

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 82 F/15
RÉGION DU S.N.R.C.

REF. PB 9
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BUCKEYE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°45'10" Long. 116°56'40"
Lat. Long.

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

1961: Guichon Mine Ltd.,
736 Granville St.,
Vancouver.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are argillite, quartzite, limestone and schist of the Slocan series. The Buckeye is a part of the Highland fissure system which includes the fissures of the Jewel, New Jerusalem and Ayesha claims. The ore is associated with this system of northwesterly striking fissures but occurs as replacement in the north-south striking limestones in the zone of intersection. The ore consists of pyrite, sphalerite, galena and their oxidation products, in a gangue of silicified limestone, calcite and quartz.

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

The Buckeye and Buckeye No. 2 claims are located north of Cedar Creek and just to the west of the Highland property. They were Crown granted to Dalgleish and Parker in 1904 and have been worked infrequently since that time.

Development work in 1918 consisted of 2 inclined shafts, 100 feet apart, each about 40 feet deep, and one tunnel 200 feet long driven in under the shafts. The tunnel, which is about 75 feet below the surface showings, was driven as a crossect for 70 feet. At that point a body of zinc ore was intersected and followed for 45 feet. A second tunnel, driven 100 feet below the outcrop was not extended far enough to reach the limestone.

Guichon Mine Ltd. acquired the claims along with an option on the Silver Bell, Ellen Glen, Free Silver, Harrison and Silver Glance. In 1952 the main adit was extended along what appears to be the most easterly of three narrow cross-fissure veins in echelon to the northwest. Two narrow, bedded fissure veins appear to displace the cross-fissure a few feet at 40 and 240 feet respectively from the portal. At 240 feet from the portal a raise was driven 80 feet to connect with the bottom of one of the shafts. A sublevel was started 40 feet below the surface and replacement ore, to a width of 15 feet, was mined adjacent to the shaft. Diamond drilling completed during the year amounted to 942 feet in 9 holes. In 1954 leasers drove a short drift to investigate the diamond drill results.

Al. ... Resources Ltd. in 1954

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

The only record of production is for the years 1953-54 when a total of 549 tons of ore was shipped. From this ore 1,146 ounces of silver, 57,105 pounds of lead and 54,186 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Geology and Mineral Deposits at Ainsworth, British Columbia; Paper 44-13, Geol. Surv. of Canada.

Schofield, S.J.; Geology and Ore Deposits at Ainsworth Mining Camp, British Columbia; Mem. 117, p. 58, Geol. Surv. of Canada, 1920.

Annual Reports, Dept. of Mines, B.C.: 1931, p. 143; 1952, p. 165; 1953, p. 133.

Mineral Policy Sector; Corporation File: "Buckeye Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 603 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 228.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	07-62						

BCI 82F/NE-14.