

PRODUCT MOLYBDENUM
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 103 P/3
RÉGION DU S.N.R.C.

REF. MO 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

KAY

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°08'35"
Lat.

Long. 129°20'
Long.

Mining Division Skeena
Division minière

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.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claims are in the vicinity of the contact between the Coast Intrusions and northeast-trending hornfelsed greywackes and argillites of the Bowser group. An elliptical stock of quartz feldspar porphyry, elongate in a northeasterly direction and measuring 4,000 by 1,200 feet underlies a prominent ridge which is bounded by steep cliffs at its northern end. The leucocratic quartz feldspar porphyry is of quartz monzonite composition, and 0.4- to 2-centimetre phenocrysts make up between 20 and 50 per cent of the rock. Prominent sheeting in the intrusive strikes north and dips moderately to the west. Quartz feldspar porphyry containing coarse rosettes of molybdenite was observed in several trenches near the central part of the stock.

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

This showing is located at the 500 foot elevation on the south side of the Nass River, 13 miles southwest of Aiyansh.

In 1965 Madsen Red Lake Gold Mines, Limited, in association with Noranda Mines Limited, Newconex Holdings Limited, Union Carbide Canada Limited, and Canadian Nickel Company Limited, optioned the Kay group of 12 claims and by staking and option acquired an additional 131 claims in several nearby groups. Nass River Mines Limited was incorporated in April 1966 with Madsen Red Lake holding a 49.3% interest in the company. Work during 1966 included geological mapping, geophysical surveys, rock trenching, and 3,241 feet of diamond drilling. It is not known what portion of this work was done on the Kay group. Geological mapping was done on the Kay group in 1967. The option on these claims was subsequently dropped.

The Shawinigan Mining and Smelting Company, Limited, in 1968 carried out some trenching. In 1969 the Kay 1-35 claims were owned by Peter Hughan, of Aiyansh. The Kay 36-51 claims were held by Phelps Dodge Corporation of Canada, Limited. Work during the year included geological mapping, soil geochemical and induced polarization surveys, and 1,997 feet of diamond drilling in 5 holes.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Carter, N.C.; Nass River; Report of Minister of Mines, British Columbia; 1967, pp. 50-52.

Reports of Minister of Mines, British Columbia: 1966, p. 51.

Mineral Policy Sector; Corporation Files: "Madsen Red Lake Gold Mines, Limited"; "Nass River Mines Limited".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 69.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geology of the Kay, Valley, Ridge, and Snafu groups, Sc. 1":
1 mile - Report of Minister of Mines, British Columbia, 1967, p. 51.

Map 103 P, Nass River, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-69	10-71					