



32D05SE2007 2.19205 KATRINE

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Report  
On  
The 1997 Exploration  
Program  
On The  
Row- Katrine Property  
Katrine Township  
Larder Lake Mining Division

January 22 , 1999



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## **INTRODUCTION**

This report is written for submission to the Ministry of Northern Development and Mines to fulfill the assessment work requirements for the Row- Katrine property. This report summarizes the activities completed in the period of February 10<sup>th</sup> 1997 to October 10th 1998 on un-patented mining claims numbered 1217831, and 1221775.

This report was prepared by David G. LaRocque.

## **SUMMARY**

The Row- Katrine Property in Katrine Township consists of 4 un-patented claims totaling 7 units. The Larder Lake Station road borders the Western side of the property while Row Lake borders to the East.

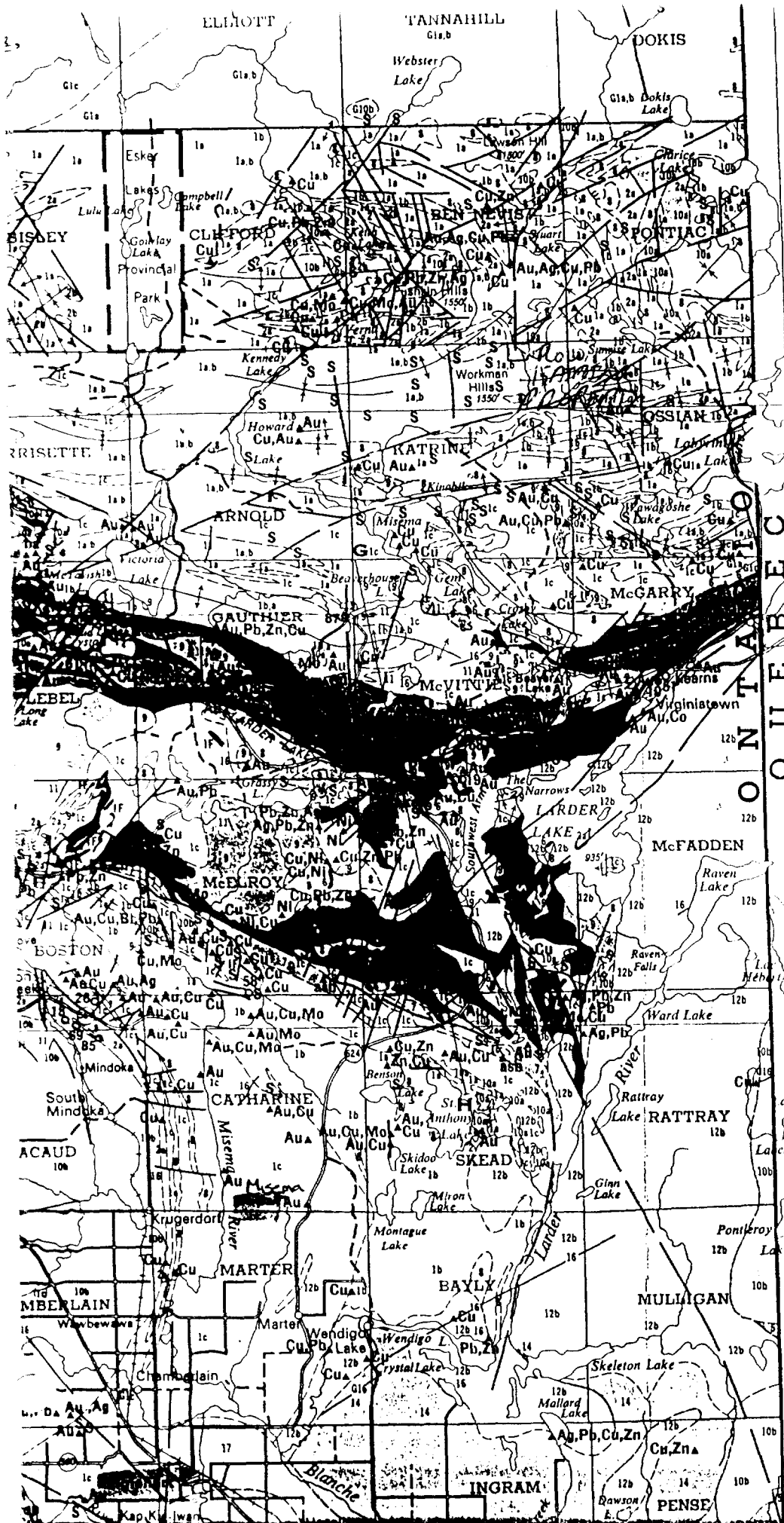
Up until the time that the current holders of the property began their exploration program, no work has been done or reported on the ground included in the property. Since this time a 6.4 km grid was cut on claims 1217831, and 1217832. This line cutting was followed by a magnetometer survey and a magnetic gradient survey.

The exploration outlined in this report includes stripping and blasting on claims 1217831 and 1221775. These areas had overburden stripped off to expose the geology and nature of any alterations in the host rock.

Total cost of this program was \$ 733.00 , employing 3 people at various times for 4 days.

## **PROPERTY LOCATION AND ACCESS**

The Row Lake Property, is located 400m South of Ben Nevis Township, claims 1221775



12b Coleman Member: congl arkose, greywacke, quartzite.

UNCONFORMITY  
**EARLY PRECAMBRIAN  
 MAFIC INTRUSIVE ROCKS<sup>d</sup>**

11 Diabase: dikes.

INTRUSIVE CONTACT  
**FELSIC INTRUSIVE ROCKS<sup>c</sup>**

- 10a Quartz porphyry, quartz porphyry, feldspar porphyry, felsited
- 10b Trondhjemite, granodiorite, monzonite: simple batholiths
- 10c Trondhjemite, granodiorite, monzonite, quartz diorite, pegmatite, migmatite: batholiths.
- 9 Syenite, monzonite, f porphyry<sup>d</sup>

**METAMORPHOSED MAFIC AND  
 ULTRAMAFIC ROCKS<sup>e</sup>**

- 8 Gabbro, diorite, lamprophy
- 7 Peridotite, dunite, pyroserpentinite<sup>f</sup>

INTRUSIVE CONTACT  
**METASEDIMENTS<sup>g</sup>**

- 6 Conglomerate, greywacke, slate, argillite<sup>h</sup>
- 5 Greywacke, siltstone, slate and minor pebbles<sup>h</sup>

**METAVOLCANICS<sup>g</sup>**  
 ALKALIC METAVOLCANICS<sup>h</sup>

- 4 Trachyte, basalt, basaltic tuff, basalt

**ULTRAMAFIC METAVOLCANICS**

- 3 Serpentinite, chert, talc, talc flow

**FELSIC METAVOLCANICS<sup>i</sup>**

- 2 Unsubdivided
- 2a Pyroclastic flows
- 2b Flows

**INTERMEDIATE AND MAFIC  
 METAVOLCANICS<sup>i</sup>**

- 1 Unsubdivided
- 1a Intermediate flows
- 1b Intermediate pyroclastic
- 1c Mafic flows and pyroclastic

IF Iron formation and ferruginous (occurs as a member of str units 1, 2, 4, and 5)

S Sulphide mineralization.

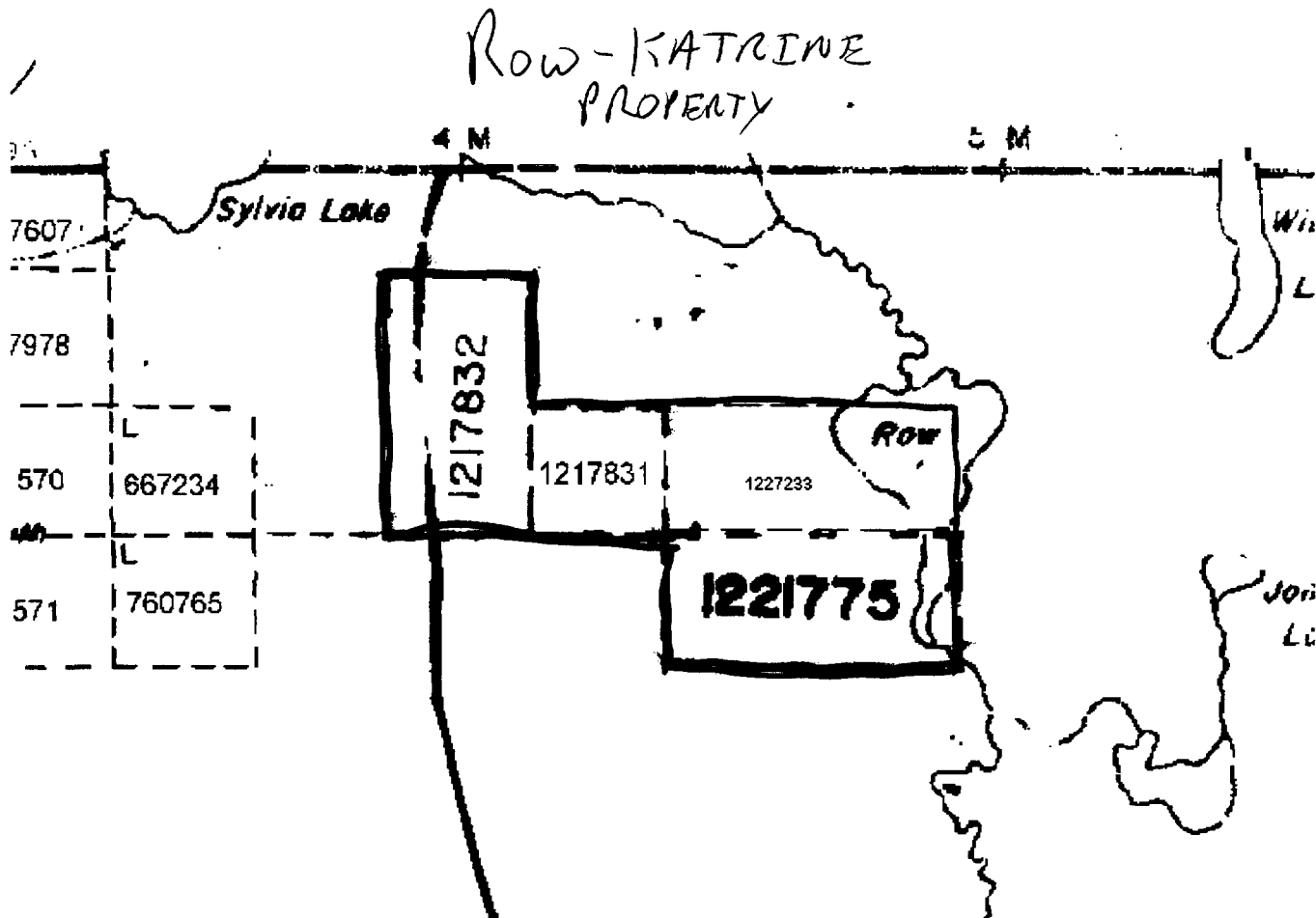
<sup>a</sup>Formerly classified as Nipissing in part.  
<sup>b</sup>North-trending dikes are part of Matachew  
<sup>c</sup>Formerly classified as Algoman.  
<sup>d</sup>Several ages; some units appear to be equivalents of volcanic formations where postdate volcanism.  
<sup>e</sup>Formerly classified as Haileyburian.  
<sup>f</sup>May in part be composed of ultramafic flow  
<sup>g</sup>Rocks in these groups are subdivided lit and the order does not necessarily imply relationship within or among groups.  
<sup>h</sup>Formerly classified as Timiskaming.  
<sup>i</sup>Formerly classified as Keelewin.

9c

9d

48°30'

10a



KATRINE  
 Twp.  
 M-357

and 1227233 adjoin Row Lake on the East and claim 1217832 adjoins the Larder Lake Station road on the West with claim 1217831 in the middle. Map references include: NTS map 32 D/4 and OBM map # 20 17 5900 53400. The property is located in the District of Timiskaming, Larder Lake Mining Division, Katrine Township.

Access to the property is achieved by traveling East from the Town of Larder Lake along highway #66, to the Larder Lake Station road. From Highway #66 any vehicle can travel North about 11 miles. Just beyond a gravel pit on the left, is the Southern border of claim 1217832. A bush road on the right leads into claim 1217832. At the building ( Land Use Permit site ) a narrow trail suitable only for walking, leads into the property to the center of claim 1221775.

### **TOPOGRAPHY AND VEGETATION**

The Row- Katrine property is made up of a wide variety of topographic features. The western border of claim 1217832 is underlain by an esker formation, while the western portion of claim 1227233 and the northern portion of claim 1217831 is covered by low swampy ground with few outcrops. The rest of the property lies within a series of ridges ranging in elevation from 326m to 384 m.

The area is heavily wooded with a large jack pine stand, spruce, tamarack and birch are spread throughout the property.

### **HISTORY**

Until the time that the present holders began a program of general exploration on the property, no assessment work had been performed. However evidence of trenching was found on the Eastern shore of Row Lake. A large pile of rock was found near the shore as though waiting to be removed by canoe. The trench is now under water due to the rise of the Little

Misema River because of beaver activity down stream from Row Lake.

During the summer of 1998, the current holders cut a 6.4 km grid over claims 1217831, and 1217832. This grid was used to conduct a magnetometer survey and a magnetic gradient survey. This survey outlined 5 anomalies recommended for further investigation.

### **PROPERTY GEOLOGY**

The majority of the property is underlain by intermediate to basic volcanic rocks. Areas containing sulphide's such as pyrite and chalcopyrite have been found on claim number 1221775 and claim number 1217831. The property however, has not yet had the geology mapped in detail.

### **DESCRIPTION OF RECENT WORK**

From the winter of 1997 and summer of 1997, a program of general exploration was carried out on the Row- Katrine property in Katrine Township. Claim number 1217831 and 1221775 had overburden stripping and trenching conducted on them.

#### **Claims 1217831**

An area measuring 8' by 6' was cleared using hand tools to reveal andesite with a large quartz-calcite vein running through it. Nothing of interest was noted in the exposed rock and further stripping was canceled. The vein has a strike of about 120 degrees. This site is located 20m north of station 450E on line N+000.

A map showing the location and dimensions of this site is located on page 11 at a scale of 1:2000.



### **Claim 1221775**

On claim 1221775 two areas were cleared of overburden and trenching was done on one of them to reveal a quartz vein system. The host rock type is believed to be basalt. This system is made up of an area of massive quartz-clacite and a series of quartz stringers interlaced with chlorite nodules with a diameter averaging 0.5cm. This area has approximately 1-2% sulphide's. The stripped area also contained significant manganese staining upon examining fresh broken surfaces. The strike of the vein system is approximately 140 degrees with a dip of 70 degrees.

The area's cleared measured approximately 6' by 10' and 10' by 10'. This work was done with hand tools .Blasting was then conducted on site "1", the resulting trench measures approximately 4' x 5' x 4'.

### **CONCLUSIONS AND RECOMMENDATIONS**

The area uncovered on claim 1221775 has shown some potential and deserves further stripping and trenching. This work however will be done after the establishment of a grid system on claim 1221775 and geophysical surveys are conducted in the spring of 1999. Assay's of rock taken from the trench and the general area exposed are also to be done in the spring.

New efforts to explore the claim are expected as work on the rest of the property has been completed to the levels hoped. New areas of mineralization found during the cutting of the grid over claim 1217831 are targets for exploration in 1999.

A brief report is expected in March 1999 focusing on a visit to the property in October 1998 by a staff member from the Resident Geologist's Office of the Ministry of Northern Development and Mines. This report will outline the visit to the sites mentioned in this report as

well as other parts of the property.

Overall the property has great potential due to the fact that no exploration work has been conducted on it.

A handwritten signature in black ink, appearing to read "David LaRocque". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David G. LaRocque  
January 22 1999

## Work Summary

### **Work was carried out as follows:**

#### **Field:**

Blasting:                    March 10 1997  
Stripping:                   July 14-15 1997

#### **Office:**

Report Prep:                October 10 1998

#### **Persons who carried out the work:**

David G. LaRocque        Larder Lake, On  
C. Jason Ploeger            Larder Lake, On  
Trevor Carr                 Larder Lake, On

**List of References**

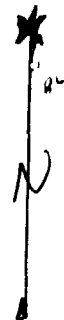
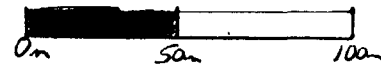
Hogg W.A. 1964. Arnold and Katrine Townships. Ontario Department of Mines. Geological Report No. 29 and Map No. 2261

Ontario Division of Mines. Timmins- Kirkland Lake Geological Compilation Series. Map 2205

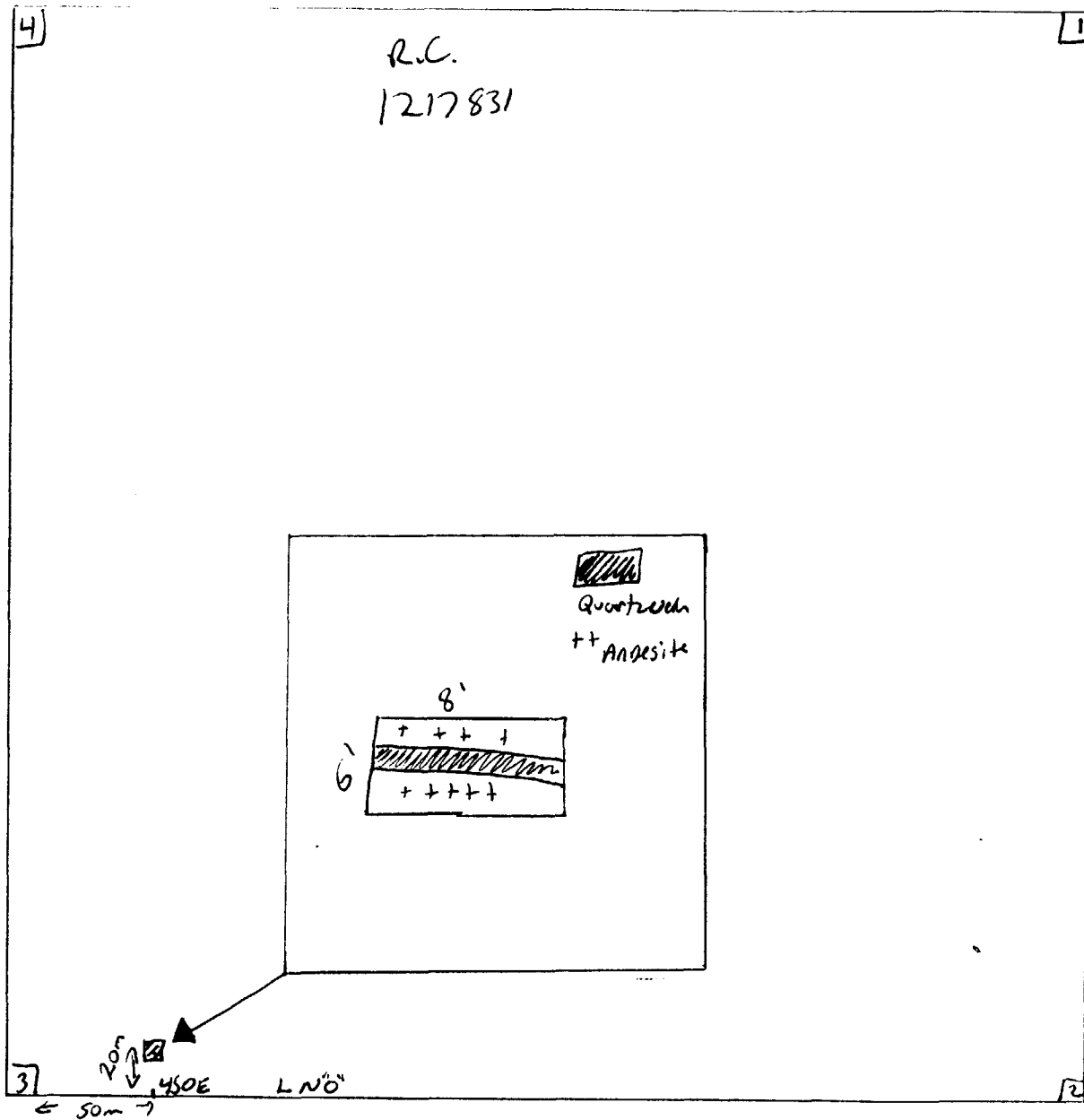
MAP OF CLAIM

1217831

1:2500

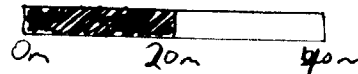


-11-

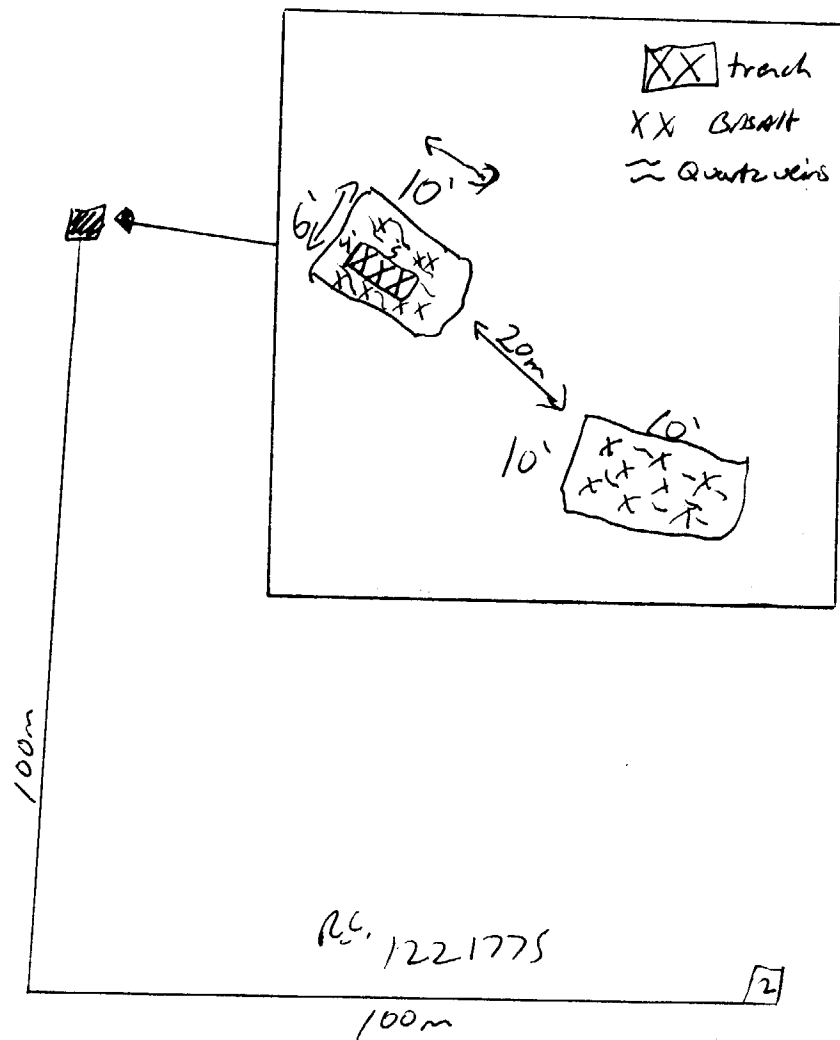


MAP OF AIR  
1221775

1:1000



12.





Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) W9980.00105 Assessment Files Research Imaging



32D05SE2007 2.19205 KATRINE 900

subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about this Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240. - Please type or print in ink.

2.19205

1. Recorded holder(s) (Attach a list if necessary)

Form with fields for Name, Address, Client Number, Telephone Number, and Fax Number for David George LaRoque and Eugene David LaRoque.

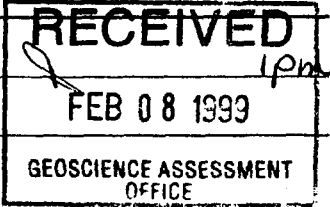
2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Form with checkboxes for Geotechnical, Physical, and Rehabilitation work types, and a table for Office Use details including commodity, value, and dates.

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Form with fields for Name, Address, Telephone Number, and Fax Number for David George LaRoque.



4. Certification by Recorded Holder or Agent

I, David George LaRoque, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Form with fields for Signature of Recorded Holder or Agent, Date, Agent's Address, Telephone Number, and Fax Number.

Deemed May 9/99

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9980.00105

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 1217831	1	\$199.00	0	\$199.00	0
2 1221775	2	\$574.00	\$773.00	0	0
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13			2.19235		
14					
15					
Column Totals	3	\$733.00	\$733.00	\$199.00	0

I, David George LaRoque <sup>773</sup>, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: David LaRoque Date: January 22 1999

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

1217831 first, then 1221775

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)		

2.19205

**Attachment List of Recorded Holders:**

**Name:** C. Jason Ploeger

**Client Number:** 301183

**Address:** 71 9<sup>th</sup> Ave Larder Lake,  
Ontario P0K 1L0

**Telephone Number:** 705-643-2511  
**Fax Number:** N/A

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

**2.19205**

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Stripping	2 people, 2 days	\$88.00	\$352.00
trenching	2 people, 1 day	\$100.00	\$200.00
<b>Associated Costs (e.g. supplies, mobilization and demobilization).</b>			
explosives, blasting caps, truck (non-per)		\$31.00	\$31.00
<b>Transportation Costs</b>			
snow machine rental	1 day	\$120.00	\$120.00
<b>Food and Lodging Costs</b>			
Lunch	X 3 days X 2 people	\$4.00	\$24.00
gasoline	4/4 km/day X 3 days	\$0.35	\$46.00
<b>Total Value of Assessment Work</b>			<b>\$773.00</b>

**Calculations of Filing Discounts:**

Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

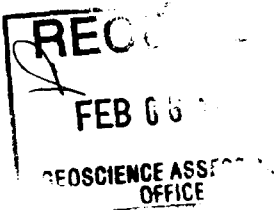
**Note:**

Work older than 5 years is not eligible for credit.

A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all part of the assessment work submitted.

**Certification verifying costs:**

David George Lalogue do hereby certify, that the amounts shown are as accurate as may reasonably determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Recorded Holder I am authorized to make this certification.  
(recorded holder, agent, or state company position with signing authority)



Signature <u>David Lalogue</u>	Date January 22 1999
-----------------------------------	-------------------------

March 29, 1999

DAVID GEORGE LAROCQUE  
125 THOMPSON BLVD  
LARDER LAKE, ONTARIO  
P0K-1L0

Visit our website at:  
[www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm](http://www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm)

Dear Sir or Madam:

**Submission Number:** 2.19205

**Status**

**Subject: Transaction Number(s):** W9980.00105 Deemed Approval

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We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at [steve.beneteau@ndm.gov.on.ca](mailto:steve.beneteau@ndm.gov.on.ca) or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY  
Blair Kite  
Supervisor, Geoscience Assessment Office  
Mining Lands Section

# Work Report Assessment Results

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**Submission Number:** 2.19205

**Date Correspondence Sent:** March 29, 1999

**Assessor:** Steve Beneteau

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<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9980.00105	1217831	KATRINE	Deemed Approval	March 18, 1999

**Section:**

10 Physical PSTRIIP  
10 Physical PTRNCH

**Correspondence to:**

Resident Geologist  
Kirkland Lake, ON

Assessment Files Library  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**

DAVID GEORGE LAROCQUE  
LARDER LAKE, ONTARIO

EUGENE DAVID LAROCQUE  
LARDER LAKE, ONTARIO

C. JASON PLOEGER  
LARDER LAKE, ONTARIO

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