

PRODUCT MOLYBDENUM
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 103 P/5
RÉGION DU S.N.R.C.

REF. MO 3
RÉF.

NAME OF PROPERTY MOLLY MACK
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°21'40" Long. 129°47'30"
Lat. Long.

Mining Division Skeena
Division minière

District Cassiar
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

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

This property is located on the west shore of Observatory Inlet, west of Frank Point and 4 miles south-southeast of Anyox.

The Molly Mack group of 26 recorded claims was owned by D. Collison of Alice Arm, in 1965.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The main mineralized showing is immediately south of the contact between the Coast Intrusions and the sedimentary rocks to the north. South and west of the showing, leucocratic quartz monzonite porphyries are weathered to a uniform near-white colour. Two-millimetre phenocrysts of anhedral glassy quartz, and anhedral feldspars make up most of the rock, with muscovite as the dominant mafic mineral. Sedimentary rocks in the area have been metamorphosed to a biotite-quartz hornfels and are cut by numerous 1-foot wide sills of fine-grained quartz monzonite near the contact. The main zone of molybdenite mineralization is confined to a small area of biotite-rich granite within the quartz monzonite porphyries. The granite contains irregular inclusions of hornfelsed sediments and is cut by lenses of quartz monzonite porphyry and fine-grained felsite dykes.

Coarse-grained molybdenite mineralization within the zone occurs along the biotite cleavages and near the margins of 1-foot-wide quartz veins and lenses. The zone is oriented in a north-south direction and measures 4 by 10 feet. A chip sample from the zone assayed 12.7% MoS₂ with trace amounts of copper and lead. A few specks of molybdenite were noted in the intrusive rocks to the north and south of the main showing.

Associated minerals or products
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa

507834 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Carter, N.C.; Molly Mack; Report of Minister of Mines & Petroleum Resources, British Columbia, 1965, p. 61.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles -
accomp. Memoir 175.

Geology of the Anyox Area, Sc. 1":2 miles, Fig. 8, Report of
Minister of Mines & Petroleum Resources, B.C., 1965, p. 58.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-68						