

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CALEDONIA (WAVERLEY)

OBJECT LOCATED - Caledonia showings.
OBJET LOCALISÉ

UNCERTAINTY 1,000 m FACTEUR D'INCERTITUDE	Lat. 54°56'50"	Long. 128°13'40"
Mining Division Omineca 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 Jurassic and (?) Cretaceous sedimentary rocks comprising conglomerates, greywackes and argillites of the Bowser Group. These rocks are intruded by a small stock near the summit of the mountain.

The main showing consists of a mineralized replacement zone striking N10°W and dipping 65°W. The zone has been traced for 375'. The width of the fracture zone averages 8' with a fairly strong mineralized zone 8" to 12" wide on the hanging-wall side. Very little quartz is present in the zone and pyrite, pyrrhotite, chalcopyrite, galena, sphalerite and arsenopyrite replace the country rock. Farther to the west there appears to be a parallel zone of similar material but of greater width. Two grab samples from pits located 375' apart assayed:

Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %
Trace	1.22	0.10	0.23	4.48
Trace	6.59	0.26	4.50	8.42

A .02 ton sample shipped to the Prince Rupert sampling plant in 1940 assayed: 21 oz/ton Ag; 0.3% Cu; 14.7% Pb; 11.7% Zn, 0.15% Sb.

Associated minerals or products - Zinc, lead, copper.
Minéraux ou produits associés

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

The property is located at elevations of 5,000 to 5,500' on the southwest side of Seven Sisters Peaks some 32 miles north-northeast of Terrace.

The showings were discovered in 1929 and staked as the 8 claims Waverley group. The owners, M. Orr, H. MacDonald and R. Smith, carried out work in several trenches and short adits. Mr. MacDonald held the showings in 1940 as the Caledonia group. A sample was shipped that year to the Provincial Government sampling plant at Prince Rupert. In 1946 MacDonald discovered and trenched a sulphide zone about 2,000' east of the Caledonia showings. In the early 1950's the Caledonia group was held by W. McRae, of Usk; the claims were dropped in 1954.

The showings were re-staked in 1962 as the Jackal 1-6 claims by Allan and Amy Collier. Mega Mineral Limited apparently held an option on these claims in 1967 and carried out trenching and sampling.

Seven Sisters Mining Ltd. was incorporated in August 1969 to acquire the property; controlling interest in the company was held by Magnetron Mining Ltd and a minority interest by the Collier family.

Work in 1969-71 included an aeromagnetic survey, trenching and diamond drilling in 8 x-ray holes totalling 434'. A gravity survey was carried out in 1972.

The Rega 1-27 claims adjoining to the north and the Mag claims adjoining to the east were staked in 1967-68 for Magnetron; the Mag claims covered the sulphide zone 2,000' east of the Caledonia showings. Work in 1968-69 included electromagnetic and magnetometer surveys, trenching, 74' of x-ray diamond drilling in one hole, and driving two short adits totalling 60'.

This ground was held in 1980 by Cassiar Resources Limited as the Ry 1-4 claims, part of a 17 claim (293 unit) property covering Seven Sisters Peaks. A geochemical survey comprising 61 soil and 20 rock samples was carried out over the larger property.

The showings were re-staked in 1983 as the Grant, Carina, Steven and Shaughan claims (80 units) for Acquest Enterprises Ltd.

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Reports of Minister of Mines, British Columbia: 1929, p. 153; 1930, p. 137; 1940, p. 43; 1968, p. 109.

Geology, Exploration and Mining, British Columbia Dept. of Mines: 1969, p. 83; 1972, p. 502; 1973, p. 487; 1979, p. 256.

Duffell, S. and Souther, J.G.; Geology of Terrace Map-Area, British Columbia: Memoir 329, p. 96, Geol. Surv. of Canada, 1964.

Mineral Policy Sector; Corporation Files: "Mega Mineral Limited"; "Magnetron Mining Ltd"; "Acquest Enterprises Ltd".

Report on the Magnetron Mining Ltd property by L.J. Manning and Associates Ltd. 29/03/72 - in Magnetron Mining Ltd Prospectus, May 1972.

Lorimer, M.K.; Engineering Report on the Seven Sisters property, 1/03/84 - in Acquest Enterprises Ltd Prospectus 14/03/84.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Magnetron Mining Ltd, claim map, Sc. 1":½ mile, Map 2, in Magnetron Mining Prospectus, May 1972.

#Seven Sisters & Caledonia Properties, Sc. 1 cm:500 m, Fig. 2, Report by Lorimer in Acquest Enterprises Ltd Prospectus, 14/03/84.

*Map 103 I/16, Dorreen, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	06-84						