

PRODUCT CHROMIUM
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 82 E/3
RÉGION DU S.N.R.C.

REF. CR 3
RÉF.

NAME OF PROPERTY BELCHROME, BRIDON
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Property #4, Map 15-1961.
OBJET LOCALISÉ

| | | |
|---|---|---------------------------|
| UNCERTAINTY 300 m FACTEUR D'INCERTITUDE | Lat. 49°11' Lat. | Long. 119°13'20" Long. |
| Mining Division Greenwood Division minière | District District | Similkameen |
| 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

Map 15-1961 indicates the host rock is a northwest trending zone of Jurassic (?) serpentine within Permian and/or Triassic Anarchist Group metamorphosed sediments and volcanics. The serpentine strikes N30°W along the top of the ridge, dips steeply and is at least 300' wide. The showings all occur in the highly sheared serpentine zone and consist of lenses of chromite ranging from a few inches to 7 feet wide and from a few feet to 100 feet long. The most important showings occur over a length of 2,200 feet along the top of the ridge and on the strike of the serpentine. Grab samples from lens A (4' wide x 40' long) assayed 30.21% Cr₂O₃ and from lens B (1.7' wide x 90' long) assayed 28.28% Cr₂O₃. The chrome-iron ratio from a composite sample was 1.84:1. Mines Branch tests indicate the mineralization is extremely fine grained and recovery by gravity concentration is very low (40 to 50%). In addition, the chromite mineral is of the variety known as an aluminian chromite and carries considerable quantities of both aluminum and magnesium in its composition, making it impossible to produce a concentrate high in chromium. A sample assayed: Chromium, 21.15%;

Alumina, 20.78%; Magnesia, 15.22%
Minéraux ou produits associés

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

The property is located at about 6,100' elevation at the head of Rock Creek some 25 miles west-northwest of Greenwood.

The showings were probably discovered in the early 1900's and the ground was reportedly restaked several times. In 1956 the Bridon group of 6 claims was staked by B.A. Fenwick-Wilson, of Rock Creek.

Belair Mining Corporation Ltd optioned the property and staked adjacent ground to a total of 34 claims. Work in 1957-58 included 4,000' of trenching, 1,600' of diamond drilling and a magnetometer survey.

121537

Reports of Minister of Mines, British Columbia:
1957, p. 35+; 1958, p. 34.

Mineral Policy Sector; Corporation Files: "Belair Mining
Corporation Ltd".

Mines Branch, Ottawa; Investigations in Ore Dressing and
Metallurgy; IR 58-145, Sept. 1958.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1961, Kettle River (West Half), (Geol.), Sc. 1":4 miles,
Geol. Surv. of Canada.

*Map 82 E/3, Osoyoos, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

| | | | | | | | |
|---------------------------------|-------|--|--|--|--|--|--|
| Comp./Rev. By Comp./rév. par | DMacR | | | | | | |
| Date Date | 12-85 | | | | | | |