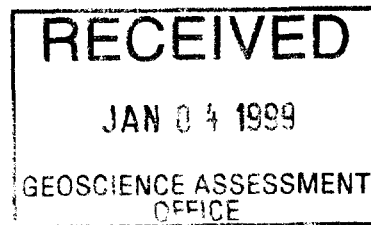


42A06NW2012 2.19097 DELORO

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REPORT OF PHYSICAL WORK
COMPLETED ON MINING CLAIMS
1207799, 850090, 850095 and 1201233
DELORO TOWNSHIP, ONTARIO

2. 1909 7



Peter Harvey
Project Geologist
Royal Oak Mines Inc.
December 22, 1998

INTRODUCTION

Physical work, consisting of recutting claim lines, was completed on four claims located in south-central Deloro Township during December, 1998. The claims are held by Royal Oak Mines Inc. and are numbered 1207799 (3 units), 850090 (1 unit), 850095 (1 unit), and 1201233 (5 units). Refer to Figure 1. These claims are part of a larger, contiguous group held by Royal Oak which was covered by linecutting and geophysical surveys during August 1997.

The distance to the property from the city of Timmins is about 25km. Access is provided via a series of logging roads off of Pine Street South which originate in northern Adams Township.

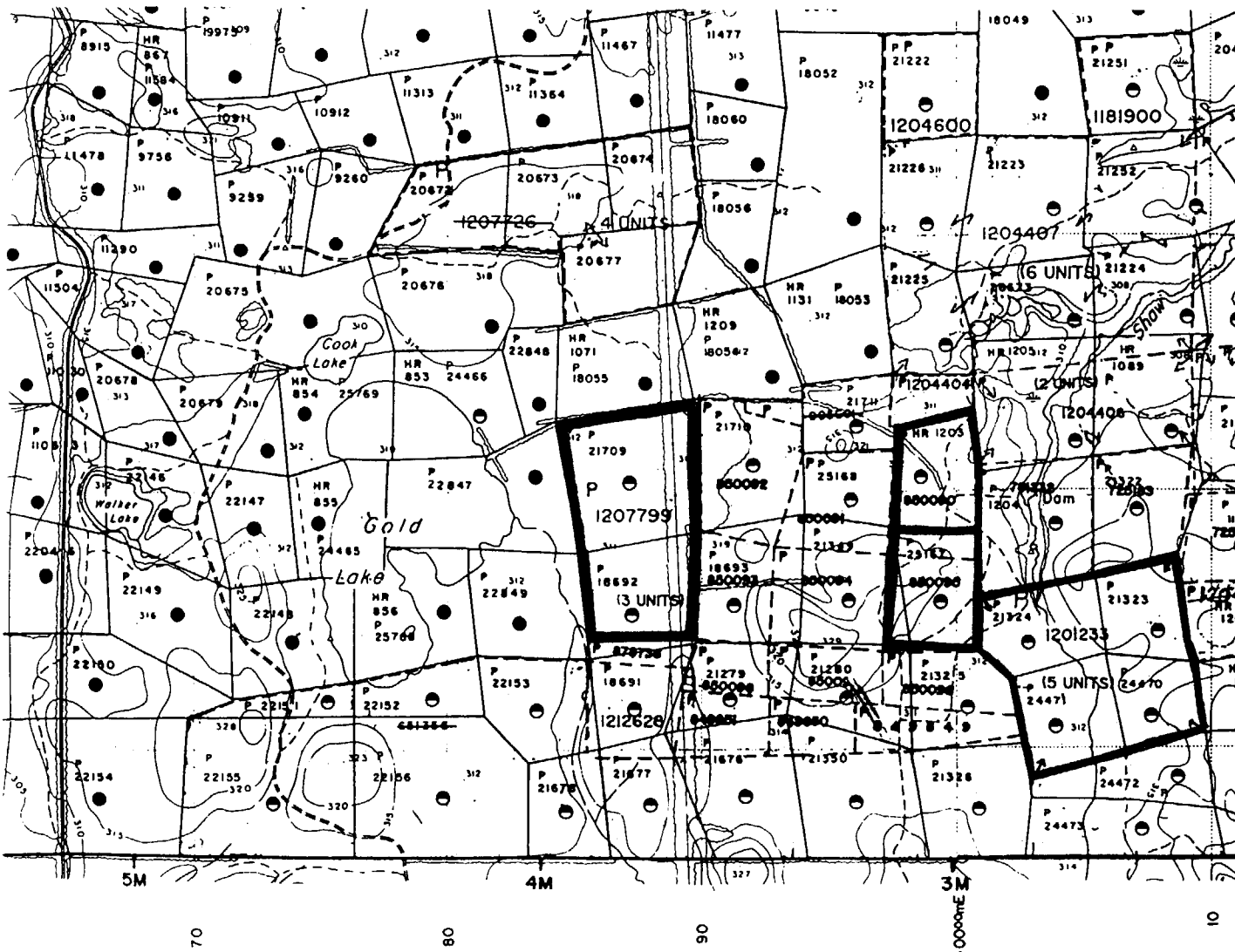
DESCRIPTION OF WORK

On December 15, 17, and 21, 1998, lines which mark the perimeter of mining claims 1207799, 850090, 850095 and 1201233 were recut by the author. The corner and line posts were marked with flagging tape.

Figures 2, 3, 4, and 5 are 1:5000 sketch maps of the individual claims which illustrate the location of claim lines, claim posts, and geographic, geologic, and exploration features.

On each claim, the location of one corner post is referenced to the local grid co-ordinates from the linecutting completed on the property in 1997.

The area marked 'TRENCHES' on claim 850095 indicates where previous work has exposed a magnesite showing which is described in Ontario Geological Report 219, Geology of the Timmins Area, (p. 105) by D.R. Pyke (1982).



ADAMS TWP.

Figure 1 Location Map
Claims 1207799, 850090,
850095, and 1201233

TOWNSHIP
DELORO
 M.N.R. ADMINISTRATIVE DISTRICT
DATE OF ISSUE,
TIMMINS OCT 23 1998
 MINING DIVISION
PORCUPINE PROVINCIAL RECORDING
 OFFICE - SUDBURY
 LAND TITLES / REGISTRY DIVISION
COCHRANE

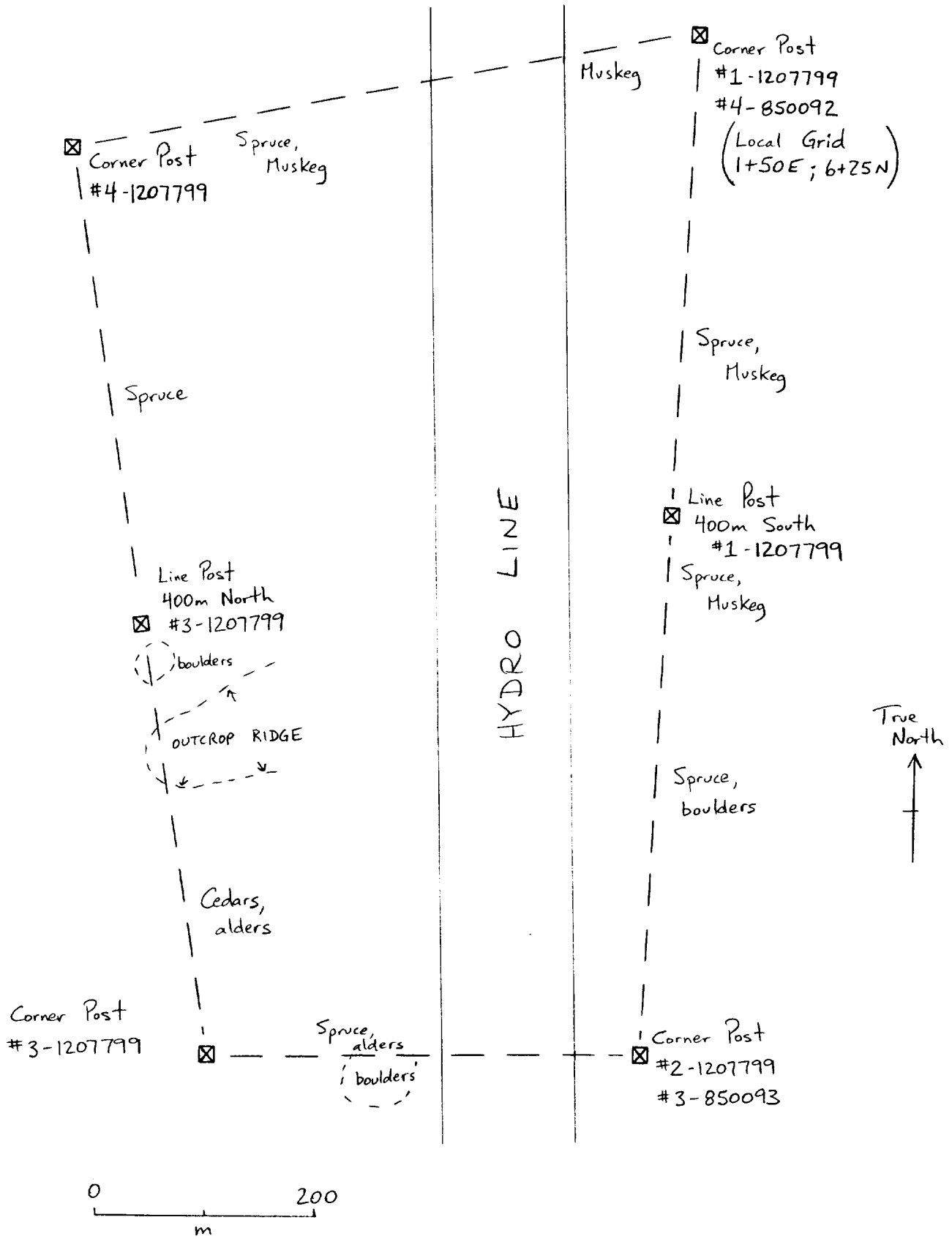


Ministry of Land
 Natural Management
 Resources Branch
 Ontario
 ACTIVATED NOV. 24/93 BY: D.C.

ORIGINAL JULY 1984
 COMPILATION

Number
G-3993

REVISED
 CHECKED BY: ARW
 Nov 25/93



1:5000

Figure 2

SKETCH MAP
 Chim 1207799 (3 units)
 Deloro Twp, Ont.
 P. Harvey Dec. 1998

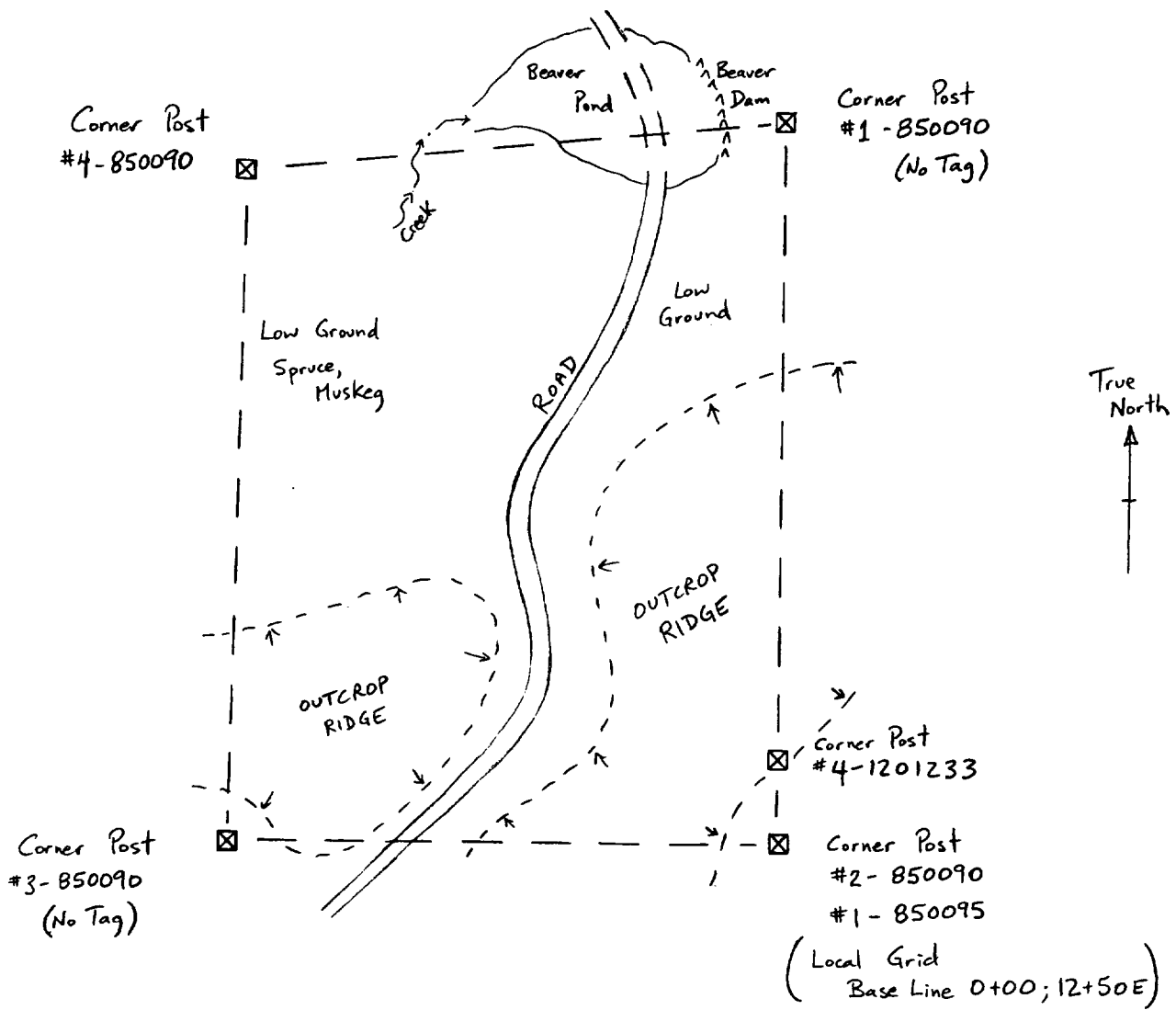


Figure 3

SKETCH MAP
 Claim 850090
 Deloro Twp, Ont.

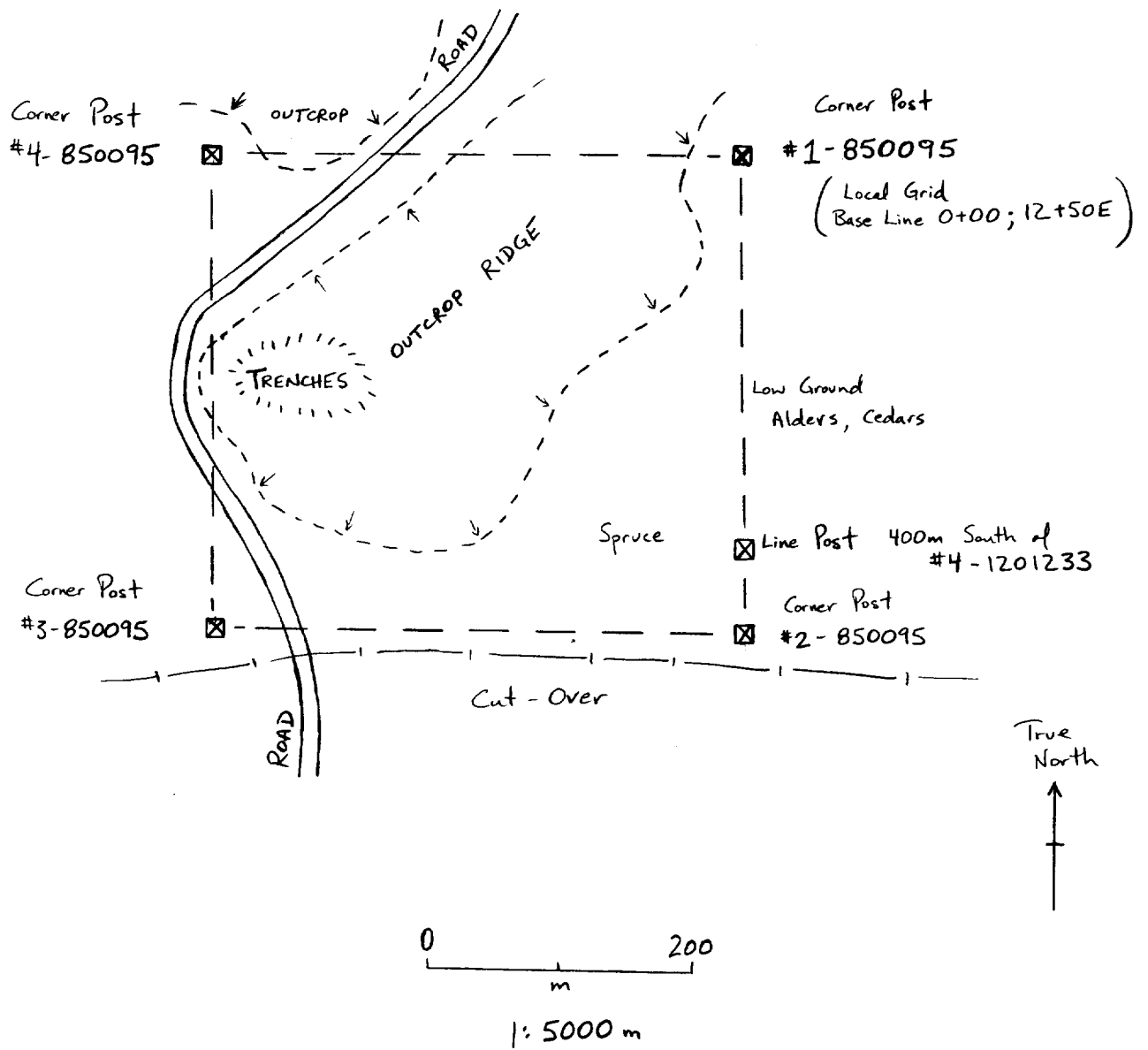
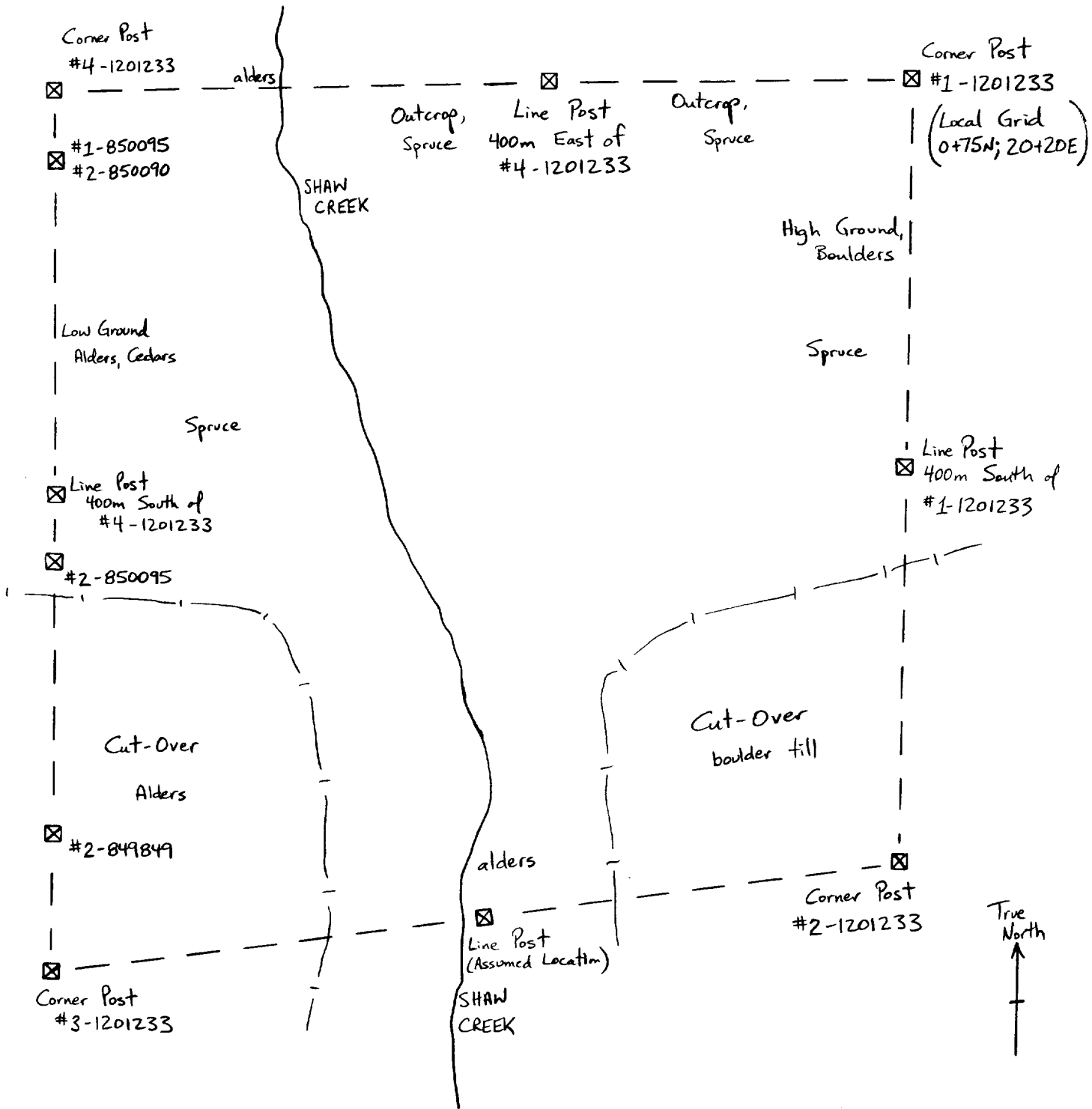


Figure 4

SKETCH MAP
Claim 850095
Deloro Twp, Ont.

P. Harvey Dec, 1978



SKETCH MAP
 Claim 1201233 (5 units)
 Deloro Twp, Ont.

P. Harvey Dec, 1918

Figure 5

Transaction Number (office use) W9960.00003
Assessment Files Research Imaging



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900

Sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this work and correspond with the mining land holder. Questions about this collection should be directed to the Assessment Files Research Imaging, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0210.
- Please type or print in ink.

2. 19097

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

Name Royal Oak Mines Inc.	Client Number 136226
Address P.O. Bag 2010 Timmins, Ontario P4N 7X7	Telephone Number 705-360-1141
	Fax Number 705-360-1532
Name	Client Number
Address	Telephone Number
	Fax Number

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

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling stripping, trenching and associated assays Rehabilitation

Work Type Recutting Claim Lines (PREcut)	Office Use
	Commodity
	Total \$ Value of Work Claimed \$800
Dates Work Performed From 15 Dec 1998 To 23 Dec 1998	NTS Reference
Global Positioning System Data (if available)	Mining Division Porcupine
Township/Area Deloro	Resident Geologist District Timmins
M or G-Plan Number G-3993	

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.

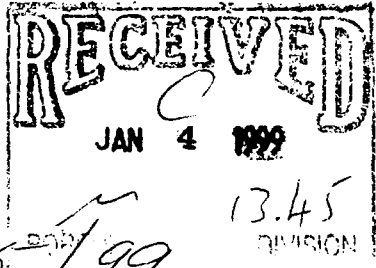
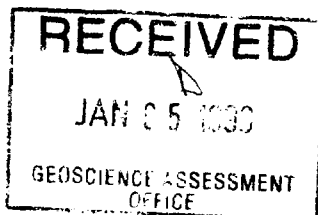
3. Person or companies who prepared the technical report (Attach a list if necessary)

Name Peter Harvey	Telephone Number 705-360-1141
Address c/o Royal Oak Mines - address as above	Fax Number 705-360-1532
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, Peter Harvey (Print Name), 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.

Signature of Recorded Holder or Agent Peter Harvey	Date Jan 4 '99
Agent's Address c/o Royal Oak Mines - as above	Telephone Number 705-360-1141
	Fax Number 705-360-1532



Document - April 5/99

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 the form.

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 1207799	3	240	0	240	0
2 1201233	5	280	0	280	0
3 850095	1	140	400		0
4 850090	1	140	400		0
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals		800	800		0

2-190971

I, Peter Harvey (Print Full Name), 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

Date Jan 4 99

6. Instructions 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):

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

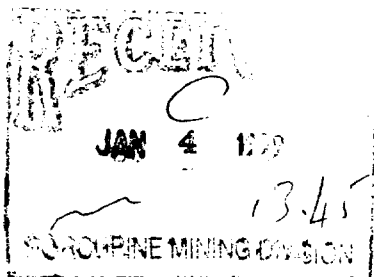
Date Notification Sent

Date Approved

Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

0241 (03/97)



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, the 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 the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.19097

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Labour	3 days	\$250/day	\$750
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Truck	167 km @ \$0.30/km		\$50
Food and Lodging Costs			
Total Value of Assessment Work			\$800

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. 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 × 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 or part of the assessment work submitted.

Certification verifying costs:

I, Peter Harvey (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Project Geologist I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Stamp: RECEIVED OFFICE

Stamp: RECEIVED JAN 4 1999 PORCUPINE MINING DIVISION

Signature: Peter Harvey Date: Jan 4 '99

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

February 11, 1999

Peter Harvey
ROYAL OAK MINES INC.
P.O. BAG 2010
TIMMINS, ONTARIO
P4N 7X7

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.19097

Status

Subject: Transaction Number(s): W9960.00003 Deemed Approval

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 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

Submission Number: 2.19097

Date Correspondence Sent: February 11, 1999

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9960.00003	1207799	DELORO	Deemed Approval	February 10, 1999

Section:
10 Physical PRECUT

Correspondence to:
Resident Geologist
South Porcupine, ON

Recorded Holder(s) and/or Agent(s):
Peter Harvey
ROYAL OAK MINES INC.
TIMMINS, ONTARIO

Assessment Files Library
Sudbury, ON
