### Devon Adit

The adit is located at the base of a talus slope. Broken timbers indicate where the entrance was, however, the adit has collapsed and can no longer be accessed. The small waste rock pile a few meters south of the adit suggests that the adit was not developed very far. The ground around the adit appeared stable at the time of the site visit.

### Trenches (photo 41-1)

There are three trenches to the east of the adit. The walls of the trenches are comprised of stripped overburden and bedrock and appeared stable at the time of the site visit. All three trenches are roughly 5m wide by a maximum of 4m high. The first two trenches (T1 and T2) measure about 30m in length and the third trench (T3) about 65m in length. All three trenches were accessible by foot.

## 5.2 Waste Rock Disposal Areas

There is a small waste rock pile outside of the adit. Waste rock associated with the trenching is comprised of predominantly overburden and is located along the sides of the trenches.

### Waste rock pile #1

A small, sorted, dump of vein material was noted near the collapsed adit. The material contained oxidized siderite with galena in 5 - 10mm veinlets.

Location: The pile is located 10m south of the adit, immediately to the east of a wood frame building.

Dimensions: The volume of the pile is roughly 0.5m<sup>3</sup>.

Sampling: No samples were collected.

## 6. MINE SITE INFRASTRUCTURE

There is one wood frame building located near the adit. No other mine site infrastructure, including rail and trestle, electrical equipment or fuel storage, was encountered.

### 6.1 Building 41A (photo 41-2)

There is an old frame (heavy timber structure) cabin located about 10m to the south of the adit.

Dimensions (L x W x H): 4m x 3m x 4m

Paint: none

Asbestos: There was some asbestos tar paper cladding on the building and on the ground.

Foundation: none

Non-Hazardous Contents: none

Hazardous Contents: none

**7. SOLID WASTE DUMPS**

There were no solid waste dumps observed at this site.

**8. POTENTIAL CONTAMINANTS OF CONCERN**

No hazardous materials were encountered at this site. Potential contaminants of concern may include any metals washing from the waste rock pile or the trench walls.

**9. WATER QUALITY**

There was no surface water encountered at this site.

**10. RECLAMATION**

Natural revegetation has been slow in this area due to the higher elevation. Some grasses are starting to grow in the collapsed adit area.

**11. REFERENCES AND PERSONAL COMMUNICATIONS**

United Keno Hill Mines Limited. 1996. *United Keno Hill Mines Limited – Site Characterization*. Report No. UKH/96/01, prepared by Access Mining Consultants Limited.

United Keno Hill Mines Limited. 1996. *United Keno Hill Mines Limited – Site Characterization, Technical Appendices I-VI*. Report No. UKH/96/01, prepared by Access Mining Consultants Limited.





Photo 41-1 : Devon. View of Trench #3. (Azimuth  $052^{\circ}$ )



Photo 41-2 : Devon. Building 41A, located 10m south of the Adit.. (Azimuth  $280^{\circ}$ )