

# GM 00490-B

PETROGRAPHIC REPORT

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Énergie et Ressources  
naturelles

Québec 

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490-B

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CABLE ADDRESS  
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NEW YORK

NEW YORK OFFICE  
15 PARK ROW  
NEW YORK CITY

New York, December 27, 1935.

*Copy*

Charles McCrea, K. C.,  
401 Royal Bank Building,  
Toronto, Canada.

My dear Charlie:

I enclose copy of my letter to Professor R. J. Colony,  
and copy of his petrographic report.

You will note on page 4 that the ore or sulphide minerals  
are closely associated with a definite family of silicates  
which appear to have influenced deposition.

When I examined the McIntyre Mine in 1922, my petrographic  
analysis revealed the fact that the gold values were associated  
with certain minerals, which assisted me greatly in forming an  
opinion as to the prospective possibilities of the property.  
It was largely due to my petrographic work that I recommended  
to Miller & Co. to underwrite 100,000 shares at \$15 per share.  
McIntyre had very little ore developed when I submitted my  
favorable report.

On page 5 of the petrographic report we note that it is  
Professor Colony's opinion that pyrite was the earliest of the  
ore minerals deposited followed by sphalerite (zinc) which in  
turn was followed by chalcopyrite, probably due to the mineral  
bearing solution becoming richer in copper contents.

The question which arose in my mind at the time was:- With  
greater depth or along the strike of ore deposition or parallel-  
ing the present development will an ore deposit be developed  
similar to the Noranda mine?

I visited the Noranda Mine in 1927, although I was quite  
familiar with their developments in 1924, when I corresponded  
with you regarding it.

The gold which first attracted attention was low grade. I  
went on this showing with Williams, who at that time was con-  
sidering it as a flux for the furnace. We all know what depth  
has proven.

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The copper deposits were then discovered and later diamond drilling revealed a zinc deposit. The relationship between the zinc and copper I do not know, but at that time they appeared to be quite distinct. As I remember the zinc deposit was in the northeast corner of the property and a pyrrhotite deposit north of the copper deposit.

The future development of Normetal will be of great interest to me.

Sincerely,

Louis D. Huntcon.

Best wishes for the New Year.