

PRODUCT

SILVER

PROVINCE OR
TERRITORY

N.T.S. AREA 93 L/14

REF. AG 10

NAME OF PROPERTY

PATRIOTIC

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 2,000. Lat. 54°53'10" Long. 127°10'50"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

HISTORY OF EXPLORATION AND DEVELOPMENT

The showing is reported to be located on the bank of the Bulkley River, at about the high water mark, 3 miles from Evelyn Station and approximately 11 miles by road north of Smithers.

The Patriotic claim (Lot 3311) comprising 16.8 acres is located about $\frac{1}{2}$ mile east of, and some 300 feet above, the river. Its relationship to the described showing is not known.

The Patriotic group was owned by George H. Ballard in 1918. The workings at that time included open cuts, a 50 foot adit, and a 32 foot inclined shaft.

The Red Cross, Patriotic, and Bowl Fr. claims (Lots 3310, 3311, and 3315, respectively) were Crown-granted to The Cats Mining Company, Limited, in 1924.

*Canadian Premium Res Corp Prospecting,
5/10/84
Report & map.*

DESCRIPTION OF DEPOSIT

The property is underlain by a schistose rock, originally of an andesitic type. Intruding this is a wide fine-grained quartz porphyry dyke. The mineralization occurs in an irregular fracture zone in the schist about 50 feet distant from the dyke and roughly paralleling the dyke. The mineralization occurs as irregular replacements in small fissures in the schist, giving the appearance of a vein varying from 1 to 4 feet in width. The vein strikes S80°E (mag.). The mineralization is mainly sphalerite, accompanied by galena, jamesonite, and a little tetrahedrite and pyrite, the galena and tetrahedrite carrying good silver values. A sample across 2 feet in the bottom of an open cut assayed: gold, trace; silver, 22.2 ounces per ton; lead, 2%; zinc, 34.8%. A selected sample of mineralization assayed: gold, 0.02 ounces per ton; silver 124.8 ounces per ton; lead, 46%; zinc, 20.4%.

Associated minerals or products of value - Zinc, lead, gold.

120821

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1918, p. 118;
1924, p. 366.

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.

Map 5319 G, Smithers, (Aeromag.), Sc. 1":1 mile.

#Map 93 L/14 W, Smithers, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						