

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 93 M/4 RÉGION DU S.N.R.C.	REF. AG 2 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

GOLDEN WONDER

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	Lat. 55°10'40"	Long. 127°42'40"
Mining Division Division minière	Omineca	District District
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 showings are underlain by somewhat pyritic argillite of the Red Rose formation which is believed to be folded with a trend east of north. Two shear zones are reported: the south zone trends N85°W and dips 80° north and has been traced more than 500 feet. It is up to 3 feet wide, is silicified in places, and contains small quartz stringers. In the shear are lenses of almost pure sulphides, mostly pyrrhotite, but including chalcopyrite, arsenopyrite, and pyrite. Assays from two ore piles near the main shaft were reported by Kindle as follows: Gold, 0.20 and 0.46 ounce a ton respectively; silver, 7.25 and 7.63 ounces a ton; copper, 6.50 and 4.69%; nickel, none. Kindle also reports an assay of some sacked ore that shows 0.15% tin. The north shear zone, about 1,000 feet north-east of the main shaft, strikes N70°W and dips 75° north. The shear is up to 4 feet wide and is occupied by a post-mineral porphyry dyke. Small quartz stringers and lenses of sulphides, mostly pyrite and chalcopyrite occur within the shear.

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

This property is located at the 1,300 foot elevation on a large rock drumlin about ½ mile southeast of highway 16 and 7 miles southwest of New Hazelton.

The showings were first investigated in about 1912 by Messrs. Harris and Comeau, who put in a number of surface cuts and sank a 20 foot shaft. No further work was done until 1917 when the claims were optioned to M.W. Sutherland and J.B. Tyrrell. During 1917-18 a 100 foot shaft was sunk on the south shear zone. Five claims, the Golden Wonder (Lot 3322), Golden Chief (Lot 3323), Golden Potlatch, Crescent, and Maple Leaf (Lots 3834-3836) were Crown-granted to J.B. Tyrrell in 1918.

National Explorations, Limited, acquired the property in 1951 but no exploration or development work was reported by the company. There were no valid claims at December 31st, 1958.

The Golden Wonder Crown-grant (Mineral Lease No. M 79) was part of a large claim group acquired by Chapparral Mines Ltd. in 1970. (See Cap Property, 93 M/4, CU 5).

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

- Brown, A. Sutherland; Geology of the Rocher Deboule Range; Bulletin No. 43, p. 52, B.C. Dept. of Mines & Petroleum Resources, 1960.
- Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 44, Geol. Surv. of Canada, 1954.
- Reports of Minister of Mines, British Columbia: 1917, p. 107; 1918, pp. 113, 473.
- O'Neill, J.J.; Preliminary Report on the Economic Geology of Hazelton District, British Columbia; Memoir 110, p. 24, Geol. Surv. of Canada, 1919.
- Mineral Policy Sector; Corporation Files: "Chapparal Mines Ltd."
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 173; 1971, p. 189.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Comp./Rev. By Comp./rév. par							
Date	01-66	10-71	02-75				