GM 01423-A

REPORT ON BARVUE MINING AREA

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Report on

C/6

YOUNG CHIBOUGAMAU-OPEMISKA MINES LIMITED PROPERTY

Barvue Mining Area
Quebec

QUEBEC DEPARTMENT OF MINES
OCT 16 1951
MINERAL DEPOSITS BRANCH
No GM-2423-A

by
J.F.B. Davies, P.Eng.
Mining Engineer

AMOS, Quebec,
July 24th, 1951.

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Property -

Consists of Three Groups of Mining Claims as follows:-

Group I -

Lamorandiere township Range I	Lots 1 & 2	Claims	C-47930 - 1 & 2	1800 acres
	" 3 & 4	"	C-47931 - "	
	" 5 & 6	"	C-47920 - "	
	" 7 & 8	"	C-47921 - "	
	" 9 & 10	"	C-47924 - "	
	" 11 & 12	"	C-47922 - "	
	" 13 & 14	"	C-47923 - "	
	" 15 & 16	"	C-47934 - "	
	" 17 & 18	"	C-47932 - "	
	" 19 & 20	"	C-47933 - "	

Group II

Lamorandiere township	" 21 & 22	"	C-49106 - 1 & 2	720 acres
	" 23 & 24	"	C-49107 - "	
	" 25 & 26	"	C-49108 - "	
	" 27 & 28	"	C-49109 - "	

Group III -

Barraute township Range X	" 24 & 25	"	C-47928 - 1 & 2	800 acres
	" 26 & 27	"	C-47927 - "	
	" 28 & 29	"	C-47929 - "	
	" 30 & 31	"	C-47925 - "	

TOTAL..... 3320 acres

Location -

In the Amos-Barraute Area, Western Quebec, about two miles north and northwest of the Barvue Mine.

Accessibility -

A motor road reaches the northeast corner of the property, connecting with Amos & Barraute.

General Geology -

The Barvue Mining Area is considered to be an extension of the Porcupine "break" and is characterized by a series of east-west shear zones over a width of from eight to ten miles.

Within this same area, there are outlined four distinct bands of siliceous volcanics (rhyolite), which are the host rocks in the Barvue Section.

There is apparently a series of west-of-north faults which bend the main east-west shear zones and govern the occurrences of metallic ore bodies from the Barvue Mine to the Normetal Mine.

Local Geology -

The Barvue & Hershcourt Mines are located on a shear zone in a band of siliceous volcanics.

The Young-Chibougamau-Opemiska Property covers a similar parallel band of siliceous volcanics, about 3000 feet wide and for a distance of 4-2/3 miles.

This band has been traced westward for a distance of fifteen miles, embracing the Monpas Mines and the Jay Copper Mine.

Development to Date -

No work has ever been done on the property except superficial prospecting to confirm the favorable geology.

Recommendations -

It is recommended to dispense with geophysical surveying and to immediately commence exploration by diamond drilling a series of holes to cross-section the favorable siliceous volcanics band, from north to south, in the centre of the property.

A preliminary program of 6000 feet is recommended at a cost of $20,000. This should be completed in three months, with running expenses over this period, including engineering, assaying, camp expense, etc. of $5000. or a total of $25,000.

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General Remarks -

The potentialities of the Barvue Mine and the possibilities of the surrounding country are so immense that few people can grasp the importance of the situation.

The Northern Miner of July 19th introduced an article on Barvue as follows:-

"A construction program that will see the rise of a 4200 ton per day zinc-silver plant in the record-breaking space of a year is swinging into top gear at Barvue Mines, in Barraute township. The property, from a raw prospect last November, rapidly has developed into one containing one of the largest zinc deposits yet found in Canada, with estimates to a relatively shallow depth (700 feet), ranging up to 17,500,000 tons."

Such a tonnage can be expected to have a gross value of $100, Million.

Considering that the metal mines of Northern Ontario and Western Quebec usually only hit their stride at around a 2000 foot depth, it is beyond one's imagination to visualize what will eventually happen at Barvue and its surrounding area.

Conclusions -

(1) The Young Chibougamau-Opemiska Property is strategically located covering an east-west band of siliceous volcanics, which are already recognized as the favorable host rocks in the Barvue Mining Area.

(2) There is every possibility of locating east-west shear zones within this band of favorable rocks and to find valuable metallic sulphide ore bodies.

(3) The large area of the property, over five square miles and completely covering ideal geology, greatly enchances the ore possibilities.

(4) An immediate expenditure of $25,000. is justified when one considers the enormous ore picture that might be disclosed.

(5) It is, of course, a gamble but the returns could conceiveably be considered on a Thousand to One basis.

(SIGNED) J.F.B. Davies, P. Eng.,
July 24th, 1951. Mining Engineer.

Accompanying Plans - (1) Part of Barvue Area - Scale - 1 inch = 1 mile
(2) Geology - Young Chibougamau Mines Limited.
Property - Scale - 1 inch = 1000 Feet.

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