

PRODUCT **BERYLLIUM**

PROVINCE OR TERRITORY **British Columbia**

N.T.S. AREA **94 D/8**

REF. **Be 1**

NAME OF PROPERTY **DORTATELLE CREEK**

HISTORY OF EXPLORATION AND DEVELOPMENT

This occurrence is located near the head of Dortatelle Creek, some 45 miles southeast of Thutade Lake.

LOCATION

Lat. **56°25'** Long. **126°07'**

Mining Division **Omineca** District **Cassiar**

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Beryl was identified in a block of pegmatite in a moraine near the source of Dortatelle Creek. Pink pegmatite dykes are abundant in that vicinity, cutting old schistose and gneissic rocks of the Asitka Group, which is classed as "Lower Permian and (?) Earlier". The locality is near the northwest tip of a large granitic mass referred to as the Omineca batholith. Beryl crystals as much as three-quarters inch in diameter, were observed in a block of pegmatite from a dyke that was at least 3 feet wide, composed of pink feldspar and quartz with a little garnet and pyrite. Molybdenite occurs at two localities 0.8 mile to 2 miles south, and a little chromite was found in the ultramafic plug nearby.

Associated minerals or products of value

# HISTORY OF PRODUCTION

# REFERENCES

- Lord, C.S.; McConnell Creek Map-Area, Cassiar District, British Columbia; Memoir 251, p. 64, Geol. Surv. of Canada, 1948.
- Mulligan, R.; Geology of Canadian Beryllium Deposits; Economic Geology Report No. 23, p. 57, Geol. Surv. of Canada, 1968.

Shipping point

Distance from mine

Material shipped

Carrier

Destination

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## MAP REFERENCES

Map 962 A, McConnell Creek, (Geol.), Sc. 1":4 miles - Accomp. Memoir 251.

Map 94 D, McConnell Creek, (Topo.), Sc. 1:250,000.

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## REMARKS

FEB 1969