

NAME OF PROPERTY LIZA LAKE

OBJECT LOCATED -southwest end of Liza Lake.

UNCERTAINTY IN METERS-500. Lat. 50°54'50" Long. 122°33'20"

Mining Division Lillooet District Lillooet

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

These deposits are associated with serpentized peridotites of the Shulaps volcanics which underlie the Cadwallader Series of lower Jurassic age. They are believed to be formed by deep-seated hydrothermal alteration of the peridotite, rather than surface alteration. The main outcrop, 52 feet wide and 48 feet long, contains both massive and crystalline magnesite and is cut by numerous chacedony veinlets. There are other similar, but smaller, outcrops in the vicinity. The deposits are not of a high degree of purity. Results of analyses by the Mines Branch are as follows:-

	1	2	3
MgO	43.42	42.20	28.14
CaO	0.46	3.25	18.48
FeO	0.56	---	---
Fe ₂ O ₃	0.25	0.95	1.64
Al ₂ O ₃	0.23	0.59	0.92
CO ₂	47.28	48.55	45.18
SiO ₂	7.46	4.08	4.08
H ₂ O (above 105°C)	0.58	---	---
H ₂ O (below 105°C)	0.10	---	---

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

These showings are situated about twelve miles northwest of Rexmount, near the southeast end of Liza Lake. The main outcrop is at an elevation of 4,300 feet.

In 1941, Mr. Thomas Elliott and associates held 28 mineral claims by location. Very little exploratory work was done.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Drysdale, C.W.; Bridge River Map-Area; Summary Reports, 1915, pp. 83-84; 1916, pp. 48-52, Geol. Surv. of Canada.

McCann, W.S.; Geology and Mineral Deposits of the Bridge River Map-Area, British Columbia; Memoir 130, pp. 75-77, Geol. Surv. of Canada, 1922.

Leech, G.B.; Geology and Mineral Deposits of the Shulaps Range; Bulletin No. 32, p. 54, British Columbia Dept. of Mines, 1953.

Mineral Resources Branch; M.C. File 167-M1-2-23.

MAP REFERENCES

Map 1882, Bridge River, (Geol. and Topo.), Sc. 1:125,000 - accompanying Memoir 130.

*Map 92 J, Pemberton, (Topo.), Sc. 1:250,000.

REMARKS

Comp./Rev. By	C. D.						
Date	10-73						

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