### PRODUCT
GOLD

<table>
<thead>
<tr>
<th>NAME OF PROPERTY</th>
<th>CARIBOO-AMELIA</th>
</tr>
</thead>
</table>

### OBJECT LOCATED
OBJET LOCALISÉ

<table>
<thead>
<tr>
<th>UNCERTAINTY FACTEUR D'INCERTITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lat. 49°05'</td>
</tr>
<tr>
<td>Long. 119°10'</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mining Division</th>
<th>Greenwood</th>
</tr>
</thead>
<tbody>
<tr>
<td>District</td>
<td>Similkameen</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Township or Parish</th>
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<tbody>
<tr>
<td>Canton ou paroisse</td>
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### OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT
1980 - McKinney Resources Inc.

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

The Cariboo-Amelia property at present consists of 8 Crown-granted claims - the Emma, Alice, Cariboo, Amelia, Maple Leaf, Sawtooth, Okanagan and Wiarton.

Placer gold was recovered from Rock Creek and its tributaries as early as 1860. However it wasn't until 1884 that lode gold was found on the area, followed 3 years later by the discovery of Cariboo vein. The history of the Cariboo-Amelia from that time until 1960, as outlined by Hill and Stark (1960), is as follows:

1894 - George McAuley and Associates, of Spokane, Washington, after development of the Cariboo and Amelia claims, formed the Cariboo Mining and Milling Company and erected a 10-stamp mill.

1898 - McAuley and Toronto Associates formed the Cariboo McKinney Mining and Milling Company Limited to take over the operation. The milling capacity was increased by the addition of 10 stamps.

1903 - At the end of the year the mine was closed down. The workings had been developed from a vertical shaft 360 feet deep to No. 4 level and by a winze on the vein, 200 feet to No. 6 level. At the eastern limit of the workings the vein was cut by a northerly-striking fault, and exploration failed to locate its extension.

1917 - Twenty-nine claims in the area were optioned by the 1918 Consolidated Mining and Smelting Company and some surface exploration carried out.

1934 - The Braico Development and Investment Company of Vancouver optioned the Cariboo holdings and several other claims. Some surface development was done and five diamond drill holes put down to explore the westward extension of the vein and of the west and central section of the mine.

1939 - Pioneer Gold Mines of B.C. Limited optioned the Cariboo-McKinney holdings and dewatered the mine. Three diamond drill holes were drilled underground from the east end of No. 4 and No. 5 levels, and eight were drilled from the surface to explore the eastward extension of the vein to the north. Results were discouraging and the option was dropped.

1940 - The property was leased by G. Boag and Associates, who mined pillars and stope remnants above the tunnel level.

### DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Underlying the area is a finely-banded sedimentary series comprising many rock types of which the most common are quartzite and a calcareous greenstone. A large body of granodiorite, which occupies the basin of McKinney Creek, is intrusive into the bedded series. In the western part of the area the rocks are folded into an irregular, overturned syncline, and faulting has been intense. The Cariboo vein is a persistent, rather narrow, quartz-filled fissure, mineralized with pyrite, sphalerite, galena and chalcopyrite. The vein strikes westerly, dips vertically to steeply southward, and was traced underground in the old workings for a distance of about 2,000 feet, to a depth of 530 feet.

Associated minerals or products - Silver, lead, silica.
HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Total production to 1939 amounted to 69,581 ounces of gold and 6,359 ounces of silver, obtained from 123,457 tons of ore.

In the period from July 1959 to May 1962, 11,291.4 tons of siliceous ore averaging 1.063 oz/ton gold were shipped to Trail. This ore yielded 11,988.7 oz of gold, along with some silver and lead and silica.

REFERENCES/BIBLIOGRAPHIE

Armstrong, J.E.; Geology and Mineral Deposits of Northern British Columbia, West of the Rocky Mountains; Bull. 5, p. 23, Geol. Surv. of Canada, 1946.


Hedley, M.S.; Geology of Camp McKinney and the Cariboo-Amelia Mine, Similkameen; Bull. No. 6, Dept. of Mines, B.C., 1940.


Mineral Policy Sector; Corporation File: "McKinney Gold Mines Limited".


MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1961, Kettle River, (Geol.), Sc. 1":4 miles.

REMARKS/REMARQUES

Minnie-ha-ha (Lot 680)
see Report in Jan Resources Ltd. - SMF 115-81.

Comp./Rev. By
Comp./rév. par
Date
Date
01-63
1941 - Highland-Bell Ltd., who had done some development work on the Wiarton claim in 1940, took over the lease, mined some ore and did 200 feet of drifting and crosscutting above the water level at the tunnel level. The lease reverted to Boag and Associates late in the year.

1942 - Leases on the mine were taken by E. Wanke and Associates on Rock Creek, B.C., who continued working through 1946 after dewatering the mine to the No. 2 level, and by Fritz, of Midway, B.C., who worked through 1943.

1957 - W.E. McArthur, of Greenwood, optioned the property and, with associates, located the eastern extension of the main vein beyond the fault by surface diamond drilling.

1958 - R. Hunstone and associates optioned the property and incorporated as H. & W. Mining Co. Ltd. The shaft was dewatered and a crosscut driven 240 feet in the hangingwall of the vein on No. 5 level. The faulted portion of the vein was encountered and drifted on for 60 feet.

1959 - McKinney Gold Mines Limited acquired, in July 1959, the purchase option formerly held by the H. & W. Mining Co. Ltd. Following this a new shaft was completed to a depth of 500 feet and new 5 and 6 levels were established from which 750 feet and 1,000 feet, respectively, of development work was carried out and all production obtained. In the spring of 1962 an extension of the 6th level for 450 feet to the east, and 2,600 feet of diamond drilling failed to locate additional ore and in May all work was suspended.