

File #7455

TELEPHONE
MUTUAL 2-3868

1112 WEST PENDER STREET
VANCOUVER 1, B.C., CANADA

017642

February 21, 1963.

Mr. W. C. Robinson,
Inspector of Mines and Resident Engineer,
Court House,
Prince Rupert, B. C.

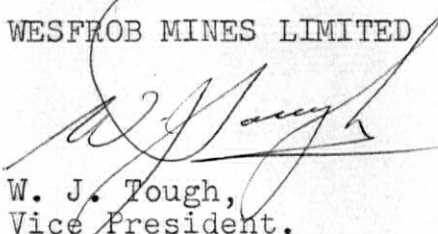
Dear Mr. Robinson:

Re: Information for B. C. Annual Report of
the Minister of Mines for 1962.

Attached hereto is the answer to your question-
naire of December 3, 1962, addressed to Wesfrob Mines
Limited.

I must apologize for my delay. I do hope
that you have not been inconvenienced and that the data
is not too late to be included in the Minister's 1962
report.

Yours very truly,
WESFROB MINES LIMITED


W. J. Tough,
Vice President.

WJT:bp

Encl.

c.c. G. K. Polk

INSPECTOR OF MINES
RECEIVED
FEB 25 1963

PRINCE RUPERT, B. C.

DEPT. OF MINES AND PETROLEUM RESOURCES		
Rec'd FEB 27 1963		

HOWARD SMITH

WESFROB MINES LIMITED

TASU, Q.C.I., PROPERTY

1. a) Wesfrob Mines Limited (Subsidiary of Falconbridge Nickel Mines Limited)
Toronto office: 21st Floor, 7 King St. East.
Vancouver office: 504-1112 West Pender St.
Property: c/o B. C. Air Lines Limited,
Sandspit, B. C.
- b) President: P. N. Pitcher
Resident Geologist: G. K. Polk
2. Property located on south shore of Tasu Harbour near Horn and Gowing islands.
21 Crown granted claims: 27 recorded claims
3. Use data given in Minister's Annual Report, 1961.
4. Diamond drilling, using 2 drills, continued throughout the year 1962.
5. Twenty-four
6. 36,587 Feet of AX drilling, 114 holes, all from surface. No underground work. No trenching. No open cutting. Access road built from beach camp to upper zone at elevation 1300 feet. Length of road - 7422 feet.
7. No ore mined or shipped.
8. Crew and supplies are brought in by aircraft from Sandspit.
9. A new 40-man bunkhouse was completed at year end.
10. Report on geology by Resident Geologist. — attached.

C
O
P
Y

WESFROB MINES LIMITED

Geology: The geology of the south shore of Tasu Sound has been described by A. Sutherland/Brown. (Minister of Mines and Petroleum Resources. Annual Report. 1961)

In the immediate vicinity of the Tasu mineralized zones numbers 1 and 2 the greenstones of the older volcanic series, correlative to the Karmutsen formation, are locally separated from the overlying Kunga limestone formation by a complex of sedimentary and tuffaceous beds, more or less completely metasomatized with masses of porphyritic feldspathic andesite, or "mottled" porphyry which are partially altered to skarn, and which appear to be closely concordant to the bedding.

The #1 Zone occurs as selective replacements by magnetite of certain beds within the skarn-mottled porphyry sequence, well below the limestone, and usually immediately above the sharp contact with the underlying older volcanics. The #1 Zone normally strikes N60E and dips 30 to the NW. It has been traced for 2000 feet along the strike and is still open to the west. Up dip, as the mineralized beds meet or approach the limestone the #1 Zone grades insensibly into the #2 Zone which contains a small amount of copper. The copper mineral is chalcopyrite.

The #3 Zone occurs as massive magnetite replacement of certain beds within the Kunga limestone formation, just above the contact with the older volcanics. This zone strikes NW and dips 20-30 to the SW with a rake of 20-30 to the WNW.

GKP:bp

(sgd.) G. K. Polk

File #7505

TELEPHONE
MUTUAL 2-3868

1112 WEST PENDER STREET
VANCOUVER 1, B.C., CANADA

March 4, 1963.

Mr. W. C. Robinson,
Inspector of Mines & Resident Engineer,
Dept. of Mines and Petroleum Resources,
Court House,
Prince Rupert, B. C.

Dear Mr. Robinson:

My attention has been drawn to an omission
in the first paragraph of the report on Tasu Geology
written by our Resident Geologist.

The correction is as follows -

"In the immediate vicinity of the Tasu
mineralized zones numbers 1 and 2 the greenstones
of the older volcanic series, correlative to the
Karmutsen formation, are locally separated from the
overlying Kunga limestone formation by a complex of
sedimentary and tuffaceous beds, more or less
completely metasomatized to garnet, epidote, pyrite
skarn. These rocks are intercalated with masses of
porphyritic feldspathic andesite, or "mottled"
porphyry which are partially altered to skarn, and
which appear to be closely concordant to the bedding."

Yours very truly,

WESFROB MINES LIMITED


W. J. Tough

WJT:bp

INSPECTOR OF MINES
RECEIVED
6 1963

PRINCE RUPERT, B. C.