

*P. E. G. Blair*

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ONTARIO SECURITIES  
COMMISSION  
SEP 4 1963

RESIDENT GEOLOGIST  
SAULT STE. MARIE

AMENDMENT NO. 4 TO THE PROSPECTUS OF

# JORSCO EXPLORATIONS LIMITED



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The Prospectus of JORSCO EXPLORATIONS LIMITED dated November 26th, 1962, is hereby amended as follows:

1. Items 6 and 9 are amended to reflect the issue of a further 156,270 shares of the capital stock of the Company as fully paid and non-assessable, being 50,000 shares firm at 15¢ per share, and 106,270 shares under option at 15¢ per share, making a total of 3,003,455 shares issued, outstanding and fully paid.

2. The following is added to 12. (i):

The Company is the holder of nine (9) unpatented Mining Claims, being S.S.M. 66133 to S.S.M. 66135 inclusive, S.S.M. 66141, S.S.M. 66412 to S.S.M. 66415 inclusive and S.S.M. 66740, on the boundary of Township 28, Range 13 and Palmer Township, Province of Ontario.

*Note: SSM 66133-35  
cancelled before  
Oct. 21/63.  
Restaked as  
SSM 67232-34  
respectively.  
P.E.G.*

3. The following paragraphs are added to 12. (ii):

By Agreement dated July 5th, 1963, the Company acquired the Mining Claims referred to in 12. (i) hereof from Geo-Technical Development Co. Ltd., 24 Wellington Street West, Toronto, Ontario, for the total consideration of \$1,800.00, which amount has been paid.

On the advice of the Company's Engineer, the Company proposes to abandon its twenty (20) unpatented mining claims in Gand Township, Province of Quebec, on their respective expiry dates in August 1963. These claims were purchased October 27th, 1959, for the consideration of 900,000 shares of the capital stock of the Company as then constituted, 10% of which were issued as free shares, and the balance placed in escrow in accordance with the terms set out in Item 8. of the Prospectus. The Company has spent a total of \$10,531.15 in exploration and development.

4. The following paragraphs are added to 12. (iii):

The only person having a greater than 5% interest in Geo-Technical Development Co. Ltd., is August G. Schlitt, 169 Grenview Blvd., Toronto, Ontario.

The only person who received or is to receive a greater than 5% interest in the consideration received by Geo-Technical Development Co. Ltd., is Dr. Sui S. Szetu, 36 Whittaker Crescent, Willowdale, Ontario.

5. The following is added to Item 13:

For particulars as to the property of the Company described in this Amendment including history, means of access thereto, character, extent and condition of surface and underground exploration and development, reference is made to the Report of S. V. Burr, Consulting Geologist, dated the 19th day of July, 1963, accompanying and forming part of this Amendment. No work has been done on this property by the present management. There is no surface or underground plant and equipment.

6. The following is added to Item 15:

The Company intends to expend part of the proceeds received from the sale of its shares in development and exploration of the Company's properties described in this Amendment in accordance with the recommendations contained in the engineer's report referred to in Item 13. hereof.

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

22. The foregoing, together with the Prospectus of the Company dated November 26th, 1962, and Amendments Nos. 1, 2 and 3 dated December 13th, 1962, January 4th, 1963, and January 16th, 1963, 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 in the financial statement or reports where required.

DIRECTORS

W. A. BISHOP

S. TAYLOR

L. ALLEN

B. TUGG

D. H. MARTIN

PROMOTER

GOLDMACK SECURITIES CORPORATION LIMITED

Per: A. GOLDMAN

23. To the best of our knowledge, information and belief, the foregoing, together with the Prospectus of the Company dated November 26th, 1962, and Amendments Nos. 1, 2 and 3 dated December 13th, 1962, January 4th, 1963, and January 16th, 1963, 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 in 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

GOLDMACK SECURITIES CORPORATION LIMITED

Per: A. GOLDMAN

DATED this 22nd day of July, 1963.

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

T. 28, R. 13  
Palmer

## JORSCO EXPLORATIONS LIMITED

The President & Directors,  
JORSCO EXPLORATIONS LIMITED,  
Suite 1024,  
85 Richmond Street West,  
Toronto, Ontario.



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### REPORT ON BATCHAWANA PROPERTY

The Company has acquired nine (9) claims near those of Tribag Mining Co. and adjoining the property of New Senator Rouyn. The claims are well located geologically and exploration is warranted.

The following is a resume of the available information on these claims, which are numbered:-

S.S.M. 66133 - 66135 inclusive  
S.S.M. 66141  
S.S.M. 66412 - 66415 inclusive  
S.S.M. 66740

### LOCATION AND ACCESS

The claim group straddles the boundary of Township 28, Range 13 and Palmer Township, with three claims; S.S.M. 66141, 66415, and 66740 being in the latter, south, township. The group comprises approximately 360 acres.

The claims lie about twelve miles north-east of Batchawana Bay which is forty miles north of Sault Ste. Marie on Trans-Canada Highway #17.

Access is obtained by means of a gravel motor road from Highway #17 to Pancake Lake which then turns east near the south boundary of Township 28, Range 13 to a small lake about one mile from the claim group.

### REGIONAL GEOLOGY

The one published geological map of the area (Map 35b, accompanying the Ontario Department of Mines Report, Vol. 35, pt. 2, 1926) indicates that the claim group is underlain by a basic intrusive complex of gabbro, diorite and diabase. Adjoining to the north, and on the west, are two east-north-east striking iron formations which are presently held under patent.

From the writer's observations on the Tribag property, the rock, mapped as basic complex are made up of approximately 50% volcanics, principally andesites and basalts with lesser dacites, rhyolites, and tuffs of intermediate composition and 50% gabbro diabase. The volcanics have a general east trend and southerly dip. The diabase and gabbro dykes cut both the granite and volcanics. There is one predominant strike of these basic intrusives in a northwest direction, and many irregular bodies.

On the Tribag property there are two prominent directions of faulting N 10° E and N 45° W - with up to several hundred feet of lateral displacement. The N 45° W faulting is the youngest.

### ECONOMIC GEOLOGY

Although the district was explored for iron in the latter part of the nineteenth century, and copper occurrences have been known for many years, the area is of interest principally because of the recent disclosure of large tonnage possibilities of good grade copper on the Tribag property.

There are three known types of copper mineralization on the Tribag ground:-

- (a) Chalcopyrite disseminations in the gabbro dykes.
- (b) Breccia zones in volcanics, gabbro and granite, cemented by quartz, calcite and iron carbonates and carrying disseminations, veins and pods of chalcopyrite with lesser chalcocite and bornite, and varying amounts of molybdenite and scheelite.
- (c) Chalcopyrite replacement bodies in the volcanics notably in tuffs, and apparently related to faulting.

Copper mineralization has been found along a length of over two miles within the granite and within the volcanic-gabbro complex up to 1/4 mile south of the granite. Several electrical conductors even farther from the granite, remain to be tested.

Other, older copper occurrences are known within the volcanic-gabbro complex east of Pancake Lake, west of the Jorsco claims, so that the group is in a very favourable location.

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**THE JORSKO CLAIMS**

Little is known as yet, about the Jorsko group although the writer was on, or close to the ground in July and August of 1982 while carrying out reconnaissance work in conjunction with detailed mapping on the Tribag property.

Undoubtedly, the main granite contact lies to the north of the property probably at a distance of  $\frac{1}{2}$  mile, since the old Mammoth Iron location with a banded iron-silica formation adjoins the claims on the north.

The topographic features studied from air photographs by the writer indicate that the claim group is in rugged country so that overburden is relatively shallow and detailed geologizing should discover considerable rock exposures, similar to the experience on the Tribag property. Exploration, therefore should not be difficult, or expensive.

One interesting possibility lies in the possible western extension of a strong east-west break found in air photographs, and mapped to some extent by the writer for Tribag Mining. This break cuts off all strong topographical features associated with known NE and NW faulting on the Tribag property. Further study of air photographs is warranted to see whether this break extends into the Jorsko ground.

**SUMMARY AND CONCLUSIONS**

The Jorsko claims are favourably situated with regard to the granite-volcanic contact along which Tribag has been locating copper values of economic importance, and the claims lie within  $1\frac{1}{2}$  miles of the most westerly known copper-bearing breccia zone on the Tribag property. Other copper occurrences, which will, or are, receiving close inspection, lie to the west of the Jorsko group.

There is little doubt that the Jorsko group is favourably located, along a very promising belt of copper-bearing rocks.

**RECOMMENDATIONS**

Geological mapping, magnetometer and self potential surveying, plus prospecting were methods used very successfully by Tribag Mining, to locate areas for trenching and diamond drilling.

I fully recommend such a program for the Jorsko property.

Line mapping at 400 foot intervals in a north-south direction would be necessary for the program.

**ESTIMATED COSTS**

Line-cutting - approx. 11 miles @ \$60.00	\$ 660.00
Magnetometer Survey 9 miles @ \$75.00	675.00
E/M & S.P. check surveys 5 miles @ \$75.00	375.00
Geological Mapping Allowance	500.00
	<u>TOTAL \$2,210.00</u>

Additional work would depend on the results.

Respectfully submitted,  
S. V. BURR

**CERTIFICATE**

I, Stanley Vernon Burr, of the City of London, in the Province of Ontario, hereby certify as follows:-

1. That I am a Consulting Geologist and that I reside in London.
2. That I am a graduate in Geology of Queen's University, holding the degree of Master of Arts, a Fellow of the Geological Association of Canada, a member of the Society of Economic Geologists, the Canadian Institute of Mining and Metallurgy, the Mineralogical Association of Canada, and I have been practising my profession for over twenty years.
3. That I have no interest, either directly or indirectly, in the property covered by this report, nor in Jorsko Explorations Limited, no do I expect to receive such interest.
4. This report is based on some reconnaissance in the general area of the property, and considerable knowledge of the adjoining properties of Tribag Mining Co. Ltd., and New Senator Rouyn.

Dated at London, Ontario,  
this 19th day of July, 1983

S. V. BURR, M.A.