

41N13SW0500 41N13SW0018C1 MICHIPICOTEN ISLAND

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PROSPECTUS OF

PARR MINES LIMITED RESIDENT GEOLOGIST SAULT STE. MARIE

- 1. PARR MINES LIMTEL (hereinafter called "the Company") was incorporated under the laws of the Province of Ontario by letters patent dated the 30th day of September, 1955. The head office of the Company is located at Suite 305, 100 Adelaide Street West, Toronto 1, Ontario.
2. The names, occupations and addresses of the officers and directors and promoter of the Company are as follows:

(a) Officers and Directors:

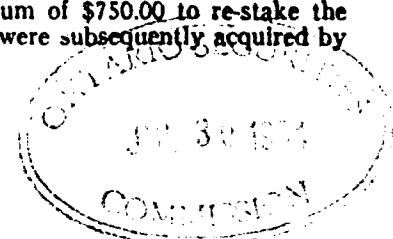
President and Director..... HAROLD D'ARCY BAKER, Mining Company Executive, 49 Glen Elm Avenue, Toronto, Ontario.
Vice-President and Director..... CRAWFORD MCARTHUR COOK, Building Superintendent, 309 Castlefield Avenue, Toronto, Ontario.
Secretary-Treasurer and Director..... JOHN THOMAS TOKARSKY, Accountant, 199 Goulding Avenue, Willowdale, Ontario.
Director..... PETER ELVIN PRICE, Store Accountant, 19 Coronado Court, Weston, Ontario.
Director..... BRUCE ALBERT BLACKBURN, Supervisor, 23 Latham Avenue, Scarborough, Ontario.

(b) Promoter:

Steve Ivanov, Apartment No. 215, 3744 St. Clair Avenue East, Scarborough, Ontario, might be considered as the present Promoter of the Company by reason of his beneficial ownership of the shares in the capital stock of the Company referred to in paragraph 7 hereof.

- 3. Fisher, Nisker & Company, Chartered Accountants, Room 715, 62 Richmond Street West, Toronto, Ontario, are the auditors of the Company.
4. Crown Trust Company, 302 Bay Street, Toronto, Ontario, is the stock registrar and transfer agent of the Company.
5. The authorized capital of the Company consists of 5,000,000 shares of the par value of \$1.00 each, all of one class, namely common, of which 900,005 shares, fully paid and non-assessable have been allotted and issued to date.
6. The Company has issued no bonds or debentures nor does it presently propose to issue any.
7. By Agreement dated the 22nd day of February, 1957, 900,000 shares in the capital stock of the Company were allotted and issued to Earl Arnold Glick, 360 Bay Street, Toronto, Ontario, in consideration of the purchase from him by the Company of 18 unpatented mining claims in the Township of Blondeau, District of Temiskaming, Province of Quebec, more particularly described as claim numbers S99377-S99394 inclusive. In November, 1957, the Company paid the sum of \$750.00 to re-stake the said claims which had been permitted to lapse. The said 900,000 shares were subsequently acquired by Macfie Explorations Limited, now United Macfie Mines Limited.

NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST. ONT. DEPT. OF MINES SAULT STE. MARIE, ONT.



In January, 1964, Steve Ivanov, Apartment 215, 3744 St. Clair Avenue East, Scarborough, Ontario, acquired from United Macfie Mines Limited the said 900,000 shares in the capital stock of the Company for a cash consideration.

Subject to the acceptance of this prospectus by the Ontario Securities Commission, Steve Ivanov has agreed to placing in escrow 810,000 of the 900,000 shares owned by him, with the stock registrar and transfer agent of the Company, subject to release only upon the written consent of the Board of Directors of the Company and the Ontario Securities Commission.

Further, subject to the acceptance of this prospectus Steve Ivanov has agreed to transfer to the Secretary of the Company in trust for the sole benefit of the Company treasury, 250,000 of the 810,000 escrowed shares owned by him.

The Company will transfer the said 250,000 shares to the Optionors as referred to in paragraph 11 (b) (iii) hereof if the Company determines to fully exercise the option granted to it as referred to in said paragraph 11 (b). If the Company determines not to fully exercise said option, the said 250,000 shares shall be used for such other purposes of the Company as its Board of Directors may determine.

After transferring back the 250,000 shares to the Secretary of the Company in trust for the sole benefit of the Company treasury as above mentioned, Steve Ivanov will be the owner of 90,000 free shares and 560,000 escrowed shares in the capital stock of the Company. All the said escrowed shares are subject to release among the persons entitled thereto pro rata upon the written consent of the Board of Directors of the Company and the Ontario Securities Commission. Any dealings within the escrow are also subject to the written consent of the Ontario Securities Commission.

8. As of the date of this prospectus, five shares of the Company (incorporators' shares) have been sold for \$1.00 each and no commissions were paid or are payable in connection with the sale of such shares.
9. No securities of the Company other than those above set out have been sold or issued as of the date of this prospectus.
10. No shares have been issued or are to be issued and no cash has been paid or is to be paid by the Company to any person or company for promotional services as such.
11. (a) With respect to the mining claims referred to in paragraph 7 hereof, a ground magnetic survey followed by an electromagnetic survey and some geological mapping were carried out during the year 1957 and the said 18 mining claims were subsequently permitted to lapse.

(b) By an Agreement dated the 29th day of April, 1964 made between Pauline Leary and Wilfred Lahay, both of Post Office Box 99, Minden, Ontario, as Optionors of the first part and the Company as Optionee of the second part, the Company acquired from the said Optionors the sole and exclusive option to purchase 12 unpatented mining claims on Michipicoten Island, Sault Ste. Marie Mining District, Ontario being claim numbers SSM42747-42755 inclusive and SSM43177-43179 inclusive, on the following terms:
 - (i) The sum of \$1,000.00 payable by the Company to the Optionors within 7 days after acceptance by the Ontario Securities Commission of a prospectus of the Company but in any event no later than the 31st day of August, 1964;
 - (ii) \$ 5,000.00 on or before the 1st day of December, 1964.
\$ 5,000.00 on or before the 1st day of December, 1965.
\$10,000.00 on or before the 1st day of December, 1966.
\$15,000.00 on or before the 1st day of December, 1967.
\$14,000.00 on or before the 1st day of December, 1968.
 - (iii) The Company shall issue to the Optionors on or before the 1st day of December, 1968, the 250,000 shares in its capital stock which will have been transferred by Steve Ivanov to the Secretary of the Company in trust for the sole benefit of the Company Treasury, as recited in paragraph 7 hereof. Of the 250,000 shares receivable by the Optionors, 10% shall be free shares and 90% shall be escrowed subject to release only upon the written consent of the Board of Directors of the Company and of the Ontario Securities Commission.
 - (iv) The Company agrees to carry out and register a patent survey of the said claims and to obtain leases from the Ontario Government of the said claims, on or before the 31st day of August, 1964.

The said Agreement provides that the Company shall incur no liability to the Optionors for its failure to make any of the payments of money or shares referred to above.

12. The mining claims referred to in paragraph 11 (b) hereof are located along the northwest shore at the west end of Michipicoten Island which lies 10 miles off shore in the northeast corner of Lake Superior. The Island is served by a regular steamer service to Quebec Harbour on the south side of the Island and from there the property may be reached by a bush road 7 miles long. Alternative service to the Island is by chartered boats from the mainland or by aircraft from bases at Sault Ste. Marie or Wawa to a point about three-quarter miles south of the north workings on the property. Underground and surface exploration and development work have been done and are set out in the report dated the 29th day of April, 1964, by G. L. Holbrooke, Consulting Geologist, which report accompanies and forms part of this prospectus. For further particulars of the location and accessibility of the claims, their history and the geology and ore occurrences in the area, reference is made to the said report.

No underground or surface plant and equipment have been installed. No work has been done or improvements made on the said claim by present management.

13. So far as the signatories hereto are aware, no shares or cash consideration have been issued or paid or are proposed to be issued or paid to any person or company other than the consideration paid as referred to in paragraph 7 hereof and the consideration payable to the Optionors referred to in paragraph 11 (b) hereof.

14. By Agreement dated the 26th day of May, 1964, made between the Company and E. H. Pooler & Co., Limited, 302 Bay Street, Toronto, Ontario (hereinafter referred to as "the Underwriter-Optionee"), the Underwriter-Optionee acting on behalf of its client hereinafter referred to, agreed to firmly purchase 100,000 fully paid and non-assessable shares of the Company at 10 cents per share, payable forthwith after the date of acceptance for filing of a prospectus of the Company by the Ontario Securities Commission (hereinafter referred to as "the effective date") and in consideration therefor, the Company granted to the Underwriter-Optionee, acting on behalf of its client hereinafter referred to, the exclusive right or option to purchase all or any part of an additional 900,000 shares in the capital stock of the Company at the following prices and in the following amounts and within the following times from the effective date:

All or any part of 100,000 shares @ 10¢ per share within 3 months.

All or any part of 200,000 shares @ 15¢ per share within 6 months.

All or any part of 200,000 shares @ 20¢ per share within 9 months.

All or any part of 200,000 shares @ 25¢ per share within 12 months.

All or any part of 200,000 shares @ 30¢ per share within 15 months.

The Agreement provides that if the Underwriter-Optionee fails to purchase any block of shares or part thereof within the respective times prescribed, the option to purchase said block of shares and remaining blocks of shares shall not be terminated unless and until the Company notifies the Underwriter-Optionee in writing and the Underwriter-Optionee may, within 15 days after the receipt of such notice, purchase the shares which it has failed to purchase. Otherwise, the said option, as to all blocks of shares not then purchased, shall automatically cease and determine at the expiration of the said 15 day period.

The parties to the said Agreement understand that in the event of a default on the part of the Underwriter-Optionee, after the said 15 day period or periods, an amendment to this prospectus must be filed with the Ontario Securities Commission within 20 days thereafter, if the shares of the Company are then in primary distribution.

The Underwriter-Optionee in entering into the said Agreement is acting on behalf of Trough Securities & Holdings Limited, Suite 305, 100 Adelaide Street West, Toronto, Ontario. The only person owning a greater than 5% interest in Trough Securities & Holdings Limited is Steve Ivanov, Apartment No. 215, 3744 St. Clair Avenue East, Scarborough, Ontario.

There are no sub-underwritings or sub-options outstanding or proposed to be made. In the event that if at any time a sub-underwriting or sub-option is given the parties hereto understand that an appropriate amendment to this prospectus must be filed by the Company within the required statutory period if the shares of the Company are in the course of primary distribution.

15. The Company intends to use any money which it receives from the sale of shares in its capital stock as mentioned in paragraph 14 above, to pay its present liabilities, to pay to the Optionors the sum of \$1,000.00 and to carry out the patent survey referred to in paragraph 11 above, to pay its ordinary

operating expenses and to carry out the recommendations of the Company's Geologist as set out in the report accompanying this prospectus.

16. The Company has been incorporated for more than one year.
17. No indebtedness is to be created or assumed by the Company save and except for legal fees for the filing of this prospectus, printing costs of the prospectus, ordinary operating expenses of the Company and the sum of \$1,000.00 which the Company intends to pay to the Optionors of the mining claims referred to in paragraph 11, which are not shown in the balance sheet of the Company reported upon by Fisher, Nisker & Company, Chartered Accountants, 62 Richmond Street West, Toronto, as at the 31st day of May, 1964, which accompanies and forms part of this prospectus.

18. The particulars as regards the business in which each director and officer has been engaged during the past three years are as follows:

HAROLD D'ARCY BAKER..... He is a mining company executive and until recently was a Chartered Life Underwriter and was so engaged for more than the past 20 years. He is also a director and/or officer of several corporations including Norgold Mines Limited, Proteus Minerals Limited and Janlee Explorations Limited.

CRAWFORD McARTHUR COOK..... He has pursued his vocation as a Building Superintendent for more than the past three years. He is also a director and/or officer of several corporations including Consolidated Canorama Explorations Limited, Black Bay Uranium Limited and Norgold Mines Limited.

JOHN THOMAS TOKARSKY..... He has pursued his vocation as an Accountant in the employ of Robert Brown Corporate Services Limited for more than the past three years. He is also a director and/or officer of several corporations including Accra Explorations Limited, Maybrun Mines Limited and Jodee Explorations Limited.

PETER ELVIN PRICE..... He has been engaged as a Store Accountant for more than the past three years. He is also a director and/or officer of Gomar Mines Limited, Hardiman Bay Mines Limited and Utopia Gold Mines Limited.

BRUCE ALBERT BLACKBURN..... He has been engaged as an insurance executive in Toronto for more than the past three years and is also a director of Maybrun Mines Limited, Jamaica International Explorations Limited, Raymore Developments Limited.

19. No director of the Company now has or ever had any interest directly or indirectly in the property acquired by the Company.
20. No director or officer has been paid or is proposed to be paid a salary as such. Each director will receive a fee of \$25.00 for each meeting of the Board of Directors he attends. The Company has agreed to pay a fee of \$150.00 per month for routine secretarial, administrative and head office expenses to Robert Brown Corporate Services Limited, 100 Adelaide Street West, Toronto, Ontario, of which John Thomas Tokarsky is an employee.
21. No dividends have been paid to date.
22. Steve Ivanov, by reason of his beneficial ownership of shares of the Company is in a position to elect or cause to be elected a majority of directors of the Company.
23. There are no arrangements for the sale of Vendor's shares; however, existing free shares in the capital stock of the Company and shares which may be released from escrow may be sold by their owners and the proceeds thereof will not accrue to the Treasury of the Company. There are no other material

facts in relation to the securities of the Company which require disclosure other than those above set forth.

DATED the 23rd day of July, 1964.

WE, the undersigned directors and promoter hereby certify that the foregoing constitutes full, true and plain disclosure of all material facts in respect of the offering of securities referred to above as required under Section 38 of The Securities Act (Ontario) and there is no further material information applicable other than under the financial statements or reports where required.

DIRECTORS:

HAROLD D'ARCY BAKER
CRAWFORD McARTHUR COOK
BRUCE ALBERT BLACKBURN
JOHN THOMAS TOKARSKY
PETER ELVIN PRICE

PROMOTER:

STEVE IVANOV

AND WE, the undersigned Underwriter-Optionee, hereby certify that to the best of our knowledge, information and belief, the foregoing constitutes full, true and plain disclosure of all material facts in respect of the offering of securities referred to above as required under Section 38 of The Securities Act (Ontario), and there is no further material information applicable other than under the Financial Statement or Reports where required. In respect of matters which are not within our knowledge, we have relied upon the accuracy and adequacy of the foregoing.

UNDERWRITER-OPTIONEE:

E. H. POOLER & CO. LIMITED

Per: E. R. POOLER

J. C. EVANS

PARR MINES LIMITED

(Incorporated under the laws of the Province of Ontario)

BALANCE SHEET AS AT MAY 31, 1964

ASSETS

Cash		\$ 10.00
Option to purchase mining claims (Note 1)		—
Deferred administrative expenditures:		
Legal and audit fees	\$ 1,200.00	
Government fees	100.00	
Directors' fees	225.00	1,525.00
Organization expense		2,005.00
		<u>\$3,540.00</u>

LIABILITIES

Accounts payable		\$1,525.00
Capital and deficit:		
CAPITAL STOCK (Notes 2 and 3)		
Authorized:		
5,000,000 shares, par value \$1.00 each		
Issued and fully paid:		
5 shares for cash	\$ 5.00	
900,000 shares for mining claims, since abandoned	\$900,000.00	
Less — discount	810,000.00	90,000.00
<u>900,005 shares</u>	<u>\$90,005.00</u>	
DEFICIT, per statement	87,990.00	2,015.00
		<u>\$3,540.00</u>

Approved on behalf of the Board of Directors:

"H. D. BAKER", Director.

"JOHN T. TOKARSKY", Director.

AUDITORS' REPORT

To the Directors of
PARR MINES LIMITED.

We have examined the balance sheet of Parr Mines Limited as at May 31, 1964 and the statement of deficit for the period from inception (September 13, 1955) to May 31, 1964. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying balance sheet and statement of deficit present fairly the financial position of the company as at May 31, 1964 and its activities for the period from inception (September 13, 1955) to May 31, 1964, in accordance with generally accepted accounting principles.

Toronto, Ontario,
June 23, 1964.

FISHER, NISKER & COMPANY,
Chartered Accountants.

PARR MINES LIMITED

STATEMENT OF DEFICIT

From Inception (September 13, 1935) to May 31, 1964

Cost of mining claims abandoned — acquired for 900,000 shares of the company's capital stock and \$750.00 paid in cash		\$90,750.00
Exploration expenditures incurred thereon:		
Geophysical surveys	\$7,000.00	
Miner's license	200.00	7,200.00
Administrative expenditures incurred during the tenure of the claims abandoned:		
Legal and audit fees	\$ 365.00	
Government fees and taxes	463.30	828.30
		\$98,778.30
Advances from Macfie Mines Limited, the then parent company — repayment waived		10,788.30
		\$87,990.00

NOTES TO FINANCIAL STATEMENTS — MAY 31, 1964

NOTE 1 — By an agreement dated April 29, 1964, the company acquired an option to purchase twelve unpatented mining claims in Michipicoten Island, Sault Ste. Marie Mining Division, Ontario.
To acquire the mining claims, the company must pay the optionors \$50,000.00 as follows:
\$ 1,000.00 within 7 days after acceptance by the Ontario Securities Commission of a prospectus of the company, but in any event no later than August 31, 1964.

5,000.00 on or before the 1st day of December 1964.
5,000.00 on or before the 1st day of December 1965.
10,000.00 on or before the 1st day of December 1966.
15,000.00 on or before the 1st day of December 1967.
14,000.00 on or before the 1st day of December 1968.

\$50,000.00

To fully exercise the option, in addition to the above cash payments, the company agrees to cause to be transferred to the optionors on or before December 1, 1968, 250,000 shares of Parr Mines Limited of which 90% will be in escrow.

The company has agreed to carry out and register at its own expense a patent survey of the said claims and obtain leases from the Ontario Government on or before August 31, 1964.

NOTE 2 — By an agreement dated May 26, 1964, an underwriter has agreed to purchase 100,000 shares of the company's capital stock at 10¢ per share payable on the date of acceptance of a prospectus of the company by the Ontario Securities Commission ("effective date").

In consideration of the firm purchase, the company granted the underwriter an option to purchase all or any part of an additional 900,000 shares, as follows:

100,000 shares at 10¢ per share exercisable on or before the expiry of 3 months from the "effective date".
200,000 shares at 15¢ per share exercisable on or before the expiry of 6 months from the "effective date".
200,000 shares at 20¢ per share exercisable on or before the expiry of 9 months from the "effective date".
200,000 shares at 25¢ per share exercisable on or before the expiry of 12 months from the "effective date".
200,000 shares at 30¢ per share exercisable on or before the expiry of 15 months from the "effective date".

NOTE 3 — A shareholder has agreed, subject to a prospectus of the company being accepted for filing on or before August 31, 1964, to transfer, out of his holdings, 250,000 shares of the company's capital stock to the Secretary of the company, to be held in trust for the benefit of the company.

PARR MINES LIMITED

REPORT ON MICHIPICOTEN ISLAND PROPERTY SAULT STE. MARIE MINING DIVISION

CONCLUSIONS

The property is located along the northwest shore at the west end of Michipicoten Island some 95 miles northeast of the famous copper deposits on the Kewanawan Peninsula of northern Michigan.

Old work before 1900, consisting of surface trenching, prospecting, and limited shallow underground development from five shafts, has indicated a 2,000-foot wide belt of copper mineralization trending northeast for well over two miles across the property and beyond. The old underground work has indicated lengths of several hundred feet within the belt at the north end of the property running 2.5% copper across widths of from 3 to 6 feet and in one section a mile to the southwest running 4 to 5% copper across 6 and 8 feet. Native silver is also reported.

The geology and mineralization on the property are remarkably similar to those of the Michigan copper deposits. This together with the indicated presence of the 2,000-foot wide belt of mineralization crossing the full length of the property point to important possibilities on the ground. No geophysical surveys or diamond drilling have ever been done in the area and with the possibilities in the mineralized belt essentially unexplored further development is definitely warranted.

RECOMMENDATIONS

It is recommended that the first step in the exploration of the property be an induced polarization survey of the mineralized belt lying between the large diabase sill and the north shore of the island. This belt has a width of about 2,000 feet and a length across the property of 8,300 feet. The survey should be run from picket lines bearing N55°W and crossing the belt at 200-foot intervals. This will require 17.5 line-miles of survey and is estimated to cost \$4,500.

Any promising anomalies shown by the geophysical will then have to be tested by diamond drilling and in addition some closely spaced drilling should be done near the southwest shaft. It is impossible to estimate the amount of such drilling at this time but an allowance of \$25,000 should be made for 5,000 feet.

LOCATION, ACCESS, FACILITIES

The property is located in the Sault Ste. Marie Mining Division of Ontario along the north shore of Michipicoten Island near its western end. It consists of 12 contiguous, unpatented, mining claims covering approximately 500 acres and recorded as follows:

SSM-42747 to 42755 inclusive
SSM-43177 to 43179 inclusive

Michipicoten Island is a large island some 17 miles long by 6 miles wide lying 10 miles off shore in the northeast corner of Lake Superior. The island is served by a regular steamer service to Quebec Harbour on the south side of the island and from here the property may be reached by a 7 mile long, badly overgrown, old waggon road. It may also be reached directly by chartered small boats from Michipicoten Harbour on the mainland but there is no anchorage on the north shore of the island and landing is difficult except in calm weather. Alternative access is by aircraft from bases at Sault Ste. Marie or Wawa to Landing Lake about $\frac{3}{4}$ mile south of the north workings on the property.

The property is well wooded with hardwoods and conifers suitable for both fuel and mine timbers. Ample water is available from Lake Superior, Landing Lake, or a small pond on the southern part of the property. There is no hydro-electric power on the island and no camp accommodation on the claims.

HISTORY AND DEVELOPMENT

As a result of the copper developments on the Kewanawan Peninsula on the south side of Lake Superior the area was prospected at an early date. Native copper with some silver was found on Michipicoten

Island in the mid 1800's and by 1863 some 400 tons of ore had been mined from surface pits and shallow underground workings. Considerable prospecting was done and some limited shallow underground exploration completed but there is no record of any production.

The property was originally owned by the Quebec Land and Mining Company and about 1892 passed to the Lake Superior Copper Company. It was eventually acquired by A. C. Burrage of Boston. The main shaft was dewatered and the old showings examined by O'Brien Gold Mines Limited in 1938 but nothing further was done and the property eventually reverted to the Crown for non-payment of taxes. It was later re-staked and acquired by the present company.

The principal development was from 1892 to 1895 and most of the workings are found on claim SSM-42747 which forms the north part of the property. Here near the centre of the claim the Main Shaft was sunk vertically for 183 feet and the first level established at this horizon. The shaft was then continued for 230 feet as a 52° incline down the dip of the mineralization and two more levels were established at vertical depths of 249 and 323 feet. Approximately 400 feet of drifting and crosscutting were completed on each of the three levels.

The Bonner Shaft lies 850 feet northeast of the Main Shaft and is reported to be 400 feet deep with 600 feet of drifting and crosscutting. The Batters Shaft, 400 feet west of the Main Shaft, is 200 feet deep while the Office Shaft, 100 feet southwest of the Main Shaft, is 70 feet deep.

A fifth shaft, known as the Conglomerate Shaft is located some 5,800 feet southwest of the Main Shaft just west of a small pond in the north-central part of claim SSM-43177. This is reported to be 65 feet deep. One diamond drill hole is reported from the bottom of this shaft but aside from this no drilling has been done.

GEOLOGY

The geology of Michipicoten Island is remarkably similar to that of the "copper country" of the Keewauwan Peninsula of Michigan which has had a continuous production for over 100 years. The island is underlain by part of a thick series of late pre-Cambrian basalts with considerable thicknesses of interflow conglomerate and sandstone. The basalts consist of dark greenish massive flows alternating with reddish, coarsely amygdaloidal flows. The conglomerates are lenticular bodies up to 40 feet wide and 2,000 feet long.

The flows and sediments trend N35° to 40°E across most of the property gradually swinging to S60°W in the southwestern section. The dips vary from 40° to 60° east and as they are considerably steeper than those across the south part of the island they indicate the axis of a gentle anticlinal structure as trending northeast under the lake a short distance northwest of the property. There is little evidence of shearing, fracturing or faulting.

The bedded rocks on and near the property have been invaded by several small bodies of a dark, fine-grained intrusive, probably diabase. A 1,200 to 2,000-foot wide sill of similar rock strikes N32°E with 30° to 60° east dips across the eastern edge of the property and continues across the area for at least three miles. The diabase is the only intrusive rock in the area and is probably the source of the copper-silver mineralization.

ECONOMIC GEOLOGY

In the workings on the north part of the property native copper is found filling amygdules in some of the basalt flows and as disseminated grains and small masses in sandstones and conglomerates. Chalcocite is also found in small grains in the latter and occasionally native silver accompanies the copper. While the flows and sediments are continuous the copper mineralization in this area apparently tends to be erratic with the richer sections occurring as small patches running up to 15% copper separated by considerable stretches of low grade. Old reports indicate 300 feet of length in the Main Shaft workings as running 2½% copper across 3 to 4 feet but such reports are unconfirmed. Similar mineralization is reported from the Bonner and Batters Shafts.

What is probably the most important copper occurrence is in the area of the Conglomerate Shaft on claim SSM-43117 a mile southwest of the Main Shaft. Here a large lenticular bed of conglomerate over 20 feet wide can be traced along its strike for some 2,000 feet. It is reported to be more or less mineralized by native copper for this entire width and length and in the old shaft workings to carry at least one section 6 to 8 feet wide running from 4 to 5% copper. Masses of copper weighing 40 to 50 pounds were recovered from these workings.

NOT TO BE REMOVED FROM
THE OFFICE OF THE RESIDENT
GEOLOGIST, ONT. DEPT. OF MINES
SAULT STE. MARIE, ONT.

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In addition to the old underground workings copper mineralization of varying intensity was found at many other localities across the property and for 1½ miles to the northeast. All of the occurrences indicate a belt of copper mineralization some 2,000 feet wide trending northeast along the northwest side of the large diabase sill for well over 2 miles. Very limited old work indicates that some parts at least of the belt contain ore grade material and suggests important unexplored possibilities in the belt. The mineralization is remarkably similar to the large copper deposits of northern Michigan and when it is considered that no geophysical work or diamond drilling has ever been done it is obvious that the preliminary exploration of the property is an intriguing venture.

G. L. HOLBROOKE.

April 29th, 1964.

CERTIFICATE

I, G. L. Holbrooke of 160 Bay Street, in the City of Toronto, in the Province of Ontario, do hereby certify as follows:

1. That I am a consulting geologist and a member of the Association of Professional Engineers of Ontario.
2. That I am a graduate of McGill University with degrees of B.Sc. and M.Sc. in 1927 and 1928 and have been practising my profession continuously since graduation.
3. That the accompanying report is based on published maps and reports of the Ontario Department of Mines, on geologic plans of the property made by O'Brien Gold Mines Limited in 1938, and on a personal examination of the property in 1947.
4. That I have no direct or indirect interest whatsoever in the property or securities of the company, nor do I expect to receive any such interest.

G. L. HOLBROOKE,
Consulting Geologist.

Dated this 29th day of April, 1964.

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THE OFFICE OF THE RESIDENT
GEOLOGIST, ONT. DEPT. OF MINES
SAULT STE. MARIE, ONT.