

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BLACK PILOT (MacDONALD) (LeROI)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

| | | | |
|-------------------------------------|------------|---|---------|
| Mining Division Division minière | Omineca | District District | Cassiar |
| County Comté | | Township or Parish Canton ou paroisse | |
| Lot Lot | | Concession or Range Concession ou rang | |
| Sec Sect. | Tp. Ct. | R. R. | |

Lat. 55°09'10" Long. 127°32'50"
Lat. Long.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

On the south side of Porphyry Creek, a vein 6 feet wide occupies a shear zone in andesite at elevation 3,900 feet; it contains a few small seams of barite and a little sphalerite. On the north side of the creek at elevation 5,100 feet, pyritized argillite beds are interstratified with greywacke and shales which also contain a little finely disseminated pyrite. In this vicinity the sediments strike west and dip 10 to 15° north. They are intruded by several dykes of granodiorite, and the granodiorite stock that forms the core of the mountain lies a quarter of a mile to the west. Samples of the pyritized rock assayed only a trace in gold and silver.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located at the 3,900 foot elevation on Porphyry Creek, 6½ miles south-southeast of New Hazelton. The claims extend northwestward up onto the divide to the headwaters of Mudflat Creek.

The LeRoi group of 4 claims, owned by the Leverett Bros. in 1914, was reported to be located at the head of 7 Mile Gulch between elevations of 4,200 and 4,950 feet. The location of these claims is not certain but they apparently covered the Black Pilot showings. Exploration work to 1914 included a 34 foot long adit.

Four claims, the Black Pilot, Long and Deep, Squire and Katherine were owned by Dan MacDonald, of Hazelton, from about 1926. In 1930 the property consisted of the Summit, True Blue, Black Pilot, and Black Pilot Nos. 1 & 2 claims. Exploration work was done in open cuts, a 45 foot deep shaft, and 2 short adits. The last reported assessment work by Mr. MacDonald was in 1931.

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 53, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia; 1918, p. 114; 1926, p. 126; 1930, p. 139.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Rocher Deboule Range, Sc. 1":1 mile, Fig. 2, Bulletin 43, B.C. Dept. of Mines.

Map 971 A, Smithers-Fort St. James, B.C., (Geol.), Sc. 1":8 miles.

Map 93 M/4 E, Skeena Crossing, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

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| Comp./Rev. By Comp./rév. par | | | | | | | |
| Date Date | 07-68 | | | | | | |