

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ LA ROSE (BRITANNIA), SPECULATOR No. 2

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°34' Long. 129°32'
Lat. Long.

Mining Division Skeena
Division minière

District Cassiar
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 country rocks consist of argillite and an interbedded, highly altered rock that may be a sill of fine-grained andesite. These rocks are cut by lamprophyre dykes that also cut the mineral deposit. The sediments strike northwest and dip northeast. The mineral deposit is a vein occupying a narrow shear zone striking north and dipping steeply east, crossing the formation at a slight angle. The vein varies in width from a few inches to 3 feet and consists of quartz, arsenopyrite, pyrite, chalcopyrite, pyrrhotite, sphalerite, galena, tetrahedrite, native silver, and probably silver sulphides. Where the vein lies in the highly altered, presumably igneous, rock the vein is of good size and contains small ore shoots, but where the vein departs from this rock and enters argillite it splits and ore is lacking. The wall rocks of the vein, particularly in the deeper parts of the mine, are greatly sheared and especially on the hanging-wall of the vein much movement has taken place after the vein was formed.

A pit sunk on the Speculator No. 2 claim disclosed a quartz sulphide vein a foot or so wide containing pyrite, galena, and tetrahedrite, and carrying high values in silver, the vein resembles closely the La Rose vein.

Associated minerals or products - Gold, lead, zinc.
Minéraux ou produits associés

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

The La Rose property lies at the 2,250 foot elevation on the east side of Tsimstol Mountain, west of the Kitsault River, and about 6¼ miles north-northwest of the community of Alice Arm. The Speculator No. 2 claim adjoins and lies south of the La Rose group.

Two claims, the La Rose and La Rose No. 1, were owned by Miles Donald, Joe Wells, and Dr. Kergin from prior to 1916. During 1916 the claims were under lease and bond to John Munro. The owners resumed work on the property in 1917 and small shipments of ore were made in 1918 and 1919. During this period the vein was drifted on for about 125 feet, exposing an ore shoot for the first 40 feet or so. A shaft was then sunk 14 feet at the mouth of the adit and short drifts run both ways.

The Alice Arm-La Rose Mining Company, Limited was formed in February 1920 to take over the property. During the year a crosscut adit was driven 42 feet to the vein but only low values were found. No further development work was done by the company until 1925. The ground was restaked by the company as the Britannia (Britannia), Britannia No. 1, Britannia No. 3, St. Eloi, and La Rose No. 2 claims (Lots 4245-4249 respectively); these claims were Crown-granted to the company in 1922. When work was resumed in 1925 a crosscut was driven at the 2,000 foot elevation, cutting the vein at 350 feet from the portal, and continued to 420 feet. A drift was run on the vein for about 70 feet to a point below the old shaft. The drift showed no mineralization but ore was encountered in the raise about 20 feet above the drift and the raise was continued about 100 feet to the bottom of the shaft. A sublevel was run north and south where the ore shoot was encountered. Development work ceased in 1926. Some ore was shipped in 1926 and 1927. In 1928 further surface trenching was done in the shallow gully along the hillside which is the surface expression of the shear zone.

The Speculator No. 2 claim (Lot 886) was Crown-granted to J. Calvin, of Alice Arm, and A.B. Armstrong, of Stewart, in 1925. A pit was sunk 30 feet in drift, disclosing a quartz-sulphide vein. In 1931 J. Calvin held the La Rose No. 3 and La Rose Fraction claims, on which stripping and open cutting was reported.

The La Rose group of 4 reverted Crown-grants (Lots 4245-4249) was owned in 1968 by Mrs. Barbara Crossley, of Vancouver,

p.t.o.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1918 to 1927 inclusive, 79 tons of sorted ore were shipped from this property. From this ore 15 ounces of gold, 15,993 ounces of silver, 4,383 pounds of lead, and 3,576 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 69, 80, Geol. Survey of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1916, p. 63; 1917, p. 46; 1918, p. 56; 1919, p. 50; 1920, p. 47; 1923, p. 57; 1925, pp. 74, 75; 1926, p. 79; 1928, p. 84; 1929, p. 85; 1931, p. 39; 1968, p. 60.

Mineral Policy Sector; Corporation Files: "Alice Arm-La Rose Mining Company, Limited".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 63.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1926, Rept. 688, pp. 57-59 (No. 253).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

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

as mineral lease M 92. The Speculator No. 2 claim was owned by E.A. Trethewey, of Vancouver. The underground works on the La Rose group were reopened during the year. Primer Group Minerals Ltd., Wm. Trethewey, President, in 1969 carried out an electromagnetic survey of the property and attempted to put down a number of short packsack drill holes south of the La Rose shaft.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	04-68	10-71	01-74				