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Summary Report on  
Past Exploration and  
Mining Development  
and  
Recommendations.

1974

GATEFORD MINES LTD.

TECK AND OTTO TOWNSHIP PROPERTY

ONTARIO

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

March 21, 1974.

GATEFORD MINES LIMITED  
TECK AND OTTO TOWNSHIPS PROPERTY  
ONTARIO

INTRODUCTION

This is a report on a group of mining claims which include the mine workings of two gold mines which operated many years ago. The purpose of this report is to summarize the exploration and mining development data available from the early period of exploration and production, to analyze this data in the light of modern exploration techniques, and to recommend a program of re-examination.

This report is based on the following sources of information:

1. Thomson, J.E., Geology of Teck Township and the Kenogami Lake Area, Kirkland Lake Gold Belt, Volume 57, Part 5., 1948.
2. Sundry Engineering reports to the Company and its predecessors by the following persons:  
G.L. Holbrooke, P.Eng.  
E.H. Orser, Mining Engineer,  
E.W. Todd, Consulting Geologist,  
D.K. Burke, P.Eng.  
Richard Murphy, Consulting Geologist.
3. Various maps, plans and sections of underground workings and diamond drill holes from the Company files. This data is not complete.
4. Discussions with Mr. E.C. Deloye, Graduate, Haileybury School of Mines and retired (after 40 years service) electrical superintendent at the Lakeshore Mine, Kirkland Lake. Mr. Deloye is the vendor of some of the claims herein reported and has followed their exploration history for nearly half a century.

5. I have been on this property on several occasions and have examined parts of it. However, because of the extent of the underground development, a surface examination is of little use in preparing a report on the property. Therefore the bulk of the information herein is garnered from the sources outlined above.

PROPERTY AND LOCATION

The property straddles the boundary between Teck and Otto Townships near their western limits. Much of the claim area underlies the town of Swastika. The property consists of two parcels - a western parcel of 8 claims separated from the eastern parcel of 29 claims by a distance varying from 1/4 to 3/4 of a mile. The two properties total about 1350 acres and are held in fee simple, under claim staking regulations, mining locations, and licenses of occupation. The claim titles were not searched.

The properties are described as follows:

West Group - 8 unpatented mining claims.

L 97221, L 97222,  
L 94175 to L 94180 inclusive.

East Group - 29 claim equivalents.

The East group contains the following unpatented mining claims:

L 317495, L 317496,  
L 341215, L 341216,  
L 317480,  
L 97223, L 97224,  
L 99167 to L 99170 inclusive.

All of the above claims have had sufficient work done on them to bring them to Mining Lease except for the following claims:

L 317495, L 317496,  
L 317480,  
L 341215, L 341216.

The following patented mining claims are included:

L 16477,  
 L 16480,  
 L 1385,  
 L 9759, L 9760,  
 L 9591, L 9592,  
 L 12088,  
 L 2692,  
 L 2696, L 2697,  
 L 12619,  
 L 16252,  
 L 16523,  
 Mining Location A.

The following Licenses of Occupation are included:

L 32236 to L 32238 inclusive.

The properties are recorded on Claim Maps M392 and M379, Townships of Teck and Otto respectively, Larder Lake Mining Division, Ontario.

#### ACCESS & FACILITIES

Much of the property is crossed by Highway 66 and the Town of Swastika, Ontario partly overlies the property. The property is also crossed by the Northern Ontario Natural Gas pipeline, a Hydro Electric Power Commission transmission line, and the Ontario Northland Railway.

Facilities on the property are quite limited. The Golden Gate shaft is open and contains a pipe to the bottom which can be used for de-watering. The Crescent shaft is covered by a small head frame in poor repair. There are two frame buildings on the property useful for storage only.

#### HISTORY AND DEVELOPMENT

The properties of Gateford Mines Limited have a long

and varied mining history. The present property consists of three sections: The Golden Gate, the Crescent Kirkland, and the Trout Creek or Sahtram mine. Gold was first discovered on the property in 1910 and the first production was won in 1913.

Most of the development has been done in two sections about 3,000 feet apart and referred to as the Golden Gate and Crescent sections. The Golden Gate area is the more important and has been developed and mined intermittently from 1913 to 1942 with considerable diamond drilling, both surface and underground, particularly in the mine area. On the Crescent section a fair amount of work was done between 1910 and 1922 when the property was closed. It was reopened by the present company in 1940 and closed again in 1948. The following table shows the development completed on each section to date.

	<u>Drifting</u>	<u>Crosscutting</u>	<u>Raising</u>	<u>Drilling</u>
Golden Gate	6,623'	9,153'	4,055'	44,600'
Crescent	4,079'	6,484'	982'	30,672'

Both shafts are standard three-compartment vertical openings with levels established at the depths indicated below.

<u>Golden Gate Levels</u>	<u>Crescent Levels</u>
200'	100'
300'	200'
475'	300'
600'	400'
725'	525'
975'	650'

A small percentage of the Crescent work was done from an adit 1,500' southwest of the shaft where a series of flat lying veins were explored and partially mined.

Development on the Sahtram property consists of a shaft and 200 feet of lateral work on the 76 foot level. This shaft, sunk in 1928, now has a cement cap.

While the mines were operating, <sup>a</sup> considerable amount of surface and underground drilling was completed. Since then very little has been done.

In 1945 Toburn Gold Mines Limited drilled 16 holes on the Sahtram property. In 1950, 9 holes totalling 5,658 linear feet were drilled on the Golden Gate and Crescent properties. All of this drilling was E sized core and recovery was low, particularly in the faulted vein sections.

#### PRODUCTION

Most of the production has been since 1937 when the mill was started on the Golden Gate section. Operations were suspended in 1942 but the mill operated a few months in 1947, on ore from the Crescent section. The following table shows the production and tonnages treated.

	<u>Golden Gate</u>		<u>Crescent</u>	
Prior to 1922	\$ 14,006	from 2,500 tons	\$11,457	from 2,190 tons
1933-37	7,518	" 286 "		
1936	167,759	" 11,090 "		
1939	267,335	" 23,753 "		
1940	261,861	" 25,481 "		
1941	169,218	" 18,881 "	45,129	" 4,900 "
1942	67,001	" 6,959 "	6,848	" 1,365 "
1947			42,507	" 6,288 "
1943-44	2,340	clean up		
<b>TOTAL</b>	<b>\$957,038</b>	<b>from 88,887 tons</b>	<b>\$109,947</b>	<b>from 14,743 tons</b>

The total production figures are taken from government records but for 1941 and 1942 there is some confusion as to the proportion supplied by the Crescent section.

It should be noted that the production prior to 1922 was at the \$20.67 rate for gold. It is seen that the average recovery from the Golden Gate section is 0.31 oz. per ton and from the Crescent section 0.21 oz. per ton. The average for both is 0.29 oz. per ton. In this connection a considerable quantity of very low grade material was milled from the experimental taking down of backs, particularly in the Crescent section.

Production from the Sahtram property is limited to one ton of ore shipped in 1931 and valued at \$1662, presumably at the price of \$20.67 per ounce of gold.

#### GENERAL GEOLOGY

The general geology of the area and the property herein reported are thoroughly covered by J.E. Thomson's memorable report on Teck Township and <sup>the</sup> Kirkland Lake Ore Zones.

It is the manner in which the rich gold veins of the Kirkland Lake Fault terminate at the west end of the camp that has posed an enigma for the exploration geologist.

The Kirkland Lake Fault and its associated gold veins strike southwesterly through Teck Township until a N-S trending cross fault called the Amikougami Creek Fault is encountered. Now it is well known that the Kirkland Lake Fault has lost its near surface gold values long before it reaches the cross fault, but recent work by Macassa Mines has found excellent deep seated gold values on the Tegren property quite close to the cross fault but on the east side of it. The enigma is - are there gold values related



to the Kirkland Lake Fault or a sister structure west of the Amikougami Creek Fault? And if so, where? There are several possibilities none of which can be proven. First, the Kirkland Lake Fault may not be offset by the Amikougami Creek Fault but may terminate against it and the fault west of the Amikougami Creek Fault may be contemporary and structurally similar to the Kirkland Lake Fault but not an integral part of it. Second, many believe that the westward extension of the Kirkland Lake Fault crosses the Kirkland Gateway property. If so, this would mean that the Amikougami Creek Fault has a left hand displacement of 800 to 1000 feet. This theory fits the geology best but diamond drilling, albeit shallow, on the Kirkland Gateway property has not located significant gold values. The third possibility stems from the fact that the only significant gold bearing zones west of the Amikougami Fault, namely those on the properties of Gateford Mines Limited, are associated, spatially at least, with tear fault zones and their subsidiary structures that are similar in many respects to the Kirkland Lake Fault and its subsidiary structures. These faults lie 4500 and 7000 feet south of the break generally regarded as the westward extension of the Kirkland Lake Fault. These faults, so called Amalgamated Kirkland-Blanche River Fault and the more southerly Vigrass Lake Fault have long been regarded as a part of the favourable Larder Lake-Malartic Cadillac Break which

has gold associated with it for a length of at least 150 miles. Very little exploration has been done on these structures in the vicinity of Western Teck and Otto Townships and the Kenogami Lake Area. Some drilling of the Blanche River Fault was done on the Sahtram property on both sides of the Amikougami Creek Fault but core recovery was poor. At the extreme west end on the property of Baldwin Consolidated Mines Limited, a short drill hole crossed the fault (Larder Lake Fault) underlying the Blanche River. Strong shearing, carbonatization, silicification and mineralization including several low gold values were intersected.

The rocks of the area consist of a basal group of ancient and altered lava rocks called <sup>the</sup> Keewatin Series. These were followed by conglomerates, tuff beds, agglomerates, etc., now well metamorphised called the Timiskaming Series. These rocks were intruded by a series of stocks bearing in composition from gabbro to diorite to quartz porphyry to syenite. The final phase of rock formation was the intrusion of diabase dikes.

The major strike faults of the area and the formations strike E-W and dip steeply to the south. The gold bearing veins frequently bevel the formation by dipping nearly vertically or even, as at the Golden Gate Mine, steeply to the north.

ECONOMIC GEOLOGY

Stated with maximum simplicity the general rules for the location of gold ore bearing structures in the Kirkland Lake Area are:

1. Ore occurs in the strike fault zones and branches thereof and not in the cross faults which are post-ore in age.
2. Structure rather than rock type is the dominant control in ore deposition and ore bodies have been located in almost all of the rock types in the Kirkland Lake Camp although syenite porphyry is almost always present somewhere in the vein zone.

In the Kirkland Lake Camp the gold occurs in quartz veins and stringer zones which have a close spatial relationship to strike faulting and/or shearing. Carbonate alteration is common. Vein mineralization is predominately pyrite (sometimes very strong in hygrade sections) and lesser amounts of chalcopyrite, galena, molybdenite and specularite. Native gold and tellurides are quite common. The gold to silver ratio varies from about 4 to 8 of gold to 1 of silver. Therefore the silver content is an economic consideration today.

On the Gateford Mines Limited property there are several important exploration targets warranting testing. In planning an exploration program today one should consider the limitations on exploration imposed by the technology of the past. The last work on the Gateford property was done in 1951 and the core drilled was "E" core. Core recovery was frequently poor particularly in the sheared and broken

ground near strike faults which is the usual environment for gold bearing structures in the general area. By drilling the larger diameter core commonly recovered today, core recovery can be improved. In addition one should be prepared to take the time and bear the expense of collecting sludge samples.

#### Fault Zone Drill Targets

The fault zone targets are wild cat drill targets of great potential. Three of these faults cross the Gateford property. They are:

1. The Blanche River Fault
2. The Larder Lake Fault.
3. The Vigrass Lake Fault.

The most important, of course, is the Larder Lake Fault because of its known association with mineable gold structures several miles east of the Gateford property. Furthermore, its line of strike passes <sup>through</sup> favourable syenite porphyry rocks some 1000 feet north of the Golden Gate shaft. However, in this area exact relationships are confused by the diagonal fault which runs up the west shore of Otto Lake and then seems to curve to join with the Larder Lake Fault. The Larder Lake Fault Zone should be explored by drilling on claims L 317496, L 317480 and L 341216 where valuable exploration work can be combined with assessment work requirements.

The Vigrass Lake Fault is the least explored of the

Fault Structures. South of the Crescent Mine, in the Adit Zone on the Gateford property, some gold was recovered from flat veins lying about 200 feet north of the Vigrass Lake Fault. Near this zone, the Vigrass Lake Fault has been diamond drilled.

Although the ground between the Golden Gate and Crescent Mines has been probed by widely spaced drill holes, the bulk of the area remains unexplored. The main ore control in the Golden Gate is the "A" Fault Zone, a south-westerly striking structure which dips southeast at about 45 degrees. No significant amount of ore has been found below the "A" Fault which is marked by a mud seam. Although a positive linkage has not been established, the "A" Fault is generally correlated with the Shaft fault at the Crescent Mine and should therefore be a "Diagonal" fault. The productive veins occur in the hanging wall of the "A" Fault, strike parallel to it but dip about 60 degrees northwest and terminate against the fault. Exploration below the "A" Fault is minimal being mostly confined to the underground workings on the 725 and 925 foot levels. It is necessary to note that the "A" Fault lies in the hanging wall of the Larder Lake Fault some 1600 feet horizontally to the south. Obviously the ground between the "A" Fault and the Larder Lake Fault warrants exploration, especially close to the Larder Lake Fault where the latter is cutting a syenite porphyry intrusive.

The Golden Gate vein system lying in the hanging wall of the "A" Fault zone is known for a strike length of about 800 feet and individual veins occur over a horizontal width of about 300 feet. The system had its maximum development with respect to tonnage and grade between 200 and 400 feet below surface. The strike extensions of this vein system, amounting to some 3500 linear feet in all have not been drilled in detail. Two holes are recorded to the southwest of the Golden Gate workings, none to the northeast. Careful geophysical surveying may be able to trace the "A" fault zone and directed drill holes could then be spotted to intersect the favourable horizons. This might also clear up once and for all doubt respecting the correlation of the "A" Shaft faults.

The drill program completed in 1951 consisted of some 9 holes which were widely scattered over the property. Two of these, S 111 and S 112 located modest gold values well removed from any previously known gold occurrence. The two holes are 500 feet apart and further testing of this area is recommended.

#### CONCLUSION AND RECOMMENDATIONS

1. The tenor of the ores mined and milled and the Crescent and Golden Gate Mines was 0.20 ounces and 0.30 ounces of gold respectively and under present conditions gold mineralization of this grade is of economic interest when located within reasonable trucking distance of operation gold mills as is the case with the Gateford properties.
2. In order to meet assessment work requirements due in August and October of 1974, some 700 feet of drilling is required on 5 claims located at 2 different locations. This assessment work can

be done to good exploration advantage by drilling across the Larder Lake Fault and by exploring the "A" Fault zone along its strike northeast of the Golden Gate Mine Workings.

3. Preliminary exploration should consist of detailed geophysical exploration employing a Proton Magnetometer and possibly other geophysical tools, along strike in both directions from the Golden Gate Mine Workings. The purpose of this work is two-fold: first to trace the "A" Fault and other strike faults to the northeast and southwest and second to determine rock types, specifically syenite porphyry, in overburdened areas.
4. A thorough study of the mine plans and sections should be undertaken with a view to de-watering the Golden Gate Mines to possibly the 600 foot level. If due consideration indicated the advisability of de-watering then a two-fold underground exploration can be crudely envisaged at this time. First, de-watering would permit follow-up work on any vein intersections located during the surface drill program. Second, underground drilling could explore the footwall of the porphyry mass which lies beneath the "A" Fault. The size of this geologically favourable area is unknown and the environment has never been tested. It is reasonable to anticipate that the detailed study of the mine plans and sections recommended above will reveal more precise exploration targets.

#### COST ESTIMATES

##### Phase I

The following work program is firmly recommended and can be carried out to best advantage immediately after break-up.

- |   |             |
|---|-------------|
| 1. Geophysical Phase: line cutting,<br>Proton mag survey, etc.                                      | \$ 5,000.00 |
| 2. Assessment drilling and preliminary<br>testing of Larder Lake Fault<br>700 linear feet at \$9.00 | 6,300.00    |
| 3. Drilling along strike of Golden Gate<br>Vein System<br>1800 linear feet at \$9.00                | 16,200.00   |

4. Detailed engineering study of Golden Gate and Crescent mine plans and sections, general supervision of drilling, sampling, assaying and contingencies

5,000.00

\$ 32,500.00

Phase II

This phase is contingent on the studies carried out under Phase I. It is recommended that the Company consider the adviseability of de-watering the Golden Gate Mine to the 600 foot level with a view to underground exploration and evaluation programs. The following are cost approximations and not working cost estimates.

De-watering, collar repair, services	\$ 50,000.00
Sampling, mapping, assaying, underground diamond drilling,	<u>50,000.00</u>
	<u>\$100,000.00</u>

My report is respectfully submitted.

*H. G. Harper.*

Willowdale, Ontario  
March 21, 1974.

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



CERTIFICATE

I, HUGH GRANT HARPER, of Metropolitan Toronto, in the Province of Ontario, certify as follows with respect to my report on the Teck and Otto Townships Property of Gateford Mines Ltd., dated March 21, 1974.

1. For over ten years I have been practising as an independent 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 since that time. 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 interest, nor do I expect to receive any, either direct or indirect, in either the property or securities of Gateford Mines Ltd.
4. I have been on this property on several occasions and have examined parts of it. However, because of the extent of the underground workings (now flooded) a surface examination would serve no useful purpose. Therefore the bulk of the information herein is garnered from the sources outlined in the body of my report.

*H.G. Harper*

Willowdale, Ontario.  
March 21, 1974.

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



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Prospectus.

1974

Gateford Mines Ltd.

Teck & Otto Taps.

PROSPECTUS dated 29 March, 1974

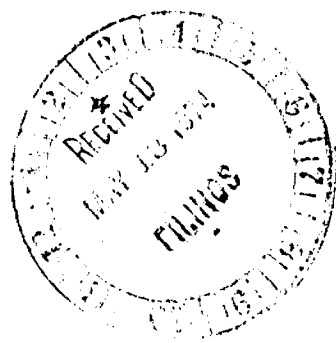
TECK TWP.

NO SECURITIES COMMISSION OR SIMILAR AUTHORITY IN CANADA HAS IN ANY WAY PASSED UPON THE MERITS OF THE SECURITIES OFFERED HEREUNDER AND ANY REPRESENTATION TO THE CONTRARY IS AN OFFENCE.

63,3165  
COMMISSION

GATEFORD MINES LIMITED  
Suite 1402, 390 Bay Street  
TORONTO, Ontario

NEW ISSUE



**OFFERING:** The Company is offering hereunder up to 500,000 treasury shares. These shares will be sold, paying normal brokerage commission through registered securities dealers, at the market price from time to time, on a best efforts basis with a minimum net return to the Company of 19 cents per share. (SEE HEADING - THE OFFERING - PAGE 6) The proceeds received by the Company from the sale of treasury shares hereunder will be held in trust by the Company's registrar and transfer agent until a minimum net sum of \$39,000 has been received or for a period of 90 days, whichever occurs first. In the event of failure to receive a net sum of \$39,000, all monies received on behalf of the Company shall be returned without deduction to the Subscribers.

**PURPOSE**

**OF ISSUE:** The purpose of this offering is to raise funds to cover the cost of the Company's proposed preliminary exploration programme on its properties and for general operating expenses. (SEE HEADING - HISTORY AND BUSINESS and USE OF PROCEEDS - PAGES 5, 6)

**SECONDARY OFFERING:**

In the event of all the above mentioned treasury shares being sold to the public, Brewis & White Limited, (the selling shareholder) will offer, 90 days after completion of the above offering, through registered securities dealers, 100,000 shares, the proceeds of which will not accrue to the Company. (SEE HEADING - PRINCIPAL HOLDERS OF SHARES - PAGE 9)

**THE SHARES OF THE COMPANY ARE SPECULATIVE SECURITIES.**

THE SHARES OF THE COMPANY TRADE OVER-THE-COUNTER IN TORONTO AND IN THE THREE MONTHS PREVIOUS TO THE DATE OF THIS OFFERING THE SHARES HAVE TRADED IN THE RANGE OF 2 CENTS TO 25 CENTS PER SHARE,

**REGISTRAR & TRANSFER**

**AGENTS:** THE CROWN TRUST COMPANY, 302 Bay Street, TORONTO, Ontario.



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# Gateford Mines Limited

## HISTORY AND BUSINESS

Gateford Mines Limited (hereinafter called the "Company") was incorporated as a public company under the Laws of the Province of Ontario by Letters Patent dated July 30, 1934, in the name of Golden Gate Mining Company Limited (with capital of \$3,000,000 divided into 3,000,000 common shares with a par value of \$1.00 per share). By Supplementary Letters Patent dated July 11, 1940, the Company's capital was increased to 5,000,000 shares of \$1.00 par value per share. By Supplementary Letters Patent dated November 7, 1946 the name of Golden Gate Mining Company was changed to Kirkland Golden Gate Mines Limited on a 1 new for 2 old share basis and the authorized capital was increased to 3,000,000 common shares of \$1.00 par value each.

By Supplementary Letters Patent dated June 2, 1947, the capital was increased from 3,000,000 to 4,000,000 shares of \$1.00 par value each.

In June 22, 1948 by Supplementary Letters Patent the capitalization of Kirkland Golden Gate Mines Limited was further increased to 5,000,000 shares of \$1.00 par value.

By Supplementary Letters Patent, dated 8, August, 1950, the name of Kirkland Golden Gate Mines Limited was changed to Gateford Mines Limited on a 1 new for 10 old share basis and the capital of the Company increased to 2,500,000 shares of \$1.00 par value each.

By Amendment of Articles of Incorporation dated March 22, 1974, the authorized capital of Gateford Mines was increased from \$2,500,000 to \$5,000,000 (consisting of 5,000,000 common shares without par value).

The Company was incorporated to engage in the acquisition, development and operations of mines, mineral lands and deposits. Both the Head Office and the principal office of the Company are located at Suite 1402, 390 Bay Street, TORONTO, Ontario.

### TECK & OTTO TOWNSHIP, Larder Lake Mining Division, Ontario

In June 1940 the Company acquired its original property from Kirkland Gateway Gold Mines Ltd. for 1,350,000 shares of its original Company (Golden Gate Mining Company Limited, hereinafter called "Golden Gate") and at the same time acquired the assets of Crescent Kirkland Gold Mines Limited (hereinafter called "Crescent") for 500,000 original

shares. The property, a former gold producer, consisted of 23 patented claims, 820 acres in extent, 4 miles south west of Kirkland Lake town-site, Teck Township, Northern Ontario. On the Golden Gate section there is an incline shaft to 350 feet with 3 levels and a main 3 compartment vertical shaft to 1,000 feet with 6 levels. On the Crescent section is a shaft to 663 feet with 6 levels.

Of the above mentioned claims, only the following patented claims are retained (all others have been allowed to drop over the years for non-payment of taxes):-

Licenses of Occupation L32236 to L32238  
Patented Mining Claims L9759, L9760, L9591,  
L9592, 112088, L2692,  
L2696, L2697, L12619,  
L16252, L16523  
&Mining Location A

All the above are in goodstanding and would only be subject to forfeiture due to non-payment of taxes.

By an Agreement dated February 5, 1974, between Mid-North Engineering Services Limited (Mid-North) and the Company, the Company has acquired 19 unpatented claims as follows:

L31749, L317496, L341215, L341216, L317480  
all of which will require work to be done to  
maintain their standing by Mid-June, 1974  
L97221-L97224 )  
L99167-L99170 ) All of which are capable of  
L99175-L94180 ) being brought to lease before 1976  
and are presently on extension

And further 3 patented claims namely:

L1385 ) All of which are in good standing  
L16480 ) and would only be subject to forfeiture  
L16477 ) due to non-payment of taxes

Under the terms of the agreement of February 5, 1974, and an amending agreement of April 3, 1974, the consideration is as follows:

- (a) \$10.00 payable forthwith on signing of the agreement
- (b) 500,000 shares of the capital stock of the Gateford Mines out of which 250,000 shares will be used to satisfy the staker, Mr. Ernest C. DeLoye of Kirkland Lake, Ontario, subject to the approval of shareholders and the regulatory bodies having jurisdiction

Mid-North acquired the property by an agreement dated July 30, 1973, attached as Appendix A to the aforementioned agreement dated February 5, 1974. By this agreement, Mid-North will receive 250,000 shares of the Company above its cost.

The following is a summary of a report to management by H. Grant Harper, F.G.A.C., P. Eng., whose full report dated March 21, 1974, is available in the public file of the Ontario Securities Commission.

The property is crossed by Highway 66 and the town of Swastika partly overlies the property. There are very limited buildings in the property at the present time which would require considerable rehabilitation should the proposed exploration warrant further development. The Golden Gate shaft contains a pipe to the bottom which could possibly be used for de-watering.

The present property should be considered in three sections: The Golden Gate, the Crescent Kirkland and the Trout Creek or Sahtram Mine. Gold production has been won from all three sections, with the most significant being from the Golden Gate and the Crescent Kirkland from which some 100,000 tons of rock were treated of which roughly 89% came from Golden Gate. Average recovery per ton from Golden Gate was 0.31 ounces of gold per ton and from Crescent 0.21 ounces per ton. The average from both being 0.29 ounces per ton.

The rich gold veins of the Kirkland Lake Fault have always posed a question as to if and how they extend to the west of the camp. Excellent deep sealed gold values on the Tegren property, however, have been located by Macassa just east of the Gateford property and west of main Kirkland camp.

On the Company's property much of the exploration work of diamond drilling has been relatively close to the known gold bearing zones and at the relatively shallow depth of 200 to 400 feet. A drill program of 9 holes drilled in 1951 were scattered widely across the property-- Two of the holes located modest gold values well removed from any previously known gold occurrence the holes were 500 feet apart.

It is recommended that:

- (1) The tenor of the ores mined and milled at the Crescent and Golden Gate Mines was 0.20 ounces and 0.30 ounces of gold respectively and under present conditions gold mineralization of this grade is of economic interest when located within reasonable trucking distance of operating gold mills as is the case with the Gateford properties.
- (2) In order to meet assessment work requirements due in August and October of 1974, some 700 feet of drilling is required on 5 claims located at 2 different locations. This assessment work can be done to good exploration advantage by drilling across the Larder Lake Fault and by exploring the "A" Fault zone along its strike northeast of the Golden Gate Mine Workings.
- (3) Preliminary exploration should consist of detailed geophysical exploration employing a Proton Magnetometer and possibly other geophysical tools, along strike in both directions from the Golden Gate Mine Workings. The purpose of this work is two-fold: first to trace the "A" Fault and other strike faults to the northeast and southwest and second to determine rock types, specifically syenite porphyry, in overburdened areas.
- (4) A thorough study of the mine plans and sections should be undertaken with a view to de-watering the Golden Gate Mines to possibly the 600 foot level. If due consideration indicated the advisability of de-watering then a two-fold underground exploration can be crudely envisaged at this time. First, de-watering would permit follow-up work on any vein intersections located during the surface drill program. Second, underground drilling could explore the footwall of the porphyry mass which lies beneath the "A" Fault. The size of this geologically favourable area is unknown and the environment has never been tested. It is reasonable to anticipate that the detailed study of the mine plans and sections recommended above will reveal more precise exploration targets.

#### COST ESTIMATES

##### Phase I

The following work program is firmly recommended and can be carried out to best advantage immediately after break-up.



(1) Geophysical Phase: Line cutting Proton mag. survey, etc.	\$ 5,000.00
(2) Assessment drilling and preliminary test- ing of Larder Lake Fault 700 Linear feet at \$9.00	6,300.00
(3) Drilling along strike of Golden Gate Vein System 1800 linear feet at \$9.00	16,200.00
(4) Detailed engineering study of Golden Gate and Crescent mine plans and section, gen- eral supervision of drilling, sampling, assaying and contingencies	<u>5,000.00</u>
	<u><u>\$32,500.00</u></u>

Phase II

This phase is contingent on the studies carried out under Phase I. It is recommended that the Company consider the adviseability of de-watering the Golden Gate Mine to the 600 foot level with a view to under-ground exploration and evaluation programs. The following are cost approximations and not working cost estimates.

De-watering, collar repair, services	\$ 50,000.00
Sampling, mapping, assaying, underground diamond drilling	<u>50,000.00</u>
	<u><u>\$100,000.00</u></u>

It is proposed to carry out only Phase I in respect of this prospectus.

USE OF PROCEEDS

The Company proposes to spend the funds to be raised by the sale of up to 500,000 treasury shares at a minimum of 19 cents per share to carry out the recommendations of H. Grant Harper, F.G.A.C., P. Eng., the Company Consulting Engineer, as follows;

TECK TOWNSHIP PROPERTY

Geophysics	\$ 5,000
Drilling	22,500
General	5,000
Administrative Costs for one year	<u>3,600</u>
	<u><u>\$36,100</u></u>

Excess monies will form part of the general working Capital of the Company from which will be paid the expenses incidental to this offering which are estimated at \$2,500.00.

Monies will not be expended on any new properties acquired without an amendment to this Prospectus being filed and accepted if the securities of the Company are then in the course of distribution to the public. Monies in the Company's treasury will not be used to invest, underwrite, or trade in securities other than those that qualify as investments in which Life Insurance Companies, may, under the laws of Canada, invest their funds.

#### THE OFFERING

The Company will offer up to 500,000 treasury shares through registered security dealers at the market price, from time to time, on a best efforts basis, with a minimum return to the treasury of the Company of 75% of the proceeds received from the public from the sale of such shares; provided that the net proceeds to the treasury shall in no event be less than 19 cents per share. The Company will pay normal brokerage Commission to any registered security dealer selling the Company's shares as its agent.

The Company's Registrar and Transfer Agent, Crown Trust Company of Canada, 302 Bay Street, TORONTO, Ontario, will hold in trust all proceeds received for the account of the Company until a minimum net sum of \$35,000.00 has been received, or for a period of 90 days, whichever occurs first. In the event of a failure by the Company to receive at least \$39,000 net within a 90 day period from the date of acceptance by the Ontario Securities Commission of the prospectus, all monies received will be returned to the subscribers.

#### SECONDARY OFFERING

In the event of all the previously mentioned treasury shares being sold to the public, Brewis & White Limited will offer 90 days later through Registered Securities Dealers, 100,000 shares, the proceeds of which will not accrue to the Company. (SEE HEADING "PRINCIPAL HOLDERS OF SHARES").

Brewis & White Limited acquired the shares through a private purchase from Berens River Mines Limited at the time of their liquidation in 1956/57.

#### PURCHASER'S STATUTORY RIGHT OF RESCISSION AND WITHDRAWAL

The Securities Act, 1970, contains (Sections 64 and 65) certain provisions enabling a purchaser of securities offered in the course of primary distribution to rescind the contract of purchase:

- (a) while the purchaser is still the owner of the securities if the Prospectus and any amended Prospectus, at the date of receipt by the purchaser, contains an untrue statement of a material fact or omits to state a material fact in order to make any statement contained within 90 days from the last to occur of the receipt of the Prospectus or amended Prospectus or the contract of purchase: and
- (b) if the person or company from whom the securities were purchased is notified in writing or by telegraph of the purchaser's intent to rescind not later than midnight of the second day, exclusive of Saturdays, Sundays and holidays, after receipt by the purchaser of the Prospectus or amended Prospectus. A Prospectus or amended Prospectus sent by prepaid mail is deemed conclusively to be received in the ordinary course of mail. The receipt thereof by a person or company acting as agent or who thereafter commences to act as agent of the purchaser shall be receipt by the purchaser as of the date of the agent's receipt thereof; however, for purposes of the foregoing, a person or company is not considered to be acting as agents of the purchaser unless the person or company is acting solely as an agent of the purchaser and has not received and has no agreement to receive compensation from or on behalf of the vendor with respect to the purchase or sale. This right of rescission is not available to a registrant or to a purchaser who sells or otherwise transfers beneficial ownership of the securities purchased before the expiration of the time within which rescission may be effected.

#### MANAGEMENT

The names of the directors and officers of the Company and the positions presently held are listed below:

<u>Name and Address</u>	<u>Position with Company</u>	<u>Principal Occupation</u>
Arthur Walter White 72 Dunvegan Road, TORONTO, Ontario.	President & Director	Mining Executive, President, Dickenson Mines and Kam-Kotia Mines Ltd.
Harry Idris Miller, 1615 Bayview Avenue, Apt. 4, TORONTO, Ontario.	Vice-President & Director	Mining Executive, Vice-President, Brewis & White Limited
Howard S. Dolson, 505-346 The West Mall, ETOBICOKE, Ontario.	Secretary-Treasurer & Director	Accountant, with Mid- North Engineering Ser- vices
Edward B. Magee, Box 66, PORT COLBORNE, Ontario.	Director	Retired Marine Engin- eer, Building Con- tractor-Self employed

Harvey Vance White,  
879 Manning Avenue,  
TORONTO, Ontario.

Director

Mining Executive  
with Mid-North Engineer-  
ing Services Limited,  
previously with Burns  
Bros. & Denton Limited

Each of the above has held the principal occupation for the preceding five years.

The directors and officers of the Company, as a group, own 13.7% of the issued shares.

The management relies for engineering advice on the opinion of Mr. Keith J. Benner, P. Eng., who is the Company's Consulting Geologist.

#### REMUNERATION OF MANAGEMENT

Each director of the Company will be paid a fee of \$25.00 for each directors' meeting. No official will be paid a fee.

The Company has a management agreement with Mid-North Engineering Services Limited, Suite 1402, 390 Bay Street, TORONTO, Ontario, under which Mid-North has agreed to provide management, accounting and secretarial services, including office space at a cost of up to \$300.00 per month.

Stock options have been granted to active management and other employees for incentive purposes in the amount of 97,000 shares at 19 cents per share. The options terminate upon death or severance of employment except that the estate of an optionee may exercise such options up to six months following the date of death. Subject to the aforesaid, the options shall not be transferable or negotiable.

The options are exercisable until December 31st, 1975.

The minimum price per share to be issued by a Company's treasury was used to establish the price to be paid for the optioned shares. The market for the shares at the time of granting options was 10 cents bid to 25 cents offered.

#### PROMOTER

Mid-North Engineering Services Limited by reason of its ownership of 250,000 shares can be considered the promoter of the Company and is in a position to elect or cause to be elected a majority of the Directors of the Company and can be considered to have current control of the Company.

#### AUDITORS

The auditors of the Company are T. H. Bernholtz, Suite 804, 330 Bay Street, TORONTO, Ontario.

#### REGISTRAR & TRANSFER AGENT

The Crown Trust Company of Canada, 302 Bay Street, TORONTO, Ontario, is the stock registrar and transfer agent of the Company.

ESCROWED SHARES

At the present time, certificates representing 500,000 shares referred to below are held in escrow by Crown Trust Company, 302 Bay Street, TORONTO, Ontario, subject to release, transfer or other alienation only on the written consent of the Company and the Ontario Securities Commission.

An Escrow agreement exists.

<u>Designation of Class</u>	<u>No. of Shares held in escrow</u>	<u>Percentage of issued shares outstanding as at the date of this Prospectus</u>
Shares no par value	500,000	33.9%

PRINCIPAL HOLDERS OF SHARES

Set forth hereunder are particulars of the present registered principal holders of shares of the company as of 25th of March, 1974.

<u>Name and Address</u>	<u>Class of Security</u>	<u>Type of Ownership</u>	<u>No. of Shares Owned</u>	<u>Percentage of Class</u>	<u>Shares Owned After Offering</u>	<u>Percentage Retained After Offering</u>
Ernest C. DeLoye, Box 535, Kirkland Lake, Ontario.	Common shares	Of record and beneficially	250,000	16.4%	250,000	12.4%
Brewit & Co., 390 Bay Street, Toronto, Ontario.	Common shares	Of record	196,987	12.9%	196,987	9.7%
Mid-North Engineering Services Limited, 390 Bay Street, Toronto, Ontario.	Common shares	Of record and beneficially	250,000	16.4%	250,000	12.4%
Brewis & White Ltd. 390 Bay Street, Toronto, Ontario.	Common shares	Of record and beneficially	161,190	10.6%	61,191	3.0%
A.W. White, 390 Bay Street, Toronto, Ontario	Common shares	Of record and beneficially	25,000	1.6%	25,000	1.2%

Brewit & Co. is a nominee only and has no beneficial ownership. Of the 196,987 shares registered as Brewit & Co. only 86,169 are known to be held beneficially by Brewis & White Limited of the same address and by whom 100,000 are offered in secondary.

NOTE: A. W. White owns a beneficial 100% interest in Brewis & White Limited and a 57.14% beneficial interest in Mid-North Engineering Services Limited.

PRIOR SALES

During the two years prior to this offer, the Company sold no shares.

MATERIAL CONTRACTS

The material contracts entered into by the Company within the two years prior to the date hereof are as follows:

- (1) Agreement dated February 5, 1974, and amending Agreement dated April 3, 1974, between the Company and Mid-North Engineering Services Limited referred to under heading "HISTORY AND BUSINESS" on Page 2
- (2) Escrow Agreement dated 11 March, 1974, referred to under "Escrowed Shares" Page 10
- (3) Management agreement between the Company and Mid-North Engineering Services Limited referred to under "Remuneration of Management" Page 8.

During the distribution of securities offered by this Prospectus, copies of the aforementioned agreements may be inspected at the Head Office of the Company during normal working hours.

INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS

Mid-North Engineering Services Limited provides secretarial services and Head Office facilities for the Company at a cost of up to \$300.00 per month (referred to under the heading "REMUNERATION OF MANAGEMENT").

The only persons having a greater than 5% interest in Mid-North Engineering Services are Arthur Walter White, Herbert Rodney Heard, James Geddes and Harvey Vance White. Arthur Walter White is also the President and a Director of Kam-Kotia Mines Limited and a Director and major shareholders of Brewis & White Limited.

Harry Idris Miller, is Vice-President and a Director of Brewis & White Limited.

Howard Samuel Dolson is Secretary-Treasurer of Brewis & White Limited and is also Secretary of Mid-North Engineering Services Limited.

Harvey Vance White is a Director of Kam-Kotia Mines Limited, Mid-North Engineering Services Limited and Brewis & White Limited.

CAPITALIZATION

<u>Designation of Security</u>	<u>Amount authorized by Letters Patent</u>	<u>Amount out- standing as at date of Balance Sheet dated 30th November, 1973</u>	<u>Amount outstanding as at date of this Pros- pectus, 29th March, 1974</u>	<u>Amount outstanding if all shares offered are sold</u>
Common shares	2,500,000	973,555	1,473,555	1,973,555
Common shares \$1 par value	\$2,500,000	\$517,770	\$ 592,770*	\$ 687,770*

By Amendment to Articles of Incorporation and approved by the Shareholders of the Company, the Authorized Capital has now been increased to 5,000,000 shares of no par value with an authorized upper limit of \$5,000,000.

\* This amount includes a valuation allotted by the Board of Directors, of 15 cents per share placed on the issue of 500,000 shares for payment for the new property by the Company in Teck Township.

\*\* This amount reflects the sale of 500,000 shares through this prospectus at the minimum of 19 cents per share.

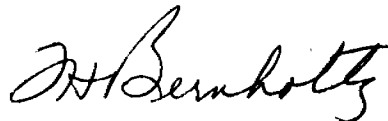
The shares of the company are all of one class, namely, common shares. The holders of the common shares are entitled to one vote for each share held, and to participate share for share with respect to dividends and with respect to distribution upon a winding up or dissolution of the company. The outstanding shares of the company are, and the shares offered hereby which are to be issued by the company will be, fully paid and non-assessable. No dividends have been paid by the company to date.

THERE ARE NO OTHER MATERIAL FACTS.

To The Directors  
Gateford Mines Limited

I have examined the balance sheet of Gateford Mines Limited as at November 30, 1973 and the related statements of deficit and source and application of funds for the years ended November 30, 1973, 1972, 1971, 1970 and 1969. My examination included a general review of the accounting procedures and such tests of the accounting records and other supporting evidence as I considered necessary in the circumstances.

In my opinion, these financial statements present fairly the financial position of the Company as at November 30, 1973 and the results of its operations and the source and application of its funds for the above-noted periods in accordance with generally accepted accounting principles, applied on a consistent basis.



Toronto, Ontario  
March 26, 1974

T. H. Bernholtz  
Chartered Accountant



GATEFORD MINES LIMITED

(INCORPORATED UNDER THE LAWS OF THE PROVINCE OF ONTARIO)

BALANCE SHEET AS AT NOVEMBER 30, 1973

ASSETS

<u>Current assets</u>	
Cash in bank	\$ 1,230
Deposit receipt	5,000
Interest receivable	28
	<hr/>
	6,258
	<hr/>
<u>Mining properties (Note 1)</u>	
Fifteen patented claims in Teck and Otto Townships, Temiskaming Mining Division, Ontario, at nominal value	100
	<hr/>
<u>Other</u>	
Buildings, plant and equipment, at nominal value	100
Mine stores and supplies, at nominal value	1
Organization expenses	2,648
	<hr/>
	2,749
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	\$ 9,107
	<hr/> <hr/>

LIABILITIES

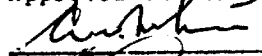

<u>Current liabilities (Note 2)</u>	
Accounts payable	\$ 1,541
	<hr/>

SHAREHOLDERS' EQUITY

<u>Capital stock (Note 3)</u>	
Authorized: 2,500,000 shares with a par value of \$1.00 each	
Issued and fully paid: 973,555 shares	973,555
Less: Discount	455,785
	<hr/>
	517,770
	<hr/>
Capital surplus arising from reduction of capital, per supplementary letters patent dated August 8, 1950	443,264
	<hr/>
	961,034
	<hr/>
Deficit	(953,468)
	<hr/>
	7,566
	<hr/>
	\$ 9,107
	<hr/> <hr/>

The accompanying notes form an integral part of these financial statements.

Approved on behalf of the Board of Directors:

 A.W. WHITE Director  
 H.S. DOLSON Director

GATEFORD MINES LIMITED

STATEMENT OF DEFICIT

FOR THE YEARS ENDED NOVEMBER 30

	<u>1973</u>	<u>1972</u>
<u>Exploration</u>		
Mining licenses taxes and fees	\$ <u>1,222</u>	\$ <u>--</u>
<u>Administrative</u>		
Audit fees	350	--
Taxes	112	52
Transfer agent's fees	24	91
General expenses	30	--
	<u>516</u>	<u>143</u>
<u>Less: interest income</u>	<u>28</u>	<u>--</u>
	<u>488</u>	<u>143</u>
	<u>1,710</u>	<u>143</u>
<u>Less: Statute-barred accounts payable written off</u>	<u>13,628</u>	<u>--</u>
Ontario Hydro rebate	12,161	--
	<u>25,789</u>	<u>--</u>
	(24,079)	143
Balance, beginning of period	<u>977,547</u>	<u>977,404</u>
Balance, end of period	<u>\$953,468</u>	<u>\$977,547</u>

<u>1971</u>	<u>1970</u>	<u>1969</u>
<u>\$ 79</u>	<u>\$ 385</u>	<u>\$ 406</u>
--	--	--
52	80	20
89	529	--
10	12	10
<u>151</u>	<u>621</u>	<u>30</u>
--	--	--
<u>151</u>	<u>621</u>	<u>30</u>
<u>230</u>	<u>1,006</u>	<u>436</u>
--	--	--
--	--	--
--	--	--
230	1,006	436
<u>977,174</u>	<u>976,168</u>	<u>975,732</u>
<u>\$977,404</u>	<u>\$977,174</u>	<u>\$976,168</u>

\*Statement of Deficit

GATEFORD MINES LIMITED

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

FOR THE YEARS ENDED NOVEMBER 30

	<u>1973</u>	<u>1972</u>
<u>Source of funds</u>		
Statute-barred accounts payable written off	\$13,628	\$ --
Ontario Hydro rebate	12,161	--
Interest income	28	--
	<u>25,817</u>	<u>--</u>
 <u>Application of funds</u>		
Exploration	1,222	--
Administrative	516	143
	<u>1,738</u>	<u>143</u>
Increase (decrease) in working capital	24,079	(143)
Working capital (deficiency) beginning of period	(19,362)	(19,219)
Working capital end of period	<u>\$ 4,717</u>	<u>\$(19,362)</u>
 <u>Represented by:</u>		
Current assets	\$ 6,258	\$ --
Current liabilities	1,541	19,362
	<u>\$ 4,717</u>	<u>\$(19,362)</u>

<u>1971</u>	<u>1970</u>	<u>1969</u>
\$ -- -- -- <hr/> -- <hr/>	\$ -- -- -- <hr/> -- <hr/>	\$ -- -- -- <hr/> -- <hr/>
79 151 <hr/> 230 <hr/> (230) (18,989) <hr/> \$(19,219) <hr/> <hr/>	385 621 <hr/> 1,006 <hr/> (1,006) (17,983) <hr/> \$(18,989) <hr/> <hr/>	406 30 <hr/> 436 <hr/> (436) (17,547) <hr/> \$(17,983) <hr/> <hr/>
\$ -- 19,219 <hr/> \$(19,219) <hr/> <hr/>	\$ -- 18,989 <hr/> \$(18,989) <hr/> <hr/>	\$ -- 17,983 <hr/> \$(17,983) <hr/> <hr/>

\*Statement of Source and Application of Funds

GATEFORD MINES LIMITED

NOTES TO THE FINANCIAL STATEMENT

AS AT NOVEMBER 30, 1973

Note 1. By agreement dated February 5, 1974, the Company purchased twenty-two patented and unpatented mining claims adjacent to the original property in Teck Township, Ontario for the following consideration:

- (a) \$10.00 payable forthwith, and
- (b) 500,000 shares of the Company's capital stock.

Note 2. The expenses incidental to the offering estimated at approximately \$2,500.00 are not included in the accounts payable.

Note 3. (a) The Corporation has applied to amend its Articles of Incorporation as follows:

- (1) changing the 973,555 issued and the 1,526,445 unissued shares of the Corporation with a par value of \$1.00 each into 973,555 issued and 1,526,445 unissued shares without par value
- (2) increasing the authorized capital of the Corporation by creating an additional 2,500,000 shares without par value ranking on a parity with the existing 2,500,000 shares of the Corporation provided, however, that the aggregate consideration for the issue of the 5,000,000 shares shall not exceed in amount or value the sum of \$5,000,000.00
- (3) confirming that the Corporation shall not thereafter be subject to the application of Part IV of the Corporations Act.

(b) The Company will offer up to 500,000 shares of its capital stock through registered security dealers at the market price from time to time, on a best efforts basis with a minimum return to the Company of 75% of the proceeds received from the sale of such shares provided that the net proceeds shall in no event be less than a minimum of 19 cents per share, after paying regular broker's commissions. All the proceeds received will be held in trust until a minimum net sum of \$39,000.00 has been received or for a period of 90 days whichever occurs first. In the event of a failure by the Company to receive at least \$39,000.00 net within a ninety day period, all monies will be returned to the subscribers.

(c) The directors and officers of the Company have been granted an option to purchase up to 97,000 shares of the Company's capital stock at 19¢ per share exercisable on or before December 31, 1975.

(d) Capital stock issued and fully paid:

92,500	shares for properties (1,850,000 original shares)		\$ 92,500.00
881,055	shares for cash	\$881,055.00	
	Discount thereon	455,785.05	425,269.95
<u>973,555</u>			<u>\$517,769.95</u>

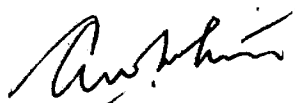
Note 4. Income taxes:

The Company was incorporated as a public company under the laws of the Province of Ontario on July 30, 1934 and was in production from 1939 to 1943 inclusive and in the year of 1947; it is estimated that the Company has available approximately \$685,000 in deferred exploration and development expenses to be applied against future earnings.

The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by Part VII of The Securities Act, 1970 and the regulations thereunder.

DATED this 29th day of March, 1974

DIRECTORS



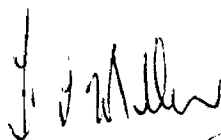
A. W. White

Chief Executive Officer



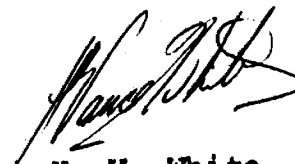
H. S. Dolson

Chief Financial Officer



H. I. Miller

Director



H. V. White

Director

PROMOTER

Mid-North Engineering Services Limited

W. H. Leonard  
Vice - Pres.

James Geddes  
Treasurer

TIMMINS

Ontario  
Quebec

NORANDA

KIRKLAND LAKE



PROPERTY

COBALT

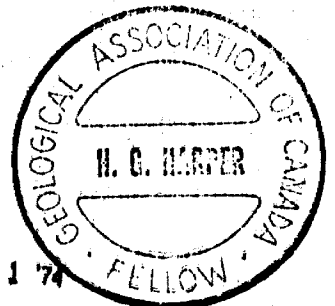
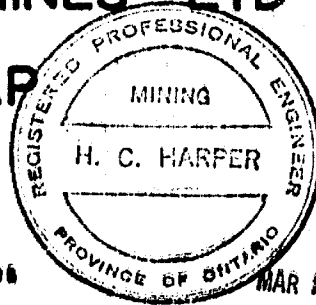


SUDBURY

NORTH BAY

GATEFORD MINES LTD

KEY MAP



1 inch = 25 miles

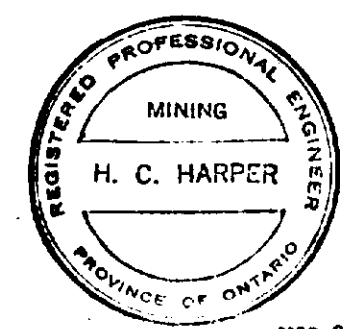
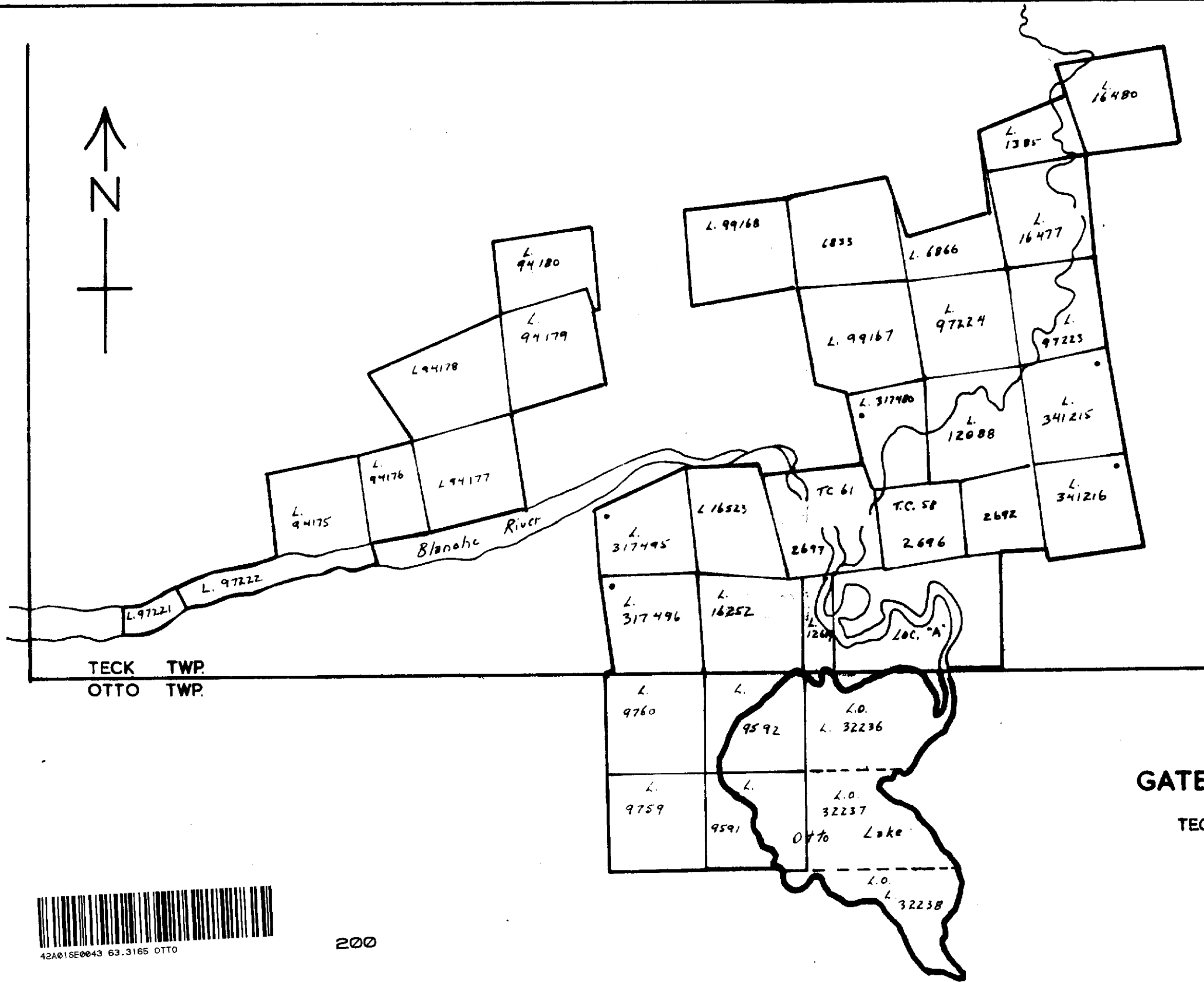
MAR 21 '74

DATE

SIGNED

*H. C. Harper*





MAR 21 74

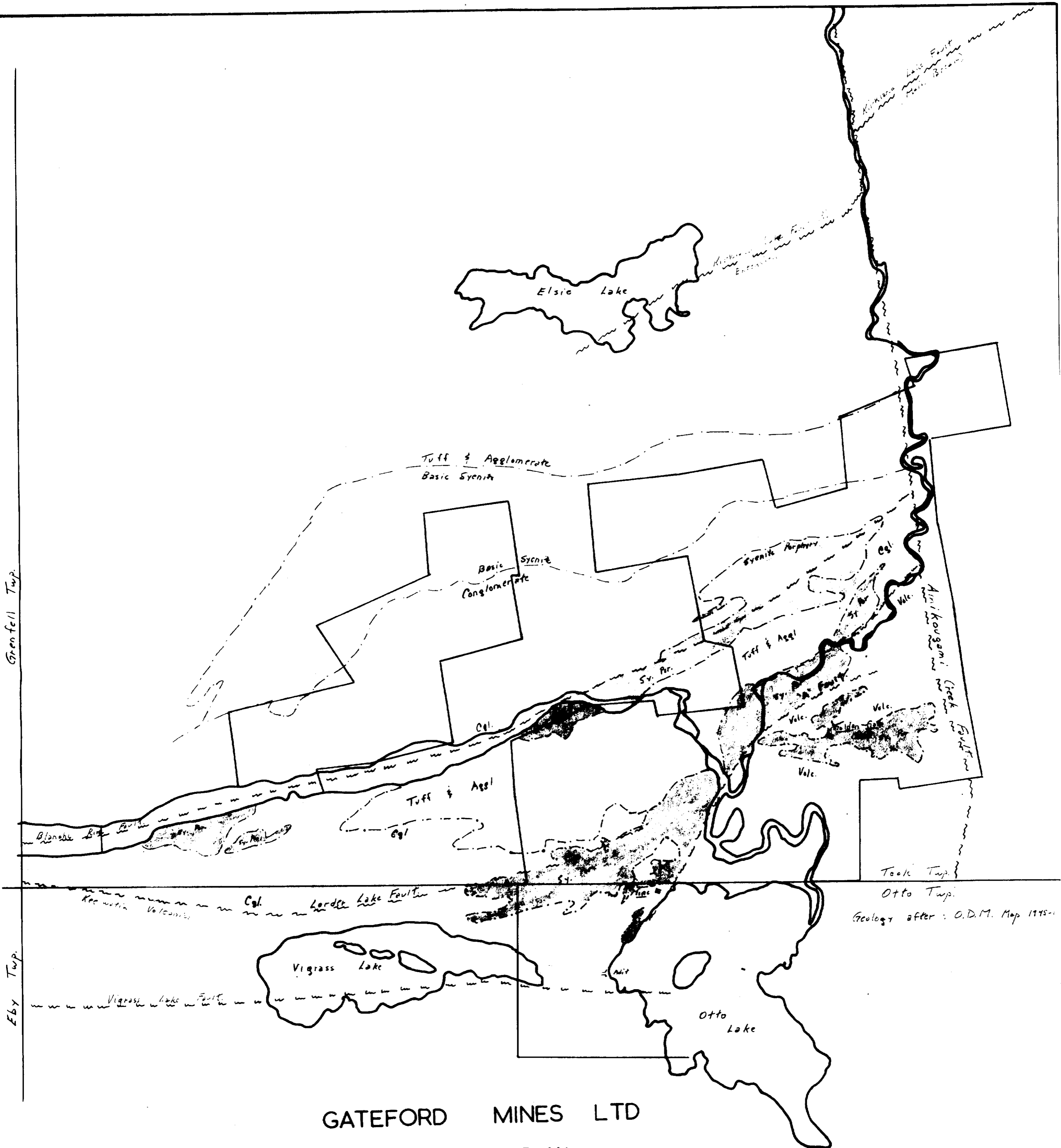
*H. C. Harper*

**GATEFORD MINES LTD**  
TECK & OTTO TOWNSHIPS  
Claim Map



200



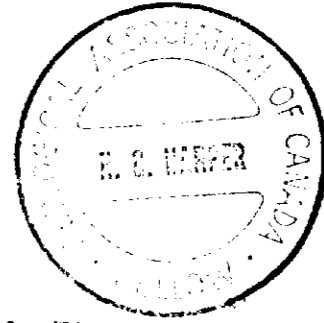


Geology after: O.D.M. Map 1945-

**GATEFORD MINES LTD**

**GEOLOGIC PLAN**

**TECK & OTTO TOWNSHIPS**



MAR 21 '74

*H. C. Harper*



L317480

2697

2698

16523

L317495

MINING LOCATION

317496

16252

Planche River

Highway 66

Crescent Mine

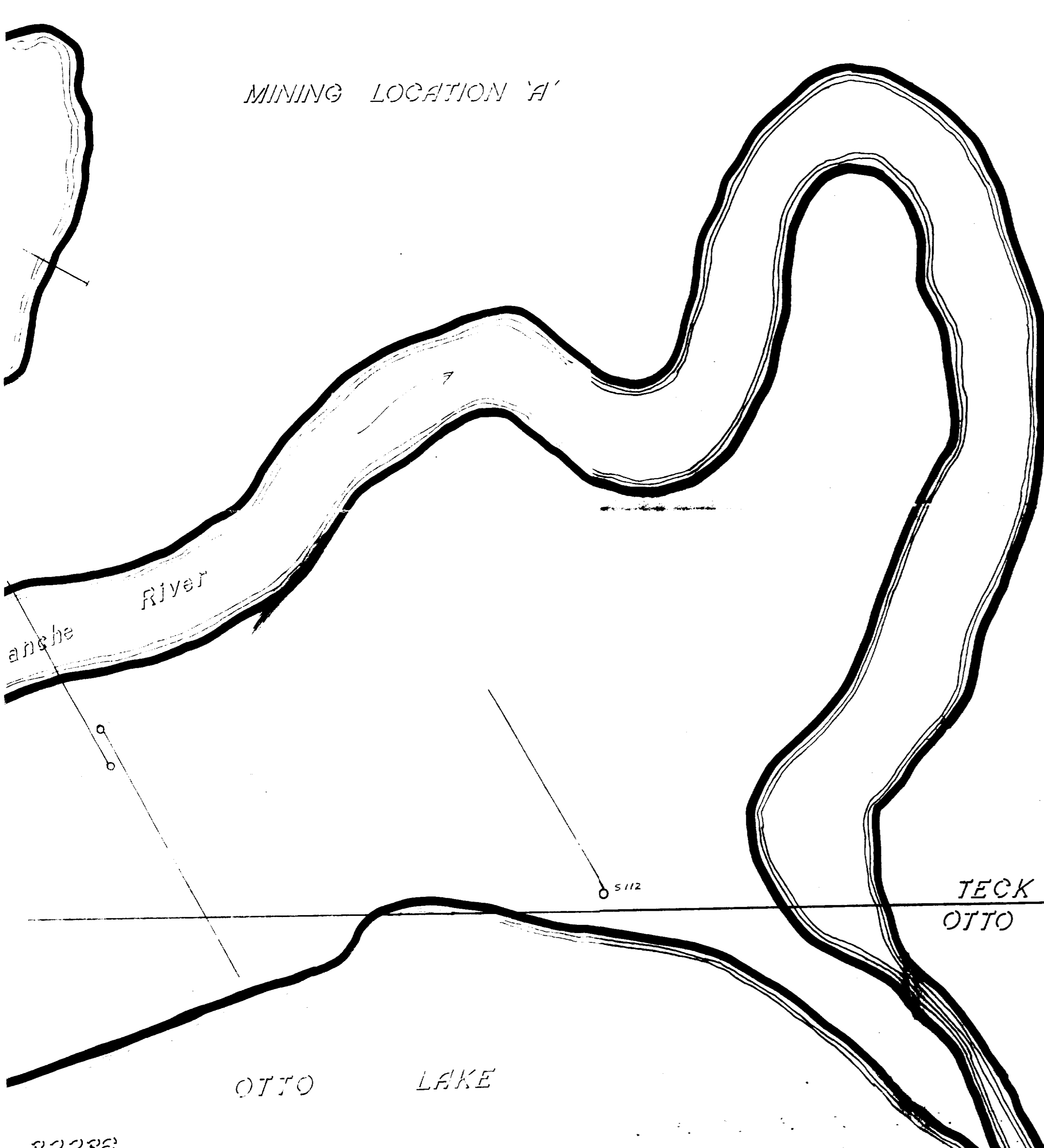
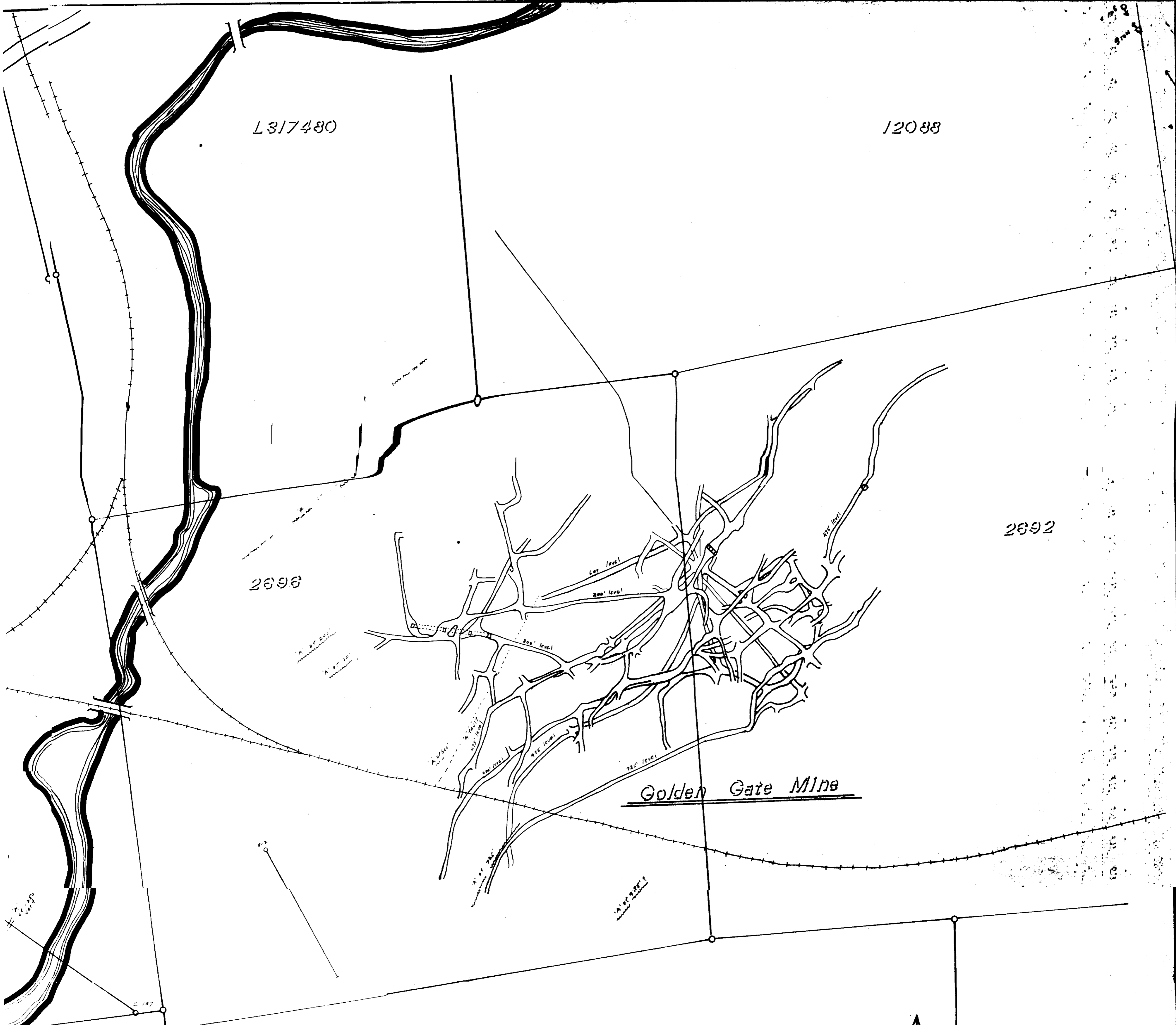
OTTO LAKE

9592



220

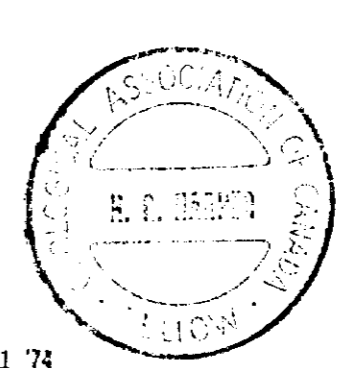
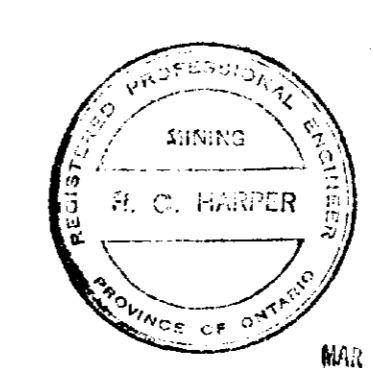




**GATEFORD MINES LTD**

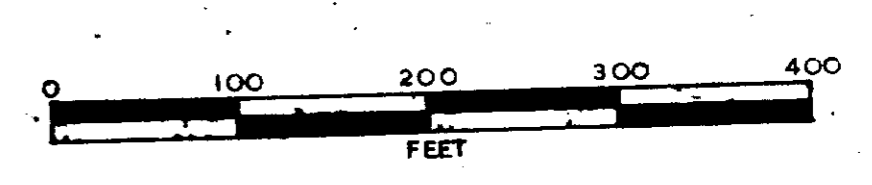
COMPOSITE MINE PLAN

Teck & Otto Townships



*H. G. Hoyer*

TECK TWP.  
OTTO TWP.



32236