ASSESSMENT REPORT



# GEOLOGY AND GEOCHEMISTRY

## Laura Property

## Omineca Mining District

M930/5W

by

Arthur A. D. Halleran

December 1, 1989

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Appendices

## INTRODUCTION

The Laura Property is located east of Manson River on a western spur of Mt. Bisson. The property covers a series of alkalic rock units that are enriched in rare earth metals. The units range from an alkalic overprinting of the Wolverine gniesses to allanite pegmatites. The 1989 work consists of mapping a new rare earth bearing pegmatite and alkalic overprinting and to resample units of interest. The samples were than analyzed for REE by INAA. Previous work was done in 1988 (Halleran 1989).

## LOCATION AND ACCESS

The Laura Property is located in central British Columbia approximately 160 Km north of Fort St. James. Access to the area is via the Fort St. James - Manson Creek road and the Munro Creek logging road.

## CLAIM STATISTIC

The Laura 1 & 2 are two poster claims and the Laura 3 is a four poster staked unsing the modified grid system.

| CLAIM | RECORD | UNIT | DATE | OWNERS |
|---|---|---|---|---|
| Laura 1 | 8790 | 1 | Aug 14/1987 | A.A.D.Halleran |
| Laura 2 | 8791 | 1 | Aug 14/1987 | A.A.D.Halleran |
| Laura 3 | 8801 | 20 | Sept 8/1987 | A.A.D.Halleran |

These claims are included in the Laura Grouping.

## GEOLOGY

The new area mapped (see figures) consists of an allanite pegmatite about 75 metres long by 2-5 metres

wide,(93+75N-93+50E to 93+00N-93+50E). The allanite (REE mineral) occures throughout the pegmatite but varies considerably from traces to 30vol%. Surrounding this rich allanite pegmatite is an alkalic overprint unit that has allanite concentrated in mafic bands but never >1 vol%. This alkalic overprint unit is recognized in the field by its apple green pyroxenes and high vol% of sphene and rutile. Two smaller allanite pegmatites occur (92+00N-93+25E and 91+75N-94+75E) but are <25 metres long and have only traces of allanite. One of these smaller allanite pegmatites has an associated alkalic overprinted Wolverine gniess.

Other units present are; i) large bodies of coarse grained quartz feldspar pegmatites and ii) a fine grained monzonite intrusion. The host rocks are the Wolverine amphibolite gniesses and biotite schists.

## GEOCHEMISTRY

A total of 10 rock samples, 6 duplicates and 2 standards were sent to Bonder-Clegg for Inst. Neutron Activ. for the following elements; Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, U and Yb. The samples represent the average of the rock units types except for UG-7826 and UG-7911 which are representive of the allanite enriched zones of the allanite pegmatites. The samples were crushed in a jaw crusher to 1cm size and hand picked by by the writter to eliminate all the weathered surfaces and large pieces. The samples were than pulverized in a stainless

steal ring mill and than passed through a <80 mesh screen. The ring mill and screen were throughly cleaned with water and blown dry will compressed air between each sample prep. 2 grams of the rock powder was sent to Bonder-Clegg for analysis (Table ). The two standards W1 and P1 are thourghly mixed rock powders from the University of British Columbia and were unsed to test accuracy of the analysis. The 6 duplicates were used to test the precision of the analysis.

The analysis indicates the accuracy and precision of the INAA is very good. The allanite pegmatite mineralization contains >3% rare earth metals and the alkalic overprinted wolverine units also have interesting concentration of rare earth metals. Two samples, magnetite bearing pegmatite (UG-7844) and the quartz-feldspar pegmatite (UG-7835) have much lower rare earth metal concentrations but are still anomalous.

The dominant rare earth metals are athe light rare earths but heavier rare earths are also present but in very small amounts.

**CONCLUSION**

The INAA analysis is deemed to have high precision and accuracy and the REE content of the samples sent in are significant. The pegmatites and alkalic overprint units are very prospective for rare earths. Further detail prospecting and mapping of the Laura property is warranted.

REFERENCES

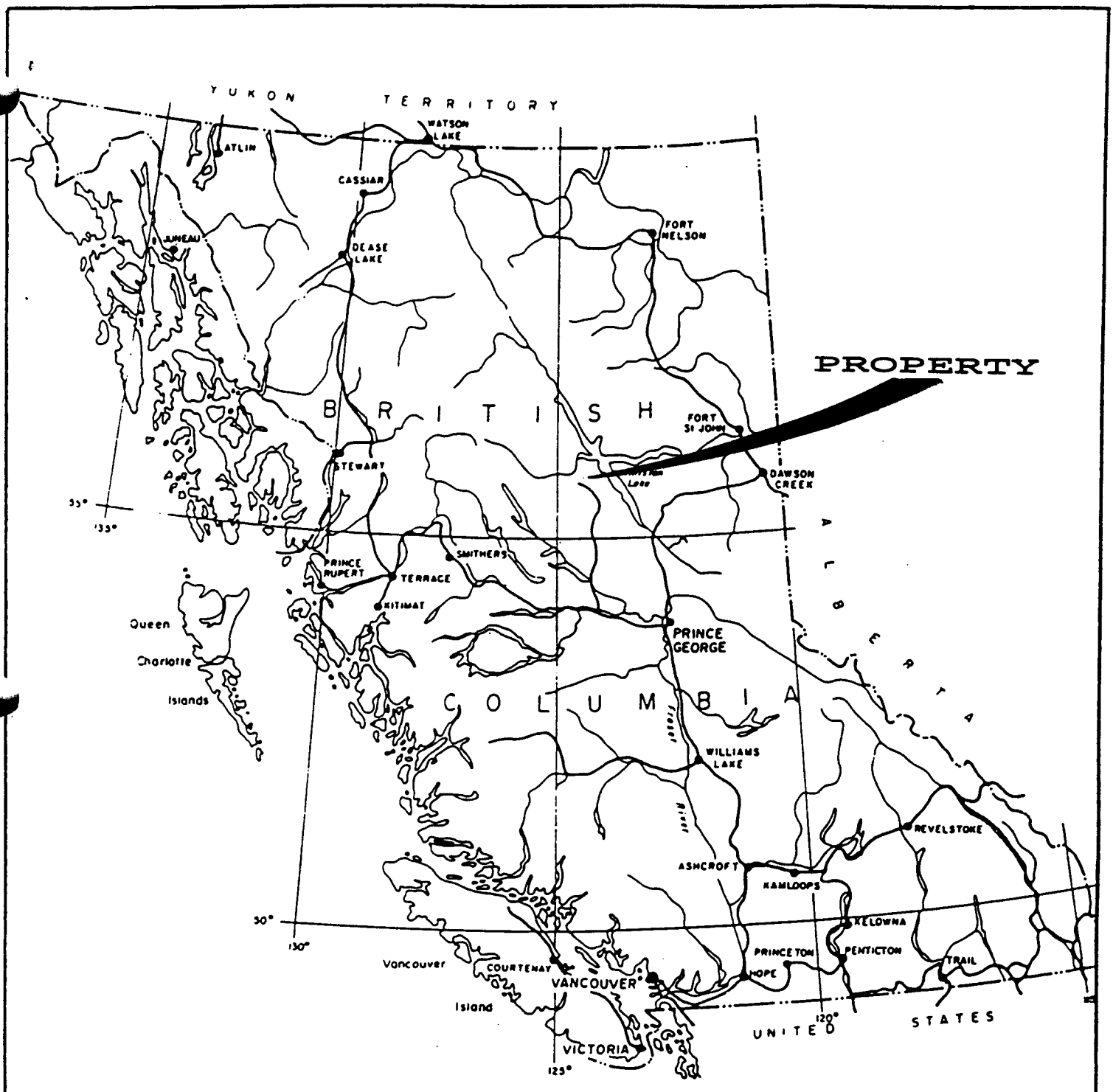
Erdman L.R. (1985) Chemistry of neogene basalts of British Columbia and the adjacent Pacific Ocean Floor: A test of tectonic discrimination diagrams: MSc Thesis, University of British Columbia 294 pages.

Halleran A.A.D. (1988): Geology, Geochemistry and Geophysics of the Ursa Property: Ministry of Energy, Mines and Petroleum Resources, Assessment Report No. 17872.

Thompson M., Howarth R.J. (1978) A new approach to the estimation of analytical precision. Journal of Geochemical Exploration, 9:23-30.

Statement of Expenditure

| | | | |
|---|---|---|---|
| I) Field Costs | | | |
| 1) Labour | | | |
| A.A.D. Halleran | Aug 25, 26, 27, 28 | | |
| | 4days x $300/day | | $1200 |
| W. Halleran | Aug 25, 26, 27, 28 | | |
| | 4 days x $250/day | | $1000 |
| 2) Room and Board | | | |
| $40/manday x 8 | | | $320 |
| 3) Transportation | | | |
| 4x4 | 4 x $55/day | | |
| ATV | 4 x $45/day | | |
| | | | $300 |
| Fuel | | | $100 |
| 5) Geochemical analysis | | | |
| 18 rx samples at | | $45.00 | |
| prep | | $2.50 | |
| | | | $855 |
| II) Office Costs | | | |
| 1) sample prep. | | | |
| A.A.D. Halleran | Sept 30 | | |
| | 1day at $300 | | $300 |
| 2) Data interpretation and report writting | | | |
| A.A.D. Halleran | Dec 1 | | |
| | | | $300 |
| TOTAL | | | $4375 |


YUKON TERRITORY
WATSON LAKE
ATLIN
CASSIAR
JUNEAU
DEASE LAKE
FORT NELSON
PROPERTY
BRITISH
FORT ST JOHN
STEWART
DAWSON CREEK
55°
130°
SMITHERS
PRINCE RUPERT
TERRACE
KITIMAT
Queen Charlotte Islands
PRINCE GEORGE
COLUMBIA
WILLIAMS LAKE
REVELSTOKE
ASHCROFT
KAMLOOPS
50°
KELOWNA
PRINCETON
PENTICTON
TRAIL
HOPE
Vancouver Island
COURTENAY
VANCOUVER
VICTORIA
125°
120°
UNITED STATES

## CERTIFICATION OF QUALIFICATIONS

I, Arthur A. D. Halleran, of 7183 Bridgewood Dr. Burnaby, B.C. do hereby declare:

1) I am a 1980 graduate of the University of British Columbia with an Honours B.Sc. Degree in Geology.
2) I have practiced my profession continously since graduation in the Yukon, B.C. and Alberta.
3) This report is based on my field examination of the property and available government reports.

Arthur Halleran

Arthur A. D. Halleran

**Bondar-Clegg & Company Ltd.**
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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

# Geochemical Lab Report

DATE PRINTED: 25-OCT-89

REPORT: V89-06778.0 | PROJECT: NONE GIVEN | PAGE 1A

| SAMPLE NUMBER | ELEMENT UNITS | Ce PPM | Dy PPM | Er PPM | Eu PPM | Gd PPM | Ho PPM | La PPM | Lu PPM | Nd PPM | Pr PPM | Sc PPM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P4 P1 | | 25 | 3.1 | <100 | 0.7 | <200 | <1.0 | 12.0 | 0.29 | 14 | <50 | 10.80 |
| P4 P1 | | | | | | | | | | | | |
| P4 UG-1 | | 1370 | 5.2 | <100 | 2.7 | <200 | <1.0 | 751.0 | <0.10 | 450 | 140 | 1.30 |
| P4 UG-23 | | 553 | 55.0 | <100 | 22.0 | <200 | 12.0 | 152.0 | 1.30 | 300 | 70 | 69.30 |
| P4 UG-38 | | 300 | 9.1 | <100 | 4.9 | <200 | 3.0 | 137.0 | 0.35 | 110 | <50 | 23.00 |
| * P4 UG-38M | | >20000 | 101.0 | <100 | 159.0 | <500 | <20.0 | >9000.0 | 1.10 | 7970 | 2600 | 95.60 |
| P4 UG-43 | | 300 | 2.0 | <100 | 1.4 | <200 | <1.0 | 185.0 | <0.10 | 56 | <50 | 2.80 |
| P4 UG-100A | | 47 | 2.1 | <100 | 1.2 | <200 | <1.0 | 28.0 | 0.10 | 20 | <50 | 6.20 |
| P4 UG-7803 | | 889 | 14.0 | <100 | 12.0 | <200 | 2.5 | 359.0 | 0.63 | 330 | 83 | 57.00 |
| P4 UG-7808 | | 38 | 1.9 | <100 | 0.6 | <200 | <1.0 | 19.0 | 0.26 | 13 | <50 | 19.90 |
| P4 UG-7809 | | 130 | 8.3 | <100 | 3.6 | <200 | 1.5 | 59.7 | 0.35 | 63 | <50 | 22.80 |
| P4 UG-7819 | | 120 | 3.1 | <100 | 1.8 | <200 | <1.0 | 66.9 | 0.19 | 39 | <50 | 2.90 |
| P4 UG-7819B | | 120 | 3.2 | <100 | 1.6 | <200 | <1.0 | 62.7 | 0.19 | 35 | <50 | 2.90 |
| P4 UG-7822 | | 130 | 2.1 | <100 | 0.9 | <200 | <1.0 | 72.2 | <0.10 | 34 | <50 | 2.40 |
| P4 UG-7822B | | 75 | 1.8 | <100 | <0.5 | <200 | <1.0 | 45.0 | <0.10 | 27 | <50 | 2.40 |
| P4 UG-7823 | | 1700 | 8.2 | <100 | 11.0 | <200 | 1.5 | 865.0 | 0.46 | 490 | 190 | 38.30 |
| * P4 UG-7826 | | >20000 | 117.0 | <100 | 77.8 | <500 | 12.0 | >9000.0 | 2.00 | 4190 | 1400 | 26.10 |
| P4 UG-7834 | | 1170 | 6.7 | <100 | 6.5 | <200 | 1.0 | 874.0 | 0.24 | 250 | 120 | 76.30 |
| P4 UG-7834B | | 1190 | 6.6 | <100 | 6.6 | <200 | 1.1 | 873.0 | 0.33 | 260 | 72 | 77.90 |
| P4 UG-7835 | | 290 | 4.7 | <100 | 1.6 | <200 | <1.0 | 169.0 | 0.18 | 77 | <50 | 24.90 |
| P4 UG-7835B | | 290 | 4.0 | <100 | 1.8 | <200 | <1.0 | 175.0 | 0.19 | 78 | <50 | 24.80 |
| P4 UG-7837 | | 1470 | 6.6 | <100 | 5.5 | <200 | 1.2 | 1210.0 | 0.19 | 270 | 98 | 22.60 |
| P4 UG-7840A | | 909 | 6.6 | <100 | 5.6 | <200 | 1.0 | 633.0 | 0.15 | 218 | 55 | 7.40 |
| P4 UG-7842-52 | | 2440 | 33.0 | <100 | 18.0 | <200 | 3.7 | 1240.0 | 0.15 | 430 | 240 | 7.60 |
| P4 UG-7842B-52B | | 2530 | 34.0 | <100 | 18.0 | <200 | 5.6 | 1270.0 | 0.12 | 380 | 130 | 7.80 |
| P4 UG-7844 | | 150 | 2.8 | <100 | 0.8 | <200 | <1.0 | 81.8 | 0.31 | 35 | <50 | 0.33 |
| P4 UG-7856 | | 47 | <1.0 | <100 | 0.7 | <200 | <1.0 | 27.0 | <0.10 | 13 | <50 | 2.70 |
| P4 UG-7857 | | 140 | 4.4 | <100 | 2.7 | <200 | <1.0 | 61.8 | 0.23 | 55 | <50 | 11.70 |
| P4 UG-7910 | | 4130 | 26.0 | <100 | 30.0 | <200 | 3.9 | 2140.0 | 0.45 | 1230 | 340 | 20.10 |
| P4 UG-7910B | | 4240 | 26.0 | <100 | 31.0 | <200 | 3.3 | 2120.0 | 0.46 | 1260 | 410 | 20.70 |
| * P4 UG-7911 | | 16400 | 51.0 | <100 | 30.0 | <200 | 7.4 | >9000.0 | 1.30 | 2630 | 750 | 28.70 |
| * P4 UG-7911B | | 16500 | 52.0 | <100 | 32.0 | <200 | 7.6 | >9000.0 | 1.40 | 2660 | 920 | 29.10 |
| P4 UG-NH | | 66 | 1.2 | <100 | 0.8 | <200 | <1.0 | 37.0 | <0.10 | 22 | <50 | 3.80 |
| P4 UG-NHB | | 67 | 1.6 | <100 | 0.8 | <200 | <1.0 | 36.0 | <0.10 | 21 | <50 | 3.70 |
| P4 WP1 | | 28 | 2.2 | <100 | 0.9 | <200 | <1.0 | 13.0 | 0.17 | 14 | <50 | 10.00 |
| P4 WP1 | | | | | | | | | | | | |

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A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

# Geochemical Lab Report

REPORT: V89-06778.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: MR. ARTHUR HALLERAN
PROJECT: NONE GIVEN

SUBMITTED BY: A. HALLERAN
DATE PRINTED: 25-OCT-89

| ORDER | | ELEMENT | NUMBER OF ANALYSES | LOWER DETECTION LIMIT | EXTRACTION | METHOD |
|---|---|---|---|---|---|---|
| 1 | Ce | Cerium | 34 | 2 PPM | | Inst. Neutron Activ. |
| 2 | Dy | Dysprosium | 34 | 0.5 PPM | | Inst. Neutron Activ. |
| 3 | Er | Erbium | 34 | 50 PPM | | Inst. Neutron Activ. |
| 4 | Eu | Europium | 34 | 0.5 PPM | | Inst. Neutron Activ. |
| 5 | Gd | Gadolinium | 34 | 100 PPM | | Inst. Neutron Activ. |
| 6 | Ho | Holmium | 34 | 0.5 PPM | | Inst. Neutron Activ. |
| 7 | La | Lanthanum | 34 | 0.2 PPM | | Inst. Neutron Activ. |
| 8 | Lu | Lutetium | 34 | 0.05 PPM | | Inst. Neutron Activ. |
| 9 | Nd | Neodymium | 34 | 5 PPM | | Inst. Neutron Activ. |
| 10 | Pr | Praseodymium | 34 | 25 PPM | | Inst. Neutron Activ. |
| 11 | Sc | Scandium | 34 | 0.05 PPM | | Inst. Neutron Activ. |
| 12 | Sm | Samarium | 34 | 0.05 PPM | | Inst. Neutron Activ. |
| 13 | Tb | Terbium | 34 | 0.5 PPM | | Inst. Neutron Activ. |
| 14 | Th | Thorium | 34 | 0.2 PPM | | Inst. Neutron Activ. |
| 15 | Tm | Thulium | 34 | 1 PPM | | Inst. Neutron Activ. |
| 16 | U | Uranium | 34 | 0.5 PPM | | Inst. Neutron Activ. |
| 17 | Yb | Ytterbium | 34 | 0.2 PPM | | Inst. Neutron Activ. |

| SAMPLE TYPES | NUMBER | SIZE FRACTIONS | NUMBER | SAMPLE PREPARATIONS | NUMBER |
|---|---|---|---|---|---|
| P PREPARED PULP | 36 | 4 AS REC'D | 36 | AS RECEIVED, NO SP | 36 |

REPORT COPIES TO: 7183 BRIDGEWOOD DR.
DR. J. K. RUSSELL

INVOICE TO: 7183 BRIDGEWOOD DR.

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# Geochemical Lab Report

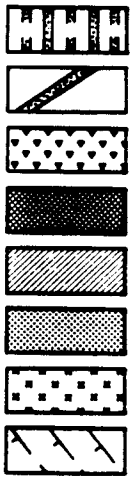
DATE PRINTED: 25-OCT-89

REPORT: V89-06778.0 | PROJECT: NONE GIVEN | PAGE 1B

| SAMPLE NUMBER | ELEMENT UNITS | Sm PPM | Tb PPM | Th PPM | Ta PPM | U PPM | Yb PPM |
|---|---|---|---|---|---|---|---|
| P4 P1 | | 2.90 | <1.0 | 3.5 | <2 | 1.2 | 1.9 |
| P4 P1 | | | | | | | |
| P4 UG-1 | | 60.60 | 2.0 | 305.0 | <2 | 6.1 | <0.5 |
| P4 UG-23 | | 98.40 | 10.0 | 4.1 | 2 | 4.6 | 12.0 |
| P4 UG-38 | | 19.40 | 1.6 | 23.0 | <2 | 4.1 | 2.7 |
| P4 UG-38M | | >200.00 | 25.0 | 1310.0 | <5 | 36.0 | 19.0 |
| P4 UG-43 | | 7.80 | <1.0 | 162.0 | <2 | 20.0 | <0.5 |
| P4 UG-100A | | 3.50 | <1.0 | 5.8 | <2 | 2.3 | 0.8 |
| P4 UG-7803 | | 53.70 | 3.0 | 94.6 | <2 | 5.8 | 4.2 |
| P4 UG-7808 | | 1.90 | <1.0 | 5.2 | <2 | 3.5 | 1.5 |
| P4 UG-7809 | | 12.90 | 1.4 | 41.0 | <2 | 4.3 | 2.3 |
| P4 UG-7819 | | 6.00 | <1.0 | 19.0 | <2 | 6.6 | 1.2 |
| P4 UG-7819B | | 5.80 | <1.0 | 20.0 | <2 | 6.1 | 1.2 |
| P4 UG-7822 | | 5.60 | <1.0 | 74.8 | <2 | 8.9 | 0.7 |
| P4 UG-7822B | | 4.10 | <1.0 | 31.0 | <2 | 6.2 | 0.7 |
| P4 UG-7823 | | 53.70 | 2.1 | 45.0 | <2 | 3.4 | 3.3 |
| P4 UG-7826 | | >200.00 | 24.0 | 3050.0 | <5 | 91.0 | 13.0 |
| P4 UG-7834 | | 28.50 | 1.4 | 3.8 | <2 | 1.4 | 2.2 |
| P4 UG-7834B | | 28.40 | 1.3 | 4.2 | <2 | 2.8 | 2.1 |
| P4 UG-7835 | | 11.00 | <1.0 | 33.0 | <2 | 1.6 | 1.4 |
| P4 UG-7835B | | 11.40 | <1.0 | 33.0 | <2 | 1.5 | 1.4 |
| P4 UG-7837 | | 25.30 | 1.0 | 131.0 | <2 | 5.8 | 1.8 |
| P4 UG-7840A | | 23.20 | 1.6 | 4.8 | <2 | 5.3 | 2.0 |
| P4 UG-7842-52 | | 77.50 | 6.0 | 1910.0 | <5 | 93.0 | 1.7 |
| P4 UG-7842B-52B | | 79.30 | 6.2 | 2020.0 | <2 | 105.0 | 1.5 |
| P4 UG-7844 | | 4.90 | <1.0 | 58.4 | <2 | 10.0 | 1.8 |
| P4 UG-7856 | | 2.10 | <1.0 | 17.0 | <2 | 3.0 | <0.5 |
| P4 UG-7857 | | 10.50 | 1.0 | 14.0 | <2 | 2.7 | 1.5 |
| P4 UG-7910 | | 139.00 | 6.0 | 225.0 | <2 | 32.0 | 4.2 |
| P4 UG-7910B | | 137.00 | 6.0 | 231.0 | <2 | 35.0 | 3.8 |
| P4 UG-7911 | | >200.00 | 12.0 | 1090.0 | <2 | 25.0 | 8.4 |
| P4 UG-7911B | | >200.00 | 13.0 | 1110.0 | <2 | 25.0 | 10.0 |
| P4 UG-NH | | 3.20 | <1.0 | 13.0 | <2 | 1.5 | 0.6 |
| P4 UG-NHB | | 3.10 | <1.0 | 13.0 | <2 | 2.0 | 0.7 |
| P4 WP1 | | 3.10 | <1.0 | 2.1 | <2 | 1.4 | 1.2 |
| P4 WP1 | | | | | | | |

Table 1-00-1

## LITHOLOGY



*Alkaline dike rocks :*

*distinct and strong pattern* — *1) syenite, 2) barren pegmatites, 3) allanite pegmatite*

*single dikes*

*Breccia*

*Quartz feldspar porphyry*

*Laura alkalic unit*

*Will Nº2 alkalic unit*

*Mt. Bisson intrusions*

*Wolverine metamorphic rocks*

## SYMBOLS

*Outcrop*

UG-7837 — *XRF sample location*

*Geological contact :*

*observed*

*inferred*

*gradational*

65 — *Strike and dip of strata*

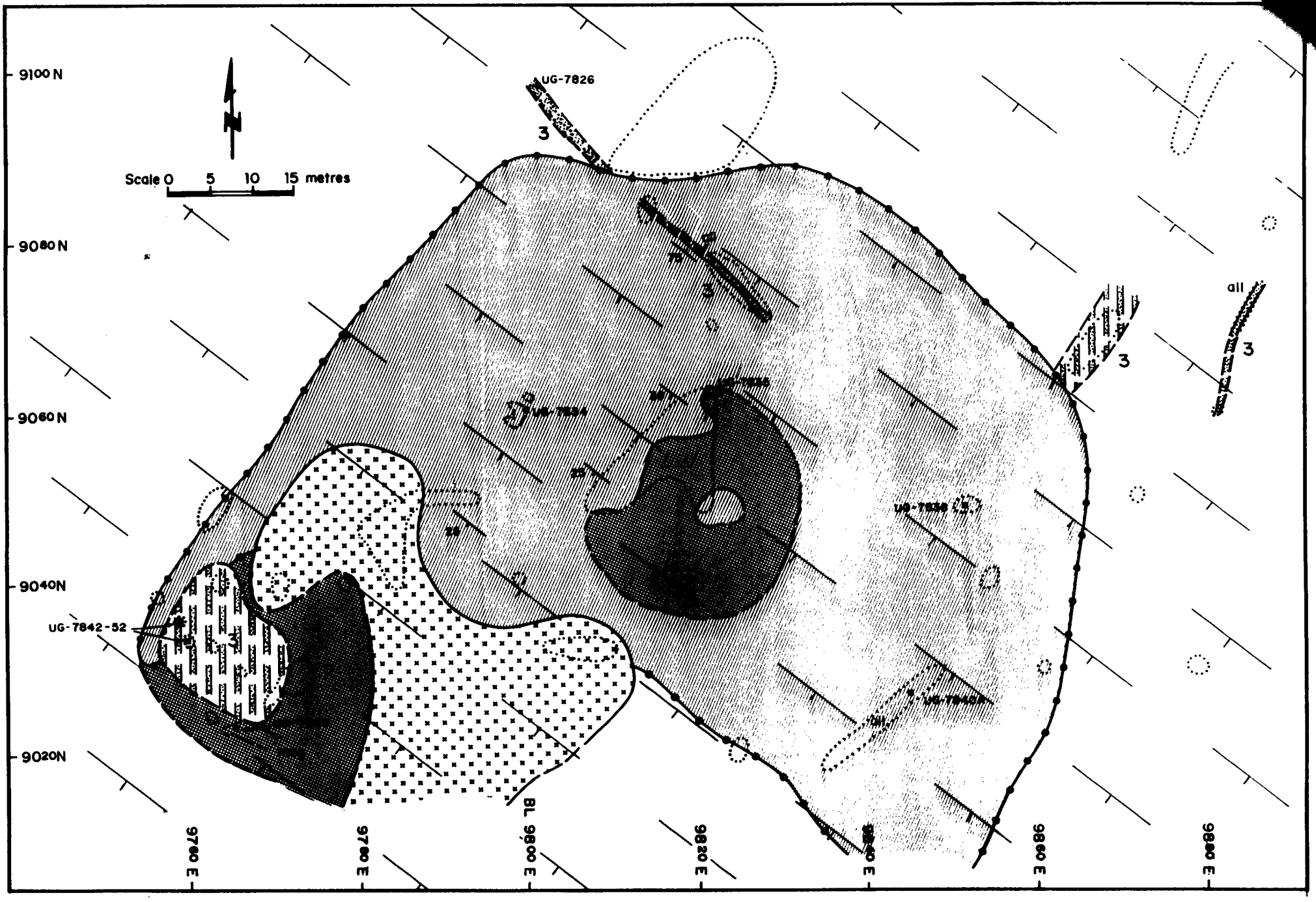
45 — *Mineral fabric*

all — *Allanite*

mag — *Magnetite*

cp — *Chalcopyrite*

mal — *Malachite*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9800 E
9820 E
9840 E
9860 E
9880 E
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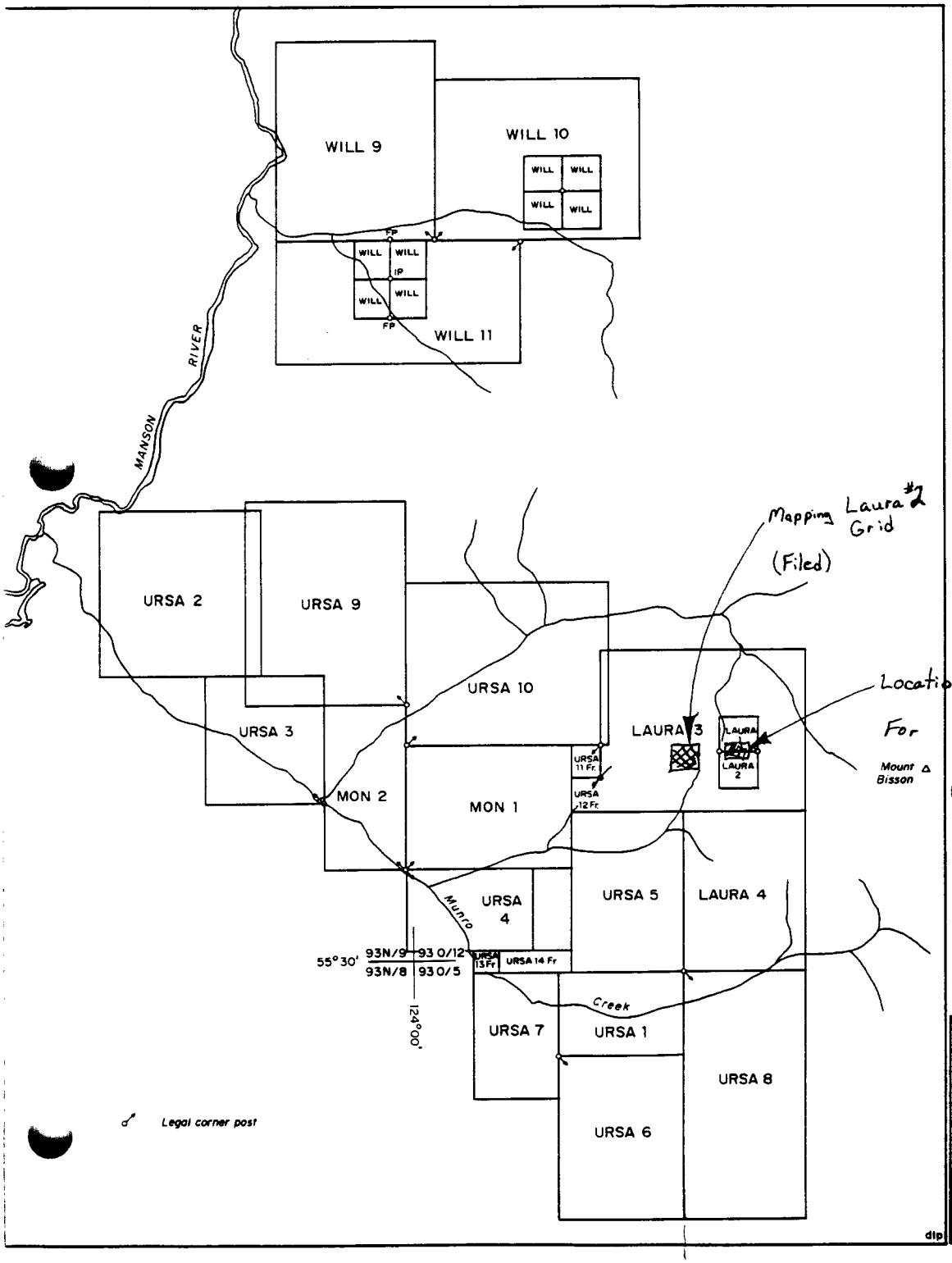
3
all
3
UG-7842-52
UG-7840

Figure 1-00-2




OMINECA M.D., B.

# URSA PROPERTY
# CLAIM MAP

NORTHWEST GEOLOGICAL CONSULTING LTD.

| SCALE | DATE | NTS | DWG NO |
|---|---|---|---|
| 1:50000 | | 93N/8,9<br>93O/5,12 | 2 |

APPENDIX C

Precision of rare earth analysis (INAA) based on duplicates, also listed is detection limit.

| Element | detection (ppm) | Precision % |
|---|---|---|
| Th | 0.2 | 5.0 |
| Ce | 2.0 | 2.0 |
| La | 0.2 | 3.8 |
| Sm | 0.05 | 3.4 |
| Dy | 0.5 | 5.4 |
| Eu | 0.5 | 7.0 |
| Nd | 0.5 | 7.4 |
| Pr | 25.0 | 52.5 |
| Yb | 0.2 | 10.0 |
| Lu | 0.05 | 17.4 |
| Sc | 0.05 | 1.6 |
| U | 0.5 | 26.5 |

Precision calculated using Thompson and Howarth (1978) method.

$$P\% = \frac{2Sd}{C} + 100$$

Sd = of duplicates

C = mean conc. of duplicates

# APPENDIX C

Accuracy: The U.B.C standards (wp-1 and p-1 ) were analyzed by Erdman (1985) and calibrated with numerous well known standards.

1 Standard deviation of error from repetitive analysis.

| Element | WP-1*(ppm) | WP-1~ | P-1* | P-1~ | detection |
|---|---|---|---|---|---|
| Eu | 0.7+/-.12 | 0.9 | 0.6+/-.06 | .7 | .5 |
| La | 12.8+/-.43 | 13.0 | 12.0+/-.28 | 12 | .2 |
| Lu | .2+/-0 | .17 | .3+/-0 | .29 | .05 |
| Sc | 9.2+/-.2 | 10.0 | 10.4+/-.41 | 10.8 | .05 |
| Sm | 3.1+/-.09 | 3.1 | 2.7+/-.15 | 2.9 | .05 |
| Tb | 0.5+/-.34 | <1.0 | N/D | <1.0 | ------ |
| Th | 2.2+/-.27 | 2.1 | 3.7+/-.18 | 3.5 | .2 |
| Yb | 1.5+/-1.3 | 1.2 | 2.1+/-.12 | 1.9 | .2 |

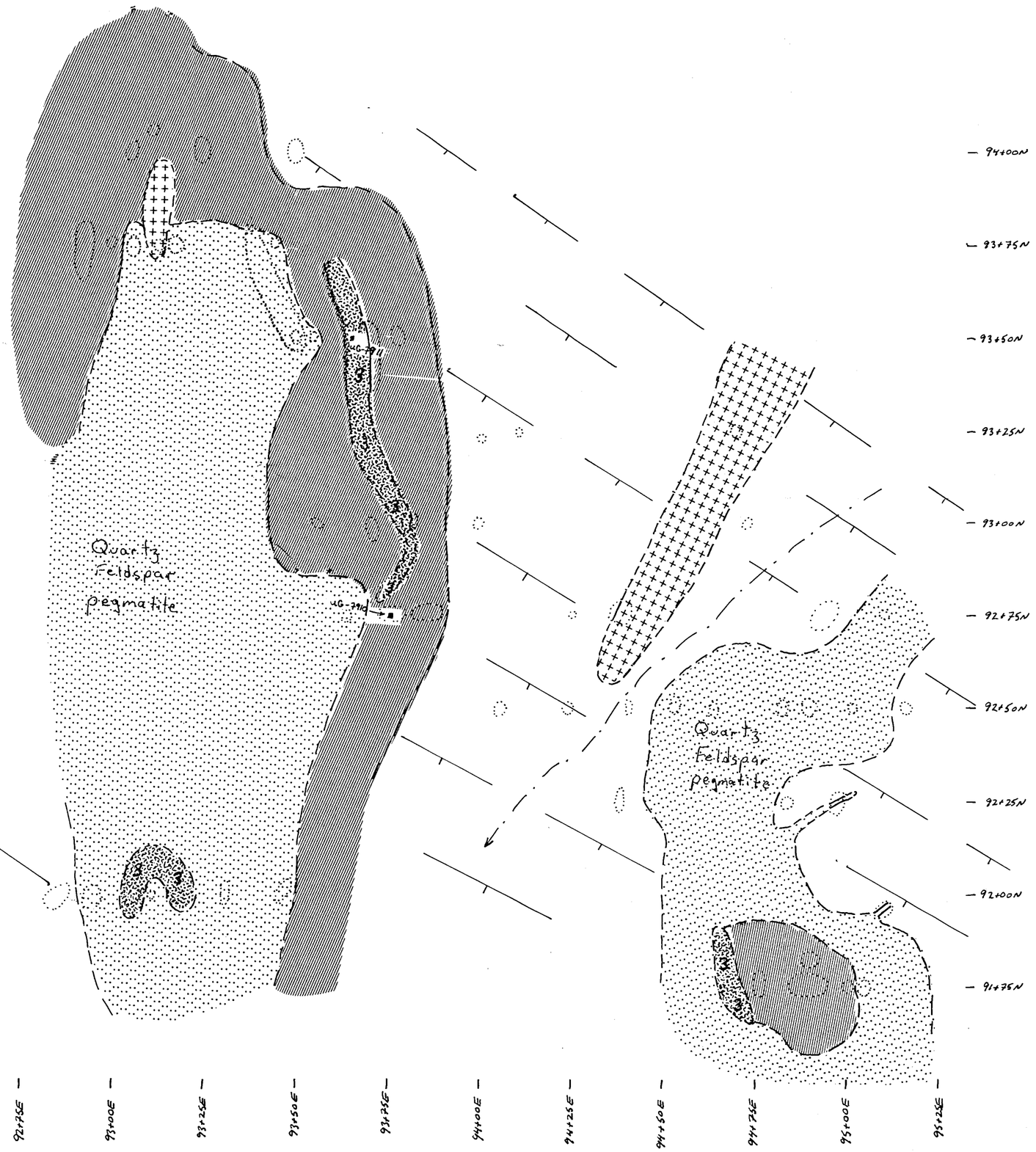
* Analysis by Erdman (1985) WP-1 repeated 12 times, P-1 repeated 8 times. Standards for calibration SY2, NIM-L, NIM- G, NIM-S, SY3, RGM-1, QLO-1, BHVO-1, GSP-1, STM-1,BCR-1 and ARCHO-1. WP-1~ and P-1~ analyzed by bonder-clegg INAA for A.Halleran

LIST OF ROCK DESCRIPTIONS

| | |
|---|---|
| UG-7826 | mineralized allanite pegmatite |
| UG-7834 | alkalic overprinted wolverine amphibolite gniesses |
| UG-7834B | dublicate of UG-7834 |
| UG-7835 | Quartz-feldspar pegmatite +/- hornblende |
| UG-7835B | duplicate of |
| UG-7837 | alkalic overprinted wolverine amphibolite gniesses |
| UG-7840A | alkalic overprinted wolverine more mafic rich gniesses |
| UG-7842-52 | rare earth pegmatite more quartz rich than 7826 |
| UG-7842-52B | duplicate |
| UG-7844 | Quartz-feldspar pegmatite +/- magnetite |
| UG-7910 | alkalic overprinted Wolverine amphibolite gniesses( rutile-sphene rich ) |
| UG-7910B | duplicate |
| UG-7911 | mineralize allanite pegmatite |
| UG-7911B | duplicate |
| UG-NH | Metamorphosed fine grained intrusion |
| UG-NHB | dublicate |

N

0 5 25 50 metres

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Laura #2

GEOLOGY

Legend on Table #1

| Figure | Dec 2/89 |
|---|---|
| | Scale 1:1,000 |

A. Halleran