

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 13  
RÉF.

NAME OF PROPERTY WELLINGTON, SUNSET  
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Shaft on Wellington claim.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 50°03'20"

Long. 117°08'50"

Mining Division Slokan  
Division minière

District  
District

Kootenay

County  
Comté

Township or Parish  
Canton ou paroisse

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 and argillite, of the Slokan Series, intruded by a few small basic dykes. These rocks are folded into a series of anticlines and synclines in which the predominant dip is to the south or southwest; at the Sunset workings the dip is northerly. At least three prominent east-west lodes occur in the vicinity, of which only the Wellington-Sunset-Colorado lode passes through the Wellington property. A strong lode about 1,000' to the south which traverses the Homestake and Myrtle Fr. claims is defined as the western continuation of the Whitewater mine lode (see Homestake-Hazel, 82 K/3, Ag 14).

On the Wellington claim the lode comprises a hanging wall split (south lode) striking about N50°E and dip 60°SE, and a footwall split (north lode) striking about E-W and dipping about 70°N. Most of the ore came from the north lode where as much as 5 feet of galena was found in the winze between the 40 and 80' levels.

On the Sunset claim the lode strikes nearly east, dips north at about 55°, and angles across the enclosing strata. Vein material consists of sphalerite, galena, tetrahedrite and pyrite in a quartz gangue.

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 5,000' elevation on the north side of the Kaslo River, near Whitewater Creek, some 16 miles northwest of Kaslo.

The Wellington claim (Lot 553) was staked in 1892 by W. Mathewson and shortly afterwards sold to a syndicate of Ottawa lumbermen who that same year incorporated The Kootenay and Columbia Prospecting and Mining Company (Limited). The claim was Crown-granted to the company in 1894. The company explored the Wellington lode under the mistaken impression that it was the continuation of the Whitewater mine lode. The owners transferred the property to The Wellington Silver Mining Company (Limited), which was incorporated in June 1897. A few tons of ore were shipped from the old workings in 1902; and operations by lessees during the period 1908-10 resulted in the shipment of a further 90 tons. The workings at that time comprised 4 shallow shafts, 2 crosscut adits and 2 intermediate levels; the lower crosscut was driven 750' to the vein, which was drifted on for about 1,000' east to the boundary of the Wellington claim. On the Ivanhoe claim (Lot 1195), about 600' west of the Wellington workings, an adit was driven in search of an extension of the Wellington lode.

The Sunset claim (Lot 970), adjoining the Wellington on the east, was staked at about the same time and Crown-granted to R.E. Lemon and associates in 1896. Development work included a crosscut adit, drift, and stope to surface. Further development work, through the lower level of the Wellington workings, was carried out by the Gold Field Syndicate, of Rossland in about 1900. The claim was owned in the 1930's by the A.H. Buchanan Estate.

Slokan Consolidated Silver Mines, Limited in 1920 acquired an option to purchase the Wellington group of 5 Crown-grants and some rehabilitation of the old workings was reported. In 1927 the Wellington group was consolidated with the Homestake group (82 K/3, Ag 14), which adjoins to the south, by Spokane interests who incorporated Wellington Mines Limited. Much of the work by the company was directed towards the extension of the Whitewater mine lode into the Homestake group. In 1929-30 the old Ivanhoe adit was extended, with disappointing results. In 1934 lessee S. Marzoli, of Sandon, mined and shipped some ore from the Wellington claim.

p.t.o. ....

**HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION**

Production from the Wellington claim for the period 1892-1934 totals 1,961 tons. From this ore 4 ozs gold, 123,240 ozs silver, 510,324 lbs lead, and 192,434 lbs zinc were recovered.

Production from the Sunset claim in 1901 totalled 52 tons. From this ore 8,318 ozs silver and 27,607 lbs lead were recovered.

**REFERENCES/BIBLIOGRAPHIE**

Reports of Minister of Mines, British Columbia:  
 1892, p. 532; 1896, pp. 65, 560, 561; 1901, p. 1029;  
 1929, p. 319; 1930, pp. 252, 447; 1934, p. A 26;  
 1963, p. 74; 1967, p. 253.

+Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Memoir 184, pp. 248, 258, Geol. Surv. of Canada, 1935.

Hedley, M.S.; Geology of the Whitewater and Lucky Jim Mine Area; Bulletin 22, p. 27, British Columbia Dept. of Mines, 1947.

Mineral Policy Sector; Corporation Files: "New Wellington Mines Limited"; "Slocan Consolidated Silver Mines, Limited"; "Blue Star Mines Ltd."

**MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES**

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

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

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

**HISTORY OF EXPLORATION AND DEVELOPMENT (continued)  
 HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR**

Waddington Mining Corporation Limited held an option on the property during 1950 but no development work was reported.

New Wellington Mines Limited was incorporated in 1953 to acquire the Wellington and Homestake properties. Blue Star Mines Limited optioned the properties in 1957. Work during the period 1958-67 was directed in part to extending the Matheson adit northerly some 2,200' from the Homestake claim to the Wellington vein; drifting on the vein totalled 298'; the option was subsequently abandoned. The company name (New Wellington) was changed in 1976 to International Wellington Resources Ltd.

**REMARKS/REMARQUES**

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