

PRODUCT
PRODUIT

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

N.T.S. AREA
RÉGION DU S.N.R.C.

REF.
RÉF.

NAME OF PROPERTY

NOM DE LA PROPRIÉTÉ

PRODUCT

Infusorial earth.
(DIATOMITE)

PROVINCE

BRITISH COLUMBIA.

MAP SQUARE B 9

No.

92 P/2
874/4

NAME OF PROPERTY

QUARRY & DERRICK

DEVELOPMENT WORK

NEAREST POST OFFICE

LOCATION Deadman Lake, 25 mls. N. of Savona Stn., C.P.R.
Mining Division Kamloops. District Yale.

County

Township or Parish

Concession or Range, and Lot

L.S.

Sec.

Tp.

R.

Equipped
Not equipped

OWNERS OR OPERATORS AND ADDRESS

PRODUCTION

Material shipped

Date of first shipment

TRANSPORTATION

Shipping point

Distance from mine

Carrier

Destination

DESCRIPTION OF DEPOSIT

Ore or substance Diatomaceous earth. Tripoli.
Tripolite.

Character of Deposit Evidently extensive and of great thickness. One perfectly white and smooth layer being said to measure from 10 to 20 ft. Mr. McIntyre says that 350 to 500 acres are exposed.

Country Rock

Associated minerals of value

MAP REFERENCES

General and district maps

Map 3 - 1966, Bonaparte, B.C. (Geol.), S.C.
1" : 4 miles

Detail maps, plans, sections

120966

BIBLIOGRAPHY

REMARKS

Described as a white chalky, fine-grained material - at first thought to be Kaolin, but probably diatomaceous earth. It is light in weight. It is "remotely situated as regards transportation facilities."

Results of 5 partial chemical analyses, as given in "Mine, Quarry & Derrick," April, 1915.

Silica, . . .	69.0 - 70.1 - 72.0 - 81.0 - 83.22
Alumina, . .	15.1 - 17.2 - 16.0 - 10.12 - 7.77
Iron Oxide	1.1 - 0.98 - 0.3 - 0.45 - 0.31
Lime	0.3 - 0.30 - 0.97. 0.40 - 0.98

Results of 2 analyses made at the Mines Branch Laboratories - Vide p. 53, G.S.C. Summary Report, 1916.

	No. 2.	No. 3.
Silica	80.40	80.80
Alumina	6.30	5.96
Iron	1.42	1.42
Magnesia	0.46	0.54
Lime	0.32	0.36
Alkalis	0.45	not det.
Titanium	0.30	0.30
Water	10.00	11.00
	99.65	100.38

In another case, a sample is said to have run as high as 92% silica.

Vide memo. to Dr. W.F. Ferrier from Mr. J. Keele, (2-1-18), and letter from Mr. Murdock McIntyre.