

PRODUCT TUNGSTEN
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 82 M/13
RÉGION DU S.N.R.C.

REF. W 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ GOTCHA (BOULDER) (SILENCE LAKE)

OBJECT LOCATED - from descriptive data.
OBJET LOCALISÉ

UNCERTAINTY 1,000 m Lat. 51°50' Long. 119°41'30"
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Kamloops District
Division minière

County Kamloops Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

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

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Map 48-1963 indicates the property is underlain by Palaeozoic or earlier rocks of the Shuswap metamorphic complex. At least two parallel scheelite-bearing skarn bands have been exposed within an assemblage of metasedimentary gneisses, quartzite, marble, and minor amphibolite. The metamorphic rocks have been intruded by dykes, sills, and small irregular bodies of granitic rocks. The mineralization is coarse grained and contains no sulphides. The scheelite is found in two major skarn bands which appear to be limbs of a synform.

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

The property is located at elevations of 3,600 to 4,500 feet on Maxwell Creek, a southeasterly flowing tributary of Raft River, some 2 miles north of Silence Lake and 18 miles north-northeast of Birch Island.

The Boulder 1-32 claims were staked in 1972 or earlier by Union Carbide Canada Mining Ltd. to cover what appeared to be the source of mineralized float containing tungsten. During 1972-73 the company carried out geological mapping, a geochemical soil survey (450 samples), geochemical dust and rock sample surveys, trenching, and 3,201 feet of diamond drilling in 11 holes; results were inconclusive and the claims were dropped.

The showings were restaked as the Gotcha, Gotcha 2 (9 units), Max 1, and Max 2 claims (total 12 units) in about 1977 by United Mineral Services Ltd. The company carried out trenching and stripping in 1978 and then optioned the property to NCA Minerals Corp. who carried out 2,972 metres of percussion drilling in 18 holes on the Gotcha claim later that same year; the option was subsequently dropped. United carried out bulk sampling and some metallurgical testing in 1979.

The property was transferred to Dimac Resource Corp., an associate of United which was incorporated in August 1979. During 1980 diamond drilling was done in 20 holes and much of the known deposit was stripped and benched for mining. The drilling outlined proven and probable reserves of 50,000 tons at 1.65% WO₃ per ton (Northern Miner, April 2, 1981).

The installation of a 100 tonnes per day gravity-flotation mill was in progress during 1981, with milling planned on an 8-month basis only; mining is to be more of a quarry type operation than a conventional open pit mine. The first ore was milled in Oct. 1981, but official production began in January 1982. Between July and August exploration diamond drilling of 8 holes totalling 1,561 feet failed to establish additional reserves. With lower Tungsten prices the operation became uneconomic and the mine closed in November 1982 when the company (Dimac) was placed in receivership. Indicated reserves at closure were: 1,500 tons of 1.5% WO₃ in stockpile; 5,000 tons of 1.2% in open pit; 10,000 tons of

p.t.o. ...

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

1.2% underground; 20,000 tons of 0.3% in tailings (George Cross Newsletter August 11, 1983).

Troudor Resources Inc. in August 1983 purchased 100% interest in the mine and mill from Dimac's receiver, Price Waterhouse Limited.

REFERENCES/BIBLIOGRAPHIE

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1972, p. 94; 1973, p. 117; 1978, p. E 115+.

Mineral Policy Sector; Corporation Files: "Dimac Resource Corp."

Geological Fieldwork; British Columbia Dept. of Mines: 1978, p. 93.

Mining Review, May/June 1983, p. 52.

George Cross Newsletter: Aug. 11, 1983; 1984, No. 12; 1986, No. 53; 1987, No. 40.

Exploration in British Columbia: 1979, p. 117; 1980, p. 145.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 48-1963, Adams Lake (West Half), (Geol.), Sc. 1":4 miles.

Map 8524 G, West Raft River, (Aeromag.), Sc. 1":1 mile.

#Map 82 M/13, West Raft River, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	JL	DMacR	DMacR			
Date Date	04-81	12-82	09-83	05-88			