

NAME OF PROPERTY

MAYFLOWER (LITTLE HEATHER)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°46'50" Long. 127°19'45"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The showings, which are mostly above timber-line, consist of a series of approximately parallel shear-zone replacements in andesitic volcanics, striking between north-south and N15°E, and standing nearly vertical, or with a slight dip to the west. Mineralization consists chiefly of pyrrhotite, a little galena, pyrite, and arsenopyrite.

The most important showings are as follows: On the Mayflower claim, at an elevation of 5,300 feet, a cut has been made on vein-matter 4 feet wide, between well-defined walls, for a distance of 40 feet. Filling consists of country-rock, with 18 inches of well-mineralized vein-matter in the centre, 12 inches of which is nearly all pyrrhotite. Other minerals in lesser quantity are galena, arsenopyrite, pyrite, and a little chalcopyrite. A sample taken over the 18 inches assayed: Gold, 0.02 oz. to the ton; silver, 5 oz. to the ton. This vein can be traced on the surface up the hill for a distance of 300 feet.

About 200 feet to the south-east of the above, on the Upland claim, a cut has exposed a parallel vein which is sparsely mineralized with pyrrhotite and pyrite. It appears to be of minor importance. At a further 500 feet to the south-east, and still on the Upland claim, an adit-drift has been run north for a distance of 25 feet on vein-matter 4 feet wide, having a slight dip to the west. The face shows 18 inches of almost solid pyrrhotite; a sample across this width assayed: Gold, 0.04 oz. to the ton; silver, 1.7 oz. to the ton.

Associated minerals or products of value - Gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 5,300 foot elevation on the southwest side of Hudson Bay Mountain, 6 miles west of Smithers. The claims adjoin the Henderson property on the northeast.

The showings were in part held as the Little Heather and Anaurus claims from about 1909 by R.L. Gale and associates. Work prior to 1925 included open cuts and a short adit. In 1927 Mr. Gale held the property as the Front Line group, comprising the Arras, Amiens, and Cambrai claims.

The showings were held during 1929 as the Mayflower, Jessie M., Bessie, Marriner, Upland, Mamie Fr. and Canary Fr. claims, owned by Stanley Rutland and associates. In 1930 the property was owned by L.S. McGill and associates, of Smithers.

120816

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

- Reports of Minister of Mines, British Columbia: 1909, p. 84; 1911, p. 119; 1912, p. 115; 1929, p. 162; 1930, p. 139.
- Kerr, F.A.; Mineral Resources along the Canadian National Railway, between Prince Rupert and Prince George, British Columbia; Paper 36-20, p. 90, Geol. Surv. of Canada.
- Jones, R.H.B.; Geology and Ore Deposits of Hudson Bay Mountain, Coast District, B.C.; Summary Report 1925, Pt. A., p. 136, Geol. Surv. of Canada.

MAP REFERENCES

- Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.
- Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.
- Certain claims on Hudson Bay Mountain, Sc. 1":1,500 ft., Report of Minister of Mines, British Columbia, 1927, op. sit. p. 136.
- Map 5319 G, Smithers, (Aeromag.), Sc. 1":1 mile.
- #Map 93 L/14 W, Smithers, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						