

MPAP 98-23

73514

REPORT ON 1998 PROSPECTING
ON THE
EDEN-9 (P3422F) and EDEN 6067 (P6067E) CLAIMS
AT EDEN I AKE
LYNN LAKE AREA, MB, CANADA
NTS: NE9 - 64C

by

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ProRoc Explorations Inc.

November, 1998



TABLE OF CONTENTS

| | | |
|--------------------------------------|-------|------|
| INTRODUCTION | ----- | P. 1 |
| Location and Access | ----- | P. 1 |
| Previous Work | ----- | P. 1 |
| PURPOSE OF THE 1998 PROSPECTING TRIP | ----- | P. 2 |
| PROJECT PERSONNEL | ----- | P. 2 |
| DIARY OF THE TRIP | ----- | P. 2 |
| RESULTS OF THE PROSPECTING TRIP | ----- | P. 4 |
| New Showing | ----- | P. 4 |
| CONCLUSIONS | ----- | P. 4 |
| RECOMMENDATIONS | ----- | P. 5 |
| APPENDIX 1 | | |

REPORT ON 1998 PROSPECTING
ON THE EDEN-9 (P3422F) AND EDEN 6067 (P6067E) CLAIMS
AT EDEN LAKE, LYNN LAKE AREA, MANITOBA

NTS: NE9 - 64C

INTRODUCTION

Location and Access:

The EDEN - 9 and EDEN-6067 claims are located approximately 50 km. ESE of the mining community of Lynn Lake, Manitoba (Figures 1, 2, 3, and 4). Provincial Highway #391 passes 6 km north of the property, with access provided via boat from the Eden Lake campgrounds, on the north shore of Eden Lake (Figure 3).

A camp for this work was established at the Eden Lake campgrounds, off highway #391, utilizing a 6 man trailer, plus the outdoor campground facilities.

Previous Work:

Work in 1995 and 1996 has shown that anomalous rare earth values are contained in Tag alder samples, collected over a major till covered lineament, adjacent to the only known rare earth surface showing in the Eden Lake pluton. This lineament also contains anomalous values for arsenic and gold in Tag alder samples.

This single target has not been enough to interest companies in a drill program to test for what are believed to be potential hidden rare earth occurrences in recessive, linear, shear zones, within the Eden Lake syenite.

Attempts in 1996 to excavate a trench through the boulder till overburden by blasting proved futile, but did indicate that drilling is the only way to effectively test the lineament.

The lineament hosted, rare earth anomaly extends for at least 1 km to the south, beyond the area of the surface showing, as proved by additional Tag alder sampling in 1996.

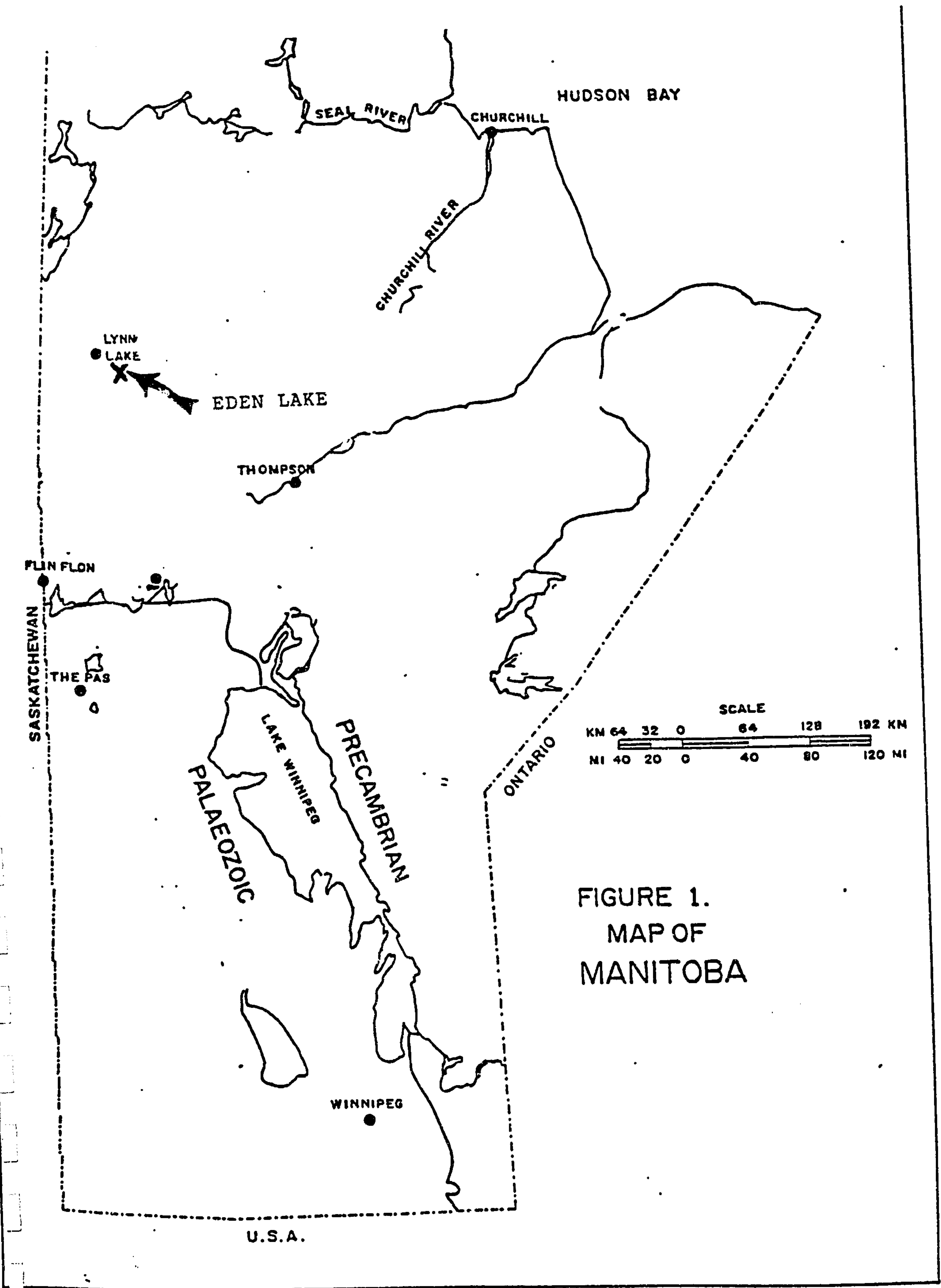


FIGURE 1.
MAP OF
MANITOBA

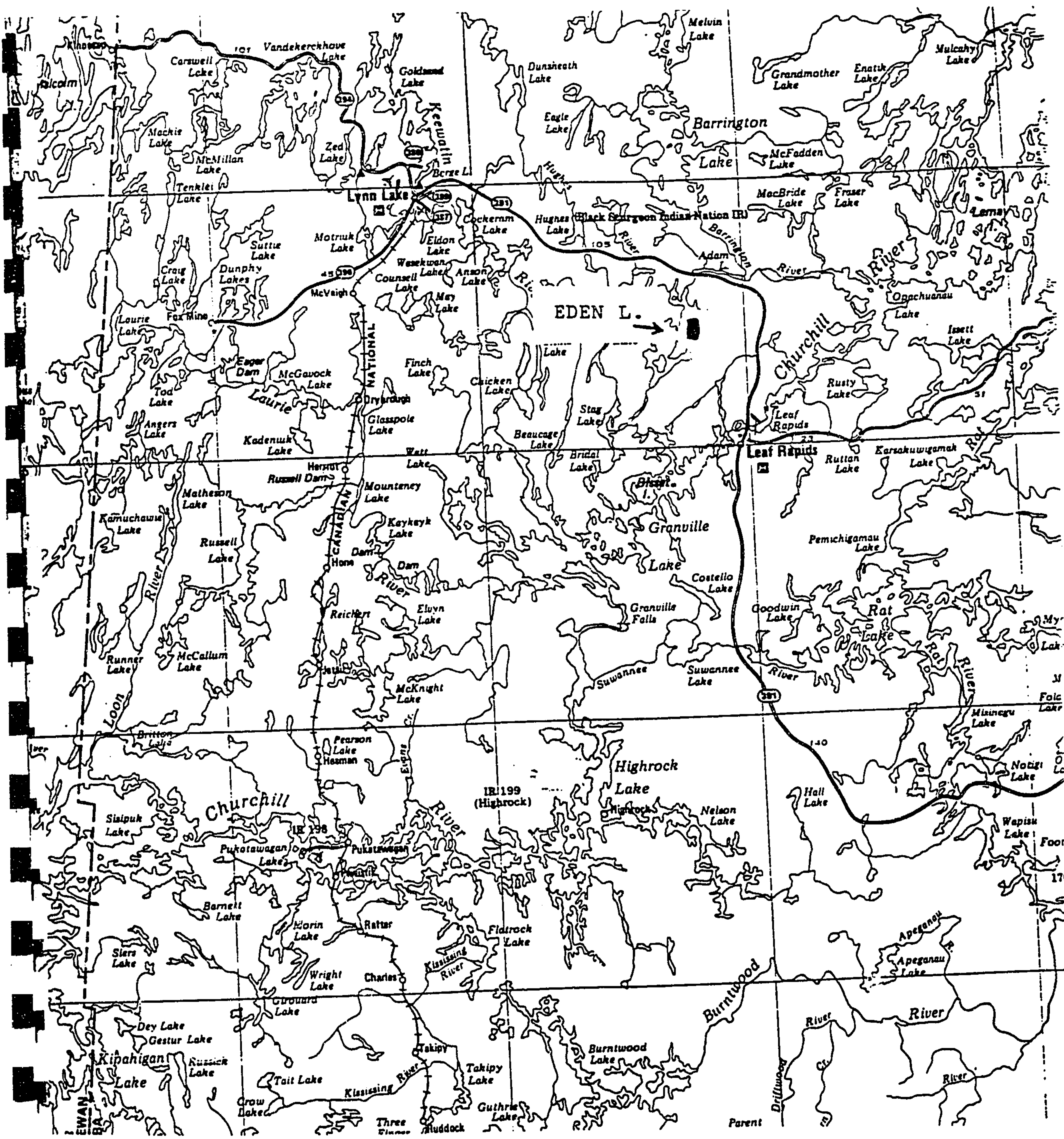
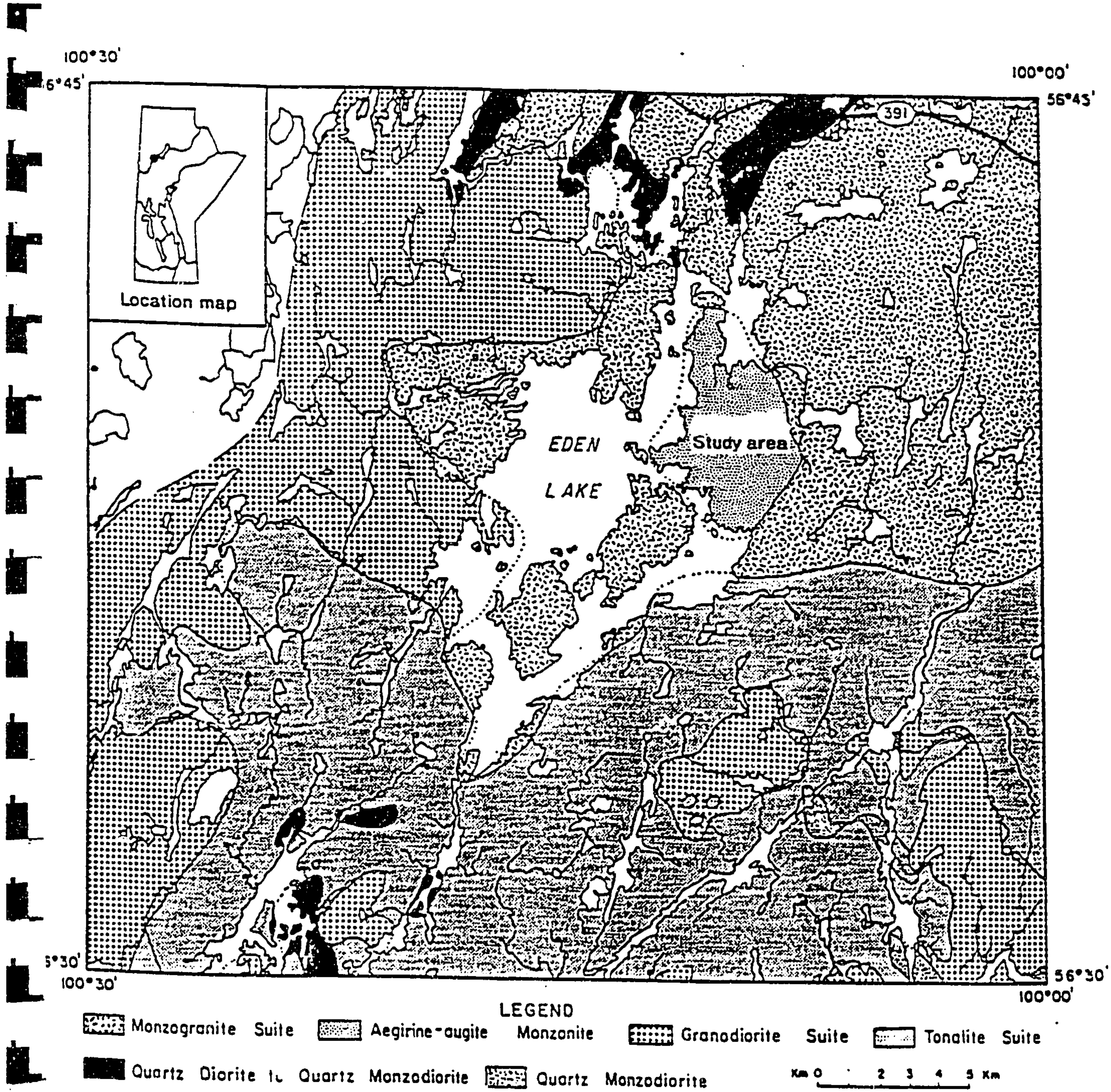


FIGURE 2. Road map showing Eden Lake property.

SCALE: 0 km 20 km



JRE 3 : Location map and regional geological setting for the Eden Lake survey area. Geology after Cameron (1988).

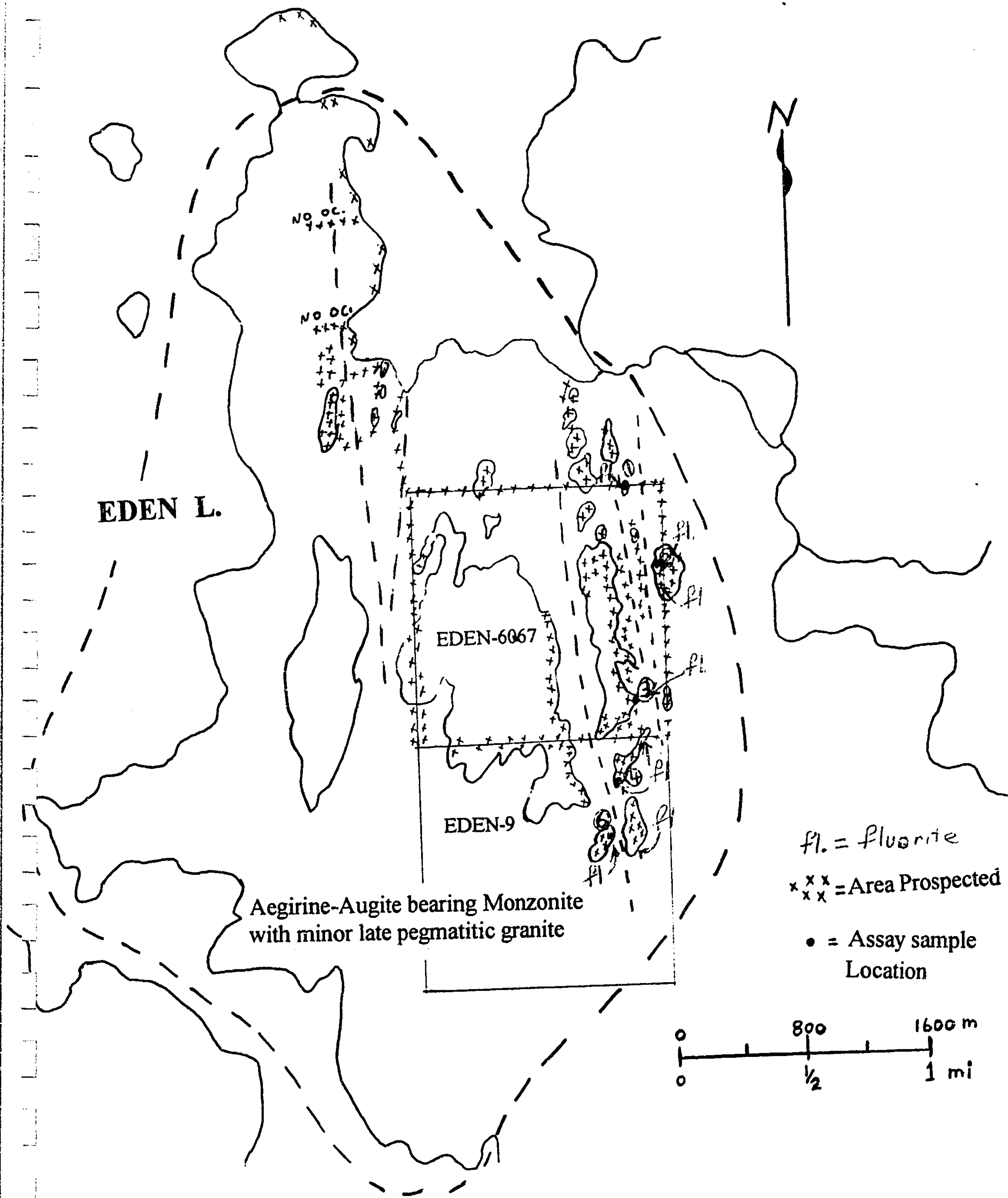


Figure 4. Area prospected plus sample location map.

PURPOSE OF THE 1998 PROSPECTING TRIP

A program of continued Tag alder sampling was planned for 1998, coupled with prospecting, along an additional major lineament that cut across the Eden Lake pluton (Figure 4). It was believed that if additional anomalous rare earth values were returned from other lineaments, the potential for the presence of economic rare earth element concentrations will be increased.

The confirmation of such additional exploration potential may be enough to convince an exploration company to conduct a drill program. A drill program is needed to determine if economic concentrations of rare earths are present within the Eden Lake syenite.

PROJECT PERSONNEL

Prospecting assistance was provided by Conrad Ziehlke of Flin Flon, who has obtained considerable prospecting experience with me over the past nine years. He was only able to work on the project for the first two days, after which he returned to Cranberry Portage. His assistance in transporting the trailer to Eden lake was invaluable, as well as 1 day of prospecting.

The third person on the project was Maureen Ziehlke, who cooked as well as provided prospecting assistance and company in the bush for safety reasons.

DIARY OF THE TRIP

Saturday, August 29

Left Cranberry Portage with two trucks at 4 AM. Drove to Snow Lake to pick up camped trailer, plus boat and motor on a trailer. Had breakfast in Snow Lake and purchased grub for trip. Drove to Eden Lake, with one tire blow out on bad road past the Nelson House corner. Arriving Eden lake at 7 PM. Set up camp.

Sunday, August 30

Arrive on property at 8:30 AM via boat trip plus walk. Very surprised to find entire area of Eden claims burned to a crisp and still smoking in places! This put an end to the proposed Tag Alder survey, but exposed much outcrop previously covered by lichen and moss for prospecting. At 12 pm began retracing boundary of

Eden - 6067 claim, restaking as well as prospecting this boundary. Arrived back at camp at 7:20 PM. Conrad left for Cranberry after supper, leaving Maureen and I to do the prospecting, since the Tag Alder project was cancelled due to the forest fire..

Monday, August 31

Trip to main showing to re-examine after burn. Area now much better exposed. Prospected area east of north end of main lineament. Found fluorite, allanite, and britholite never seen before burn. Sampled newly exposed mineralization and prospected area in detail, plus area to south, half way down Eden-6067 claim. Returned to camp at 6:45 PM.

Sample Co.

Tuesday, September 1

Boat and long traverse trip to SE area of Eden-6067 claim. Prospected east side of lineament in vicinity of southern Tag Alder traverse of 1996. Discovered and sampled new rare earth showing in newly exposed outcrop, just north of 1996 traverse. Continued prospecting to south east end of main lineament. Returned to boat by traverse up west side of central lineament. This side not as well burned, and exposure poor. Returned to camp at 7:15 PM.

Sample Co.

Wednesday, September 2

Boat trip and traverse along well burned northern half of large lineament 1.5 km west of main lineament on Eden-6067 claim. Discovered considerable purple fluorite in late stage pegmatite, on west side of lineament, but no sign of Allanite - Britholite mineralization. Tough going in blown down, poorly burned east side of this lineament on return trip to boat. Back at camp at 6:30 PM.

Thursday, September 3

Spent morning checking burned shoreline outcrops north of western lineament. Returned to camp at 11:30 AM. Broke camp and hauled trailer with boat trailer behind, to Thompson. Left trailer at Energy and Mines compound in Thompson. Took boat and trailer to Snow Lake. Arrived back at Cranberry Portage at 10 PM.

RESULTS OF PROSPECTING TRIP

The presence of the fresh burn over the Eden Lake area, precluded the planned Tag Alder sampling program. However, the fire did burn the lichen off of outcrop areas that previously had little actual rock exposure, so that the rock could now be observed.

In addition, the burn was so intense that it burned up to 30 cm of deep moss in many places, creating additional exposure in areas that have not been exposed for many decades.

Thus, the four days spent prospecting on the Eden Lake Aegirine - Augite bearing Monzonite (Figure 4) complex resulted in getting a good look at much of the area rocks for the first time. This work found a number of new fluorite and allanite mineral showings (see Figure 5, samples), plus a possible new occurrence of Britholite. Assays are pending on these analyses.

Locations labelled 1, 2, 4, and 6 on prospecting map, Figure 4, are all locations where samples were taken for rare earth assays on dark brown, resinous, mineralization, associated with late pegmatite sweats, and accompanied by scattered purple fluorite and green apatite accessory mineralization.

The abundance of this type of late fluid type mineralization, along both the major lineaments on the Eden property, (Figure 4), indicates the high probability that major, rare earth mineralized shear zones, are present within the adjacent, recessive lineaments.

The most important of the new rare earth showing is located just west of the southern extension of the main lineament showing, at location #3 on Figure 4.

New Showing: (# 3)

This occurrence consists of a narrow, 5 - 25 cm wide granitic pegmatite "sweat type" vein, striking 030 degrees azimuth and dipping near vertical.

The vein occurs partially along a .5 to 1 meter high ledge, and contains a number of purple fluorite, and bright green apatite showings, as well as scattered 2 to 6 cm patches of dark brown, resinous to vitreous textured, allanite or britholite mineralization. Assays are pending on a sample of this mineralization.

CONCLUSIONS

The September, 1998 prospecting, done in lieu of the "burned out" Tag Alder survey, has resulted in the discovery of a number of scattered, late deuteric,

pegmatitic stringers. These fracture controlled veinlets often contain fluorite, apatite, augite, allanite and perhaps britholite mineralization. This newly discovered mineralization provides additional evidence that rare earth bearing fluids have been intruded into numerous locations along the sides, of the adjacent recessive lineaments.

Such distribution of rare earth related mineralization, along the edges of the N-S recessive lineaments, greatly enhances the potential for these lineaments to contain shear zone hosted, rare earth deposits.

RECOMMENDATIONS

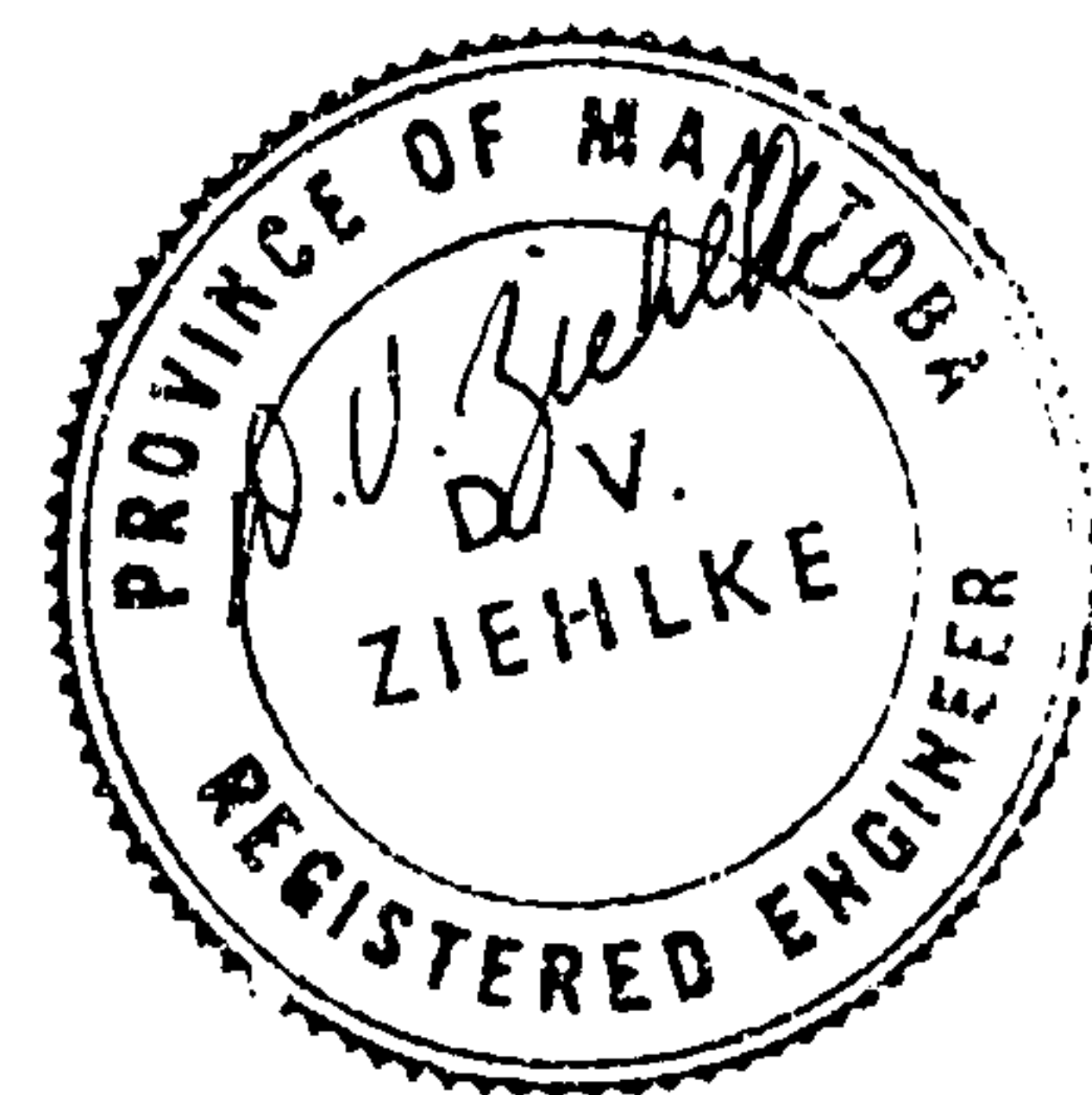
If the pending analyses contain anomalous amounts of cerium, neodymium, and lanthanum, an initial "structural" drill hole program, of 500 meters in 3 holes, is recommended, to test for the existence of shear zones along the lineaments. The hope, and expectation, is that such shear zones will contain significant Rare Earth mineralization.

The recommendation for additional drilling will depend on the results of this initial 500 meters of drilling.

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November 4, 1998



APPENDIX 1

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STATEMENT OF EXPENSES FOR PROSPECTING
ON CLAIMS P6067E and P3422F AT EDEN LAKE, MB

6 Days Work - August 29 to September 3, 1998

Consulting Geologist D.V. Ziehlke, P. Eng. @ \$350/day ----- \$ 2100

Geological Assistant for 6 days @ \$100/day ----- \$ 600

Prospector Conrad Ziehlke @ \$100/day for 2 days ----- \$ 200

Food and shelter @ \$35/man/day ----- \$ 490

Transportation Cranberry Portage to Eden L. return ----- \$ 291

Boat (14 ft) with trailer and 10 hp motor @ \$50/day ----- \$ 300

Bush supplies ----- \$ 25

Assays (rare earth analyses) (5 samples @ \$22 ea) ----- \$ 110

subtotal = \$ 4116.00
plus 10% office overhead = \$ 411.60

TOTAL ASSESSMENT EXPENSES CLAIMED = \$ 4527.60

P. 589

RECORDING OFFICE
MINES
THE PAS. MAN.
'98 DEC 22 - APR 11 29



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 052827 Date: 11/12/98

FINAL

Page 1

| Element. Method. Det.Lim. Units. | Y | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | Th | U |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 | MS90 |
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| 98-A61757 | 54 | 285 | 646 | 69.0 | 265 | 43.4 | 10.6 | 31.0 | 4.1 | 16.3 | 1.98 | 5.1 | 0.6 | 5.4 | 0.37 | 43.4 | 5.9 |
| 98-A61758 | 102 | 507 | 1430 | 166 | 630 | 95.9 | 22.0 | 65.7 | 7.7 | 31.3 | 4.12 | 8.6 | 1.0 | 5.4 | 0.67 | 147 | 19.2 |
| 98-A61759 | 691 | 12.6 | 60.8 | 14.6 | 109 | 63.5 | 19.7 | 87.1 | 16.0 | 98.9 | 23.5 | 76.1 | 12.9 | 87.8 | 14.1 | 237 | 18.4 |
| 98-A61760 | 14 | 47.5 | 126 | 15.3 | 55.7 | 10.5 | 3.11 | 7.6 | 0.9 | 4.2 | 0.53 | 1.4 | 0.2 | 1.4 | 0.23 | 45.7 | 5.0 |
| 98-A61761 | 56 | 124 | 287 | 40.4 | 164 | 31.8 | 7.99 | 22.3 | 3.0 | 12.8 | 1.76 | 5.0 | 0.6 | 4.8 | 0.77 | 24.6 | 8.5 |
| *Dup 98-A61755 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

Sample #

Eden { 98-A61757 Eden-98-1
98-A61758 " -2
98-A61759 " -3
L. { 98-A61760 " -4
98-A61761 " -6
*Dup 98-A61755

Eden LAKE 1998 samples
(Rock grab)

64C 9NE

73514