

PRODUCT SILVER  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/6  
RÉGION DU S.N.R.C.

REF. AG 3  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ NEVADA (RIO GRANDE)

OBJECT LOCATED - adit.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 49°15'10"  
Lat.

Long. 117°11'30"  
Long.

Mining Division Nelson  
Division minière

District  
District

Kootenay

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

Map 1144 A indicates the property is underlain by Lower Jurassic (?) and older slate and argillaceous quartzite, cut by tongues of Lower Cretaceous (?) Nelson granodiorite.

Two types of deposits occur on the properties; one, a set of veins striking northeast by east, and the other, north-easterly striking, mineralized shear zones. The veins vary in width up to about 30 inches and consist of quartz containing local patches of galena or galena and sphalerite. The shear zones, locally as much as 10 feet in width, contain stringers of quartz in sheared wall rock. The mineralization is generally sparse, and includes galena, sphalerite, and pyrite. Sampling by Wesko Exploration showed only low assays in gold, but a selected sample gave 51 ounces a ton in silver.

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

The property is located at the 3,600 foot elevation on the south side of Porcupine Creek, about 1 mile east of the Salmo River and 2 miles south-southeast of Ymir. The Porcupine property (82 F/6, Ag 2) adjoins to the northeast.

The Nevada claim (Lot 3504) was located in July 1898 by J.B. Stover and Crown-granted in 1899 to R.C. Pollett. The Imperial claim (Lot 3025), adjoining to the southeast, was Crown-granted to G.F. Whiteman in 1898. The Victor, Emerald, and Porcupine claims (Lots 2906-2908 respectively), extending south from the Imperial, were Crown-granted to P. Thompson, A. Johnson & associates in 1902. The Sandaulphon, Gorgina, Champagne, and Rio Grande Fr. (Lots 4639, 5130-5132 respectively), located adjoining to the north of the Nevada claim, were Crown-granted to The Rio Grande Gold and Silver Mining Company, Limited Liability in 1901; the Champagne claim in later years became part of the Porcupine property.

In about 1907 the Rio Grande Fr., Gorgina, and Sandaulphon claims were purchased at a tax sale by O. and C. Anderson, of Ymir. The Nevada and Imperial claims were acquired in 1911 by Messrs. Grobe and MacLeod, of Ymir. Development work to 1915 totalled about 320 feet of drifts and crosscuts in 4 adits. Work on the Rio Grande Fr. included about 400 feet of drift and crosscuts in one adit; a lower adit was being extended in 1915. Further development work was reported in 1917. The Imperial claim was re-Crown-granted in 1918 to D.E. Grobe. Sampling was reportedly carried out on the property in the 1930's by Wesko Exploration and Development Company, Limited. In 1937 some development work was carried out by David Grobe, of Spokane; a small shipment of ore was reported under the name of J.A. Armes, of Vancouver, as owner.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1937, 10 tons of ore were shipped from this property. From this ore 2 ounces of gold, 57 ounces of silver, 1,204 pounds of lead, and 841 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:  
 1898, p. 1190; 1899, p. 845; 1901, pp. 1223-27; 1911, p. 159; 1913, p. 132; 1915, p. 154<sup>+</sup>; 1917, p. 195; 1918, p. 473; 1926, p. 449; 1937, p. E 50.

Drysdale, C.W.; Ymir Mining Camp, British Columbia; Memoir 94, p. 120, Geol. Surv. of Canada, 1917.

++Cockfield, W.E.; Lode Gold Deposits of Ymir-Nelson Area, British Columbia; Memoir 191, pp. 13-16, Geol. Surv. of Canada, 1936.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1144 A, Ymir, (Geol.), Sc. 1":1 mile, Geol. Surv. of Canada, 1964.

#Preliminary Map 51-4 A, Ymir, (Geol.), Sc. 1": $\frac{1}{2}$  mile, Paper 51-4, Geol. Surv. of Canada.

Nevada and adjoining claims, (Workings), Sc. 1":400 feet, Fig. 3, Memoir 191, p. 13.

Mineral Reference Map No. 4, Nelson & Trail Creek, (Claim Map), Sc. 1":1 mile, B.C. Dept. of Lands, 1929.

\*Map 82 F/6, Nelson, (Topo.), Sc. 1:50,000.

Map 82 F/3, Salmo, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	03-81						