

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 P/13 RÉGION DU S.N.R.C.	REF. AG 25 RÉF.
--------------------	--------	--------------------------	---------------------------	------------------	--	--------------------

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

MONTANA

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat.	55° 51'	Long.	129° 54' 40"
Lat.		Long.	
Mining Division Division minière	Skeena	District District	Cassiar
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 country rock is cherty, argillaceous quartzite and a thick bed of limestone overlain by volcanic rocks and intruded by the Coast Range batholith and associated dykes and sills of granodiorite. On the Montana claim a vein striking northeast and dipping northwest has been traced on the surface for 300 feet. The vein is less than 1 foot wide, consists of quartz, mineralized with pyrite, sphalerite, galena and tetrahedrite, and contains high-grade silver ore. Farther up the hill a vertical vein and an associated dyke strike northeast. The vein, consisting of quartz mineralized with pyrite, galena sphalerite, and tetrahedrite, is 3 feet wide at the portal of the adit but narrows rapidly and pinches out. A short ore shoot 1 to 2 feet wide is present at the portal. Other showings occur farther to the east in a bed of limestone. Two faults offset the bed into 3 blocks, each several hundred feet long. The faults strike N60°E and dip 50° northwest. Rusty mineralized zones strike northwestward in the upper limestone block. The width of the zones varies from 1 to more than 20 feet. The fault between the middle and upper limestone block is also mineralized. The rusty zones contain sphalerite and

P.t.o. ....

Associated minerals or products  
Minéraux ou produits associés

- Zinc, lead, copper, antimony.

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

The property is located at about the 3,000 foot elevation on the north side of the Marmot River, about 4½ miles from the Portland Canal and 7 miles southeast of Stewart. The Patricia property adjoins on the northwest.

The Montana group of 6 claims was staked in 1911 by Messrs. Bruggy, Magee and McLeod. Intermittent exploration and development work was carried on by the owners and several small shipments of high-grade ore were made. In 1920 and 1921 the property was under bond to the B.C. Exploration Company, Limited, but very little work was done by the company and the property was returned to the owners.

Marmot Metals Mining Company, Limited was formed in April 1925 to take over the property. During the year the exploration work, confined mainly to the Montana claim, included surface work and the driving of two adits. During 1926 and 1927 exploration work was confined to the Horseshoe claim and included open cutting and two short adits. Work during 1928 was confined to prospecting for new veins. The Montana claim (Lot 4974) and Horse Shoe claim (Lot 4975) and the Peach Nos. 1 & 2, Peach Fraction, Maude, May and May Fraction claims (Lots 4977-4982) were Crown-granted to Marmot Metals Mining Company in 1929. No further work was reported and the company charter was surrendered in 1940.

The showings have been explored by open cuts and 5 or 6 adits. On the Montana claim a crosscut was driven 60 feet and drifts run 10 feet southwest and 40 feet northeast, and a winze sunk 30 feet on the vein. The canyon tunnel was driven 117 feet on a westerly striking vein but no commercial ore was found; a crosscut to the northwest failed to cut the Montana vein. A tunnel was driven 180 feet on the Peach No. 1 claim. On the limestone contact on the Horseshoe claim two adits were driven, one 30 feet and the other 50 feet.

*Infinite Resources Inc Prospectus 15/03/84*

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Two shipments of ore, to Tacoma, Washington, have been reported, one of 5 tons in 1913 and the other of 15 tons in 1915. The returns for these shipments have not been found. The 5 tons shipped in 1913 is reported to have given returns of \$221.00 a ton in gold, silver and lead.

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 129, G.S.C., 1935.

Reports of Minister of Mines, British Columbia: 1913, p. 88; 1914, p. 154; 1915, p. 71; 1919, p. 62; 1920, p. 53; 1922, p. 67; 1925, p. 81; 1926, p. 88; 1927, p. 82; 1928, p. 93.

Mineral Policy Sector; Corporation Files: "Marmot Metals Mining Company, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart Sheet, B.C., (Geol.), Sc. 1":1 mile - accomp. Memoir 159.

Map 193 A, Stewart Sheet, B.C., (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

minor amounts of pyrite, galena and chalcopryrite. The boundaries of the mineralized areas are quite indefinite. The deposits may be replacements along limestone beds or along shear zones.

Comp./Rev. By Comp./rév. par							
Date Date	01-68						