

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ ASBESTOS GROUP (SPROAT MOUNTAIN)

OBJECT LOCATED Showings  
OBJET LOCALISÉ

UNCERTAINTY 1 000 m  
FACTEUR D'INCERTITUDE Lat. 50°45'10" Long. 117°56'

Mining Division Division minière	Revelstoke	District District
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

## DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Map 235 A indicates the westerly side of Sproat Mountain is underlain by Late Precambrian Windermere rocks of the Hamill and Lardeau Series and Badshot Formation. An ultra-basic dyke, now altered to talc and serpentine, is exposed over a length of 1 500 feet and a width of as much as 700 feet in a quartzite, argillite, limestone series. Chrysotile asbestos occurs scattered throughout the serpentine in cross-fibre veinlets 1/16 to 3/4 inches wide, and as slip-fibres along numerous small slips. Fibre length is mainly in the range of 1/16 to 3/16 inch; slip fibres vary in length but average 3 inches or less. Bulk tests by Mines Branch Ottawa in 1928 rated the fibre as cement stock, but further tests in 1949 rated it as paper stock or 4 Z grade.

The dyke is altered to talc around the edges and in a zone across the strike. The colour of the talc varies from dark grey through shades of green. The largest exposure is a zone 20 feet wide, 50 feet long, and up to 6 feet deep.

Manganese carbonates occur in quartz stringers that cut a massive quartzite on the east side of the serpentine dyke. A 1/2 lb sample submitted to Mines Branch, Ottawa in

Associated minerals or products  
Minéraux ou produits associés Talc, manganese

p.t.o.

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

The property is located at about 4 300 feet elevation on the west side of Mount Sproat, at the north end of Upper Arrow Lake, some 33 km southeast of Revelstoke.

Asbestos showings were discovered many years prior to 1921 by R. Armstrong, a resident of the community of Sidmouth at the lower southwest edge of the mountain. An old adit of about 70 feet length at 4 150 feet elevation is shown on McCammons map (1950), but its origin is unreported. By 1921, the property was held by Armstrong and J.T. Lauthers as the Asbestos 1-4 claims. In 1927, Mr. Lauthers optioned 6 claims to Lardeau Mines Exploration, Limited. Prospecting and trenching indicated a large area of asbestos-bearing serpentine; a 300 lb sample was shipped to the Mines Branch, Ottawa.

By 1939, the property was owned by Lauthers and Dan McIntosh, of Revelstoke. In 1949, Acme Asbestos Cement Limited optioned the property. Geological work was carried out by V. Dolmage and a 524 lb sample was sent to the Mines Branch, Ottawa.

Pacific Asbestos Corporation, Limited, in 1950, optioned the Asbestos 1 and 2 claims from Mr. Lauthers, the Asbestos 3 and 4 and IXL 5-8 from Margaret McIntosh, and the Acme 1-6 from Peter Van Eynsbergen. Work by the company included 1 500 feet of diamond drilling.

Western Asbestos and Development Ltd in 1952 optioned the Asbestos and IXL groups and staked the Sidmouth 1-15 claims. Work in 1953 included bulldozer stripping and about 600 feet of diamond drilling in 3 holes on Asbestos no. 2 claim.

Canadian Johns-Manville Asbestos Limited in 1962 bought 69 claims covering the property. Work included geological mapping, trenching, and a magnetometer survey.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

DESCRIPTION OF DEPOSIT (con't)

1939 was reported to be rhodocrosite and assayed 50.37 % manganese, 2.01 % iron.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

- Map 235 A, Lardeau Area (Geol.), Sc. 1": 4 miles, accomp. Memoir 161, Geol. Surv. of Canada, 1930.
- #Index Map of Lardeau Area, Sc. 1": 14 miles, Summary Report 1921, p. 118 A, Geol. Surv. of Canada.
- #Asbestos deposit, Sproat Mountain, Sc. 1": 180 feet, Fig. 15, Report of Minister of Mines, 1950, p. 215 (J.W. McCammon Report).
- \*Map 82 K/13, Camborne, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-88						

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1921, p. 159; 1927, p. 290; 1928, p. 313; 1949, p. 246; 1950, pp. 214-217; 1953, p. 184; 1962, p. 146.

Bancroft, M.F.; Lardeau Map Area; Summary Report 1921, pt. A, pp. 111, 112, Geol. Surv. of Canada.

Wilson, M.E.; Talc Deposits of Canada; Economic Geology Series No. 2, p. 51, Geol. Surv. of Canada, 1926.

Mineral Policy Sector, Ottawa: File MR-Mn 301.00, British Columbia.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1928, Report 711, pp. 95-96 (No. 308). Report of the Mineral Dressing and Metallurgical Laboratories; 1949, Investigation No. 2594.