

PRODUCT SILVER  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE British Columbia

104 A/4  
N.T.S. AREA 103 P/13  
RÉGION DU S.N.R.C.

REF. AG 8  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ EMPEROR (KING) (NORTH LINE)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Skeena  
Division minière

County  
Comté

Lot  
Lot

Sec  
Sect.

Tp.  
Ct.

Lat. 56°00'02"

Lat.

District  
District

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Long. 129°53'10"

Long.

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is argillite of the lower part of the Hazelton group striking north and dipping west at moderate angles. Numerous dykes and sills of quartz diorite, gabbro, and lamprophyre occur intruding the argillite. Two quartz veins occur on the property. The veins are parallel, 200 feet apart, strike north, and dip 50° west. The more easterly vein is 6 to 30 feet wide and has been traced for 500 feet. The other vein, where crosscut underground, is 6 feet wide. The veins consist chiefly of quartz and a little calcite and are sparsely mineralized with pyrite, galena, sphalerite, and jamesonite. The smaller vein is a single body, but the larger one in places where it is widest consists of closely spaced quartz veins separated by argillite. The ore minerals are disseminated through the vein. Samples from the east vein, where cut by the lower crosscut adit, indicate the values are low, running about 50¢ in gold a ton, 1 to 3 ounces in silver a ton, 3 to 7% zinc, and less than 2% lead.

Associated minerals or products  
Minéraux ou produits associés

Zinc, lead, gold,

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

This property is located at the 2,800 foot elevation on the ridge between Glacier and Bitter Creeks, 5¼ miles northeast of Stewart.

The North Line group, consisting of 3 claims and 2 fractions, the North Line, North Line Fraction, South Line, South Line Extension, and Flat Fraction, owned by James McKay of Stewart, were bonded in 1923 to Gus Seiffert, of Vancouver, who organized the North and South Line Syndicate. Development work was begun in 1924. The syndicate formed Emperor Mines, Limited in December 1924 to purchase and develop the property. Development work during 1924 and 1925 was carried on in two adits. The upper adit at elevation 3,130 feet, was driven as a crosscut for 120 feet to reach the vein, and drifts run on the vein 40 feet north and 25 feet south, both in the hanging wall. The lower crosscut adit, at elevation 2,880 feet, reached a small vein at 280 feet from the portal and the main vein at 470 feet from the portal; the main vein was crosscut for 21 feet and some drifting was done to the north. Further drifting on the vein was reported in 1928. The company surrendered its charter in 1931.

The property was restaked in 1934 as the King group of 14 claims by J. Rochfort and associates of Stewart. No development work was reported at this time.

Silver Arrow Mines Ltd. held 65 recorded claims in this area, including the Emperor and Dunwell properties, in 1965. About 300 feet of the Emperor vein was traced and stripped.

*Kingdom Inc. Dec 1964*

Annual Reports, Department of Mines, British Columbia:  
 1924, p. 64; 1925, p. 86; 1926, p. 92; 1927, p. 90;  
 1928, p. 426; 1934, p. B 23; 1965, p. 52.

Hanson, George; Portland Canal Area, British Columbia;  
 Memoir 175, p. 113, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation Files: "Emperor Mines,  
 Limited"; "Silver Arrow Explorations Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 216 A, Bear River Sheet, B.C., (Geol.), Sc. 1":1 mile -  
 accomp. Memoir 159.

Map 217 A, Bear River Sheet, B.C., (Topo.), Sc. 1:50,000.

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

REMARKS/REMARQUES

See: B.C. group; Area 104 A/4, Ref. AG 7.

Comp./Rev. By Comp./rév. par							
Date Date	05-67						