

PRODUCT SILVER  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 82 K/3  
RÉGION DU S.N.R.C.

REF. AG 14  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

HOMESTAKE, HAZEL

OBJECT LOCATED - IC shaft.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 50°03'07"

Long. 117°08'45"

Mining Division Slocan  
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

The property is underlain by Triassic sediments, mainly slate, argillite, and limestone of the Slocan Series. These rocks strike westerly and are folded to moderate northerly and southerly dips. A drift from the Hazel adit follows a bedded vein locally up to 18" wide and mineralized with siderite, sphalerite, and galena.

A steep southerly dipping mineralized fault zone exposed in the Matheson adit is considered to be the westward continuation of the Whitewater vein (see 82 K/3, Zn 3). In the east drift the vein filling consists of up to 3' of sheared material with lenses and small veins of galena and sphalerite. Locally the mineralization occurs on the hanging- and foot-walls, and as replacements in limestone which locally adjoins or is close to the lode. A surface showing, near the IC shaft and apparently in the same fault zone, consists of an 8" wide lens of galena in an 18" wide steep south dipping zone; a sample of galena assayed: Au, trace; Ag, 93.7 oz/t; Pb, 82.9%.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at the 4,600' elevation on the north side of the Kaslo River, just west of Whitewater Creek, some 16 miles northwest of Kaslo. The property adjoins the Wellington property (82 K/3, Ag 13) on the south and is considered to be on the westerly extension of the Whitewater vein (82 K/3, Zn 3). Some of the Homestake underground workings have been extended to provide low-level access to the Wellington property.

Much of the early work was done on the Hazel, Homestake (Porcupine), and IC claims prior to about 1902 but details are lacking. The Hazel claim (Lot 2639) was Crown-granted to Howard Williams in 1898 and by 1901 the Hazel crosscut adit had been driven to 250'. Other workings from that period include the AY adit at the west edge of the Hazel claim, three short adits on the Homestake, and two shallow shafts on the IC claim. Two adits at higher elevations on the Homestake claim (Matheson adits) were apparently driven in later years but details are lacking.

In 1927 the Homestake and adjacent Wellington properties were acquired by Spokane interests who incorporated Wellington Mines Limited. By 1929 the Hazel crosscut had been extended to 1,840', with about 700' of drifts east and west, with disappointing results. Further exploration, under a leasing agreement with S.N. Ross was carried out in the Hazel and Matheson adits between 1932 and 1935. The company resumed work in 1946 and the Matheson adits were extended. Waddington Mining Corporation Limited held an option on the property in 1950 but no development work was reported.

The owners of Wellington Mines Limited incorporated a new company New Wellington Mines Limited in June 1953; the name was changed in 1976 to International Wellington Resources Ltd. Blue Star Mines Limited optioned the property to extend the Matheson adit to the Wellington property. In 1963 a drift on the Homestake vein was re-opened and 98' of raising done.

## Reports of Minister of Mines, British Columbia:

1898, p. 1190; 1901, p. 1029; 1927, p. 287;  
1928, p. 303; 1929, p. 319; 1946, p. 158<sup>+</sup>; 1950,  
p. 142; 1963, p. 74.

Cairnes, C.E.; Descriptions of Properties, Slocan Mining  
Camp, British Columbia; Memoir 184, p. 259, Geol.  
Surv. of Canada, 1935.

††Hedley, M.S.; Geology of the Whitewater and Lucky Jim Mine  
Area; Bulletin No. 22, p. 27, British Columbia Dept.  
of Mines, 1947.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon, (Geol.), Sc. 1":4,000' - accomp. Memoir 173,  
Geol. Surv. of Canada, 1932.

#Lode Systems near Retallack, Sc. 1":800', Fig. 14, Memoir 184,  
Geol. Surv. of Canada.

Geological Map of Retallack Area, Sc. 1":800' - accomp. Bull.  
22, B.C. Dept. of Mines.

\*Map 82 K/3, Rosebery, (Topo.), Sc. 1:50,000.

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-82						