

PRODUCT
PRODUIT

MOLYBDENUM

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 103 I/1
RÉGION DU S.N.R.C.

REF. MO 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

KITIMAT RIVER (MAT) (BARBS)

OBJECT LOCATED - Gossan Creek Zone.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 54°09'
Lat.

Long. 128°12'30"
Long.

Mining Division Skeena
Division minière

District
District

Range 5 Coast

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 property is underlain by rocks of the Coast Plutonic Complex and by a roof pendant of Jurassic Hazelton volcanic rocks. Quartz-molybdenite stockworks occur locally in granite and quartz-feldspar porphyry. In order of decreasing abundance, pyrite, molybdenite and chalcopyrite occur mainly in narrow quartz veinlets and to a minor extent along dry fractures and as fine-grained disseminations in two areas 2,500 metres apart, one in Gossan Creek and one in Mantle Creek. In Gossan creek, lowgrade mineralization is exposed discontinuously over a horizontal distance of 750 metres and vertical distance of 450 metres. The weighted average of surface rock samples taken by Amax in 1966 from the Gossan creek zone was 0.019% MoS₂ and 0.029% Cu.

Associated minerals or products - Copper.
Minéraux ou produits associés

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

The property is located on the west side of the Kitimat River some 30 miles south-southeast of Terrace.

Amax Exploration Inc. discovered the showings in 1965 during a regional reconnaissance program and 256 claims were staked in the Barbs, Ell and other groups. Work on the claims in 1965-66 included induced potential and soil, silt and rock geochemical surveys. Two geochemically anomalous areas were outlined; the claims subsequently lapsed. In the following years the showings were restaked and dropped twice. They were restaked again in May 1981 by A & M Exploration Ltd as the Mat 1 and Mat 2 claims (40 units) and sold to Abo Oil Corporation in October 1981. Drill sites were selected and prepared in 1982.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1965, p. 72; 1966, p. 52.

Richardson, P.W.; Report on the Kitimat River Property, 3/11/81 - in Abo Oil Corporation Prospectus, 23/11/81.

Mineral Policy Sector; Corporation Files: "Abo Oil Corporation".

George Cross News Letter: 16/07/82.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329, Geol. Surv. of Canada, 1964.

#Kitimat River Property, Sc. 1:10,000 - accomp. Report by Richardson.

*Map 103 I/1, Mount Davies, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-85						