

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

A and E

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Division minière	Revelstoke	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.	

Lat. 51°19'38"  
Long. 118°08'54"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The showings consist of two principal zones of mineralization. The southwestern one occurs at the contact of northeast-dipping Badshot marble lying structurally on black slate of the Lardeau Group. The sulphides appear to have replaced the limestone near the contact and are along the zone as lenticular bodies. Some smaller veins, a few containing almost pure galena, intersect the main zone at small angles. A band of pyrite, sphalerite and galena, of irregular width up to a maximum of 3.5 feet has been traced in outcrops and open cuts for about 1,100 feet.

The second zone, about 200 feet stratigraphically above and northeast of the other, is in limestone which contains narrow beds of grey sericite schist. In the vein, varying from 6 inches to 2½ feet in width, pyrrhotite, pyrite, sphalerite and galena are very finely intergrown. In places arsenopyrite occurs in the ore.

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

The property is located near the headwaters of the south fork of Burke Creek between the elevations of 6,000 and 7,200 feet. Four claims, the A and E, No. 2, No. 3, and No. 4, were owned and being prospected by A. Kitson and E.E. McBean in 1928. Intermittent exploration was carried on by Mr. Kitson from 1929 to 1933. Development work consisted of open cutting and an adit, 98 feet long, driven at the 6,000 foot elevation; by 1933 the property had been increased to 8 claims.

A sample taken from the tunnel across a 20 inch width assayed: gold, 0.10 and silver 11.0 ounces per ton; zinc, 7.5%. Assays of samples from the vein outcrop had the following ranges: gold, trace to 0.54 ounces and silver, 0.3 to 35.1 ounces per ton; lead, 1.0 to 20.0%; zinc, 4.1 to 30.6%.

Associated minerals or products - Silver, lead, gold.  
Minéraux ou produits associés

Gunning, H.C.; Geology and Mineral Deposits of the Big Bend Area, B.C.; Summary Report 1928, Pt. A, pp. 171, 173, Geol. Surv. of Canada.

Annual Reports, Dept. of Mines, B.C.; 1929, p. 330; 1930, p. 259; 1931, p. 148; 1933, p. 211.

Galloway, J.D.; Lode Gold Deposits of B.C.; Bulletin No. 1, 1932, p. 119, Dept. of Mines, B.C.

Wheeler, J.O.; Big Bend Map-Area, B.C.; Paper 64-32, p. 31, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 237 A, Big Bend Map Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Summ. Rept. 1928, Pt. A.

Map 12-1964, Big Bend, B.C., (Geol.), Sc. 1":4 miles - accomp. Paper 64-32.

Map 82 M/8 E, Downie Creek, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-65						