



411095W9601 CRERAR 15 CRERAR

Crerar T.P.

010

Report on the

TOMLINSON PROPERTY,
River Valley, District of Sudbury.

by

K. D. Card

Sudbury, Ontario.

September, 1963.

Location and Access:

South showings - Lot 7, Con.1V, Crerar Tp.

North showings - Lots 6 and 7, Con.V, Crerar Tp.

(See prospectus for claim number and location).

The south showings can be reached from River Valley by driving 4 miles west on the south pulp road and then 2 miles north on Tomlinson's road.

The north showings can be reached by driving 3 miles north of River Valley on Hwy. 805 and then through the ^{GIRoux} ~~Gereu~~ farm.

Work Done: About 370 feet of diamond drilling and 15 test pits comprise the work done on the north showings.

Work on the south zone consists of about 10 test pits and 1200 feet of diamond drilling.

General Geology; The property is located near the "Grenville front" on the contact between the River Valley anorthosite-gabbro body and Grenville-type gneisses.

There are many minor ^{Shear} ~~shear~~ zones, some of which cut the mafic body. Drag-folds are abundant in the country rock.

Mineralization occurs in both the gabbroic rocks and in the gneisses. The sulphides noted include pyrrhotite and chalcopyrite. Chalcocite is also reported by the property owner.

Mineralization ⁱⁿ ~~is~~ the south zone consists of blebs of pyrrhotite and chalcopyrite in a gabbroic rock which is megas-

copically similar to the quartz diorite of the Sudbury Nickel
Irruptive. Mineralization and this rock type occur near the
outer contact of the mafic body over a length of a least 1000
feet.

Personal Assessment of Property:

No mineralization of any consequence has yet been found on
the property. There are, however, minor amounts of Cu - Ni sul-
phides and the geological situation is quite interesting.

The property deserves more work. The owner (Tomlinson) is
presently drilling ^{shear} ~~clear~~ zones which cross the contact. He is
also considering trying to option the property to a larger com-
pany. (See file No.).

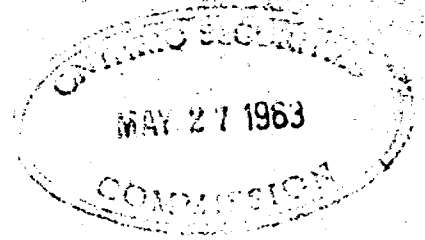
Note - Received call from W. Thompson,
Keneco Explorations Ltd. about this
prop. in Oct., 1963.

K.D.C.



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* P R O S P E C T U S *

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TOMROSE MINES LIMITED

May 7th, 1963.

PROSPECTUS

Toronto
929-2274
ask for
H.D. Tomlinson

TOMROSE MINES LIMITED

STATUTORY INFORMATION

1. Tomrose Mines Limited, hereinafter referred to as the "Company" has its head office at Suite 1A, Fourth Floor, 392 Bay Street, Toronto 1, Ontario.
2. The Company was incorporated by Letters Patent under the authority of The Ontario Corporations Act and dated the 19th day of February, 1963, no Supplementary Letters Patent have been issued to the Company.
3. The Officers and Directors of the Company and their respective home addresses and occupations are as follows:

DIRECTORS :

<u>NAME</u>	<u>OCCUPATION</u>	<u>ADDRESS</u>
Hector Durwood Tomlinson	Sales Manager	60 Paperbirch Drive, Don Mills, Ontario
Rosetta May Tomlinson	Housewife	60 Paperbirch Drive, Don Mills, Ontario
George Cambell	Chemical Engineer	18 Paperbirch Drive, Don Mills, Ontario
Donald Clifford Pace	Executive	21 Paperbirch Drive, Don Mills, Ontario
Ellison George Baker	Sales Manager	99 Munro Blvd., Willowdale, Ontario

OFFICERS

<u>NAME</u>	<u>OFFICE HELD</u>	<u>ADDRESS</u>
Hector Durwood Tomlinson	President	60 Paperbirch Drive, Don Mills, Ontario
Rosetta May Tomlinson	Vice-President	60 Paperbirch Drive, Don Mills, Ontario
Louis Valentine Barbisan	Secretary-Treasurer	2444 Camilla Road, Cooksville, Ontario

The Company was incorporated at the instance of Tomrose Prospecting Syndicate whose address is Suite 1A, Fourth Floor, 392 Bay Street, Toronto 1, Ontario, and it is therefore considered the Promoter of the Company.

4. The auditors of the Company are McDonald, Nicholson & Company, Chartered Accountants, 55 York Street, Toronto 1, Ontario.
5. The Sterling Trust Corporation, 372 Bay Street, Toronto, Ontario, is the Registrar and Transfer Agent of the Company.
6. The authorized share capital of the Company is FIVE MILLION SHARES with a par value of One Dollar (\$1.00) each of which, at the date hereof, Nine Hundred Thousand and Five (900,005) have been issued and are fully paid up and non-assessable.
7. There are no bonds or debentures issued or outstanding nor does the Company propose to issue any.
8. There are Eight Hundred and Ten Thousand (810,000) shares held in escrow by The Sterling Trust Corporation, Toronto, subject to release, pro rata, with the consent of the Directors of the Company evidenced by a Resolution and of the Ontario Securities Commission and further subject to alienation, hypothecation and/or transfer within escrow only with written consent of the Ontario Securities Commission.
9. No shares or other securities have been sold for cash to date, except Five (5) directors' qualifying shares at \$1.00 each. The total cash received by the Company for such shares was Five Dollars (\$5.00).
10. No shares have been or are to be issued and no cash has been or is to be paid to any promoter for promotional services.
11. (a) By Agreement dated March 15th, 1963, with Tomrose Prospecting Syndicate, 392 Bay Street, Toronto, Hector Durwood Tomlinson, 60 Paperbirch Drive, Don Mills, Ontario and Ellison George Baker, 99 Munro Blvd., Willowdale, Ontario, the Company purchased 27 unpatented mining claims situate in the Township of Crerar in the District of Nipissing, Timiskaming Mining Division. Mining Claims Numbered 49691, 2 and 3, 49698 and 9, 49700, 50529, 30, 31 and 32, 51681, 2, 3, 4, 5, 6, 7, 8 and 9, being 19 in all were purchased from Tomrose Prospecting Syndicate, Mining Claims Numbered 50524, 5, 6, 7 and 8, being 5 in all were purchased from Mr. Tomlinson, and Mining Claims Numbered 52408, 9 and 10, being 3 in all were purchased from Mr. Baker. Further pursuant to such Agreement the Company acquired from Tomrose Prospecting Syndicate all of its assets which consisted of the above noted unpatented mining claims together with development expenditures of \$4,885.59, cash in the amount of \$3,296.64, equipment and tools valued at \$956.25 and office equipment valued at \$333.50.

- (b) The consideration paid under such Agreement was the issuance of 770,000 fully paid shares of the Company to the unit holders of Tomrose Prospecting Syndicate, 65,000 fully paid shares of the Company to Mr. Tomlinson and 65,000 fully paid shares of the Company to Mr. Baker for a total of 900,000 shares valued by the Directors of the Company at ten cents (10¢) per share. Ninety percent (90%) of all these shares, being 693,000 of those shares issued to the unit holders of Tomrose Prospecting Syndicate, 58,500 of those shares issued to Mr. Tomlinson and 58,500 of those shares issued to Mr. Baker, have been placed in escrow subject to release upon approval by a Resolution of the Board of Directors of the Company and the written consent of the Ontario Securities Commission.
- (c) The only person who holds greater than a five percent (5%) interest in Tomrose Prospecting Syndicate is the said Hector Durwood Tomlinson.
- (d) No other person or Company to the knowledge of the signatories hereto is to receive a greater than five percent (5%) interest in the consideration paid by the Company for the purchase of the said Mining Claims.
12. The means of access to the mining claims purchased by the Company and referred to in Paragraph Number 11 herein, the extent of the surface exploration and development thereof, and the known history of the property are fully set forth in the report of H. Grant Harper, dated the 3rd day of April, 1963, accompanying and forming part of this Prospectus. There is no underground development to date and no underground or surface plant and equipment upon the property other than a pack sack diamond drill, a gasoline rock drill and miscellaneous smaller tools and camping equipment acquired from the Syndicate for \$956.25 and no work has been done or improvement made to the property by the present management.
13. There are no option agreements or underwriting agreement of any kind outstanding or proposed to be given by the Company. The Company as a security issuer will offer its shares to the public through its selling officers at the prevailing market existing for such shares at the time of offering them for sale with a minimum return to the treasury of seventy-five percent (75%) of the selling price per share (being not less than ten cents (10¢) per share to the treasury).
14. The funds to be supplied from the shares to be offered for sale will be devoted to the future exploration and development plans of the management in accordance with the recommendations contained in the report of H. Grant Harper, dated the 3rd day of April, 1963 accompanying and forming part of this Prospectus and in the further exploration of the property owned by the Company and in satisfying operating expenses of the Company. Future development and exploration plans of the management shall be in accordance with the funds available.
15. The estimated amount of preliminary expenses including its incorporation and organization are not expected to exceed Four Thousand Dollars (\$4,000.00).

16. There is no indebtedness to be created or assumed which is not shown in the balance sheet as at March 15th, 1963 attached hereto and filed with the Ontario Securities Commission except indebtedness to be created in the ordinary course of business.
17. The business in which each Director and Officer of the Company has been engaged during the past three (3) years is as follows:

GEORGE CAMELL,	Chief Chemist with Lincoln Electric Company of Canada Limited
DONALD CLIFFORD PACE,	Secretary-Treasurer with Amalgamated Electric Corporation Limited
ELLISON GEORGE BAKER,	Sales Manager with The Bell Telephone Company of Canada Limited
LOUIS VALENTINE BARBISAN,	Chartered Accountant with Mid-North Engineering Services Limited
HECTOR DURWOOD TOMLINSON,	Sales Manager with The Bell Telephone Company of Canada Limited and Manager of Tomrose Prospecting Syndicate
ROSETTA MAY TOMLINSON,	Housewife, wife of Hector Durwood Tomlinson.

18. None of the Directors of the Company, other than Ellison George Baker, and none of the Officers of the Company, other than Hector Durwood Tomlinson, either directly or indirectly, have ever had any interest in any property owned by the Company, except as members of Tomrose Prospecting Syndicate. The interest of each in the Syndicate is as follows:

GEORGE CAMELL	26 units
DONALD CLIFFORD PACE	20 units
ELLISON GEORGE BAKER	50 units
LOUIS VALENTINE BARBISAN	nil
HECTOR DURWOOD TOMLINSON	755 units
ROSETTA MAY TOMLINSON	10 units

There is a total of Twenty-two Hundred (2200) units in Tomrose Prospecting Syndicate issued and outstanding. The interest of Mr. Baker and Mr. Tomlinson in the property owned by the Company are fully set out in Paragraph 11 hereof.

19. No remuneration has been paid at any time to any Director or Officer and, in any event, none is estimated to be so paid during the current fiscal year save and except a total of Three Hundred Dollars (\$300.00) to Louis Valentine Barbisan, the Secretary-Treasurer of the Company.
20. No dividends have been paid by the Company.

21. The Company knows of no arrangement or agreement in writing which would cause any person other than the Vendors to be in a position or to be entitled to elect or cause to be elected a majority of the directors of the Company.
22. The general nature of the business to be transacted by the Company is the exploration and development of its mining properties which it now owns or property which it may acquire in the future.
23. Vendors shares of the capital stock of the Company when freed, as well as free Vendors shares, may be offered to the public at market prices but the proceeds of sales will not accrue to the Treasury of the Company.
24. There is no other material fact not disclosed in the foregoing.

DATED the 7th day of May, 1963.

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

D I R E C T O R S

"Hector Durwood Tomlinson"
Hector Durwood Tomlinson

"Rosetta May Tomlinson"
Rosetta May Tomlinson

"George Cambell"
George Cambell

"Donald Clifford Pace"
Donald Clifford Pace

"Ellison George Baker"
Ellison George Baker

P R O M O T E R

TOMROSE PROSPECTING SYNDICATE

Per: "Hector Durwood Tomlinson"
Manager

McDONALD, NICHOLSON & CO.

CHARTERED ACCOUNTANTS

Robert R. McDonald, C.A.
Thomas A. Richardson, C.A.
Marsden D. Kirk, C.A.

55 YORK STREET
TORONTO 1
Ontario

Cable Address "FMENCO"
Telephone Empire 4-1927

To the Directors,
Tomrose Mines Limited,
TORONTO, Ontario.

We have examined the Balance Sheet of TOMROSE MINES LIMITED as at 15th March, 1963 together with the Schedules of Preliminary Development Costs and Notes appended thereto, and have obtained all the information and explanations we have required. 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 and according to the best of our information and the explanations given to us and as shown by the books of the Company, the accompanying Balance Sheet together with the related Schedules of Preliminary Development Costs and Notes to Financial Statements present fairly the financial position of the Company as at 15th March, 1963, in accordance with generally accepted accounting principles.

Respectfully submitted,

"McDonald, Nicholson & Co."

Chartered Accountants,

TORONTO, 1st April, 1963.

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

BALANCE SHEET

15th March, 1963

A S S E T S

CURRENT ASSETS

Cash in Bank and on Deposit \$ 3,301.64

INTEREST IN MINING PROPERTIES

27 Unpatented Mining Claims, acquired by the issue of shares of Capital Stock of the Company (Note 1)	\$ 80,528.02	
Tools, Equipment and Office Furniture (Note 1)	1,289.75	
Preliminary Development Costs, per Schedule herewith (Note 1)	<u>4,885.59</u>	86,703.36

<u>ORGANIZATION EXPENSES</u> , estimated		<u>2,000.00</u>
		<u>\$ 92,005.00</u>

L I A B I L I T I E S

CURRENT LIABILITIES

Accounts Payable and Accrued Charges \$ 2,000.00

SHAREHOLDERS' EQUITY

Capital Stock				
Authorized 5,000,000 shares of par value \$1.00 each			\$5,000,000.00	
Issued	<u>No. of Shares</u>	<u>Par Value</u>	<u>Discount</u>	
For Cash	5	\$ 5.00	\$ -	
For Mining Properties (Note 1)	805,280	805,280.00	724,752.00	
For Other Consideration (Note 1)	<u>94,720</u>	<u>94,720.00</u>	<u>85,248.00</u>	
	<u>900,005</u>	<u>\$ 900,005.00</u>	<u>\$ 810,000.00</u>	<u>90,005.00</u>
				<u>\$ 92,005.00</u>

The accompanying Notes form an integral part of this Financial Statement

Approved on behalf of the Board

"Hector D. Tomlinson"
Director

"D. C. Pace"
Director

Subject to accompanying Report of this date

"McDonald, Nicholson & Co."
Chartered Accountants.

TORONTO, 1st April, 1963.

SCHEDULE A

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

PRELIMINARY DEVELOPMENT COSTS

(acquired under the terms of the agreement referred to in Note 1)

15th March, 1963

Assays	\$ 32.00
Maps and Photographs	50.89
Abstracts and Recording Fees	270.18
Geologists' Fees and Expenses	260.37
Insurance	147.68
Miscellaneous	54.75
Supplies	631.91
Telephone	46.18
Freight and Travel	1,384.18
Wages and Board	2,007.45
	<hr/>
	\$ 4,885.59
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SCHEDULE B

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

NOTES TO FINANCIAL STATEMENTS

15th March, 1963

NOTE 1

Under the terms of an agreement dated 15th March, 1963, the Company acquired the undernoted assets by the issue of fully-paid non-assessable shares of its Capital Stock as follows:

From Tomrose Prospecting Syndicate for 770,000 shares at 10¢ per share		\$ 77,000.00
Cash in Bank and on Deposit	\$ 3,296.64	
Office Equipment	333.50	
Equipment and Tools	956.25	
Preliminary Development Costs (Schedule A)	4,885.59	
19 Unpatented Mining Claims	67,528.02	
	<hr/>	
	\$ 77,000.00	
	<hr/> <hr/>	
From Hector D. Tomlinson for 65,000 shares at 10¢ per share		6,500.00
5 Unpatented Mining Claims	\$ 6,500.00	
	<hr/> <hr/>	
From Ellison G. Baker for 65,000 shares at 10¢ per share		6,500.00
3 Unpatented Mining Claims	\$ 6,500.00	
	<hr/> <hr/>	
900,000 shares of Capital Stock issued at 10¢		\$ 90,000.00
		<hr/> <hr/>

TOMROSE MINES LIMITED

Crerar Township Property
Timiskaming Mining Division

INTRODUCTION

This is a report on a group of mining claims located in Crerar Township, Ontario, and owned by Tomrose Mines Limited. The purpose of the report is to summarize the exploration work done on the property by the Tomrose Prospecting Syndicate and to outline a program of further exploration.

This report is based on the following sources of information.

1. - Discussions with Mr. H. D. Tomlinson, manager of the Tomrose Prospecting Syndicate who directed the exploration work on the property.
2. - Studies of air photographs of the claim area on scales of 1 inch to 1320 feet and 1 inch to 400 feet.
3. - Field examinations of the property made on July 2, 3 and 4, 1961, and on November 17 and 18, 1962.

PROPERTY AND LOCATION

Tomrose Mines Ltd. has acquired 27 contiguous unpatented mining claims located in the north central portion of Crerar Township, Timiskaming Mining Division, Ontario. The claims lie in surveyed territory and encompass about 1080 acres. For ease of description the property is referred to as the North, Middle, and South Sections.

North Section

The North Section was acquired from the Tomrose Prospecting Syndicate and consists of 10 mining claims described as follows:

<u>Claim No.</u>	<u>Parcel</u>	<u>Lot No.</u>	<u>Conc. No.</u>
T 50531	SE $\frac{1}{4}$, S $\frac{1}{2}$	7	VI
T 50532	SW $\frac{1}{4}$, S $\frac{1}{2}$	7	VI
T 50530	NW $\frac{1}{4}$, N $\frac{1}{2}$	6	V
T 49691	NE $\frac{1}{4}$, N $\frac{1}{2}$	7	V
T 49692	NW $\frac{1}{4}$, N $\frac{1}{2}$	7	V
T 49693	NE $\frac{1}{4}$, N $\frac{1}{2}$	8	V
T 49700	SE $\frac{1}{4}$, N $\frac{1}{2}$	8	V
T 49699	SW $\frac{1}{4}$, N $\frac{1}{2}$	7	V
T 49698	SE $\frac{1}{4}$, N $\frac{1}{2}$	7	V
T 50529	SW $\frac{1}{4}$, N $\frac{1}{2}$	6	V

Middle Section

The Middle Section was acquired from H. D. Tomlinson and E. G. Baker, both of Toronto. The Tomlinson portion consists of 5 claims described as follows:

<u>Claim No.</u>	<u>Parcel</u>	<u>Lot No.</u>	<u>Conc. No.</u>
T 50528	NE $\frac{1}{4}$, S $\frac{1}{2}$	9	V
T 50527	NW $\frac{1}{4}$, S $\frac{1}{2}$	8	V
T 50526	NE $\frac{1}{4}$, S $\frac{1}{2}$	8	V
T 50525	NW $\frac{1}{4}$, S $\frac{1}{2}$	7	V
T 50524	NE $\frac{1}{4}$, S $\frac{1}{2}$	7	V

The Baker portion consists of 3 claims described as follows:

<u>Claim No.</u>	<u>Parcel</u>	<u>Lot No.</u>	<u>Conc. No.</u>
T 52410	SE $\frac{1}{4}$, S $\frac{1}{2}$	7	V
T 52409	SW $\frac{1}{4}$, S $\frac{1}{2}$	7	V
T 52408	NE $\frac{1}{4}$, N $\frac{1}{2}$	8	IV

South Section

The South Section was acquired from the Tomrose Prospecting Syndicate and consists of 9 mining claims described as follows:

<u>Claim No.</u>	<u>Parcel</u>	<u>Lot No.</u>	<u>Conc. No.</u>
T 51689	NW $\frac{1}{4}$, N $\frac{1}{2}$	7	IV
T 51688	SW $\frac{1}{4}$, N $\frac{1}{2}$	7	IV
T 51683	SE $\frac{1}{4}$, N $\frac{1}{2}$	8	IV
T 51684	SW $\frac{1}{4}$, N $\frac{1}{2}$	8	IV
T 51685	NE $\frac{1}{4}$, S $\frac{1}{2}$	9	IV
T 51686	NW $\frac{1}{4}$, S $\frac{1}{2}$	8	IV
T 51682	NE $\frac{1}{4}$, S $\frac{1}{2}$	8	IV
T 51681	SW $\frac{1}{4}$, S $\frac{1}{2}$	8	IV
T 51687	SE $\frac{1}{4}$, S $\frac{1}{2}$	9	IV

The claim titles were not searched but they are recorded on the Ontario Department of Mines Plan No. M-739, Crerar Township Claim Map.

ACCESS AND FACILITIES

Access to the property is by car from the hamlet of River Valley which is located on Highway 539A about 25 miles northwest of Sturgeon Falls, Ontario. Township roads leading out of River Valley give ready access to both the north and south boundaries of the property.

There is no mining equipment of consequence on the property. Facilities of use for mining exploration and available to the company are a cabin equipped to accommodate 4 men, and bush roads passable for a tractor. Water and timber resources are adequate for exploration purposes.

HISTORY AND DEVELOPMENT

There is no early mining history of consequence. The general area in and around Crerar Township has received spasmodic prospecting from time to time as evidenced by the occasional old pit or trench. Near the south boundary of claim T 50531 a quartz vein carrying chalcopyrite and pyrite was trenched and diamond drilled a number of years ago. The vein is exposed for a length of 30 feet and reaches a maximum width of about 6 feet. Character samples, rich in chalcopyrite, submitted for assay by H. D. Tomlinson, returned values in copper and gold.

The 10 claims comprising the North Section of the property were prospected by the Tomrose Prospecting Syndicate in 1961 and 1962. The work done included searching for mineralization, rock trenching, character sampling, and 373 feet of Pack Sack Diamond drilling. Altogether about 20 pits and trenches were blasted into fresh rock.

The Middle Section has been partially prospected and one rusty zone located. Much of this section is low swampy ground through which major faults are thought to pass.

The South Section has not been prospected. A few N-S traverses across the property were made late in the summer of 1962 and sulphide mineralization, including chalcopyrite, was found. None of the discoveries has been opened up. Two surface grab samples returned low copper values and traces of nickel and Platinum thus prompting the Tomrose Prospecting Syndicate to stake the South Section claims.

GENERAL GEOLOGY

The geology of Crerar Township has not been mapped by any government agency and those few geological facts which are known have been gathered by the writer and H. D. Tomlinson acting for the Tomrose Prospecting Syndicate. Crerar Township is located on or near the "Grenville Front" which is the broad, ill-defined, indistinct line of demarcation between the Grenville and Timiskaming geological sub-provinces. Geological opinion is uncertain whether the rocks in Crerar Township belong to the Grenville Series or the Huronian Series. The evidence supporting the Grenville viewpoint is the relatively steep dips and the degree of rock metamorphism which is of the amphibolite facies. As opposed to this, distinctly Huronian rocks outcrop a short distance northwest of the Tomrose property and the steep dips and metamorphic state can be regarded as effects of the nearby Killarney intrusive granite and possibly the basic intrusives. Similar logic casts doubt on the age of the basic intrusives. They may be of Keweenawan age or they may have intruded during Grenville times.

TABLE OF FORMATIONS

Quaternary	Recent	swamps.
	Pleistocene	sand gravel, clay.
GREAT UNCONFORMITY		
Late Precambrian	Keweenaw	diabase, gabbro,
	(or Grenville)	dikes & stocks
Intrusive Contact		
	Killarney	granite batholith.
GREAT UNCONFORMITY		
Huronian or Grenville	quartzites, amphi- bolites, diorites.

The Huronian or Grenville rocks consist of sediments: quartzites, greywackes and argillites which have been metamorphosed to the amphibolite facies. The metamorphism produced little change in the quartzites and greywackes which are relatively inert chemically. These rocks today are hard, massive, recrystallized formations whose colour ranges from grey to flesh. The metamorphic changes induced in the argillaceous sediments are much more pronounced and infinitely more variable. Some of the formations are now bands of almost pure hornblende of medium grain. Others are mixtures of hornblende and feldspar in which the proportions of the two minerals as well as their grain size change rapidly along strike and from bed to bed. These rocks have a well developed schistosity. Certain of the quartzites and pure hornblende beds may prove to be useful horizon markers.

The gabbro intrusives may be of either Grenville or Keweenaw age. These are coarse grained stocks of substantial size and have caused considerable alteration to their enclosing rocks.

STRUCTURAL GEOLOGY

Until the whole claim group is prospected and mapped the sources of information as to structure are limited to air photo interpretations and the few observations recorded on traverses.

On the North Section the formations strike E-W and dip south at about 50 degrees. On the South Section the formations trend N55E and dip 45 degrees south. On the easternmost claim of the Middle Section a small outcrop of biotite gneiss strikes N-S and dips 60 degrees east. The sparseness of the observations renders an interpretation inconclusive but it is suggestive of an asymmetrical fold whose nose lies somewhere to the east of claim T 50524. The configuration of the fold, the southern dips of the limbs, and the heavy concentration of gabbro intrusives west of the nose and between the limbs, suggest that the fold is an anticlinal structure with an easterly plunge.

The air photographs show many strong lineaments crossing the property. Some of these are so persistent that there is every reason to believe that they are faults. Others are probably zones of alteration around gabbro intrusives which have weathered out more quickly than the unaltered rocks. A pronounced E-W fault plane showing slickensides and mullion structure was observed on claim T 52408. Other, less pronounced faults, were observed near the south boundary of the property. These trend northwest; the same direction as do some fracture zones observed on the North Section. The interesting aspect of the faults on the South Section is that they appear to have a spatial relationship to the known mineralization.

ECONOMIC GEOLOGY

Virtually all of the exploration work done on the Tomrose property has been concentrated on the North Section since this was the only property owned by the predecessor, Tomrose Prospecting Syndicate, until late summer of 1962 when the South Section was staked.

1. North Section

The 10 claims on the North Section were prospected by H. D. Tomlinson and Arcade Dupras. They had the most success on claims T 49691, T 50530 and T 50531. While prospecting a small amount of Self Potential geophysical surveying was done using pace and compass methods for control. The mineral discoveries were opened up by trenching. Altogether about 20 pits and trenches were drilled and blasted to expose fresh rock and, in some instances, tested by Pack Sack diamond drilling. The more interesting results are described below.

Claim T 49691

a. Pit #1

The pit measures about 30 by 15 feet. The rock is amphibolite and several narrow quartz-chalcopyrite stringers trend E-W through the pit. There is some disseminated chalcopyrite between the stringers. Of 6 grab samples collected by H. D. Tomlinson in the summer of 1961, the copper values ranged from 0.32% to 0.51%; 3 samples showed traces of nickel; 2 samples showed 0.01 ozs. of gold; 4 showed traces of gold. Diamond drill holes 1, 2 and 3 totalling 162 linear feet were drilled beneath Pit #1 and to cover the strike for a length of 100 feet. The cores showed no significant rock change; a continuation of narrow, irregular quartz stringers; and some sulphide mineralization including chalcopyrite. No samples were cut.

b. Pit #2

This pit was sunk on a minor drag fold showing an axial plan shearing. The rock was amphibolite which showed a reddish alteration. One grab sample, in which the copper sulphide chalcocite was identified, returned 10.00% copper and 0.01 ozs. per ton in gold.

C. Pit # 15

This pit was sunk on the contact of a massive gabbroic dike and a fine grained amphibolite. Near the contact the amphibolite carried disseminated chalcopyrite and small amounts of bornite. Two grab samples returned 1.56% and 0.84% copper. There was no mineralization in the gabbro.

Claim T 49692

No surface exposures of mineralization of significance were found on this claim. DDH #7 was drilled solely to probe an overburdened area. The hole was 54 feet long and returned only minor sulphide mineralization. No samples were taken.

Claim T 50530

a. Pit # 7

This pit was sunk on a small shearing near the nose of a minor dragfold. A grab sample of the amphibolite rock returned 0.22% copper and a Trace in gold.

b. Pit # 7A

This trench is about 100 feet long and up to 10 feet wide. It lies a few feet east of Pit #7. It was sunk on a minor dragfold structure within a bank of thin bedded, impure quartzite which has been highly contorted and fractured. A grab sample of the layered and disseminated mineralization returned 1.02% copper and a Trace in gold.

c. Pit # 8

This pit lies 125 feet south and east of Pit # 7A. It was sunk on a dragfold. The rock is a fairly massive, coarse grained amphibolite which has been partially chloritized. Chalcopyrite occurs as disseminations throughout the chloritized section. A grab sample returned 1.06% copper and 0.01 ozs. of gold.

d. Pit # 10

Pit #10 lies about 200 feet northeast of Pit #8. It measured 25 feet in length and is 5 feet wide. It was sunk on the edge of an outcrop where one limb of a dragfold was exposed by stripping. The rock is a coarse grained amphibolite and carries only minor disseminations of chalcopyrite.

Claim T 50531

Pit # 4

This is an old pit which was trenched and diamond drilled many years ago. Grab sampling by H. D. Tomlinson has produced a wide variety of assay returns.

Gold : from 0.01 ozs. to 0.26 ozs. per ton
Copper: from 9.42% to 25.22%
Nickel: from 0.12% to 0.26%.

The main pit is roughly 30 feet long and exposes a quartz vein having a maximum width of about 6 feet. The quartz carries large blobs of pyrite and chalcopyrite irregularly distributed. In my opinion the exposed vein is not of ore grade and I do not consider this vein to be worth exploring.

Diamond Drill Holes 4, 5 and 6 were all put down on this claim. Each hole was an exploratory one whose purpose was to probe low overburdened areas. The rocks encountered were amphibolites and related gneisses. Hole 4 was a blank but the other two encountered small amounts of sulphides. No samples were cut.

General Remarks on Trenching Results

The dozen or so small pits and trenches which have not been described herein were sunk as a part of the program of searching for mineralization. Some of these trenches found no mineralization while others showed sulphide mineralization without copper values. Probably the most important result of the trenching was the fact that a well developed, sheared dragfold almost invariably had copper mineralization associated with it. The amount of copper depended, in a less obvious way, on the chemical nature of the dragfolded rock.

2. Middle Section

The Middle Section has not been prospected and there is very little economic data concerning these claims. The north central claims are covered by wet swamp and prospecting is not likely to be successful. A rusty zone has been located on claim T 52410. It carries some chalcopyrite. One edge of the rusty zone is exposed along a narrow valley for a length of about 75 feet. The physical environment is such that stripping and trenching are possible and practical.

3. South Section

The South Section was staked after a few traverses had disclosed several zones of rust whose combined trend was northeasterly. The individual rusty zones, and several have been located, can be traced on the edges of outcrops for lengths up to 100 feet and widths of the order of 15 to 20 feet. Parts of the rusty zones contain small amounts of finely disseminated pyrite, pyrrhotite and chalcopyrite. A grab sample collected by H. D. Tomlinson returned 0.25% copper and Traces of Nickel and Platinum. The trend of each rusty zone is northeast, conformable with the enclosing rocks but it is not known if the rusty zones as a group represent one stratigraphic horizon. The formations are broken by a number of northwest striking vertical faults or fractures which are not sufficiently pronounced to be recognized on the air photos. There may or may not be appreciable movement along the northwest structures. The known rusty zones occur near recognizable fault or fracture zones but until further prospecting is done the importance of this spatial relationship will remain clouded.

CONCLUSIONS

1. Prospecting and trenching on the North Section has revealed scattered copper mineralization in the form of the sulphides chalcopyrite and chalcocite. The mineralization is most intensely developed within minor shearings which are sometimes occupying the axial planes of minor drag folds. None of the mineralization exposed is likely to make ore but the environment of the mineralization, though small in dimension, is good. It is possible that a sheared drag fold structure of ore making dimension may occur in the swamps lying immediately west of the mineralized area.
2. The Middle Section must be regarded as a raw prospect. The air photographs suggest that major fault or shear structures cross these claims but since much of this area is low swampy ground, surface prospecting is unlikely to be successful. Geophysical methods are the logical way to explore.
3. The South Section is unexplored. Several northeasterly trending rusty zones are known to occur on the claims and at least portions of the rusty zones are mineralized with sulphides including chalcopyrite. The known areas of mineralization need to be trenched and the claim group prospected to determine if more mineralization zones are present.

RECOMMENDATIONS

1. The North Section claims should be maintained in good standing until,
 - (a) the swamps west of the mineralized area are explored geophysically and, if necessary, diamond drilled and,
 - (b) the South Section claims are more fully assessed.

The geophysical survey work would involve a minimum of 6 linear miles of surveying on claims T 49691, 49692, 50531, and 50532. The survey instruments to use are a magnetometer and a horizontal loop electromagnetic unit.

2. Because of the low ground prospecting on the Middle Section will have a low productivity in respect to covering the area. After geophysical experience has been gained on the North Section, Claim T 50525, the west half of T 50524, and the east half of T 50526 should be surveyed magnetically. Large faults and shears are suspected of crossing these claims and it is possible that the survey will locate these faults more precisely. The swamps in this area are wet and this work can be done only in the winter time.
3. The South Section claims require prospecting particularly those parts well removed from the known zones of mineralization. The mineralized zone itself requires controlled prospecting and mapping so that the several rusty zones may be related to each other geographically, if not geologically. To this end a chained baseline should be established striking northeast through the rusty zones. Short picket lines at 200 foot intervals, or more frequently where necessary, will assure proper control for prospecting, trenching, and mapping. The rusty zones require stripping, trenching, and sampling; but the amount of this work can be guided only by the results.

COST ESTIMATES

1. North Section

- (a) Line cutting, magnetometer survey,
electromagnetic survey, 6 linear miles \$ 1,500.
- (b) Allowance for follow-up diamond drilling
if required, 1000 linear feet 4,000.

2. Middle Section

- (a) Prospecting, trenching, assaying 1,000.
- (b) Line cutting, magnetometer survey, 7 miles 1,000.

3. South Section

- (a) Prospecting, line cutting, 2 men for
1 month; wages and supplies 1,500.
- (b) Stripping, trenching, sampling, Pack Sack
diamond drilling; 2 men for 2 months 3,000.
- (c) Geological mapping, reports, evaluation 500.

GRAND TOTAL \$ 12,500.

Contingency Allowance: travel, supervision 2,500.

GRAND TOTAL \$ 15,000.

My report is respectfully submitted.

"H. G. Harper"
H. G. Harper, F. G. A. C., P. Eng.,
Economic Geologist

Willowdale, Ontario,
April 3rd, 1963.

C E R T I F I C A T E

I, HUGH GRANT HARPER, of Metropolitan Toronto, in the Province of Ontario, certify as follows with respect to my report entitled Tomrose Mines Limited, Crerar Township Property,

1. I am a practising economic geologist carrying on business as

H. Grant Harper, P. Eng.,
314 Hendon Avenue,
Willowdale, Ontario.

2. I graduated from the University of Toronto with the degree of B.A.Sc., 1950 and M.A.Sc., 1951, and have been engaged in my profession for 10 years. I am a Fellow of the Geological Association of Canada, a member of the Ontario Association of Professional Engineers registered in the Mining Branch, a member of the Canadian Institute of Mining and Metallurgy, and a member of the Board of Trade of Metropolitan Toronto.
3. I have no direct or indirect interest whatever, nor do I expect to receive any, in the properties or securities of Tomrose Mines Limited.
4. My report is based on a personal examination of the claims and veins made on July 2, 3 and 4, 1961, and November 17 and 18, 1962.

"H. G. Harper"

H. Grant Harper, F.G.A.C., P.Eng.
Economic Geologist

Willowdale, Ontario,
April 3, 1963.

Card

Plan File



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030



Prospectus
of

TOMROSE MINES LIMITED

May 15th, 1964

PROSPECTUS

TOMROSE MINES LIMITED

STATUTORY INFORMATION

1. Tomrose Mines Limited, hereinafter referred to as the "Company" has its head office at Suite 1-A, Fourth Floor, 392 Bay Street, Toronto 1, Ontario.
2. The Company was incorporated by Letters Patent under the authority of The Ontario Corporations Act and dated the 19th day of February, 1963, no Supplementary Letters Patent have been issued to the Company.
3. The Officers and Directors of the Company and their respective home addresses and occupations are as follows:

DIRECTORS

<u>NAME</u>	<u>OCCUPATION</u>	<u>ADDRESS</u>
Hector Durwood Tomlinson	Sales Manager	60 Paperbirch Drive, Don Mills, Ontario
Rosetta May Tomlinson	Housewife	60 Paperbirch Drive, Don Mills, Ontario
George Carbell	Chemical Engineer	18 Paperbirch Drive, Don Mills, Ontario
Donald Clifford Pace	Executive	21 Paperbirch Drive, Don Mills, Ontario
Ellison George Baker	Sales Manager	99 Munro Blvd. Willowdale, Ontario

OFFICERS

<u>NAME</u>	<u>OFFICE HELD</u>	<u>ADDRESS</u>
Hector Durwood Tomlinson	President	60 Paperbirch Drive Don Mills, Ontario
Rosetta May Tomlinson	Vice-President	60 Paperbirch Drive Don Mills, Ontario
Louis Valentine Barbisan	Secretary-Treasurer	2444 Camilla Road, Cooksville, Ontario

Although no payments for promotional services as such have been made or are to be made, Hector Durwood Tomlinson is the promoter of the Company.

4. The auditors of the Company are McDonald, Nicholson & Company, Chartered Accountants, 55 York Street, Toronto 1, Ontario.
5. The Sterling Trust Corporation, 372 Bay Street, Toronto, Ontario, is the Registrar and Transfer Agent of the Company.
6. The authorized share capital of the Company is FIVE MILLION SHARES with a par value of One Dollar (\$1.00) each of which, at the date hereof, One Million Two Hundred and Sixty-three Thousand and Five (1,263,005) have been issued and are fully paid up and non-assessable.
7. There are no bonds or debentures issued or outstanding nor does the Company propose to issue any.
8. There are Eight Hundred and Ten Thousand (810,000) shares held in escrow by the Sterling Trust Corporation, Toronto, subject to release, pro rata, with the consent of the Directors of the Company evidenced by a Resolution and of the Ontario Securities Commission and further subject to alienation, hypothecation and/or transfer within escrow only with written consent of the Ontario Securities Commission.
9. A total of Three Hundred and Sixty-three Thousand and Five (363,005) shares have been sold for cash to date. Three Hundred and Thirteen Thousand (313,000) shares have been sold at ten cents (10¢) each. Fifty Thousand (50,000) shares have been sold at fifteen cents (15¢) each and Five (5) shares being the directors' qualifying shares have been sold at One Dollar (\$1.00) each for a total of Thirty-eight Thousand Eight Hundred and Five Dollars (\$38,805.00). A commission is payable on the Fifty Thousand (50,000) shares sold at fifteen cents (15¢) per share which commission is in the amount of One Thousand Eight Hundred and Seventy-five Dollars (\$1,875.00). In addition Eight Hundred and Five Thousand Two Hundred and Eighty (805,280) shares have been issued for mining properties and Ninety-four Thousand Seven Hundred and Twenty (94,720) shares have been issued for other consideration as set out in item 11 (a).
10. No shares have been or are to be issued and no cash has been or is to be paid to any promoter for promotional services.
11. By Agreement dated March 15th, 1963, with Tomrose Prospecting Syndicate, 392 Bay Street, Toronto, Hector Durwood Tomlinson, 60 Paperbirch Drive, Don Mills, Ontario and Ellison George Baker, 99 Munro Blvd., Willowdale, Ontario, the Company purchased 27 unpatented mining claims situate in the Township of Crerar in the District of Nipissing, Timiskaming Mining Division. Mining Claims numbered 49691, 2 and 3, 49698 and 9, 49700, 50529, 30, 31 and 32, 51681, 2, 3, 4, 5, 6, 7, 8 and 9, being 19 in all were purchased from Tomrose Prospecting Syndicate, Mining Claims numbered 50524, 5, 6, 7 and 8, being 5 in all were purchased from Mr. Tomlinson, and Mining Claims numbered 52408, 9 and 10, being 3 in all were purchased

from Mr. Baker. Further pursuant to such Agreement the Company acquired from Tomrose Prospecting Syndicate all of its assets which consisted of the above noted unpatented mining claims together with development expenditures of \$4,885.59, cash in the amount of \$3,296.64, equipment and tools valued at \$956.25 and office equipment valued at \$333.50.

- (b) The consideration paid under such Agreement was the issuance of 770,000 fully paid shares of the Company to the unit holders of Tomrose Prospecting Syndicate, 65,000 fully paid shares of the Company to Mr. Tomlinson and 65,000 fully paid shares of the Company to Mr. Baker for a total of 900,000 shares valued by the Directors of the Company at ten cents (10¢) per share. Ninety percent (90%) of all these shares, being 693,000 of those shares issued to the unit holders of Tomrose Prospecting Syndicate, 58,500 of those shares issued to Mr. Tomlinson and 58,500 of those shares issued to Mr. Baker, have been placed in escrow subject to release upon approval by a Resolution of the Board of Directors of the Company and the written consent of the Ontario Securities Commission. Tomrose Prospecting Syndicate has been dissolved and the shares held by it distributed to its unit holders.
- (c) Since the acquisition of the above properties two (2) claims numbered T50527 and T50528 have been dropped and three (3) of the claims T50524 to T50526 inclusive have been restaked by the Company and are now recorded as T53548 to T53550 inclusive. In addition twelve (12) new claims have been staked by the Company contiguous to the original property at a cost of \$225.30. The new claims staked being in Crerar Township, Timiskaming Mining Division and being claim numbers T53153 to T53161 inclusive T53769 and T53959 and T53960.
- (d) The only persons who received a greater than five percent (5%) interest in the vendor consideration were the said Hector Durwood Tomlinson and the said Ellison George Baker.
12. The means of access to the mining claims purchased by the Company and referred to in paragraph number 11 herein, the extent of the surface exploration and development thereof, and the known history of the property are fully set forth in the report of H. Grant Harper, dated the 10th day of March, 1964, accompanying and forming part of this Prospectus. There is no underground development to date and no underground plant and equipment upon the property. The surface plant and equipment located on the property and the work done and improvement made to the property by the present management is set out in the said report of H. Grant Harper.
13. There are no option agreements or underwriting agreement of any kind outstanding or proposed to be given by the Company. The Company as a security issuer will offer its shares to the public through its selling officers at the prevailing market existing for such shares at the time of offering them for sale with a minimum return to the treasury of seventy-five percent (75%) of the selling price per share (being not less than ten cents (10¢) per share to the treasury).

14. The funds to be supplied from the shares to be offered for sale will be devoted to the future exploration and development plans of the management in accordance with the recommendations contained in the report of H. Grant Harper, dated the 10th day of March, 1964 accompanying and forming part of this Prospectus and in the further exploration of the property owned by the Company and in satisfying operating expenses of the Company. Future development and exploration plans of the management shall be in accordance with the funds available.
15. There is no indebtedness intended to be created or assumed which is not shown in the balance sheet as at February 29th, 1964 attached hereto and filed with the Ontario Securities Commission except: indebtedness to be created in the ordinary course of business.
16. The business in which each Director and Officer of the Company has been engaged during the past three (3) years is as follows:

GEORGE CABELL	Chief Chemist with Lincoln Electric Company of Canada Limited
DONALD CLIFFORD PACE	Secretary-Treasurer with Amalgamated Electric Corporation Limited
ELLISON GEORGE BAKER	Sales Manager with The Bell Telephone Company of Canada Limited
LOUIS VALENTINE BARBISAN	Chartered Accountant with Mid-North Engineering Services Limited
HECTOR DURWOOD TOMLINSON	Sales Manager with The Bell Telephone Company of Canada Limited
ROSETTA MAY TOMLINSON	Housewife, wife of Hector Durwood Tomlinson.
17. None of the directors of the Company, other than Ellison George Baker, and none of the officers of the Company, other than Hector Durwood Tomlinson, either directly or indirectly, have ever had any interest in any property owned by the Company.
18. A total of Two Hundred Dollars (\$200.00) has been paid to Officers of the Company as salary. No payment or remuneration has been paid at any time to any Director. It is estimated that during the current fiscal year the Directors will be paid Twenty-five Dollars (\$25.00) each for each meeting attended and up to the sum of Three Hundred Dollars (\$300.00) will be paid to the Secretary-Treasurer of the Company.
19. No dividends have been paid by the Company.

20. The Company knows of no arrangement or agreement in writing which would cause any person other than the Vendors to be in a position or to be entitled to elect or cause to be elected a majority of the Directors of the Company.
21. The general nature of the business to be transacted by the Company is the exploration and development of its mining properties which it now owns or property which it may acquire in the future.
22. Vendors shares of the capital stock of the Company when freed, as well as free Vendors shares, may be offered to the public at market prices but the proceeds of sales will not accrue to the Treasury of the Company.
23. There is no other material fact not disclosed in the foregoing.

DATED the 15th day of May, 1964.

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

D I R E C T O R S

"Hector Durwood Tomlinson"
Hector Durwood Tomlinson

"Rosetta May Tomlinson"
Rosetta May Tomlinson

"George Cambell"
George Cambell

"Donald Clifford Pace"
Donald Clifford Pace

"Ellison George Baker"
Ellison George Baker

P R O M O T E R

"Hector Durwood Tomlinson"
Hector Durwood Tomlinson

Robert R. McDonald, C.A.
Thomas A. Richardson, C.A.
Marsden D. Kirk, C.A.

McDONALD, NICHOLSON & CO.

CHARTERED ACCOUNTANTS

Cable Address "EMENCO"
Telephone: Empire 4-1927

55 YORK STREET
TORONTO 1
Ontario

To the Shareholders,
Tomrose Mines Limited,
TORONTO, Ontario.

We have examined the Balance Sheet of TOMROSE MINES LIMITED as at 29th February, 1964, together with the Statement of Preliminary Development and Administrative Costs for the period from date of incorporation, 19th February, 1963, to 29th February, 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 together with the related Statement of Preliminary Development and Administrative Costs presents fairly the financial position of the Company as at 29th February, 1964, and the results of its operations for the period ended on that date, in accordance with generally accepted accounting principles.

"McDonald, Nicholson & Co."

Chartered Accountants

TORONTO, 16th March, 1964.

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

BALANCE SHEET29th February, 1964A S S E T SCURRENT ASSETS

Cash in Bank	\$ 8,866.98	
Notes Receivable - 4½%, due on demand	15,000.00	
Interest Receivable	<u>111.07</u>	\$23,978.05

INTEREST IN MINING PROPERTIES

37 Unpatented Mining Claims (Note 1)	\$ 80,528.02	
Tools, Equipment & Office Furniture (Note 1)	2,843.14	
Preliminary Development and Administrative Costs, per Statement herewith (Note 1)	<u>21,458.40</u>	104,829.56

ORGANIZATION EXPENSES1,978.80\$ 130,786.41L I A B I L I T I E SCURRENT LIABILITIES

Accounts Payable and Accrued Charges	\$ 1,981.41
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SHAREHOLDERS' EQUITY

Capital Stock			
Authorized 5,000,000 shares of par value			
\$1.00 each			\$ 5,000,000.00
Issued	<u>No. of Shares</u>	<u>Par Value</u>	<u>Discount</u>
For Cash	363,005	\$ 363,005.00	\$ 324,200.00
For Mining Properties (Note 1)	805,280	805,280.00	724,752.00
For Other Consideration (Note 1)	<u>94,720</u>	<u>94,720.00</u>	<u>85,248.00</u>
	<u>1,263,005</u>	<u>\$1,263,005.00</u>	<u>\$1,134,200.00</u>
			<u>128,805.00</u>
			<u>\$ 130,786.41</u>

The accompanying Notes form an integral part of this Financial Statement

Approved on behalf of the Board

"Hector D. Tomlinson"
Director

"D. C. Pace"
Director

Subject to accompanying Report of this date,

"McDonald, Nicholson & Co."
Chartered Accountants.

TORONTO, 16th March, 1964.

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

STATEMENT OF PRELIMINARY DEVELOPMENT AND ADMINISTRATIVE COSTSFor the period from date of Incorporation, 19th February, 1963,
to 29th February, 1964

	<u>19th February, 1963</u> <u>to 15th March, 1963</u>	<u>16th March, 1963 to</u> <u>29th February, 1964</u>	<u>Total</u>
<u>PRELIMINARY DEVELOPMENT EXPENSES</u>			
Assays, Maps and Photographs	82.89	40.00	122.89
Diamond Drilling	-	5,603.00	5,603.00
Equipment Rental and Repairs	-	370.44	370.44
Freight and Transportation	1,384.18	1,138.72	2,522.90
Geologists Fees & Expenses	260.37	765.00	1,025.37
Insurance	147.68	123.78	271.46
Recording Fees, Abstracts and Transfers	270.18	299.75	569.93
Staking	-	225.30	225.30
Sundry Field Expenses and Supplies	732.84	602.57	1,335.41
Wages and Board	2,007.45	2,472.40	4,479.85
Licences	-	100.00	100.00
	<u>\$ 4,885.59</u>	<u>\$ 11,740.96</u>	<u>\$ 16,626.55</u>
<u>ADMINISTRATIVE COSTS</u>			
Accounting and Secretarial		200.00	200.00
Directors' Fees		125.00	125.00
Fees, Legal and Other		1,880.00	1,880.00
Office and General Expenses		231.75	231.75
Office Rent		275.00	275.00
Commissions		1,875.00	1,875.00
Shareholders' Information		210.50	210.50
Taxes - Other than Income		20.00	20.00
Trust Company Fees and Expenses		429.56	429.56
		<u>\$ 5,246.81</u>	<u>\$ 5,246.81</u>
<u>Less: Investment Income</u>		<u>414.96</u>	<u>414.96</u>
		<u>\$ 4,831.85</u>	<u>\$ 4,831.85</u>
<u>BALANCE, 29th February, 1964,</u> transferred to Balance Sheet \$4,885.59		<u>\$16,572.81</u>	<u>\$ 21,458.40</u>

The accompanying Notes form an integral part of this Financial Statement.

TOMROSE MINES LIMITED

(Incorporated under the Laws of the Province of Ontario)

NOTES TO FINANCIAL STATEMENTS

29th February, 1964

NOTE 1

Under the terms of an agreement dated 15th March, 1963, the Company acquired the undernoted assets by the issue of fully-paid non-assessable shares of its Capital Stock as follows:

From Tomrose Prospecting Syndicate for 770,000 shares at 10¢ per share		\$ 77,000.00
Cash in Bank and on Deposit	3,296.64	
Office Equipment	333.50	
Equipment and Tools	956.25	
Preliminary Development Costs (Schedule A)	4,885.59	
19 Unpatented Mining Claims	67,528.02	
	<u>\$ 77,000.00</u>	
From Hector D. Tomlinson for 65,000 shares at 10¢ per share		6,500.00
5 Unpatented Mining Claims	\$ 6,500.00	
From Ellison G. Baker for 65,000 shares at 10¢ per share		6,500.00
3 Unpatented Mining Claims	\$ 6,500.00	
900,000 shares of Capital Stock issued at 10¢		\$ 90,000.00

Subsequently the Company allowed 2 of the above noted claims to lapse and acquired an additional 12 claims by staking.

TOMROSE MINES LIMITED

Crerar Township Property
Timiskaming Mining Division, Ontario

* * * *

Introduction

This is a report on the Crerar Township mining claims owned by Tomrose Mines Limited. A summary of the geological character and exploration history of the property is presented and all property changes and exploration works completed during the past year are detailed. Recommendations for further exploration are submitted.

This report is based on the following sources of information:

1. Discussions with Mr. H. D. Tomlinson, President, Tomrose Mines Limited, who has directed the Company's exploration program.
2. Studies of air photographs of the claim area.
3. Field examinations of the property made in July, 1961, November, 1962, and November, 1963. I have logged all the drill cores recovered during 1963 and mapped a small section of the property.

Property and Location

The original Tomrose property consisted of 27 contiguous mining claims but during the past year the following changes have been made in the property.

- a. Two claims, T50527 and T50528 have been dropped.
- b. Three claims, T50524 to T50526 inclusive, have been re-staked by the Company and are now recorded as T53548 to T53550 inclusive.
- c. Twelve new claims have been acquired, the cost of the claims being the direct cost of staking and the government fees for recording.

The present Tomrose property consists of 37 wholly-owned contiguous, unpatented mining claims located in the north central section of Crerar Township, Timiskaming Mining Division, Ontario. The claims lie in surveyed territory and encompass approximately 1,480 acres of land.

The Tomrose claims are numbered as follows:

T49691 to T49693 inclusive
T49698 to T49700 inclusive
T50529 to T50532 inclusive,
T51681 to T51689 inclusive,
T52408 to T52410 inclusive,
T53153 to T53161 inclusive,
T53548 to T53550 inclusive,
T53769, and
T53959 to T53960 inclusive.

The claim titles were not searched but they are recorded on the Ontario Department of Mines Plan #M-739, Crerar Township claim map. Of the 37 claims in the group, 8 are ready for leasing, most have one or more years assessment requirements completed, and only some of the newly acquired claims have no work recorded.

Access and Facilities

The hamlet of River Valley is located on highway 539-A about 25 miles northwest of Sturgeon Falls, Ontario. Gravelled township roads lead from River Valley to the north and south boundaries of the property.

Serviceable facilities located on the Tomrose property and of use during mining exploration are: water, timber, diamond drill tri-pod legs, log cabin for four men, trailer camp for two men, and tractor roads for moving drilling rigs.

History and Development

The Tomrose property has no extensive mining or exploration history. The general area of Crerar Township has been spasmodically prospected over the years as evidenced by the occasional pit and trench. Near the south boundary of T50531 a quartz vein carrying chalcopyrite and pyrite was trenched and diamond drilled a number of years ago. The vein is exposed for a length of 30 ft. and shows a maximum width of 6 ft.

Except the newly staked claims and the extreme southwestern claims, a careful surface examination of the Tomrose property was made during the 1962 and 1963 field seasons. The work done included prospecting, rock trenching, character sampling, 589 ft. of X-ray diamond drilling, 2,487 ft. of standard EXT diamond drilling and some thin and polished section studies.

General Geology

The geology of Crerar Township and the general area has not been mapped in detail. The Township is located on or near the "Grenville Front" which is the broad, ill-defined line of demarcation between the Timiskaming and Grenville geological sub-provinces. Geological opinion is both divided and uncertain whether the paragneisses in Crerar Township and on the Tomrose property in particular, belong to the Grenville or the Huronian. The strongest evidence supporting the Grenville viewpoint is the degree of metamorphism which is characteristic of the amphibolite facies. Typical Huronian rocks outcrop northwest of the Tomrose property and it can be argued that the metamorphism of the sediments may have been caused by the complex gabbro-norite intrusive which itself shows deuteric chlorite, biotite and amphibolite alteration. A further complication is introduced by the basic intrusive itself for it is not clear whether its age is of the Grenville or Keweenawan periods. A generalized Table of Formations follows:

TABLE OF FORMATIONS

Quaternary Recent Swamps
 Pleistocene Sand, gravel, clay

GREAT UNCONFORMITY

Late Precambrian Keweenawan lamprophyre dikes,
 Intrusive Complex,
 gabbro, norite,
 anorthosite

(or Grenville)

INTRUSIVE CONTACT

Killarney granite batholith

GREAT UNCONFORMITY

Huronian quartzite, amphibolite,
 gneisses.

(or Grenville)

The Huronian or Grenville rocks consist of sediments: quartzites, greywackes and argillites which have been metamorphosed to the amphibolite facies. The metamorphism produced little change in the quartzites and greywackes which are relatively inert chemically and today these rocks are hard, massive, re-crystallized formations whose colours range from grey to flesh. The metamorphic changes induced in the argillaceous sediments are much more pronounced and infinitely more variable. Some of the formations are now bands of almost pure hornblende of medium grain. Others are mixtures of hornblende and feldspar in which the proportions of the two minerals as well as their grain size change rapidly along strike and from bed to bed.

The Intrusive Complex is a differentiated, crudely layered, and altered member of the Gabbro Family. Megascopically identifiable rock types include norite, blue quartz diorite, gabbro, anorthosite, and altered gabbro all of which sometimes occur as lens-like layers and other times as irregular segregations within the mass of the intrusive. The contact between the intrusive and the sediments is a diffuse zone, several tens of feet wide, composed of pyroxene, amphibole, biotite, feldspar and garnet. Structural features of the contact zone include a remnant bedding or gneissosity, drag folding and tension fracturing.

There are three megascopically distinct rock types occurring in the Intrusive Complex which warrant description here: the norite, the blue quartz diorite and the altered gabbro. Locally any one of these types may grade imperceptibly into a non-distinctive gabbroic member.

The norite occurs as layers and segregations from 5 to 50 ft. or more in drill core sections. Its variation in grain size, from medium to extremely coarse, depends entirely on the behaviour of its ortho-pyroxene constituent. The ortho-pyroxene appears to be bronzite and frequently occurs in crystalline masses up to $\frac{1}{2}$ " across. The proportion of ortho-pyroxene in the norite varies from about 10% to over 50%. The feldspar, as identified in thin section, is chiefly labradorite-bytownite.

The blue quartz diorite is the most intriguing rock encountered on the Tomrose property. First, because of the sulphide mineralization commonly associated with it and second because of the unusual occurrence of the small blue quartz eyes. The rock occurs in layers or bands varying from less than 5 to several tens of feet in thickness. The blue quartz is a lovely sapphire blue colour. It occurs as very small subhedral grains readily visible to the naked eye but on one occasion blue quartz was found filling a tiny tension fracture in a blue quartz diorite horizon.

Under the microscope patches of blue quartz and associated feldspar, both of which are interstitial to the orthorhombic pyroxene, extinguish simultaneously. According to refractive index measurements, the feldspar is albite. The general impression gained from an examination of the mineralized and non-mineralized sections of the blue quartz diorite is that this rock is a very late stage development of the complex norite intrusive. Its contacts with other members of the intrusive may be either gradational or sharp.

A megascopically identical specimen of blue quartz diorite from the Sudbury Basin was also examined petrographically and was found to be similar but not identical to the blue quartz diorite on the Tomrose property. Blue quartz is relatively common within the Sudbury Intrusive and relatively rare in the basic intrusives outside the Basin. This suggests that the Sudbury Intrusive and the Tomrose Intrusive may have a common magmatic source or, at least, have crystallized under similar conditions of temperature and pressure.

The gabbro members of the intrusive are called gabbro because they contain no recognizable orthorhombic pyroxene in the hand specimen. The "altered norite" or "altered gabbro" is a typically gabbroic rock with pronounced chlorite alteration. The chlorite occurs as greenish "rims" around crystals of feldspar, amphibole, and pyroxene.

Structural Geology

The structural geology of the Tomrose property and of Crerar Township is not known for the township has not been mapped. The structural conditions suggested herein are based on a few reconnaissance traverses made by H. D. Tomlinson and the entire structural geology picture is, unavoidably, more conjectural than factual. Nevertheless, it is my opinion that these conjectures and the possibilities arising therefrom are of sufficient concern to the Tomrose Company to warrant their inclusion in this report.

The Sturgeon River trends southeasterly through the north-east quarter of Crerar Township and its valley forms a crude line of geological demarcation. On the east side of the Sturgeon River the basic intrusives either weaken and fade out or undergo a marked change in strike. On the west side of the Sturgeon, the Tomrose Intrusive widens rapidly in a westward direction and seems to gain in lithological complexity. Apparently the intrusive attains an east-west length of at least six miles and a north-south width of perhaps two or three miles. There are no facts to suggest the structural character of the intrusive. It may simply be a very large dike-like, more or less conformable, intrusive, or it may be a basin or lopolith type of structure.

On the Tomrose property the intrusive is known to narrow to the East and it may form a closure with its northern counterpart on the west bank of the Sturgeon River.

The intrusive is composed of layers and segregations of distinct varieties of gabbro-norite which no doubt developed by processes of magmatic differentiation. The intrusive widens to the West by a series of strike changes in its contact. The south contact dips to the north, some places at 30°, other places near vertically. The plunge is apparently westward.

The Tomrose Intrusive is broken by many faults. Where intersected in drill cores the faults were found to be brecciated, gouge filled structures along which some hydrothermal activity has occurred. Evidence of hydrothermal activity is shown by conspicuous amounts of vein quartz, calcium carbonate, hematite, chlorite and occasionally minor sulphides. The presence of gouge in all the faults indicates post mineralization movement and the faults appear today as open, water-bearing fissures.

Economic Geology

The valuable metals sought on the property are copper, nickel and platinum. Minor amounts of copper have been found in the form of chalcocite, bornite, and chalcopyrite while the nickel occurs as grains of pentlandite imbedded in pyrrhotite. All of the chalcocite and bornite and some of the chalcopyrite occurrences were found on the Company's northern claims during 1962 when some 30 or more separate occurrences were investigated by trenching. Generally speaking, the copper occurred most abundantly where an amphibolite rock had been drag-folded and sheared on a minor scale. This structural environment is excellent for ore deposition but the structures located to date are far too small to have any economic potential. No work was done in this general area during 1963 although the potentialities of the overburdened sections are by no means exhausted.

The exploration work completed during 1963 was concentrated on the south central claims where rusty zones or gossans were found during reconnaissance traversing in 1962. The rusty zones occur on the intrusive side of the contact between the metamorphosed sediments and the noritic Tomrose Intrusive. Small amounts of copper, nickel and platinum occur in the gossan zones. In order to explore systematically, picket lines were cut and prospecting and trenching undertaken. Several zones of low-grade copper and nickel were located, opened up, and appraised. The copper-nickel ratio averages about 1 to 1 and platinum and palladium values were present in every sample tested. The average tenor of the mineralization found was under 1% combined copper and nickel but wherever higher grade material occurred, the platinum and palladium values rose sharply. The mineralization invariably occurred in a norite or a blue quartz diorite and the general similarity to copper nickel mineralization in the Sudbury Basin was appreciated. Polish section studies resulted in the positive identification of the following minerals: pyrrhotite, chalcopyrite, pentlandite and minor quantities of magnetite and ilmenite. The sulphides are interstitial to the silicate minerals but appear to have crystallized at about the same time. The pentlandite occurs as fine grained inclusions and as vein-like fillings of minor fractures within the pyrrhotite.

The copper nickel mineralization was usually located on the edges of outcrops. Diamond drill probing of the adjacent overburdened areas showed that in some instances the sulphide mineralization was extensive for sulphides were found over continuous core lengths of up to 50 ft. None of the drill cores contained sulphide mineralization of ore grade except over very short core length. Several of the known gossan zones and areas of copper nickel mineralization could not be investigated either by surface trenching or by diamond drilling during 1963 and the appraisal of these zones should be one of the first tasks undertaken during the 1964 season.

Conclusions and Recommendations

Copper nickel mineralization of below ore grade but of reasonable extent has been found on the Tomrose property within a complex "norite type" of basic intrusive which is believed to underlie several square miles of Crerar Township. There are several points of similarity between the rocks and mineralization of the Tomrose property and of the Sudbury Basin and this, quite naturally, suggests that there are possibilities of finding economic quantities and grades of copper nickel ore on the Tomrose property. Therefore the Company should persist with its policy of searching for copper nickel mineralization, particularly on its eastern and southwestern claims and, as in past years, the Company should continue its reconnaissance prospecting followed by staking wherever and whenever it seems advisable to do so.

The methods of mineral search used in the past (prospecting, line-cutting, self potential survey, trenching and diamond drilling) should be continued as the methods have found copper-nickel mineralization in large bodies although the grade is far below the minimum economic requirements. The problem facing the Company is to find the sulphide mineralization in economic concentrations and it is certain that any economic concentration existing on the property will be 95% or more covered by overburden. The cost of drill testing each potentially valuable overburdened area is prohibitive and the Company can gainfully employ techniques which allow an assessment of over-burdened areas. In addition to geophysical survey methods which have already been considered and to some degree employed on the property, the Company should consider exploring its overburdened areas by geochemical methods.

Two geochemical methods and two soil sampling techniques should be tried on the Tomrose property. The one method is the Cold Extractable Metals method which gives a crude quantitative measure of the total extractable metal present in the sample. The method is a "gross" measuring technique, best suited to prospecting, and anomalous conditions are frequently found which are due to metals being dissolved and re-precipitated by circulating ground water. The Cold Extractable Metal method is most useful in testing soil samples of the type commonly called "stream sediments". These samples are collected along flowing streams, water seepages and natural drainage courses, and if the water course drains an area wherein a metallic deposit is located, some evidence of the deposit can often be found by testing the stream sediments geochemically. This technique might prove very useful on the Tomrose property where several of the known fault zones are natural drainage courses.

The second geochemical technique which warrants testing is the Mercury Halo method. It is best adapted to a grid type of survey and since the dissemination of the mercury in the soil is dependent on vapour pressure laws rather than on solution laws, any anomaly found should lie vertically above the ledge outcrop of the mineralization. The mercury method attempts to measure the extremely minute quantities of mercury that are thought to be ubiquitous with all hydrothermal sulphide mineralization.

The technique measures the mercury in terms of parts per billion and reproducible results depend upon extreme care and rigid control during processing. However, a good mercury anomaly would be an excellent diamond drill target.

There are several specific exploration targets which should be attacked during the coming field season.

1. The gossans and fault zones on claims T53159, T53158 and T53155 require investigation.
2. Similarly the gossans on the southwesternmost claims require investigation.
3. The central group of claims (Con. V., Lots 6, 7 and 8) contains several strong fault linears and much low swampy ground. Because of the overburden this area is virtually unexplored. A preliminary geophysical and/or geochemical survey of these claims should be made in order to obtain some measure of their mining potential.
4. Approximately 4,000 feet of diamond drilling will bring the 37 claims of the Tomrose property to lease. Some of this footage will be required during the coming season in order to meet assessment work requirements and there are drill targets available in the area explored during the past field season.

Cost Estimates

1.	Surface prospecting: 2 men for 3 months including supplies	\$ 3,000.00
2.	Line-cutting: 25 miles @ \$40.00 per mile.....	1,000.00
3.	Trenching, sampling, assaying, supplies etc. 2 men for one month	3,000.00
4.	Geophysical surveys: self-potential electro-magnetic and magnetic	3,000.00
5.	Geochemical prospecting and surveying	<u>2,000.00</u>
		\$ 12,000.00

Diamond drilling:

As required for exploration and/or assessment work - to bring claims to lease - 4,000 linear feet at \$3.00 per foot.....	<u>12,000.00</u>
	\$ 24,000.00

Contingency allowance - travelling expense, government fees, general corporate expenses	<u>6,000.00</u>
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TOTAL \$ 30,000.00

My report is respectfully submitted,

"H. G. Harper"

H. Grant Harper, F.G.A.C., P.Eng.
Economic Geologist

Willowdale, Ontario
March 10th, 1964.

C E R T I F I C A T E

I, HUGH GRANT HARPER, of Metropolitan Toronto, in the Province of Ontario, certify as follows with respect to my report entitled Tomrose Mines Limited, Crerar Township Property, March 10th, 1964:

1. I am a practising economic geologist carrying on business as

H. Grant Harper, P.Eng.,
314 Hendon Avenue,
Willowdale, Ontario.

2. I graduated from the University of Toronto with the degree of B.A.Sc., 1950 and M.A.Sc., 1951 and have been engaged in my profession for over ten years. I am a Fellow of the Geological Association of Canada, a Member of the Ontario Association of Professional Engineers registered in the Mining Branch, a Member of the Canadian Institute of Mining and Metallurgy, and a Member of the Board of Trade of Metropolitan Toronto.
3. I have no direct or indirect interest whatever nor do I expect to receive any in the properties or securities of Tomrose Mines Limited.
4. My report is based on personal examination of the property and a logging of drill cores as outlined in the body of my report.

"H. G. Harper"

H. Grant Harper, F.G.A.C., P.Eng.
Economic Geologist

Willowdale, Ontario,
March 10th, 1964.

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AMENDMENT TO PROSPECTUS

TOMROSE MINES LIMITED

1764

The Prospectus of the Company is amended by adding the following new paragraphs:

1. Paragraph 24 -

By Agreement dated September 1st, 1964, with Falconbridge Nickel Mines Limited (hereinafter referred to as "Falconbridge") the Company granted to Falconbridge an exclusive option to enter all the mining claims owned by the Company (which claims are enumerated in Clause 11 (a) and 11 (c) of this Prospectus) and carry on exploration work. Falconbridge has agreed to expend \$6,500.00 on such exploration work in the first year of the Agreement ending September 1st, 1965. At the end of the first year Falconbridge has the option to undertake exploration work for a further one year period and if it exercises this option it must expend \$23,500.00 on exploration work on or before September 1st, 1966.

2. Paragraph 25 -

The Agreement further provides that if Falconbridge expends the money on exploration as contemplated in paragraph 24 it may on or before September 1st, 1966 cause a new company to be incorporated with an authorized capital of 3,000,000 shares which company shall purchase the mining claims set out in paragraphs (a) and (b) of this Prospectus for the following consideration:

- (a) the allotment and issue by the new company of 750,000 fully paid and non-assessable shares of its capital of which 300,000 shares are to be allotted and issued to the Company and 450,000 shares are to be allotted and issued to Falconbridge;
- (b) the Agreement of the new company to enter into an agreement which provides for the sale to Falconbridge of five (5) shares for every dollar expended by Falconbridge on exploration prior to incorporation with the sale price to be one cent per share on each share so allotted.

In addition, Falconbridge is to have the exclusive option for a period of four years after incorporation to purchase the remainder of the authorized capital (not issued in the manner set out in (a) above) for the price of 20 cents per share.

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3. Paragraph 26 -

The Agreement further provides that in the event that the new company is incorporated as set out in paragraph 25, the Company shall have the right to purchase from Falconbridge for 20 cents per share up to 25% of the shares in the new company which have been purchased by Falconbridge for 20 cents per share under its option with the new company provided that the Company shall not thereby acquire a greater than 25% interest in the new company.

4. Paragraph 27 -

The Agreement further provides that Tomrose shall deliver to Falconbridge duly executed transfers to Falconbridge of its mining claims as set out in clause 11 (a) and 11 (c) of this Prospectus. If the working option given to Falconbridge is terminated for any reason other than the exercise of the incorporation option, Falconbridge agrees to reconvey the mining claims aforementioned in good standing and further agrees to furnish to the Company the complete results of its exploration work.

5. Paragraph 28 -

There is no present intention that such new company incorporated pursuant to the terms of this agreement be financed by public subscription.

6. Paragraph 29 -

The Company having decided that for protection purposes it would be advisable to acquire additional mining claims adjoining to or nearby the said property optioned to Falconbridge Nickel Mines Limited and accordingly the Company has acquired by contract staking eighteen (18) additional mining claims situated in the Township of Crerar, in the District of Nipissing, Timiskaming Mining Division being mining claims Nos. T54890 to T54898 inclusive and T55000 to T55008 inclusive.

The foregoing together with the Prospectus dated the 15th day of May, 1964 and the Amendment to Prospectus dated the 4th day of August, 1964, constitutes a full, true and plain disclosure of all material facts in respect of the offering of securities referred to above as required by Section 38 of The Securities Act (Ontario) and there is no further material information applicable other than in

the Financial Statements or reports where required.

DATED at Toronto this 11th day of November, A.D. 1964.

"Hector Durwood Tomlinson"

Hector Durwood Tomlinson

"Ellison George Baker"

Ellison George Baker

"Rosetta May Tomlinson"

Rosetta May Tomlinson

"George Cambell"

George Cambell

"Donald Clifford Pace"

Donald Clifford Pace

PROMOTER

"Hector Durwood Tomlinson"

Hector Durwood Tomlinson

C E R T I F I C A T E

To the best of our knowledge, information and belief the foregoing together with the Prospectus dated the 15th day of May, 1964 and the Amendment to Prospectus dated the 4th day of August, 1964 constitutes a full, true and plain disclosure of all material facts in respect of the offering of securities referred to above as required by Section 38 of The Securities Act (Ontario) and there is no further information applicable other than in the Financial Statements or reports where required. In respect of the matters which are not within our knowledge, we have relied upon the accuracy and adequacy of the foregoing.

DATED at Toronto this 12th day of November A.D. 1964.

TOM & BARNT

By: "A. H. Barnt"
Underwriter Optionee

