



42A15NW8231 63.5704 POWELL

010

**REPORT on**  
**STRIPPING and SAMPLING PROGRAM**  
**102 GROUP**  
**POWELL TOWNSHIP**  
**LARDER LAKE MINING DIVISION**  
**ONTARIO**

M. Leahy

December, 1991



42A15NW8231 63.5784 POWELL

010C

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## INTRODUCTION

### Location:

The property herein described consists of 66 contiguous unpatented mining claims in north west Powell Twp. and north east Bannockburn Twp., Larder Lake Mining Division, Ontario. The claims are numbered as follows:

|           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|
| L-971909  | L-1046969 | L-1048624 | L-1048635 | L-1048700 | L-1048711 |
| L-971910  | L-1046970 | L-1048625 | L-1048636 | L-1048701 | L-1048712 |
| L-971911  | L-1046971 | L-1048626 | L-1048637 | L-1048702 | L-1048713 |
| L-979107  | L-1046972 | L-1048627 | L-1048638 | L-1048703 | L-1048714 |
| L-979108  | L-1046973 | L-1048628 | L-1048639 | L-1048704 | L-1048715 |
| L-979109  | L-1046974 | L-1048629 | L-1048694 | L-1048705 | L-1048716 |
| L-979110  | L-1046975 | L-1048630 | L-1048695 | L-1048706 | L-1048717 |
| L-979111  | L-1048620 | L-1048631 | L-1048696 | L-1048707 | L-1048718 |
| L-979112  | L-1048621 | L-1048632 | L-1048697 | L-1048708 | L-1048719 |
| L-1046949 | L-1048622 | L-1048633 | L-1048698 | L-1048709 | L-1048720 |
| L-1046950 | L-1048623 | L-1048634 | L-1048699 | L-1048710 | L-1048721 |

### Access:

Access is via Highway 565, an all-weather gravel road, which traverses the North part of the property. The town of Matachewan lies about 10 miles to the east along Highway 565. The Montreal River (Mistinikon Lake) lies immediately to the east and the Temagami land caution lies to the south and east.

### History:

The property was first worked by Nautilus Exploration in 1972. Covering part of the Powell portion of the present property, the group was mapped, had Mag and VLF surveys performed and was subject to several shallow diamond drill holes with inconclusive results. In 1984, Johns Manville did a small program of Mag and VLF EM-16 surveys, geological mapping and sampling on The Galer area in Bannock-

History, cont'd.:

burn township. After lying dormant for several years, part of the Nautilus area was staked by M. Leahy and F. Kiernicki and optioned to Can-Mac Exploration, in 1987. A modest stripping program at that time resulted in the discovery of a gold showing just north of the syenite intrusion in altered cherts and basalts with assays as high as 0.66 oz/Au/ton. The property was next optioned by Newmont Exploration of Canada, in 1988, who conducted a Mag survey over a now enlarged group of 102 claims, induced polarization over the original 17 claims worked by Can Mac, and seven diamond drill holes. Only anomalous gold values were encountered in drilling and the option was allowed to lapse in 1989. A modest stripping program was then conducted by F. Kiernicki and M. Leahy, in 1990. This program resulted in extending the known gold zone to the west and the discovery of a massive sulfide zone about 2,000 feet east of the gold showing. Only anomalous base metal values were obtained from this new sulfide showing but previously untested airborne EM conductors to the east along strike have aroused more interest as base metal targets. In 1991, as a result of the Robertson Twp. volcanogenic massive sulfide discovery, renewed interest in the area resulted in the optioning of 37 of the 102 claims covering the eastern 1/3 of the property. These 37 claims include the massive sulfide showing and the airborne EM conductors. The remaining 65 claims remain unoptioned and were the subject of yet another stripping program in 1991, by M. Leahy and F. Kiernicki.

## GEOLOGY

The Powell property is situated in the Matachewan area within the southwest Abitibi greenstone belt. Matachewan is a former gold mining camp which had two medium sized producers; the Young- Davidson and Matachewan Consolidated mines produced a total of 9 million tons grading a little over 0.1 oz/Au/ton. The Ryan Lake Mine, just west of Matachewan, produced over 4,753,650 pounds of copper, 1,309 oz of gold and 34,589 oz of silver. The Matarrow base metal mine shipped 40,000T to the Matachewan Consolidated mill. Extender Minerals operates a small Barte mine on the shore of Mistinikon Lake. The property is predominantly underlain by a series of E-W striking mafic volcanic flows which dip steeply and face north. Narrow lenses of argillite and cherts occur along the north edge of a magnetic felsic stock. The Main Showing is within cherts and altered basalts within 300 feet of the north edge of the stock and just south of the 'carbonate' zone. Alteration in this area consists of carbonate, sericite, chlorite, silica and pyrite rich zones. Gold is found with pyrite in shear zones cutting altered basalts and sediments.

## **PURPOSE OF 1991 PROGRAM**

The 1991 trenching program was intended to map the north contact of the stock and to search for extensions of the known gold zone to the east. Trenching was done because I.P. and magnetic surveys did not respond to the gold zone.

## **TRENCHING and SAMPLING PROGRAM**

A John Deere 792 excavator with a toothless 1.5 yard bucket was used to expose bedrock at six sites along the favourable horizon. Trenches vary in depth from 0.5M - 3M averaging 1.5M.

1. Main Showing: Can Mac trenches A & B were connected from the main showing west for 50M. Twelve samples were taken from shears running E-W. This area was washed before mapping and sampling. (Plan B).

2. L250E: A new trench was dug exposing the stock, a band of mafic flows and the 'carbonate' zone. Two samples were taken. (Plan A).

3. L50E: A new trench was dug exposing the stock, mafic flows and the 'carbonate' zone. Seven samples were taken. (Plan A).

4. L0: A new trench was dug exposing mafic flows and the 'carbonate' zone. Three samples were taken. (Plan A).

5. 160W: A new trench was dug exposing the 'carbonate' zone. Two samples were taken. (Plan A).

6. 240W: A new trench was dug exposing the stock, mafic flows and the 'carbonate' zone. Nineteen samples were taken. (Plan C).

## RESULTS OF PROGRAM

With the exception of the main showing area assay results were disappointing. The north end of the 240W trench looked so good (silicified, pyritized, fractured) that it was sampled, assayed and check assayed then resampled to ascertain the complete absence of gold. This zone closely resembles the main showing area where, in places, gold is found in highly silicified and pyritized rocks. Some low but anomalous values were found elsewhere but no follow-up was done since only the main showing was washed and the remaining trenches were partly covered with loose dirt.

## CONCLUSIONS

The 1991 program succeeded in mapping the area north of the stock for a strike length of 1 km, demonstrating the persistence of strong alteration zones and anomalous gold values along this horizon. Washing the main showing area revealed a strengthening and widening of the gold bearing shear zones where they join together at 650 E + 675 S. No work has been done east of the main showing because of an overburden filled bedrock depression prevented continuous striping in that direction. Can-Mac trench C was not dug far enough south to cut the strike extension of the main showing.

## RECOMMENDATIONS

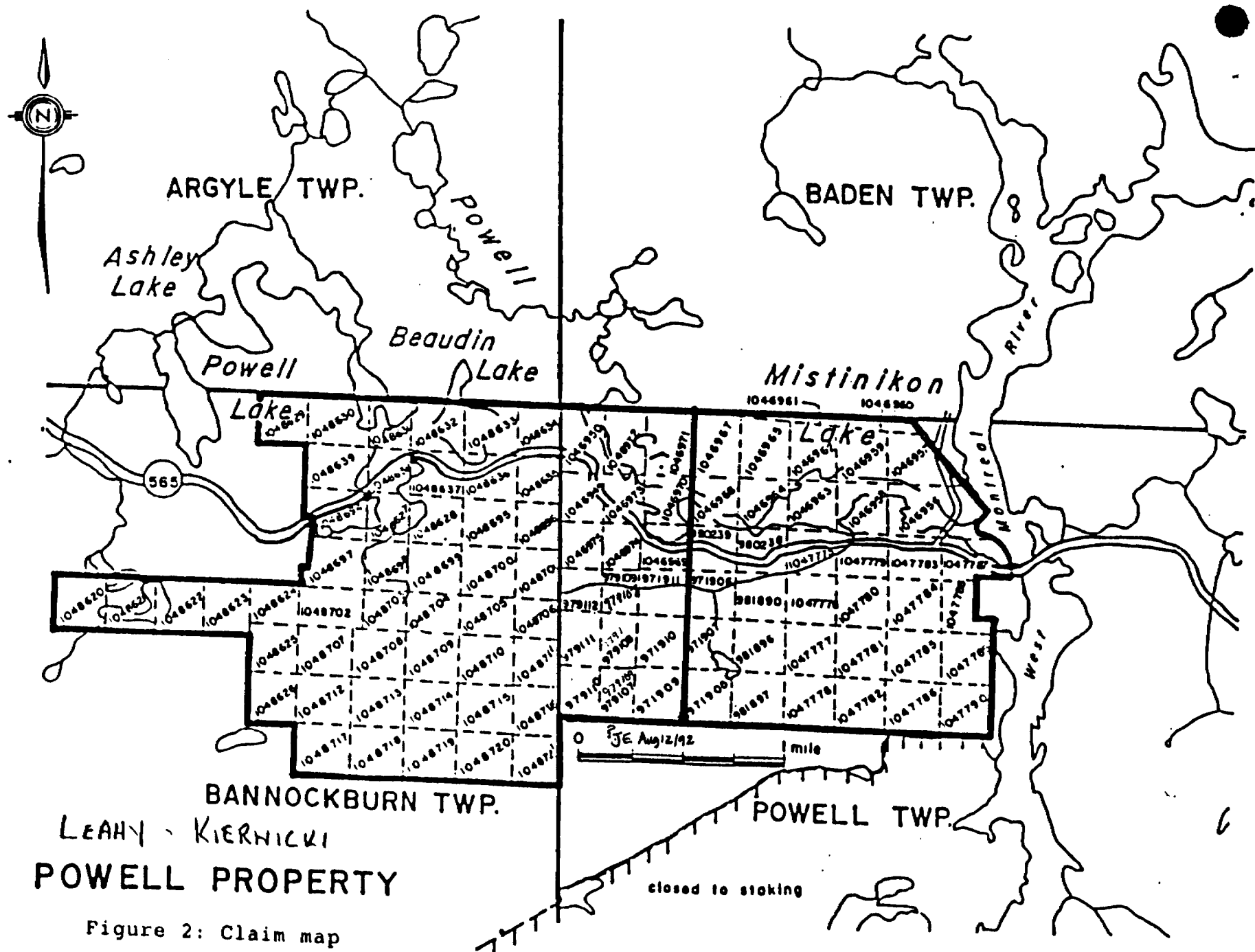
1. Wash and do further sampling of 1991 trenches.
2. Extend main showing trench eastward across bedrock depression.
3. Dig new trenches east of main showing at 100M intervals for 500M.
4. Extend Can-Mac trench C south to stock across favourable horizon.

*Michael Leahy*  
*Dec 91*

Appendix I

**REFERENCES**

1. Nautilus Explorations Ltd., Kirkland Lake Resident Geologist's Assessment Files, Mag, VLF, Mapping, DD, 1972.
2. Johns Manville Canada Inc., Kirkland Lake Resident Geologist's Assessment Files, Mag, VLF, Map, 1981.
3. Can-Mac Exploration, Kirkland Lake Resident Geologist's Assessment Files, Stripping, 1988.
4. Newmont Exploration of Canada, Kirkland Lake Resident Geologist's Assessment Files, Mag, I.P., DD, 1989.
5. F. Klernicki, Kirkland Lake Resident Geologist's Assessment Files, Stripping, 1990.
6. H. Lovell Property examination, Kirkland Lake Resident Geologist's Files, Mapping, 1990.
7. Geology of Matachewan Area, GR51 ODM, Map 2110, Lovell, 1967.
8. Airborne Mag and EM Survey, ODM Preliminary Map 1022, Powell Twp., 1975.
9. Structural Interpretation by W. Powell, Queen's University, 1989.



**POWELL PROPERTY**

LEAHY - KIERNICKI

Figure 2: Claim map



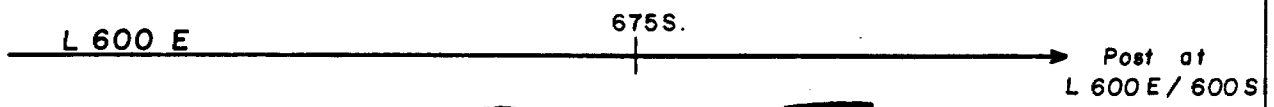


# PLAN of 1991 STRIPPING

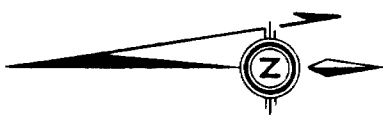
"MAIN SHOWING"

## POWELL PROJECT

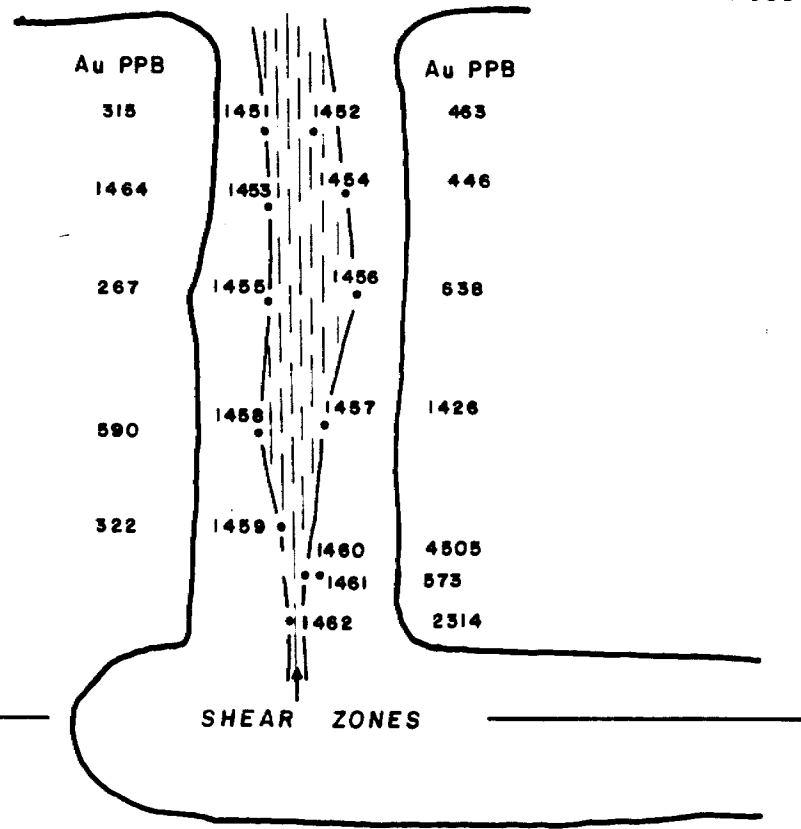
L - 979107 ? 979109  
JE 12/8/92



L - 971909



MAGNETIC DECLINATION  
9°00' W.



SCALE: 1:500



675 S

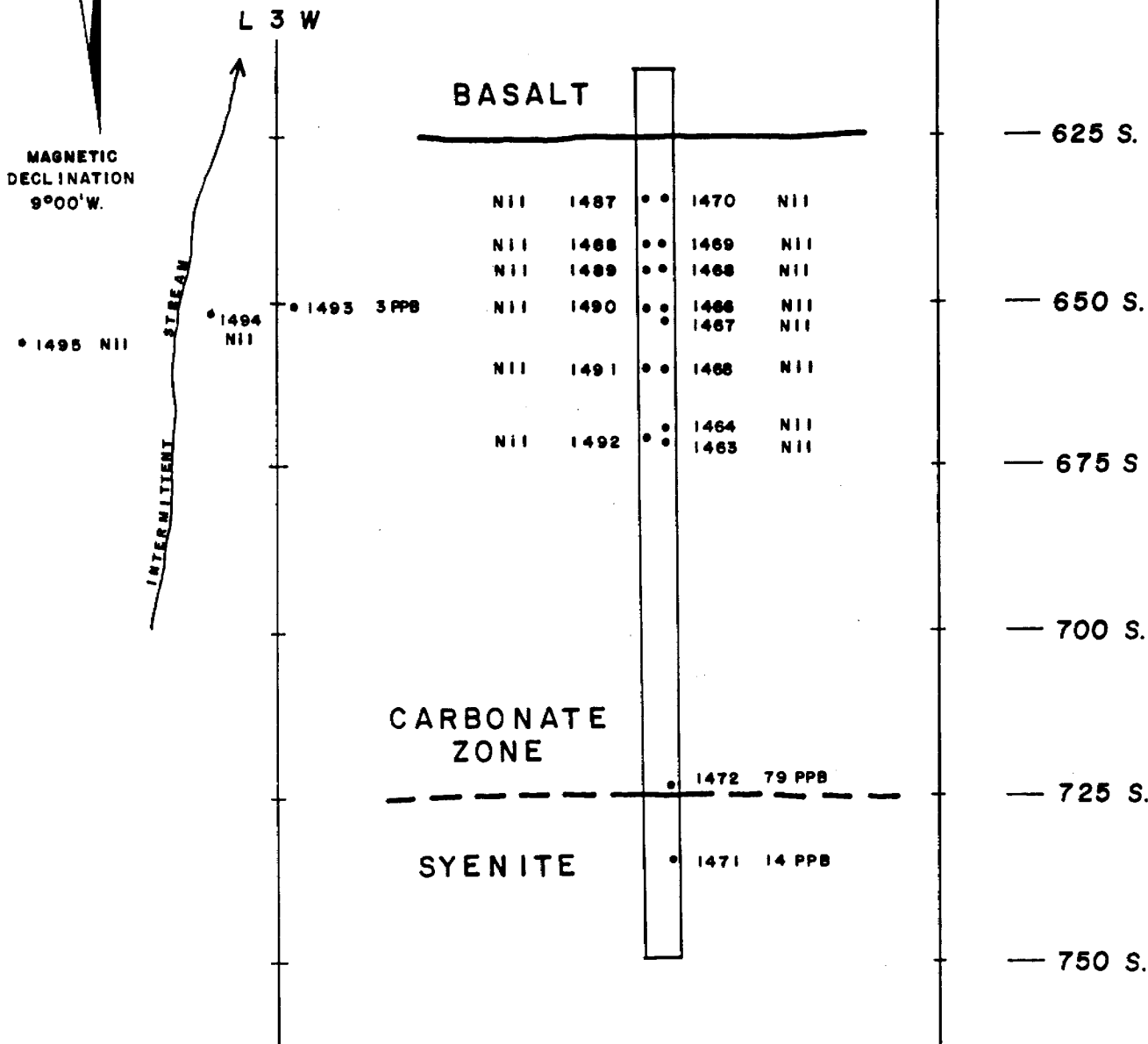
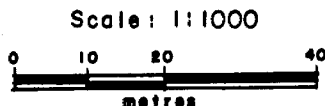
*Michael Lecky 91*

# PLAN of 1991 STRIPPING & SAMPLING

## 240 W. TRENCH

BANNOCKBURN TWP.

L 2 W



SAMPLE LOCATION → ● → SAMPLE No. 1492 79PPB (Au) ASSAY

*Michael Leahy 01*

POWELL TOWNSHIP

SAMPLE DESCRIPTIONS, 1991

| SAMPLE NO. | LOCATION    | DESCRIPTION  |                    | Au PPB       |
|------------|-------------|--|--------------------|--------------|
| 1451       | 676S + 610E | 1' shear, rusty, carbonatized chensed.               | <1% py             | 315          |
| 1452       | 675S + 610E | rusty, sheared, carbonatized chensed.                | 1% py              | 463          |
| 1453       | 675S + 616E | sheared, carbonatized chensed.                       | >1% py<br>check    | 1464<br>1646 |
| 1454       | 675S + 614E | cherty, carbonatized, red & gray banded<br>chensed.  | 1 - 2% py          | 446          |
| 1455       | 675S + 622E | rusty shear gouge                                    | 1% py              | 267          |
| 1456       | 675S + 622E | gray, cherty, carbonatized chensed.                  | 1% py              | 638          |
| 1457       | 675S + 625E | cherty, carbonatized chensed.                        | >1% py             | 1426         |
| 1458       | 675S + 628E | rusty, carbonatized chensed.                         | 1% py              | 590          |
| 1459       | 675S + 636E | gray, cherty, carbonatized chensed.                  | 2% py              | 322          |
| 1460       | 675S + 639E | dark, cherty, rusty, carbonatized<br>chensed.        | 2 - 5% py<br>check | 4505<br>4183 |
| 1461       | 675S + 639E | gray, carbonatized, cherty chensed.                  | <1% py             | 573          |
| 1462       | 675S + 642E | rusty, sheared, carbonatized chensed.                | 1% py<br>check     | 2314<br>2403 |
| 1463       | 240W + 671S | red & gray, rusty, carbonatized,<br>sheared chensed. | 1% py              | NIL          |
| 1464       | 240W + 669S | red & gray, rusty, carbonatized,<br>sheared chensed. | 1 - 2% py          | NIL          |
| 1465       | 240W + 659S | rusty, gray, silicified chensed.                     | 2 - 5% py          | NIL          |
| 1466       | 240W + 651S | dark gray, silicified, fractured<br>chensed.         | 1 - 2% py          | NIL          |
| 1467       | 240W + 653S | gray, silicified, brecciated<br>chensed., QCV        | 2 - 5% py          | NIL          |
| 1468       | 240W + 645S | dark gray, silicified, fractured<br>chensed.         | 1 - 2% py          | NIL          |

POWELL TOWNSHIP  
 SAMPLE DESCRIPTIONS, 1991

2

| SAMPLE NO. | LOCATION                                 | DESCRIPTION  | Au PPB |
|------------|--|--|--------|
| 1469       | 240W + 641S                              | dark gray, banded, rusty, carbonatized, sheared chensed. 1 - 2% py | NIL    |
| 1470       | 240W + 635S                              | black, cherty, fractured, carbonatized, chensed. <1% py            | NIL    |
| 1471       | 240W + 736S                              | pink syenite   | 14     |
| 1472       | 240W + 723S                              | contact zone: syenite and carbonatized chensed.                    | 79     |
| 1473       | 650S + 112W                              | carbonatized, sericitized, brecciated chensed. <1% py              | 38     |
| 1474       | 650S + 125W                              | gray, carbonatized, sericitized chensed. spec. & py                | 51     |
| 1475       | L0 + 700S                                | carbonatized shear on contact with massive basalt and syenite      | NIL    |
| 1476       | L0 + 685S                                | dark green, carbonatized, sericitized chensed., coarse py blebs    | 41     |
| 1477       | L0 + 677S                                | rusty, sheared, carbonatized chensed. 9V spec., py blebs           | 58     |
| 1478       | L50E + 650S                              | black, silicified, carbonatized chensed. 1% py                     | 24     |
| 1479       | L50E + 680S                              | rusty green & brown, banded, carbonatized, sheared chensed.        | 7      |
| 1480       | L50E + 696S                              | rusty, crumbly shear gouge & mud seam                              | NIL    |
| 1481       | L50E + 700S                              | rusty rubble from carbonate/basalt contact shear                   | 103    |
| 1482       | L50E + 780S                              | gray, silicified sedimentary band within syenite body <1% py       | 7      |
| 1483       | L50E + 775S                              | gray, silicified sediment & syenite contact check 1% py 1029       | 1251   |
| 1484       | L50E + 750S                              | contact shear between pink syenite & massive basalt                | NIL    |
| 1485       | <sup>250</sup><br><del>L50E</del> + 660S | red & gray banded, carbonatized chensed. 1% py                     | NIL    |
| 1486       | 250E + 770S                              | contact between syenite & massive basalt                           | NIL    |

POWELL TOWNSHIP  
 SAMPLE DESCRIPTIONS, 1991

3

| SAMPLE NO. | LOCATION    | DESCRIPTION  |           | Au PPB |
|------------|-------------|--|-----------|--------|
| 1487       | 240W + 635S | gray, silicified, carbonatized,<br>fractured chensed.          | 1% py     | NIL    |
| 1488       | 240W + 641S | dark gray, banded, rusty, carbonatized,<br>silicified chensed. | 2 - 5% py | NIL    |
| 1489       | 240W + 645S | "  | <1% py    | NIL    |
| 1490       | 240W + 653S | "  | <1% py    | NIL    |
| 1491       | 240W + 659S | "  | <1% py    | NIL    |
| 1492       | 240W + 670S | "  | <1% py    | NIL    |
| 1493       | 300W + 650S | black & red banded, carbonatized chensed.                      | 1% py     | 3      |
| 1494       | 310W + 650S | gray, silicified carbonatized chensed., QV                     | 1% py     | NIL    |
| 1495       | 340W + 650S | black & red banded, silicified,<br>carbonatized chensed.       | 1% py     | NIL    |



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-4324-RG1

Company: M. LEAHY

Date: NOV-01-91

Project:

Copy 1. 139 CARTER AVE, KIRKLAND LAKE, ONT P2N2A1

Attn: M. LEAHY

We hereby certify the following Geochemical Analysis of 9 ROCK samples submitted OCT-31-91 by .

| Sample Number | Au<br>ppb |
|---------------|-----------|
| E-1487        | Nil       |
| E-1488        | Nil       |
| E-1489        | Nil       |
| E-1490        | Nil       |
| E-1491        | Nil       |
| E-1492        | Nil       |
| E-1493        | 3         |
| E-1494        | Nil       |
| E-1495        | Nil       |

Certified by *Sanna Gardner*



# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

## Geochemical Analysis Certificate

1W-4283-RG1

Company: **M. LEAHY**

Date: OCT-29-91

Project:

Copy 1. 139 CARTER AVE, KIRKLAND LAKE, ONT P2N2A1

Attn: **M. LEAHY**

We hereby certify the following Geochemical Analysis of 28 ROCK samples submitted OCT-25-91 by M. LEAHY.

| Sample Number | Au ppb | Au check ppb | Au 2nd ppb |
|---------------|--------|--------------|------------|
| E-1451        | 315    |              |            |
| E-1452        | 463    |              |            |
| E-1453        | 1464   | 1646         |            |
| E-1454        | 446    |              |            |
| E-1455        | 267    |              |            |
| E-1456        | 638    |              |            |
| E-1457        | 1426   |              |            |
| E-1458        | 590    |              |            |
| E-1459        | 322    |              |            |
| E-1460        | 4505   | 4183         | 4114       |
| E-1461        | 573    |              |            |
| E-1462        | 2314   | 2403         |            |
| E-1471        | 14     |              |            |
| E-1472        | 79     |              |            |
| E-1473        | 38     |              |            |
| E-1474        | 51     |              |            |
| E-1475        | Nil    |              |            |
| E-1476        | 41     |              |            |
| E-1477        | 58     |              |            |
| E-1478        | 24     |              |            |
| E-1479        | 7      |              |            |
| E-1480        | Nil    |              |            |
| E-1481        | 103    |              |            |
| E-1482        | 7      |              |            |
| E-1483        | 1251   | 1029         |            |
| E-1484        | Nil    |              |            |
| E-1485        | Nil    |              |            |
| E-1486        | Nil    |              |            |

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300





Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-4269-RG1

Company: MIKE LEAHY

Date: OCT-28-91

Project:

Copy 1. 139 CARTER, KIRKLAND LAKE

Attn:

We hereby certify the following Geochemical Analysis of 8 ROCK samples submitted OCT-25-91 by .

| Sample Number | Au ppb |
|---------------|--------|
| 1463          | Nil    |
| 1464          | Nil    |
| 1465          | Nil    |
| 1466          | Nil    |
| 1467          | Nil    |
| 1468          | Nil    |
| 1469          | Nil    |
| 1470          | Nil    |

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300

Appendix

**CERTIFICATE**

THIS IS TO CERTIFY:

1. I am a graduate in Prospecting Techniques from the Northern College of Applied Arts and Technology, Haileybury campus, 1976 and have completed the Haileybury School of Mines, Geophysical Field School, 1990, and the Interpretation of Ground and Airborne Geophysical Data Course, 1991. I have been active as a prospector and exploration contractor since 1974.
  
2. I am a member in good standing of the P.D.A., past president of the N.P.A., and director of O.M.E.F., and C.I.M.M.
  
3. I reside and hold office at 139 Carter Ave., Kirkland Lake, Ontario, P2N 2A1.
  
4. I have an interest in the property.
  
5. My report is based upon having personally participated in each program herein described, a review of published information on the property, consultation with local geologists and upon my familiarity and experience as a prospector in the Kirkland Lake camp.

*Michael Leaky*  
*Dec 91*

**Report of Work Conducted  
 After Recording Claim**

63.5704  
 Transaction Number  
 W 0200-00034

**Mining Act**

Personal information collected on this form is obtained under the authority of the Min  
 this collection should be directed to the Provincial Manager, Mining Lands, Minist  
 Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



42A15NW8231 63.5704 POWELL

900

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

|  |  |                                 |
|--|--|---------------------------------|
| Recorded Holder(s)<br>Michael LEAHY + FRED Kiernicki |  | Client No.<br>15818/152022      |
| Address<br>139 CARTER AVE Kirkland Lake Ont P2N2A1   |  | Telephone No.<br>705-567-4696   |
| Mining Division<br>LARDER LAKE                       | Township/Area<br>Powell + Bannockburn twps | M or G Plan No.<br>G3218 - M207 |
| Dates Work Performed<br>From: 19/10/91               | To: 25/10/91                               |                                 |

**Work Performed (Check One Work Group Only)**

| Work Group  | Type                 |
|---|----------------------|
| <input type="checkbox"/> Geotechnical Survey                          |                      |
| <input checked="" type="checkbox"/> Physical Work, Including Drilling | MECHANICAL TRENCHING |
| <input type="checkbox"/> Rehabilitation                               |                      |
| <input type="checkbox"/> Other Authorized Work                        |                      |
| <input type="checkbox"/> Assays                                       |                      |
| <input type="checkbox"/> Assignment from Reserve                      |                      |

ONTARIO GEOLOGICAL SURVEY  
 GIS - ASSESSMENT FILES  
 APR 08 1992  
**RECEIVED**

Total Assessment Work Claimed on the Attached Statement of Costs \$ 5820.00

**Note:** The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

**Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)**

| Name                      | Address                               |
|---------------------------|---------------------------------------|
| M. Leahy                  | 139 Carter Ave KL                     |
| A. MacIntyre + Assoc. Ltd | P.O. Box 517 Kirkland Lake Ont P2N3J5 |
| Swastika Laboratories     | P.O. Box 10 Swastika Ont P0K1T0       |

(attach a schedule if necessary)

**Certification of Beneficial Interest \* See Note No. 1 on reverse side**

|  |                  |   |
|--|------------------|---|
| I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder. | Date<br>Jan 8/92 | Recorded Holder or Agent (Signature)<br>Michael Leahy |
|--|------------------|---|

**Certification of Work Report**

|   |                  |   |
|---|------------------|---|
| I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true. |                  |   |
| Name and Address of Person Certifying<br>M. LEAHY 139 Carter Ave KL   |                  |   |
| Telephone No.<br>705-567-4696   | Date<br>Jan 8/92 | Certified By (Signature)<br>Michael Leahy |

**For Office Use Only**

|   |                                  |                     |                              |
|---|----------------------------------|---------------------|------------------------------|
| Total Value Cr. Recorded<br>Banded<br>45821 | Date Recorded<br>January 9/92    | Mining Recorder<br> | Received Stamp<br>JAN 9 1992 |
|   | Deemed Approval Date<br>Apr 8/92 | Date Approved       |                              |
|   | Date Notice for Amendments Sent  |                     |                              |





**Statement of Costs  
for Assessment Credit**

**État des coûts aux fins  
du crédit d'évaluation**

Transaction No./N° de transaction

**W9280.00034**

**Mining Act/Loi sur les mines**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

**1. Direct Costs/Coûts directs**

| Type  | Description                                     | Amount<br>Montant | Totals<br>Total global |
|---|---|-------------------|------------------------|
| Wages<br>Salaires   | Labour<br>Main-d'oeuvre                         |                   |                        |
|   | Field Supervision<br>Supervision sur le terrain | 1350.-            | 1350.-                 |
| Contractor's<br>and Consultant's<br>Fees<br>Droits de<br>l'entrepreneur<br>et de l'expert-<br>conseil | Type<br>Excavator                               | 3491.95           |                        |
|   | Drafting  | 56.-              |                        |
|   | Assays  | 565.76            | 4113.71                |
| Supplies Used<br>Fournitures<br>utilisées   | Type  |                   |                        |
|   |   |                   |                        |
|   |   |                   |                        |
| Equipment<br>Rental<br>Location de<br>matériel  | Type  |                   |                        |
|   | Hose + Pump                                     | 50                |                        |
|   |   |                   | 50.00                  |
| <b>Total Direct Costs<br/>Total des coûts directs</b>   |   |                   | <b>5513.71</b>         |

**2. Indirect Costs/Coûts indirects**

\*\* Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

| Type  | Description   | Amount<br>Montant | Totals<br>Total global |
|---|---------------|-------------------|------------------------|
| Transportation<br>Transport   | Type<br>Truck | 307.20            |                        |
|   |               |                   |                        |
|   |               |                   |                        |
|   |               |                   | 307.20                 |
| Food and<br>Lodging<br>Nourriture et<br>hébergement   |               |                   |                        |
| Mobilization and<br>Demobilization<br>Mobilisation et<br>démobilisation   |               |                   |                        |
| <b>Sub Total of Indirect Costs<br/>Total partiel des coûts indirects</b>  |               |                   | <b>307.20</b>          |
| Amount Allowable (not greater than 20% of Direct Costs)<br>Montant admissible (n'excédant pas 20 % des coûts directs) |               |                   |                        |
| Total Value of Assessment Credit<br>(Total of Direct and Allowable<br>Indirect costs)                                 |               |                   | <b>5820.91</b>         |

**\$5821.**

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

**Filing Discounts**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

|                                  |                          |
|----------------------------------|--------------------------|
| Total Value of Assessment Credit | Total Assessment Claimed |
|                                  | × 0.50 =                 |

**Remises pour dépôt**

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

|                                      |                            |
|--------------------------------------|----------------------------|
| Valeur totale du crédit d'évaluation | Évaluation totale demandée |
|                                      | × 0,50 =                   |

**Certification Verifying Statement of Costs**

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Recorded Holder I am authorized  
(Recorded Holder, Agent, Position in Company)

to make this certification

**Attestation de l'état des coûts**

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature Michael Leaky Date Jan 8/92

# ALEX MACINTYRE & ASSOCIATES LIMITED

## MINING CONTRACTORS

FAX 705-567-4925 P.O. BOX 517 PHONE 705-567-3266  
KIRKLAND LAKE, ONTARIO  
P2N 3J5

### I N V O I C E

Mike Leahy  
139 Carter Avenue  
KIRKLAND LAKE, Ontario  
P2M 2A1

Invoice No. : 1279  
Date : Oct 31/91  
Your P.O. No: Verbal

To Surface Excavation on your Claims Matachewan Area.

| <u>Date</u> | <u>Float</u>            | <u>JD792 Backhoe</u> | <u>Operator Travel Time</u> |
|-------------|-------------------------|----------------------|-----------------------------|
| Oct 18/91   | 3 Hrs                   | -                    | -                           |
| 19          | -                       | 8 Hrs                | 3 Hrs                       |
| 20          | -                       | 9 "                  | 3 "                         |
| 21          | -                       | 9 "                  | 3 "                         |
| 22          | <u>1.5</u> (Split Trip) | <u>5 "</u>           | <u>1.5"</u>                 |
|             | 4.5 Hrs                 | 31 Hrs               | 10.5 Hrs                    |

|             |                    |               |
|-------------|--------------------|---------------|
| Float       | 4.5 Hrs @ \$ 65.00 | \$ 292.50     |
| JD792       | 31 Hrs @ 85.00     | 2,635.00      |
| Travel Time | 10.5 Hrs @ 32.00   | <u>336.00</u> |

SUBTOTAL \$ 3,263.50

7% G.S.T. (R 100 128 164) \$ 228.45

TOTAL INVOICE **PAID** \$ 3,491.95  
\*\*\*\*\*

*Paid by Cheque  
Nov 20/91*

**ALEX MacINTYRE & ASSOC. LTD.**  
P.O. BOX 517  
KIRKLAND LAKE, ONT. P2N 3J5  
*[Signature]*