

MAYBRUN(#53)
(MINFILE#105M 014)

1. LOCATION AND ACCESS

The Maybrun site is located on the south side of Thunder Gulch at the confluence of two creeks about 1.5 km south of Lightning Creek. The site can be accessed by driving to the end of Thunder Gulch Trail and scrambling across the placer mining developments in Thunder Gulch. The approximate UTM co-ordinates of the site are 7085540 m N 488040 m E. The elevation of the site is approximately 1175 m.

2. SITE PHYSIOGRAPHY

The Maybrun site lies on the south side of Thunder Gulch. A cabin and an adit discovered at the site are near to the creek. They are surrounded by large piles of boulders and gravel displaced by a placer mining operation in Thunder Gulch. A collapsed shaft is located uphill from the adit. Surface water drainage in this area flows towards Thunder Gulch.

3. GEOLOGY AND MINERALIZATION

The major rock type observed at the Maybrun site was fine to coarse bedded quartzite which had minor rusting. Pale green phyllite was a minor rock type observed. The mineralization observed at the site included quartz vein material and minor limonite.

4. SITE HISTORY

The minfile reports that the Maybrun site was host to up to 6 shafts and 4 adits. Work conducted at these development took place consistently from 1920 to 1994. It is estimated that at least 400 tonnes of ore were shipped from this site. Only one adit and one shaft were found at the Maybrun site.

5. MINE DEVELOPMENT

5.1 Mine Openings And Excavations

Adit 1 (photo 53-1)

Location: on the south side of Thunder Gulch behind large piles of placer tailings

Dimensions (H x W x L): 2.3 m x 2.8 m x 10 m plus drifting (about 10 m)

Supports: wood portal; underground developments appear to be unsupported

Condition: appears stable

Accessibility: open

Shaft 1 (photo 53-2)

Description: collapsed shaft

Location: 50 m south of adit up a steep slope

Dimensions (L x W x H): unknown

Supports: unknown

Condition: collapsed and filled in to surface level

Accessibility: shaft site is accessible from a trail leading up the hill from Building 53A

5.2 Waste Rock Disposal Areas

A waste rock pile is located west of Adit 1 and below Shaft 1. It is composed of overburden and quartzite waste rock. The waste rock has minor rusting. The waste rock pile is 50% revegetated.

5.3 Tailings Impoundments

No tailings were observed at the Maybrun site.

5.4 Minesite Water Treatment

No water treatment occurs at the Maybrun site.

6. MINE SITE INFRASTRUCTURE

6.1 Buildings

Building 53A (photo 53-3)

Location: on the south side of Thunder Gulch behind large piles of placer tailings

Dimensions (L x W x H): 2.5 m x 2 m x 2.5 m

Construction: wood and corrugated steel

Paint: none observed

Asbestos: none observed

Foundation: none

Non-Hazardous Contents: bed, utensils, plateware

Hazardous Contents: none observed

6.2 Fuel Storage

About a dozen empty 45 gallon drums were found at the Maybrun site.

6.3 Rail and Trestle

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

6.4 Milling and Processing Infrastructure

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

6.5 Electrical Equipment

There was no electrical equipment observed at the Maybrun site.

7. SOLID WASTE DUMPS

No solid waste dumps were observed at the Maybrun site

8. POTENTIAL CONTAMINANTS OF CONCERN

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

9. WATER QUALITY

No surface water samples were taken at the Maybrun site. Surface water drainage in this area flows towards Thunder Gulch.

10. RECLAMATION

The disturbed areas of the Maybrun site have largely been reclaimed by natural vegetation. There have been no known reclamation measures carried out by past or present operators of the site.



Photo 53-1: View of Adit 1 at Maybrun site. (AZ 234)



Photo 53-2: View of Adit 1 at Maybrun site. AZ 234
Photo 53-2:View of collapsed shaft (Shaft 1) at Maybrun located above Adit 1.(AZ 300)



Photo 53-3: Abandoned shack, empty barrels and scattered debris located at Maybrun.