

2536

Geological Report

on

The Asbestos Group

Thirteen miles southwest of Lytton,
lat. 50 09 N. long. 121 50 W.

by

John S. Vincent, P.Eng.

The claim holder is Mr. Stephen May, and the
examination was undertaken for Magnetron Mining Ltd. (NPL)
on August 7 and 8th., 1970.

Vancouver, B.C.

August 24, 1970.

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APPENDIX

REFERENCES



SEE FIG. 3

2 Mi.

PROPERTY LOCATION MAP

LYTTON SHEET
P 3527 (W)

FIG. 2

INTRODUCTION

At the request of, and accompanied by, Mr. C. Agar of Magnetron Mining Ltd. (NPL) the writer undertook an examination of the 3 claims making up the Asbestos Group August 7 and 8th, 1970. The purpose of the examination was to evaluate the occurrence of asbestos and present the results in a report suitable for assessment purposes. Towards this end, the occurrences were examined and a geological sketch map was prepared of the immediate area. For location and control purposes a topographic map was used (Figure 2), and measurements were made with the aid of a Brunton Compass and pocket altimeter. Due to the rugged topography outcrop is extensive, and cliff faces provide continuous exposure.

The reader is referred to the appendix for a list of maps and reference material used.

PROPERTY

The property consists of 3 mineral claims staked by Mr. Lewis George Woodman in September of 1952. The claims are in the Kamloops Mining Division, and their record numbers are as follows:

<u>Claim</u>	<u>Record Number</u>	<u>Expiry Date</u>
Green	12570 (M)	September 2, 1970.
Blue	12656 (M)	September 26, 1970.
White	12657 (M)	September 26, 1970.

All interests were transferred to H.C. Spencer-Lewis May 24, 1960, and again transferred to Mr. Stephen May August 18, 1965.

During the course of the examination the initial posts for the Green and Blue claims were located and plotted as shown on Figure 3; locations 1 and 3 respectively. As shown on Figure 3, it appears that approximately a half-claim

gap may exist between the Green and White - Blue claims due to an excessive distance between the initial and final posts of the Green claim. The final post of the Green claim was not located.

At location 2 a large cairn of rocks contained a can with the following claim tags and information.

- a) IP B 4106; Kanaka #1; McMahon, September 7, 1953; FP 1500' 5 W of N.
- b) IP B 4107; Kanaka #2; R. Gunn, September 7, 1953; FP 1500' 5 E of S, left.
- c) IP B 4108; Kanaka #3; FP 1500' 5 E of S; right.
- d) IP B 4109; Kanaka #4

At location 4 a tag in a cairn of rocks was identified as;

FP A 76875; Jimmy #1; J. McMahon, November 10, 1954;
IP 1500' SE.

These claims are not shown on the current claim map.

LOCATION & ACCESS

The property is located ^{12 1/2} 13 miles southwest-by west of Lytton, and ^{3 1/2 ?} 2 1/2 miles southeast of Skihist Mountain; Figures 1 and 2. The area is accessible by helicopter from Lytton, or by packtrail along Kwoiek Creek from Kanaka. A logging company is presently constructing a road up the creek as far as Kwoiek Lake, and this will help considerably in opening up the area.

The topography is typical coast range, and rugged. The average relief within the area examined is approximately 2000 feet, and treeline occurs at 6500 feet.

HISTORY

For the length of time the claims have been held surprisingly little work has been done. At locations 1 and 2 on Figure 3, small pits were found from which samples of fibrous material were taken. Apart from this no further evidence of work was observed.

GEOLOGY

Regional:

The underlying geology of the area consists of a broad northwesterly-trending tongue of metamorphosed Triassic(?) sedimentary rocks intruded by sills of serpentized ultrabasics, and enveloped by large masses of granodiorite belonging to the Coast Range series of intrusions.

The sedimentary rocks vary in composition from argillaceous to greywacke with the occasional band of conglomerate, quartzite, and limestone. This metamorphosed belt of rocks extends approximately 20 miles southeast to Keepers on the Fraser River, and is described by Duffell and McTaggart, 1, p24.




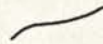
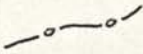


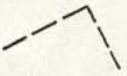


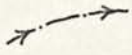

Local:

The area covered by the claim group is underlain entirely by a series of thinly bedded argillites, quartzites, limestones, and serpentized ultrabasic sills, Figure 3. Granodiorite was observed in contact with the sediments beyond the southwestern boundary of the White claim.

The argillites are fine grained, thinly laminated, and alternate with graphitic to micaceous schists. The occasional band of dirty quartzite and sandy limestone was observed on the Blue claim.

The reported occurrences of asbestos were examined in small pits at locations 1 and 2. Considerable shearing has taken place in the area of # 1 along the contact zone between the serpentinite and sediments to the southwest. Hydrothermal activity along this zone has created lenticular masses of talc, tremolite, and carbonate, and it is in one of these pods that a small trench has been blasted. The pod is approximately 6 ft. by 20 ft., concordant with the enclosing foliation, and the well developed fibrous lineation is vertical.

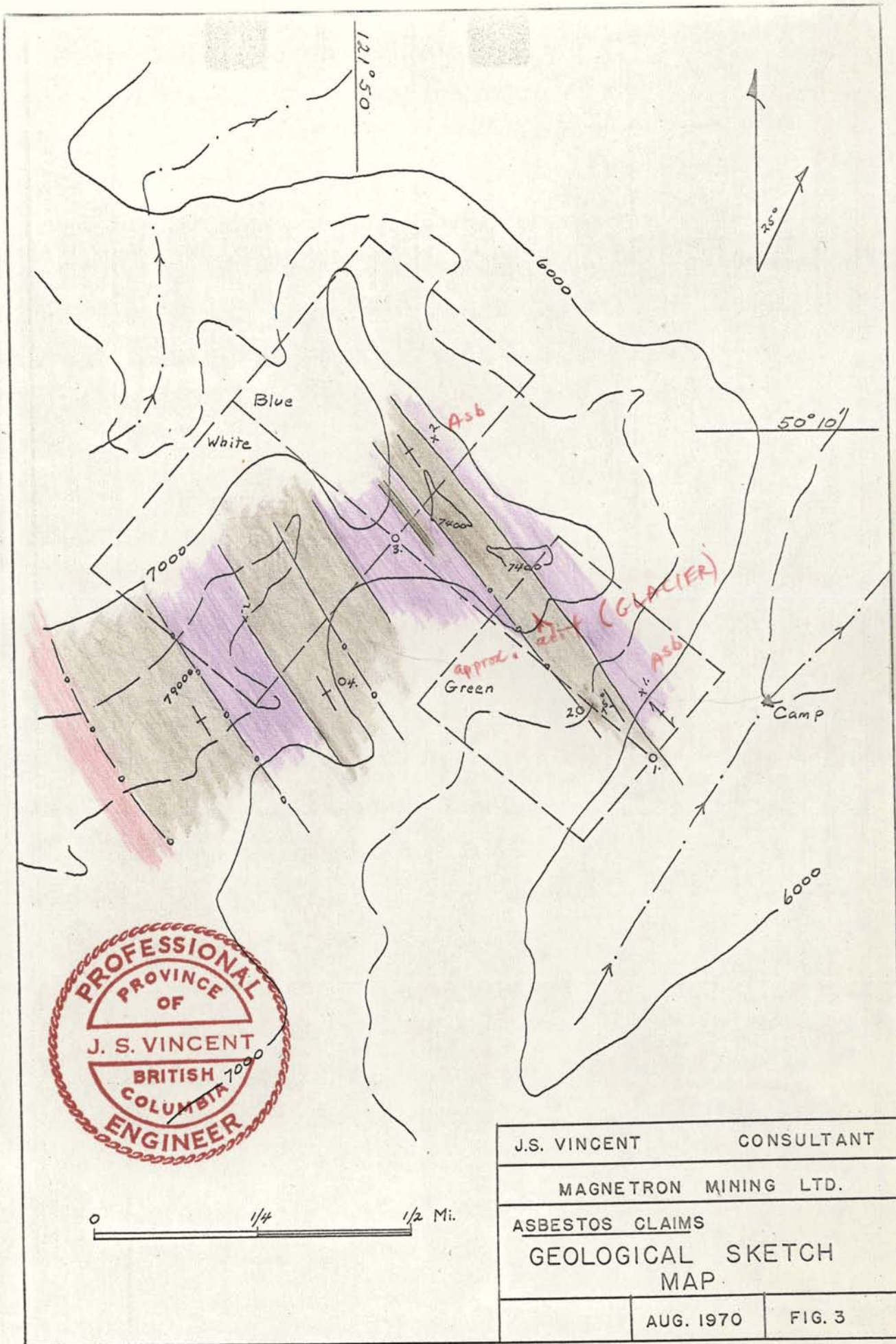
LEGEND

	Serpentinite
	Sediments
	Granodiorite
	Geological Contact, Defined
	Geological Contact, Assumed
	Claim Posts
	Mineral Showings
	Claim Boundaries
	Bedding Attitude
	Stress Foliation
	Stream
	Camp Location

The scale of Figure 3 is 3 times that of the topographic map in Figure 2.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 2536 MAP #3



J.S. VINCENT		CONSULTANT
MAGNETRON MINING LTD.		
ASBESTOS CLAIMS		
GEOLOGICAL SKETCH		
MAP		
AUG. 1970		FIG. 3

The fibrous mineral is predominantly tremolite which grades into white masses of talc. The contact zone is approximately 20 ft. wide, and the serpentinite varies from blue-green to a light mottled buff brown carbonate - rich combination of talc and serpentine. Magnetite is visible in irregular small stringers and patches in the blue-green variety. Numerous slip surfaces are coated with picrolite, and vertical striations indicate a predominant dip-slip movement.

Further along strike at location #2 similar material was found in a few low-angle fractures associated with a dark blue-black serpentinite. These fractures had a random orientation, and varied in width from $\frac{1}{2}$ to 3 inches. The larger fractures grade into small pods of material similar to that described above. The cross-fibre in the finer fracture is very harsh when prodded with a knife, and appears to be largely tremolite.

A careful examination across the serpentinite sills to the southwest did not reveal any further occurrences of fibrous material. It should also be noted that no fibrous material was found in the many rock slides below the ridges.

CONCLUSIONS

The samples of fibrous material which aroused initial interest in the property have been taken from small isolated tremolite - talc - carbonate pods localized in a shear zone along the sediment - serpentine contact. The quality of the fibre for commercial purposes is highly questionable, and there is very little chance that any quantity of the material could be outlined.

RECOMMENDATIONS

In view of the small quantity and questionable quality of the fibre examined no further work is recommended.

Respectfully Submitted,

John S. Vincent
John S. Vincent, P.Eng.,
Consulting Geologist.

Vancouver, B.C.
August 24, 1970.

CERTIFICATE

August 24, 1970.

I, John S. Vincent, with business and residential addresses in Vancouver, British Columbia, do hereby certify that:

1. I am consulting mining geologist.
2. I am a graduate of Queen's University, B.Sc., 1959, Geological Sciences, and of McGill University, M.Sc., 1962, Economic Geology.
3. I am a Fellow of the Geological Association of Canada, and a member of the Association of Professional Engineers in the Province of British Columbia.
4. From 1962 until 1969 I was engaged as a mine exploration geologist with the International Nickel Co. of Can. Ltd. in Thompson, Manitoba.
5. I have not received, nor do I expect to receive any interest, directly or indirectly, in the properties or securities of Magnatron Mining Ltd., or of any associated company.

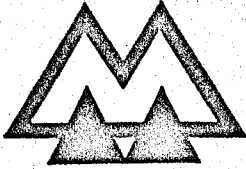
Respectfully Submitted,

John S. Vincent
John S. Vincent, P.Eng.,
Consulting Geologist.

Vancouver, B.C.

REFERENCES

1. Ashcroft Map Area, British Columbia; Memoir 262, 1952, S. Duffell and K.C. McTaggart.
2. Mineral Claim Map 921/4W (M).
3. Lytton topographic map, advance print P 3527.
4. Ashcroft topographic map, 92-1, edition 2.



MAGNETRON mining ltd. (n.p.l.)

2020 - 777 Hornby Street Vancouver 1, B.C. Phone 688-9114

August 25, 1970.

STATEMENT OF COSTS

Re: Asbestos Group (Green, Blue and White Claims)

ENGINEERING

For services rendered in examining the Green, Blue and White claims, and preparing assessment report.

2	field days	@ \$200.00 per day....	\$400.00	
1	1/2 office days	@ \$200.00 per day....	<u>300.00</u>	\$ 700.00

TRANSPORTATION

Bell 206A Helicopter				
1.52 hours	@ \$230.00 per day....			349.60
Automobile (Vancouver-Lytton-Vancouver)				
400 miles	@ 10¢ per mile.....			40.00

FOOD AND LODGING

Food, meals	\$ 71.28		
Lodging	<u>59.00</u>	<u>130.28</u>	
			<u>\$1,219.88</u>

Respectively submitted,
Magnetron Mining Ltd. (n.p.l.)

Per:

Charles A. Agee
Charles A. Agee

Field Superintendent

Declared before me at the

City
Vancouver

in the

Province of British Columbia, this *31*

day of *August* 1970, A.D.

Charles A. [Signature]

Jessie Turner

A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia or

Sub-mining Recorder

