

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ CONTACT (BLACK PRINCE NO. 2)

OBJECT LOCATED  
OBJET LOCALISÉ Contact claim (Lot 14943)

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

|      |           |       |            |
|------|-----------|-------|------------|
| Lat. | 50°00'50" | Long. | 117°05'10" |
|------|-----------|-------|------------|

|                                     |        |                      |
|-------------------------------------|--------|----------------------|
| Mining Division<br>Division minière | Slocan | District<br>District |
|-------------------------------------|--------|----------------------|

|                 |  |
|-----------------|--|
| County<br>Comté | Township or Parish<br>Canton ou paroisse |
|-----------------|--|

|            |   |
|------------|---|
| Lot<br>Lot | Concession or Range<br>Concession ou rang |
|------------|---|

|              |            |          |
|--------------|------------|----------|
| Sec<br>Sect. | Tp.<br>Ct. | R.<br>R. |
|--------------|------------|----------|

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Map 273 A indicates the vicinity is underlain by Triassic sedimentary rocks of the Slocan Series. A limestone bed about 150 feet thick is interbedded with shaly and slaty argillaceous rocks. The limestone has been extensively replaced, particularly along the hangingwall, by manganeseiferous siderite over variable widths up to about 90 feet, and averaging about 20 feet. Surface work indicates a mineralized strike length of at least 200 feet, and probably more than 600 feet. A sample of spathic iron, from the face of No. 1 adit, analyzed by Mines Branch, Ottawa contained: Mn, 10.03 %; Fe<sub>2</sub>O<sub>3</sub>, 43.56 %; MnO<sub>2</sub> (calculated) 15.86 %. Various analyses of other samples ranged from 12 to 20 % metallic manganese.

The manganeseiferous siderite carries locally a little sulphide mineralization, including pyrite, galena and sphalerite in small veins. Surface work in 1933 exposed a showing of lead carbonate and galena for a length of 22 feet and width of 8 feet along the footwall side of the limestone bed. Various assays and analyses have given values ranging as follows: silver, 0.6 to 69.1 oz/t; lead, 0.2 to 80.2 %;

zinc, 0.3 to 23.4 %.  
Associated Minerals or Products  
Minéraux ou produits associés

Silver, lead, zinc

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

The property is located at 3 200 feet elevation on the southwest side of Kaslo River, some 17 km northwest of Kaslo.

The property was owned in 1913 by L.A. Lemon and known as the Black Prince No. 2. Work to that date included trenches and a 30 foot adit to explore showings of lead carbonate and galena. During the period of World War I, the manganese potential of the property was investigated by owners Lemon and A.J. Curle, of Kaslo. Development work to 1918 included extensive trenching, an upper crosscut adit of unreported length and a lower crosscut adit 185 feet in length, with drifts in both adits. The upper adit reportedly cut "No. 1 vein" over a width of 13 feet and "No. 2 vein" over a width of 14 feet; the lower adit cut what was believed to be No. 2 vein some 175 feet below its surface outcrop. Mr. Curle, 1918, estimated 10 000 tons grading 12 to 15 percent metallic manganese and 40 to 45 percent iron, based on the above work and on assays by E. Dedolph, of Kaslo.

By 1931, the property was comprised of the Contact, Con, Contact No. 1 and 2, and Fold claims, owned by A.J. Curle.

Prospecting was reported by Mr. Curle in 1931-33, and further prospecting, stripping and trenching in 1939-40. The Contact, Con and Contact No. 1 claims (Lots 14943-14945 respectively) were Crown-granted to A.J. Curle in 1941.

121155

Reports of Minister of Mines, British Columbia: 1913, p. 124; 1931, pp. 144-146<sup>††</sup>; 1932, p. 180; 1933, p. 208.

† Hanson, G.; Manganese Deposits of Canada; Economic Geology Series No. 12, pp. 112-114, Geol. Surv. of Canada, 1932.

Cairnes, C.E.; Description of Properties, Slocan Mining Camp; Memoir 184, p. 204, Geol. Surv. of Canada, 1935.

Eardley-Wilmot, V.L.; Field Trip, Manganese Notes, August 1939, in File MR-Mn-201.00 British Columbia, Mineral Policy Sector, Ottawa.

Curle, A.J.; Letter to Dept. of Mines, Ottawa, 15 November, 1918, in File MR-Mn-301.00 British Columbia; Mineral Policy Sector, Ottawa.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon (Geol.), Sc. 1": 4 000 feet, accomp. Memoir 173, Geol. Surv. of Canada, 1934.

#Map 82 K/3, Roseberry, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

|                                 |       |  |  |  |  |  |  |
|---------------------------------|-------|--|--|--|--|--|--|
| Comp./Rev. By<br>Comp./rév. par | DMacR |  |  |  |  |  |  |
| Date<br>Date                    | 01-88 |  |  |  |  |  |  |