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

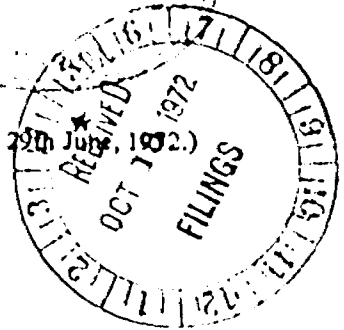
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GLADE EXPLORATIONS LIMITED

Head and Principal Office
Suite 401, 100 Adelaide Street West
TORONTO, ONTARIO

1972

(The Corporation was incorporated under the laws of the Province of Ontario on the 29th July, 1972.)



New Offering

100,000 COMMON SHARES
Without Par Value

Number of shares underwritten	Price per share	Maximum offering price per share	Net proceeds to the Corporation
100,000	20¢	40¢	\$20,000.

Secondary Offering:

There is a secondary offering of 75,000 shares, the proceeds of which will accrue to the selling shareholders and not to the Treasury of the Corporation. No shares of the secondary offering will be offered until all of the underwritten shares have been sold. Particulars of the secondary offering by A.C. MacPherson & Co. Limited, Bruce M. Young and J. Ross Austen, their present and post offering holdings are set forth under subject heading "Secondary Offering".

THERE IS NO MARKET FOR THE SECURITIES OFFERED.

The purpose of the offering is to provide funds to finance an exploration program as recommended by the Corporation's consulting engineer as well as ordinary operating expenses. The particulars are set forth under subject headings "Business and Property" and "Use of Proceeds".

The 100,000 common shares newly offered under this prospectus are for the account of the Underwriter, and the 75,000 shares constituting the secondary offering are for the account of the offering shareholders all as set forth under subject headings "Plan of Offering", "Secondary Offering" and "Acquisition of Property Interests".

THE SECURITIES OFFERED ARE SPECULATIVE

REGISTRAR AND TRANSFER AGENT
THE STERLING TRUSTS CORPORATION
372 Bay Street, Toronto, Ontario.

UNDERWRITER

A. C. MacPherson & Co. Limited

Suite 1001, 100 Adelaide Street West
TORONTO, Ontario

PROSPECTUS DATED 4 OCTOBER, 1972



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GLADE EXPLORATIONS LIMITED

HISTORY AND BUSINESS

Glade was incorporated under the laws of the Province of Ontario pursuant to Articles of Incorporation which became effective by a Certificate of Incorporation dated 29th June, 1972. The principal purpose of the corporation is to engage in mining exploration, development and operation.

In order to pursue these objects the corporation has acquired twelve unpatented mining claims in the District of Sudbury, Province of Ontario. The unpatented claims are numbered S-345386 to S-345395 inclusive, and S-345504 and S-345505, and are located approximately forty miles northeast of the City of Sudbury.

All of the above claims were originally staked on 16 June, 1972. Ten of the claims were recorded on 10 July, 1972. Inadvertently the remaining two were not recorded within the required thirty days and were re-staked on 14 August, 1972 and recorded 22 August, 1972.

There is no surface or underground plant or equipment on the property, and the proposed program is an exploratory search for ore.

The Corporation plans to explore the claims in accordance with the recommendations contained in a Report prepared for it by H. Grant Harper, P. Eng., dated 21 July, 1972. Set forth below is a summary, including recommendations, of the Report prepared by Mr. Harper, which Report is available in the files of the Ontario Securities Commission.

As a result of information obtained by Eric J. Lackstrom, O.L.S. of Sudbury, Ontario, from survey records prepared by the late R.W. Demorest of Sudbury, 12 unpatented mining claims have been acquired by Glade Explorations Limited.

The 12 claims are in one group and are located in Lots 5 and 6, Concession H, Scadding Township, Sudbury Mining Division, Ontario. Access to the claims is by bush road, approximately 10 miles ^{south-west} of Highway 17 from a point between Wanapitei and Hagar.

The DeMorest records indicate that the claims contained 12 occurrences of visible gold. Recent examination of the ground confirmed the existence of two gold-bearing quartz veins and several mineral occurrences consisting of disseminated sulphides.

Recommended work consists of line cutting, geological mapping and prospecting, geophysical surveying and diamond drilling of gold occurrences to test their strike extensions. Estimated cost of the program is \$9,100.

ACQUISITION OF PROPERTY INTERESTS

All twelve unpatented mining claims covering approximately 480 acres have been acquired from A.C. MacPherson & Co. Limited, Suite 1001, 100 Adelaide Street West, Toronto, (hereinafter referred to as "MacPherson & Co.") pursuant to an agreement between the Corporation and MacPherson & Co. dated August 21, 1972. Relevant laws of Ontario require that 200 days of work be performed on unpatented claims within five years of the date of recording if the claims are to be maintained in good standing and brought to lease.

The agreement above referred to provides for the allotment and issue by the Corporation to MacPherson & Co., or to whomsoever it may designate, of 750,000 fully paid and non-assessable shares of which 90% will be escrowed and 10% will be free. Of these 250,000 escrowed shares are to be allotted and issued to Eric J. Lackstrom, O.L.S. and associates, 31 Cedar Street, Sudbury, Ontario. The 250,000 escrowed shares together with the sum of \$1,000 constitutes the price paid by MacPherson & Co. for the purchase of the claims.

The said 250,000 escrowed shares are beneficially owned as follows; Eric J. Lackstrom, O.L.S., 31 Cedar Street, Sudbury, 83,334. Eglon Rose, 236 Jogues Street, Sudbury, 83,333, and Archie Weirmeir, R.R.#3 Sudbury, 83,333 shares.

For their assistance in negotiating the acquisition of the claims Bruce M. Young, 19 Ballyronan Road, Don Mills Ontario, and J. Ross Austen, 309 Inglewood Drive, Toronto, Ontario, will each receive from MacPherson & Co. 12,500 free shares respectively.

PLAN OF OFFERING

The Corporation has entered into an agreement dated August 21, 1972 with MacPherson & Co., Suite 1001, 100 Adelaide Street, West, Toronto, (sometimes referred to as the "Underwriter") whereby MacPherson & Co., acting on its own behalf, has agreed to purchase the following shares of the Corporation.

<u>No. of Shares Underwritten</u>	<u>Price Per Share</u>	<u>Net amount to be Received by the Corporation</u>
100,000	20¢	\$20,000.

The shares are to be paid for within three days of the acceptance for filing by the Ontario Securities Commission of the Corporation's prospectus, which date is referred to as the "effective date".

There are no sub-underwritings or options known to the Corporation. The only person having a greater than 5% interest in MacPherson & Co. is Bruce Malcolm Young, 18 Ballyronan Road, Don Mills, Ontario.

Although no public market exists for the shares, they will be offered by MacPherson & Co. at the best price or prices obtainable. The maximum offering price during the course of distribution of the shares newly issued will not exceed that set forth on the Cover Page. MacPherson & Co. may distribute the shares itself or sell to or through registered dealers, and in any event during distribution of the new issue the maximum offering price referred to above shall prevail.

SECONDARY OFFERING

<u>Offering Shareholders</u>	<u>Number of Shares Owned as of Date of Prospectus</u>	<u>Number of Shares Offered</u>	<u>Number of Shares Owned After Offering</u>
A.C. MacPherson & Co. Ltd. Suite 1001, 100 Adelaide Street West, Toronto, Ontario.	50,000 (free) 425,000 (escrowed)	50,000 (free) Nil	Nil 425,000 (escrowed)
Bruce M. Young 18 Ballyronan Road, Don Mills, Ontario.	12,500 (free)	12,500 (free)	Nil
J. Ross Austen 309 Inglewood Drive, Toronto, Ontario.	12,500 (free)	12,500 (free)	Nil

The Underwriter will offer its free shares as principal, and Messrs. Young and Austen will offer their free shares through registered dealers as agent. No shares of the secondary offering will be offered until all of the underwritten shares have been sold.

PRIOR SALES

There have been no prior sales of the securities of the Corporation.

SHARE CAPITALIZATION

Designation of Security	Number and Amount in dollars authorized or to be authorized	Number and Amount in dollars outstanding as of the most recent balance sheet contained in the prospectus	Number and Amount in dollars outstanding as of 21 August, 1972	Number and Amount in dollars to be outstanding if all securities being issued are sold
Common Shares	3,000,000	750,005	750,005	850,005
No Par Value	(\$1,500,000)	(\$75,005)	(\$75,005)	(\$95,005)

The capital of the Corporation consists of one class of shares. The shares are common shares which rank equally as to voting rights and carry one vote each. They are entitled to dividends, if any, and to shares upon liquidation or winding up on an equal basis. There are no pre-emptive or conversion rights and no provisions for redemption, sinking fund or purchasing for cancellation attaching to the shares. Shares presently outstanding are fully paid and non-assessable and shares offered hereunder will, when issued, be fully paid and non-assessable.

USE OF PROCEEDS

The proceeds from this offering will be used to finance a recommended exploration program on the twelve unpatented mining claims newly acquired by the Corporation. The estimated cost of the program totals \$9,100.

The proceeds will also provide for the cost of incorporation, organization, and this issue estimated at \$5,500, together with ordinary operating expenses. No funds of the Corporation will be used to acquire shares of other Corporations without prior approval of the shareholders and no additional properties or leasehold interests will be acquired without the filing of an amendment so long as the shares of the Corporation are in the course of distribution.

PRINCIPAL HOLDERS OF SECURITIES

Listed below are the names of those known to the Corporation owning beneficially, directly or indirectly, more than 10% of its issued common shares.

Column 1 Name	Column 2 Designation of Class	Column 3 Type of Ownership	Column 4 Number of Shares Owned	Column 5 Percentage of Class
A.C. MacPherson & Co. Ltd. Suite 1001 100 Adelaide Street West, Toronto, Ontario.	Common	Beneficial and of record	500,000	66.6%

The particulars of individuals beneficially entitled to receive any of the above principal shareholdings are set forth under subject heading "Acquisition of Property Interests".

The table below shows the holdings of the public and principal shareholders before and after the offering herein described, expressed as percentages, provided all of the shares offered hereunder are sold.

Shareholders	Percentage of Class Before Offering	Percentage of Class After Offering
Principal Shareholders	100%	79.41%
Public	nil	20.59%

Aside from the 12,500 shares to be received by J. Ross Austen, the officers and directors each hold only one (1) share in the capital of the Corporation, and their holdings of common shares as a class, amount to substantially less than 2% of the issued capital, provided all the shares offered hereunder are sold.

ESCROWED SHARES

As of the date hereof the underlisted shares are held in escrow by the Sterling Trusts Corporation subject to release upon the consent of the Ontario Securities Commission and the Board of Directors of the Corporation, and subject to alienation, transfer or assignment within the escrow upon the consent of the Commission.

<u>Designation of Class</u>	<u>Number of Shares Held in Escrow</u>	<u>Percentage of Class</u>
Common Shares No Par Value	675,000	79.41% (a)

(a) Calculated on the basis of all shares offered hereunder being sold.

In the event any or all of the property for which the escrowed shares were issued is abandoned or becomes of little or no value, the owners of such shares undertake to donate to the Corporation for its use and benefit all or part of such shares. The Escrow Agreement further provides that when only part of the property is involved the number of shares to be donated to the Corporation shall be determined by the Ontario Securities Commission.

PURCHASERS' RIGHT OF WITHDRAWAL AND RESCISSION

Sections 64 and 65 of The Securities Act, 1970 provide purchasers with a right of rescission and withdrawal. The provisions provide substantially as follows:

Provided he is still the owner of the securities a purchaser will not be bound by the contract if he so notifies the person from whom they were purchased by writing or telegraph not later than midnight on the second day, exclusive of Saturdays, Sundays and holidays after receipt by the purchaser of the prospectus or amended prospectus; and may rescind such contract if as of the date of receipt by the purchaser the prospectus and any amended prospectus contains an untrue statement of a material fact or omits to state a material fact, if action is commenced within 90 days of receipt of the prospectus or amended prospectus or date of contract whichever is later.

For the purposes herein a prospectus or amended prospectus sent by prepaid mail is deemed conclusively to be received in the ordinary course of mail. The receipt of a prospectus or amended prospectus by a person acting as agent of the purchaser shall be receipt by the purchaser as of the date of receipt by the agent, provided however, that an agent shall not be so considered unless he is acting solely as 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 and sale.

PROMOTER

The Promoter of the Corporation is A.C. MacPherson & Co. Limited, Suite 1001, 100 Adelaide Street West, Toronto, Ontario. The only person having a greater than 5% interest therein is Bruce Malcolm Young 18 Ballyronan Road, Don Mills, Ontario.

DIRECTORS AND OFFICERS

The names and home addresses of the directors and officers of the Corporation and their principal occupations are as follows:

<u>Name</u>	<u>Address</u>	<u>Office Held</u>
John Ross Austen, P.Eng.	309 Inglewood Drive Toronto, Ontario.	President and Director
Irving Dobbs	43 Bellbury Crescent Willowdale, Ontario.	Vice-President and Director
Douglas Alexander Pyzer	67 Yonge Street Suite 1220 Toronto, Ontario.	Secretary-Treasurer and Director
Charles William Archibald, P.Eng.	418 Glencairn Avenue Toronto, Ontario.	Director

	<u>Address</u>	<u>Office Held</u>
Harley Howard Hubble	82 Hudson Drive Toronto, Ontario.	Director

The principal occupations of the directors during the past five years are as follows:

J. Ross Austen, P. Eng. - Sales Engineer, Detrick Company of Canada, 67 Yonge Street, Toronto; Director of Coniston Explorations & Holdings Limited, Process Minerals Limited and Geneva Metals Inc.

Living Dobbs - President of Dobbs & Company Insurance Ltd., Director of Force Crag Mines Limited, Active Mines Limited and Eclipse Metals Limited.

Douglas A. Pyzer - Director of Detrick Company of Canada.

Charles W. Archibald - Consulting Mining Engineer; Director of Spirit Lake Mines Limited.

Harley H. Hubble - Executive, Administration, Dominion Electric Protection Company, 92 Adelaide Street West, Toronto, and other Corporations.

REMUNERATION OF DIRECTORS AND SENIOR OFFICERS

No officer or director has received any remuneration since incorporation. The directors will be entitled to receive \$50 for each meeting of directors and shareholders attended by them.

Superior Corporate Services Limited, Suite 401, 100 Adelaide Street West, Toronto, Ontario, will be paid \$250 per month to provide head office, routine secretarial and accounting services.

Mr. Bruce M. Young, 18 Ballyronan Road, Don Mills, Ontario, and J. Ross Austen, 309 Inglewood Drive, Toronto, Ontario, president and director of the Corporation are the only persons holding a greater than 5% interest in Superior Corporate Services Limited.

INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL CONTRACTS

A.C. MacPherson & Co. Limited, sometimes herein referred to as "MacPherson & Co." is the promoter of the Corporation, and also the vendor to the Corporation of 12 unpatented mining claims all as set forth under subject heading "Acquisition of Property Interests". MacPherson & Co. is also the underwriter of certain of the Corporation's shares, all as set forth on the Cover Page and under subject heading "Plan of Offering". J. Ross Austen, president and director of the Corporation is also an officer and director of MacPherson & Co. and holds one share therein. Both J. Ross Austen and Bruce M. Young are to receive from MacPherson & Co. 12,500 free shares each as set forth under subject heading "Acquisition of Property Interests".

PRELIMINARY EXPENSES

The estimated preliminary expenses for the first year of the Corporation is \$3,000 for administration and \$10,000 for development and exploration.

AUDITORS

The Auditors of the Corporation are Riddell, Stead & Co., Royal Trust Tower, Toronto, Ontario.

MATERIAL CONTRACTS

The material contracts entered into by the Corporation are as follows:

1. Agreement dated 21st August, 1972 between the Corporation and A.C. MacPherson & Co. Limited relative to the purchase of 12 unpatented mining claims more particularly described under subject heading "Acquisition of Property Interests".
2. Agreement dated 21st August, 1972 between the Corporation and A.C. MacPherson & Co. Limited relative to an underwriting agreement more particularly referred to under subject heading "Plan of Offering".

GLADE EXPLORATIONS LIMITED

BALANCE SHEET

AS AT AUGUST 21, 1972

ASSETS

CURRENT ASSETS

Cash \$ 5

PROPERTY

12 mining claims in Scadding Township, Ontario, purchased for the issue of 750,000 shares of capital stock valued by the directors at 10¢ per share (Note 2) 75,000

INCORPORATION EXPENSE 2,000

\$ 77,005

LIABILITIES

CURRENT LIABILITIES

Accounts payable and accrued \$ 2,000

SHAREHOLDERS' EQUITY

CAPITAL STOCK (Note 1)

Authorized

3,000,000 shares without par value

Issued

750,000 shares for property 75,000

5 shares for cash 5

75,005

75,005

\$ 77,005

AUDITORS' REPORT

To The Directors
Glade Explorations Limited

We have examined the balance sheet of Glade Explorations Limited as at August 21, 1972 and the statement of source and application of funds for the period from June 29, 1972 (date of incorporation) to August 21, 1972. 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 these financial statements present fairly the financial position of the company as at August 21, 1972 and the source and application of its funds for the period from June 29, 1972 (date of incorporation) to August 21, 1972, in accordance with generally accepted accounting principles.

Toronto, Ontario
August 21, 1972

Approved on behalf of the Board of Directors

Riddell, Stead & Co.,
Chartered Accountants

J. Ross Austen - Director

Douglas A. Pyzer - Director

GLADE EXPLORATIONS LIMITED

NOTES TO THE FINANCIAL STATEMENTS

FOR THE PERIOD JUNE 29, 1972 (DATE OF INCORPORATION)

TO AUGUST 21, 1972

1. By an underwriting agreement the company will sell 100,000 shares of its capital stock at 20¢ per share to be paid within 3 business days of acceptance of company's prospectus for filing by the Ontario Securities Commission.
2. The purchase agreement for the claims stipulates that a program of exploration must be carried out by the company as outlined in a report prepared by H.G. Harper, F.G.A.C. P.Eng., dated July 21, 1972 at an estimated cost of \$9,100.

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

FOR THE PERIOD JUNE 29, 1972 (DATE OF INCORPORATION)

TO AUGUST 21, 1972

SOURCE OF FUNDS

Sale of capital stock - for cash	\$ 5
- for mining properties	\$ 75,000
	<u>75,005</u>

APPLICATION OF FUNDS

Mining properties	75,000
Incorporation expenses	2,000
	<u>77,000</u>

WORKING CAPITAL DEFICIENCY AT AUGUST 21, 1972	<u>\$ 1,995</u>
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There are no other material facts.

PROSPECTUS DATED 4 OCTOBER, 1972

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.

J. ROSS AUSTEN
Chief Executive Officer

DOUGLAS A. PYZER
Chief Financial Officer

IRVING DOBBS
Director

HARLEY H. HUBBLE
Director

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

UNDERWRITER/PROMOTER

A. C. MacPHERSON & CO. LIMITED

Per: DONNA M. ELLINS



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GLADE EXPLORATIONS LIMITED

REPORT BY

H. GRANT HARPER, P.Eng.

Dated July 21, 1972

GLADE EXPLORATIONS LTD.

SUMMARY

Glade Explorations Ltd. has acquired a group of 12 mining claims located in Lots 5 and 6, Concession II, Scadding Township, Sudbury Mining Division, Ontario. The property is easily accessible by car or truck from Highway 17 east of Sudbury.

Interest in the property was aroused by Mr. Eric Lackstrom, O.L.S. who, several years ago, purchased the Ontario Land Surveying business of Mr. R. W. DeMorest. Mr. DeMorest's survey work of 1927 showed a trenched area with 12 visible gold occurrences in Scadding Township. A ground search by Archie Weirmeir, prospector, and Ed Rose, Cambrian College student, located the old trenches. Grab sampling by Rose confirmed the presence of gold and a pace and compass survey by Weirmeir roughly correlated a number of widely spaced trenches and pits.

The rocks underlying the claims are Archean Keewatin volcanics, sediments of the Huronian Sudbury series and Nipissing Killarnean gabbro intrusives. Two types of Mineral occurrences are located on the property: gold-bearing quartz fissure veins and copper nickel bearing sulphides disseminated in gabbroic rocks. Of the two types of mineral occurrence, the gold quartz veins offer the most immediate promise as these have given indications of carrying high values.

A program of limited prospecting, mapping, geophysical surveying and diamond drilling is recommended to evaluate the more promising looking mineral occurrences. The total cost is estimated at \$ 9,100.00.

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GLADE EXPLORATIONS LTD.
SCADDING TOWNSHIP PROPERTY
ONTARIO

INTRODUCTION

This is a report on a group of claims located in Scadding Township near Sudbury, Ontario that are owned by Glade Exploraions Ltd.

The purpose of this report is to summarize the geology of the property, its exploration history and state, and to recommend a program for its further exploration.

This report is based on the following sources of information :

1. Geological Report No. 2, Maclellan and Scadding Townships, by J. E. Thompson, published by the Ontario Ministry of Natural Resources.
2. Conversations with Mr. Eric Lakestrom, Ontario Land Surveyor, Mr. Archie Weirmeir, prospector, and Mr. Ed Rose, geological student, Cambrian college, all of Sudbury, Ontario.
3. An examination of the assessment work records maintained by the Ontario Ministry of Natural Resources.
4. A personal examination of a portion of the claim group made on July 6, 1972.

PROPERTY AND LOCATION

The property consists of 12 mining claims numbered as follows:
S 345386 to S 345385 inclusive, and
S 345504 and S 345505.

The property is located in lots 5 and 6, Concession II, Scadding Township, Sudbury Mining Division, Ontario. It has an area of about 480 acres.

ACCESS AND FACILITIES

Access to the property is by car or truck departing from Highway 17 between Wanapitei and Hagar via the Kukagami Lake road for a distance of about 10 miles. An unimproved and abandoned road leads southwestward from the Kukagami Road through the northern part of the property.

There is no mining equipment or facility of note on the property.

HISTORY AND DEVELOPMENT

Old pits and trenches and four older core drill casings attest to earlier exploration but none of the results of this work are available today.

Current interest in the property is the result of the recent rise in the free market price for gold. A few years ago, Mr. Eric Lakestrom purchased the Ontario Land Surveying business formerly owned by Mr. R. W. DeMorest, O.L.S. P. Eng. A search of the survey records compiled by Mr. DeMorest about 50 years ago was undertaken by Mr. Ed Rose, Cambrian College student. Mr. DeMorest's records showed that the present Glade property contained occurrences of visible gold. Mr. Rose and Archie Weirmeir, prospector, located the property, its old trenches, etc. ran a pace and compass survey, confirmed the presence of gold by grab sampling and then staked the present group of claims. The current exploration program herein recommended is a result of this investigation.

GENERAL GEOLOGY

The general geology of Scadding Township is recorded on Map 2009 published by the Ontario Ministry of Natural Resources.

As mapped, the rocks consist of sediments (conglomerate and argillaceous limestone) of the Sudbury Series intruded by dikes and sills of Killarnean Age gabbro. However, on the property one can see Keewatin type volcanics including pillow lavas and beds of tuff. All of these rocks trend slightly north of west and dip steeply to the north.

ECONOMIC GEOLOGY

There are two widely different types of mineral occurrences on the property. First, quartz fissure veins which are known to carry gold, and second, disseminated occurrences of sulphides in the gabbro which carry copper, nickel and cobalt values.

There are two prominent gold bearing quartz veins and of these two the one described originally by Mr. DeMorest and centered in the southern part of claim S-345387 is the more promising. DeMorest recorded 12 occurrences of visible gold over a length of about 110 feet. Grab sampling by Ed Rose returned 1.22 oz. of gold per ton where Mr. DeMorest indicated an occurrence of visible gold.

An examination of the old pits and trenches now badly sluffed and overgrown, indicate the presence of a quartz fissure vein ranging from about 1 foot to at least 4 feet in width, which, with its laddering structure, produces local apparent widths in excess of 10 feet. The fissure vein structure, which is roughly conformable to the enclosing sediments, narrows to the east, to the west, it trends into a relatively narrow (4 to 8 feet) topographic depression within which it may or may not continue. The quartz tends to be bluish and glassy in appearance and locally one can find specimens very rich in fine grained pyrite.

The second gold occurrence, which may be of significant size, is located on claim S-345389. Here, a very long and deep trench is so badly sluffed that one has no idea of what it contains except at one location where a great deal of vein quartz is found. The vein quartz is very similar to that found at the other gold location and a grab sample collected by Rose returned 1.18 oz. per ton. No "in place" vein quartz can be seen.

There is considerable shearing in evidence in the host rocks of both the gold occurrences and it is possible that the two zones have an on echelon relationship within a broad zone of shearing. Geological mapping will answer this question.

A number of other quartz veins were grab sampled by Rose. These returned values as follows : "0.44, 0.005, 0.02, 0.005 0.01, 0.01, 0.15, and 0.10 ounces of gold per ton."

For the most part these grab samples were taken from narrow shearings and small quartz veins whose beginnings and endings can be seen on surface.

The second type of mineral occurrence on the property is the disseminated sulphides in gabbro type. Mineral occurrences of this type are widespread throughout several townships to the east of the Sudbury basin. The so-called Nipissing Killarnean "gabbro" intrusives lying east and north of the Sudbury Basin, are complex series of intrusive sills, stocks, and dikes and include a wide variety of rock types such as quartz diorite, diorite, diabase, gabbro and anorthosite. Within these rocks disseminated sulphide, chiefly pyrite, pyrrhotite and chalcopyrite, are common minor constituents. Where the minor constituents of the intrusive rocks have become concentrated, a base metal mineral occurrence is the result.

There are several such occurrences on the Glade property and, judging by the condition of the pits and trenches, some of these occurrences have been opened up in recent years.

Grab sampling on one of the sulphide showings lying south of the main gold occurrence produced the following assays results: 0.005 oz. gold per ton; 0.26 oz. silver per ton; 2.6% copper per ton; 0.74% nickel per ton; and 0.012% cobalt per ton.

A rather attractive zone of this type is located on claim S-345389 on the edge of a swamp. Here the rusty weathered intrusive rock borders a swamp and neither the strike length nor the width of the rusty zone can be determined.

CONCLUSIONS AND RECOMMENDATIONS

1. The preliminary prospecting work done by Messrs. Rose and Weirmeir has more or less substantiated the gold indications recorded on the DeMorest survey. Other gold occurrences have been located as have some copper-nickel occurrences.
2. The known mineral occurrences should be mapped on 50 scale using a 100 foot picket line grid for control. This should be followed by preliminary magnetic and VLF electromagnetic surveying which will aid in mapping rock types and shear structures through overburdened areas.
3. A short hole drill program would be the quickest and cheapest way to sample the gold occurrences to test their overburdened strike extensions.

COST ESTIMATES

1. Line Cutting - 100 foot lines on approx. 1 claim area - 4 miles @ \$100/miles	\$ 400
2. Geological mapping and prospecting	\$ 600
3. Ronka RM and Mag. surveying	\$ 850
4. Approx. 800 feet od diamond drilling @ \$7/ft.	\$5600
5. Logging, sampling, assaying and engineering	\$1200
6. Travel and contingency expenses	<u>\$ 450</u>
	<u><u>\$9100</u></u>

My report is respectfully submitted.

Willowdale, Ontario
July 21, 1972

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

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GLADE EXPLORATIONS LTD.

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Interest in the property was aroused by Mr. Eric Lackstrom, G.S.S. who, several years ago, purchased the Ontario Land Surveying business of Mr. R.W. DeForest. Mr. DeForest's survey work of 1927 showed a trrenched area with 12 visible gold occurrences in Scadding Township. A ground search by Archie Weirneir, prospector, and Ed Rose, Carleton College student, located the old trenches. Grab sampling by Rose confirmed the presence of gold and a pace and compass survey by Weirneir roughly correlated a number of widely spaced trenches and pits.

The rocks underlying the claims are ^{Archean} Precambrian volcanics, sediments of the ^{Horonian} Sudbury Series and ^{Algonquin} Algonquin gabbro intrusives. Two types of mineral occurrence are located on the property: gold-bearing quartz fissure veins and copper nickel bearing sulphides disseminated in gabbroic rocks. Of the two types of mineral occurrence, the gold quartz veins offer the most immediate promise as these have given indications of carrying high values.

A program of limited prospecting, mapping, geophysical surveying and diamond drilling is recommended to evaluate the more promising looking mineral occurrences. The total cost is estimated at \$9,100.00.

GLADE EXPLORATIONS LTD.
SCADDING TOWNSHIP PROPERTY
ONTARIO

INTRODUCTION

This is a report on a group of claims located in Scadding Township near Sudbury, Ontario, that are owned by Glade Explorations Ltd.

The purpose of this report is to summarize the geology of the property, its exploration history and state, and to recommend a program for its further exploration.

This report is based on the following sources of information:

1. Geological Report No. 2, MacLennan and Scadding Townships by J.E. Thomson, published by the Ontario Ministry of Natural Resources.
2. Conversations with Mr. Eric Lackstrom, Ontario Land Surveyor, Mr. Archie Weirneir, prospector, and Mr. Ed Rose, geological student, Cambrian College, all of Sudbury, Ontario.
3. An examination of the assessment work records maintained by the Ontario Ministry of Natural Resources.
4. A personal examination of a portion of the claim group made on July 6, 1972.

PROPERTY AND LOCATION

The property consists of 12 mining claims numbered as follows:

S 345386 to S 345395 inclusive, and
S 345504 and S 345505.

The property is located in lots 5 and 6, Concession II, Scadding Township, Sudbury Mining Division, Ontario. It has an area of about 400 acres.

ACCESS AND FACILITIES

Access to the property is by car or truck departing from Highway 17 between Wanapitei and Hagar via the Mukagani Lake Road for a distance of about 10 miles. An unimproved and abandoned road leads southwestward from the Mukagani Road through the southern part of the property.

There is no mining equipment or facility of note on the property.

HISTORY AND DEVELOPMENT

Old pits and trenches and four old core drill casings attest to earlier exploration but none of the results of this work are available today.

Current interest in the property is the result of the recent rise in the free market price of gold. A few years ago Mr. Eric Lackstrom purchased the Ontario Land Surveying business formerly owned by Mr. R.W. DeForest, O.L.S., P.Eng. A search of the survey records compiled by Mr. DeForest about 50 years ago was undertaken by Mr. Ed Rose, Cambrian College student. Mr. DeForest's records showed that the present Glade Property contained occurrences of visible gold. Mr. Rose and Archie Weirnafr, prospector, located the property, its old trenches, etc., ran a pace and compass survey, confirmed the

presence of gold by grab sampling and then staked the present group of claims. The current exploration program herein recommended is a result of this investigation.

GENERAL GEOLOGY

The general geology of Scadding Township is recorded on Map 2009 published by the Ontario Ministry of Natural Resources.

As mapped, the rocks consist of sediments (conglomerate and argillaceous limestone) of the Sudbury Series intruded by dikes and sills of Killarnean Age gabbro. However, on the property one can see Keewatin type volcanics including pillow lavas and beds of tuff. All of these rocks trend slightly north of west and dip steeply to the north.

ECONOMIC GEOLOGY

There are two widely different types of mineral occurrence on the property. First, quartz fissure veins which are known to carry gold, and second, disseminated occurrences of sulphides in the gabbro which carry copper, nickel and cobalt values.

There are two prominent gold bearing quartz veins and of these the one described originally by Mr. DeForest and centred in the southern part of claim S 345387 is the more promising. DeForest recorded 12 occurrences of visible gold over a length of about 110 feet. Grab sampling by Ed Rose returned 1.22 oz. of gold per ton where Mr. DeForest indicated an occurrence of visible gold.

An examination of the old pits and trenches now badly sluffed and overgrown, indicate the presence of a quartz fissure vein ranging from about 1 foot to at least 4 feet in width which, with its laddering structure, produces local apparent widths in excess of 10 feet. The fissure vein structure, which is roughly conformable to the enclosing sediments, narrows to the east; to the west it trends into a relatively narrow (4 to 8 feet) topographic depression within which it may or may not continue. The quartz tends to be bulbous and glassy in appearance and locally one can find specimens very rich in fine-grained pyrite.

The second gold occurrence, which may be of significant size, is located on claim S 345389. Here, a very long and deep trench is so badly sluffed that one has no idea of what it contains except at one location where a great deal of vein quartz is found. The vein quartz is very similar to that found at the other gold location and a grab sample collected by Rose returned 1.18 oz. per ton. No "in place" vein quartz can be seen.

There is considerable shearing in evidence in the host rocks of both the gold occurrences and it is possible that the two zones have an en echelon relationship within a broad zone of shearing. Geological mapping will answer this question.

A number of other quartz veins were grab sampled by Rose. These returned values as follows: "0.44, 0.005, 0.02, 0.005, 0.01, 0.01, 0.15, and 0.10 ounces of gold per ton."

For the most part these grab samples were taken from narrow shearings and small quartz veins whose beginnings and endings can be seen on surface.

The second type of mineral occurrence on the property is the disseminated sulphides in gabbro type. Mineral occurrences of this type are widespread throughout several townships to the east of the Sudbury Basin. The so-called ^{11/12/13/14/15} Killarnean "gabbro" intrusives lying east and north of the Sudbury Basin, are complex series of intrusive sills, stocks, and dikes and include a wide variety of rock types such as quartz diorite, diorite, diabase, gabbro and anorthosite. Within these rocks disseminated sulphide, chiefly pyrite, pyrrhotite and chalcopyrite, are common minor constituents. Where the minor constituents of the intrusive rocks have become concentrated, a base metal mineral occurrence is the result.

There are several such mineral occurrences on the Glado property and, judging by the condition of the pits and trenches, some of these occurrences have been opened up in recent years.

Grab sampling on one of the sulphide showings lying south of the main gold occurrence produced the following assay results: 0.005 oz. gold per ton; 0.26 oz. silver per ton; 2.6% Copper per ton; 0.74% nickel per ton; and 0.012% Cobalt per ton.

A rather attractive zone of this type is located on claim S 345389 on the edge of a swamp. Here the rusty

weathered intrusive rock borders a swamp and neither the strike length nor the width of the rusty zone can be determined.

CONCLUSIONS AND RECOMMENDATIONS

1. The preliminary prospecting work done by Messrs. Rose and Weirmoir has more or less substantiated the gold indications recorded on the DeMorest Survey. Other gold occurrences have been located as have some copper-nickel occurrences.
2. The known mineral occurrences should be mapped on 50 scale using a 100 foot picket line grid for control. This should be followed by preliminary magnetic and VLF electromagnetic surveying which will aid in mapping rock types and shear structures through overburdened areas.
3. A short hole drill program would be the quickest and cheapest way to sample the gold occurrences to test their overburdened strike extensions.

COST ESTIMATES

1. Line cutting 100 foot lines on approx. 1 claim area 4 miles @ \$100/mile	\$ 400.
2. Geological mapping and prospecting	600.
3. Ronka EM and Mag. Surveying	850.
4. Approx. 300 feet of diamond drilling @ \$7/ft.	5,600.
5. Logging, sampling, assaying and engineering	1,200.
6. Travel and contingency expenses	<u>450.</u>
	<u>\$9,100.</u>

My report is respectfully submitted.

H. G. Harper

Willowdale, Ontario
July 21, 1972

H. Grant Harper, P.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 entitled Glade Explorations Ltd., Scadding Township Property, dated July 21, 1972:

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 Glade Explorations Ltd.
4. My report is based on an examination of the property made on July 6, 1972 and on the sources of information listed in the body of my report.

H. G. Harper

Willowdale, Ontario
July 21, 1972

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

Rathbun Twp. - M.1071

THE TOWNSHIP
OF



900

SCADDING

DISTRICT OF
SUDBURY

SUDBURY
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND
- CROWN LAND SALT LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

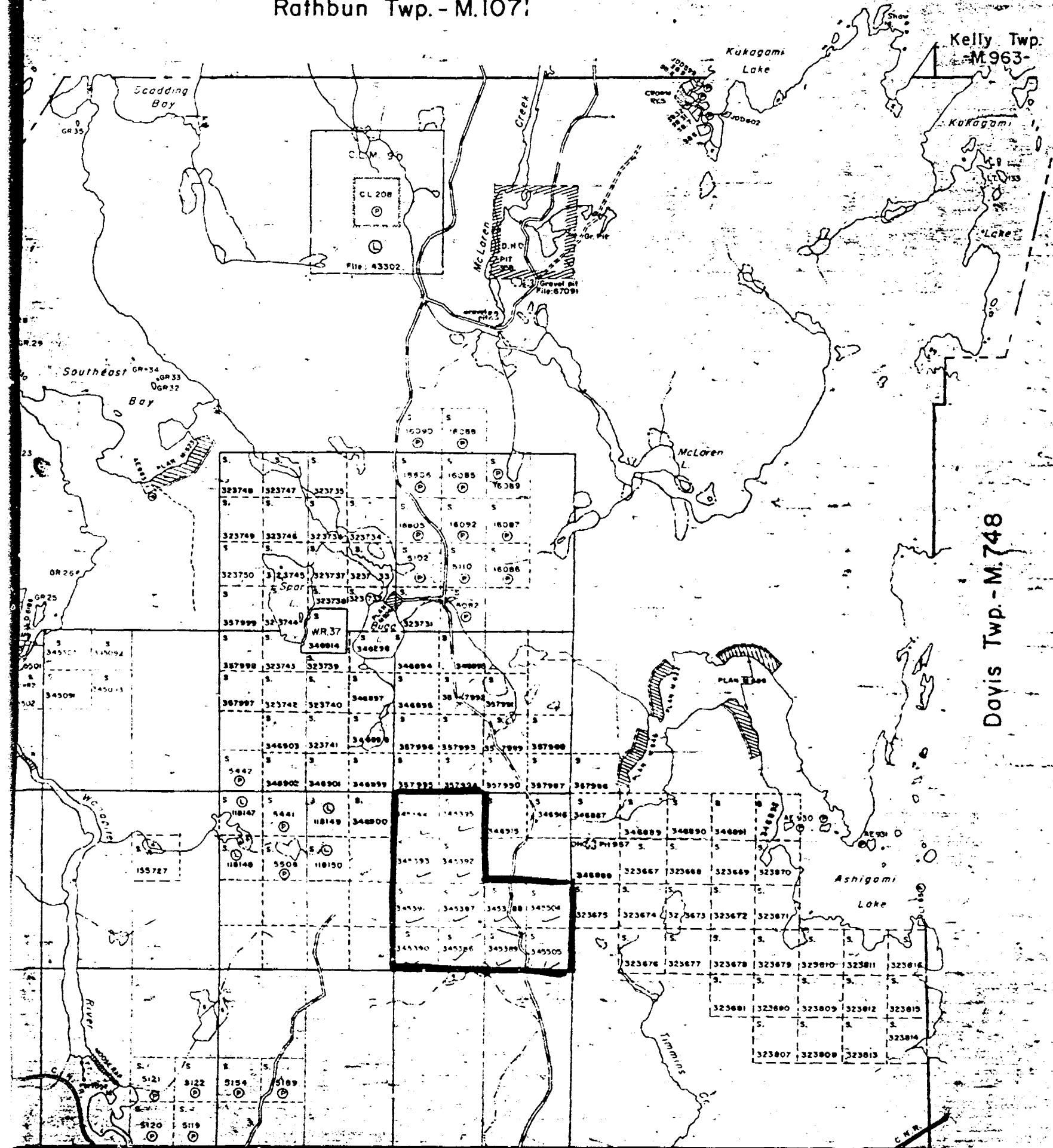
400' Surface Rights Reservation around all lakes and rivers.

Flooding rights along the shore of Wanapitei Lake and islands therein to elevation 100.6 reserved to H.E.P.C. - L.O. 6186. File: 43813.

Islands in Wanapitei Lake withdrawn from staking under Sec. 38 (c) R.S.O. 1970 of Mining Act.

Glade Explorations Ltd.

1972
MINING LANDS
DATE OF ISSUE
APR 3 1973
MINISTRY
OF NATURAL RESOURCES



Davis Twp. - M.748