THE PAS RECORDING OFFICE,MINES
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REPORT ON EXPLORATION

ON THE

EDEN LAKE RARE EARTH PROJECT

(Claims Eden-862, Eden-863, Eden-6067, and Eden-9)

Lynn Lake Area, Manitoba, Canada

for

RARE EARTH METALS CORP.
Vancouver, Canada

Filed for Assessment Credits

by

ProRoc Explorations Inc.

October 22, 2001

MEAP - 010902-09

73866

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EXPLORATION EXPENSES FOR THE JUNE to OCTOBER , 2001
EXPLORATION PROGRAM
AT THE EDEN LAKE, MANITOBA REE PROPERTY OF
RARE EARTH METALS LTD.
Claims: Eden-863 (MB863), Eden-862 (MB862), Eden-6067 (P6067E)
and Eden-9 (P3422F)

Line Cutting and Chaining (52.85 km @ $375 /km see receipts) - $21,206.06

Mag and VLF-EM surveys (see receipts) - - - - - - - - - - - - - - - - - $ 8,720.50

9 day field project: (Oct. 1 to 9, 2001)
Personnel:
Project Geologist, consultant @ MEAP rates of $425/d - - - - - - - $ 3825
Field technichan, consultant @ MEAP rates of $150/d - - - - - - - $ 1350

Camp costs @ $40/d/man - $ 720

Equipment Rental:
4X4 Truck @ $1200/mo - $ 360
Boat, motor, and trailer with accessories @ $50/d - - - - - - - - - - - - $ 450

Transportation: 2 trucks used with two trailers
Cranberry Ptge to Eden L., return 592 x 4=2368 km. @ $.25/km - - $ 592

Operating supplies: (sample pails, bags, shipping costs etc.) - - - - - - - - $ 114

Analytical Costs:
Enzyme Leach, 66 samples @ $27.50 ea. - - - - - - - - - - - - - - - - - - $ 1815
REE assays, 5 samples @ $47 ea. - $ 235
Report writing, with sample handling and data interpretation - - - - - - - - -$2500

subtotal = $ 41,887.56
GST @7% on $11,961 = $ 837.27

plus 10% overhead = $ 4,272.48

TOTAL EXPLORATION EXPENSES CLAIMED = $ 46,997.31

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06990 TO 06990
THE PAS RECORDING OFFICE,MINES

SUMMARY REPORT
(to October 30, 2001)
on EXPLORATION of the
EDEN LAKE RARE EARTH ELEMENT PROPERTY
LYNN LAKE AREA MANITOBA, CANADA
64C - 9NE

INTRODUCTION

This report contains the results of a magnetometer and VLF survey over two grids cut on the Eden Lake property, claims Eden-862 (MB862), Eden-863 (MB863), Eden-6067 (P6067E) and Eden-9 (P3422F), plus soil sampling and prospecting locations (sample results pending). This work is herein filed for assessment credits on the above claims.

LOCATION AND ACCESS

The EDEN claims are located approximately 50 km. ESE of the mining community of Lynn Lake, Manitoba (Figures 1, 2, and 3). 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 winter logging road access to the east side of Eden Lake was constructed in 1998. Due to a poor freeze up in 1999, this road was locally upgraded to avoid unfrozen swamps, making this winter road a possible future all year round access route to the property.

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

THE PROPERTY

The Eden Lake property consists of 7 claim blocks totalling 1616 Ha (3993 acres), covering the predominantly land based property on the east side of Eden Lake.

The Eden Lake property is owned 100% by Strider Resources Limited, a private exploration company wholly owned by geologist D. V. Ziehlke. The property has been optioned to a private party, who are in the process of forming a company and raising funds to explore the property for rare earth element deposits. This company will be in place by June 1, 2000 and will fund the proposed exploration program.

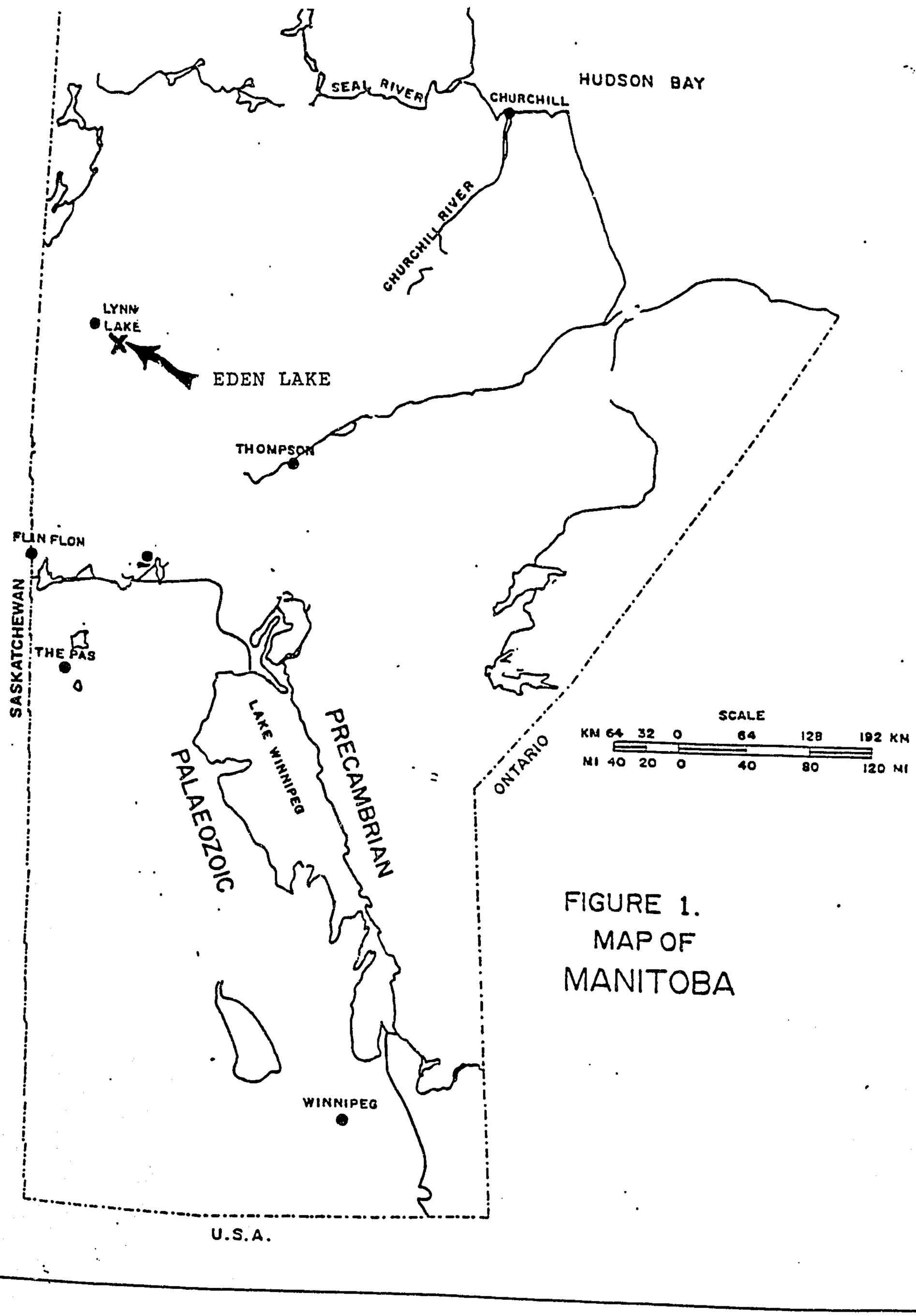


FIGURE 1.
MAP OF
MANITOBA

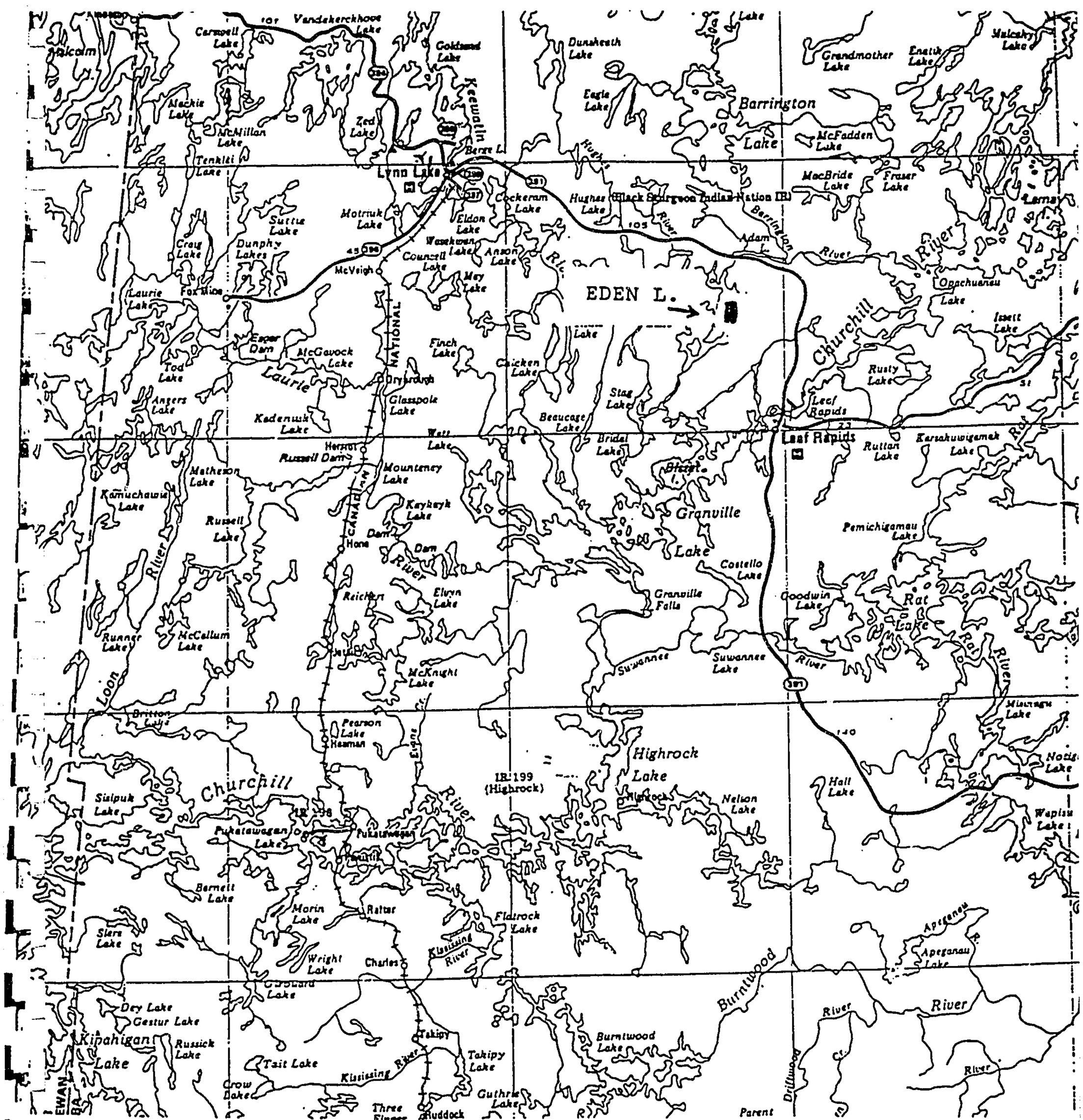
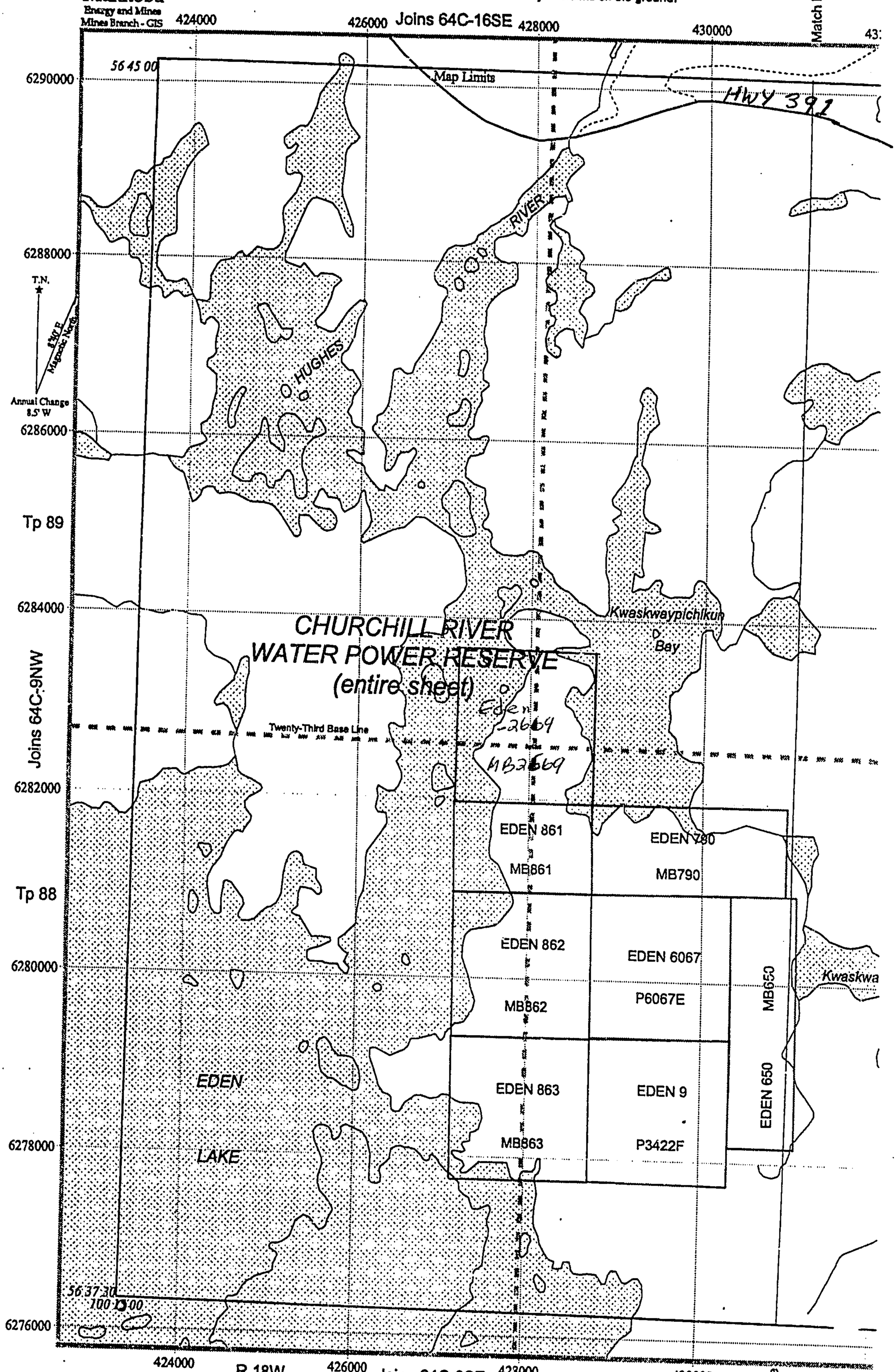


FIGURE 2. Road map showing Eden Lake property.

SCALE: 0 km 20 km

Manitoba
Energy and Mines
Mines Branch - GIS

Note: Unsurveyed claims are plotted by Mines Branch staff from sketches provided by prospectors and others. Mines Branch does not hold itself responsible for accuracy of the location of unsurveyed claims on the ground.



64C-9NE
West Half

Mining Claims

Scale 1:50 000

73866

Figure 3

A complete list of the Eden claims, and their expiry dates, is contained in Appendix 2.

REGIONAL AND LOCAL GEOLOGICAL SETTING

The Eden Lake property occurs 10 km south of the eastern end of the Lynn Lake volcanic belt, and 10 km south of the E-W trending Johnson Shear zone (Figures 2 and 3). In general, the Eden Lake area is underlain by an intrusive complex comprising older tonalite and quartz diorite intruded by granodiorite and granite (Cameron, 1988).

One of the latest intrusions in this area was the Eden Lake monzosyenite to aegerine augite monzonite complex, which is a roughly circular shaped intrusion on the east side of Eden Lake (Gunter et. al., 1995) (Figure 3). A number of intrusive phases have been identified within the complex, the latest phases of which were determined to contain potentially economic concentrations of the rare earth element (REE) bearing mineral, britholite (Arden and Halden, 1996).

TARGET COMMODITY AND DEPOSIT TYPE

The target commodity is both light and heavy Rare Earth elements, including neodymium, cerium, lanthanum, yttrium, gadolinium, dysprosium, erbium, ytterbium, and lutetium. The newly discovered presence of concentrations of heavy rare earth elements increases greatly the potential of the Eden lake property.

The deposit type is late deuteric, micropegmatitic to pegmatitic, rare earth bearing intrusive phases, within the multiphase Eden Lake monzonitic intrusion.

PREVIOUS WORK

The Eden Lake intrusive complex was first discovered in 1988 by government mapping (Cameron, 1988). In 1990 a showing of neodymium, cerium, and lanthanum bearing britholite mineralization was identified on an outcrop ridge (see main showing, Figure 4). Analyses of a 16 kg sample from this showing containing 8% britholite, by Lakefield Research, indicated that the ore does beneficiate well, resulting in a 9.2% cerium, 5.3% neodymium, and 3.3% lanthanum concentrate (Lakefield Research Report, 1996). Additional concentration work was

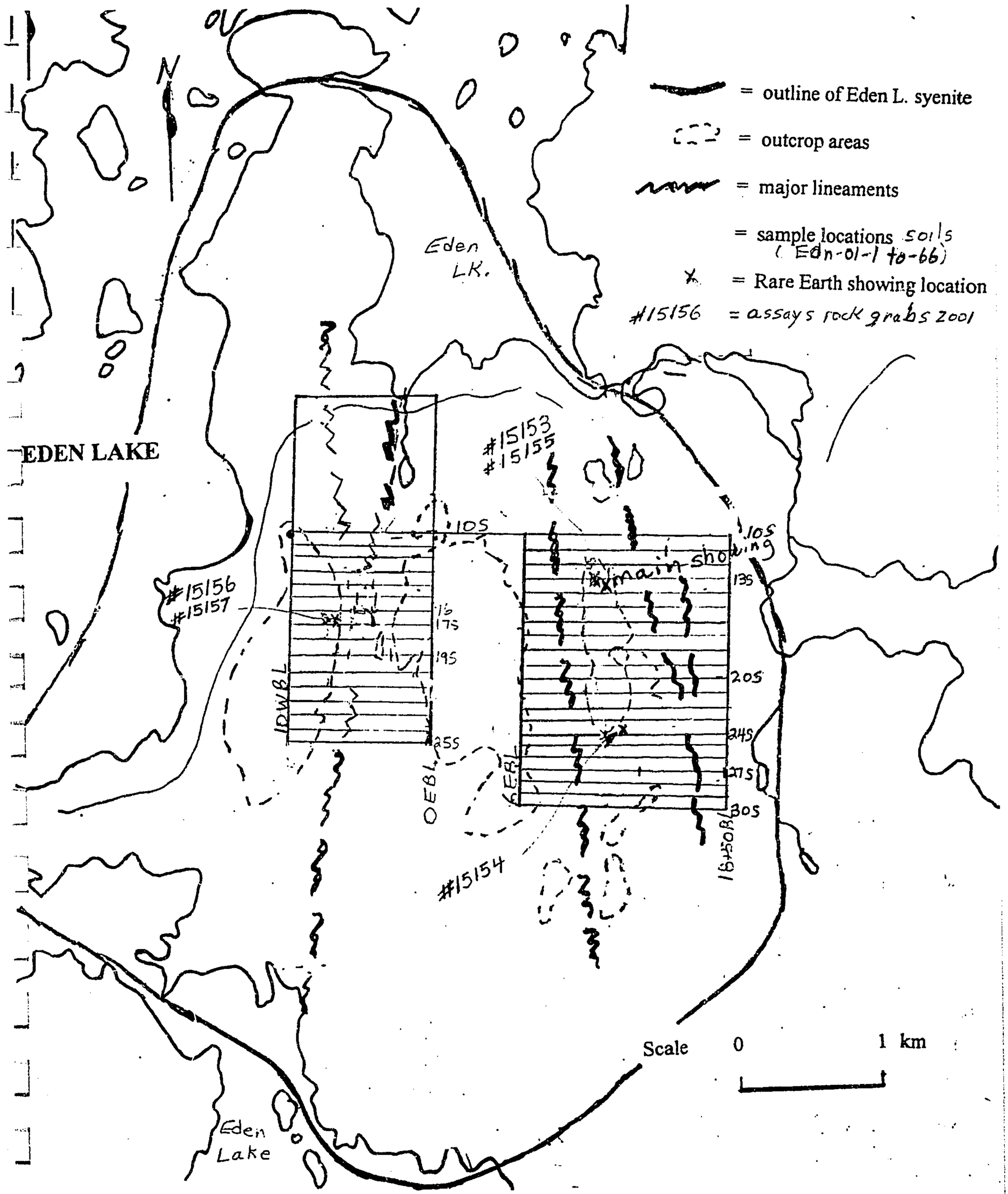


Figure 4. Eden L. 2001 Grid locations for EZL soil and rock assay samples.

recommended for the ore.

Tag alder, plus multi-element enzyme leach (EZL) soil surveys, were conducted in the vicinity of the main showing by Dr. M. Fedikow of Manitoba Energy and Mines, from 1993 to 1995. Both the Tag alder and EZL geochemical methods discovered higher anomalous rare earth values east of the main showing, in a drift covered, N-S striking, valley, than near the main showing itself (unpublished data, M. Fedikow, personal comm.). Despite the success of the EZL soil geochemical analyses, the fact that the Tag alder samples were much easier to obtain, caused this method to be used in future work.

Continued Tag alder biogeochemical surveys since that time, conducted by Strider Resources, have shown that the major N-S trending recessive lineament, (valley), which occurs east of the main showing, is indeed highly anomalous in rare earths Ce, Ne, and La values. In fact, a Tag alder survey line run E-W across the valley, 1 km south of the main showing, returned higher anomalous values for Ce, Ne, and La than near the main showing (see MPAP Prospecting Reports 1996 and 1997).

Following the 1998 forest fire over the Eden Lake intrusion, prospecting in the same area as the southern Tag alder anomaly, returned highly anomalous yttrium, plus near ore grade **heavy rare earth** values in dysprosium, erbium, and ytterbium from a black garnet bearing (andradite), late intrusive phase, grab sample (see Appendix 1). The presence of high priced heavy rare earths added a new potential to the property.

In 1999 two additional fracture filled showings in the same vicinity were located, extending the sparse mineralization over a strike length of 600 meters along the edge of the recessive lineament. A selected grab sample returned values of $82 to $234/tonne in REEs (see Figure 4, sample 5, plus Appendix 1). Also noteworthy is the presence of up to 10 g Scandium at location 5 (Figure 4).

Also in 1999, a new Ce, Nd light rare earth showing was discovered on the edge of a second major valley through the western side of the Eden Lake intrusion (see sample location 13, Figure 4 and Appendix 1). This discovery, which needs more work, adds additional potential to the property, suggesting that all the major recessive lineaments within the Eden Lake intrusive complex have potential to contain late stage, rare earth bearing intrusive phases, within what are probably late faults or shear zones.

Thus, surface work to date indicates that the major, N-S trending recessive lineaments, within the Eden Lake intrusive complex, may contain significant

unexposed heavy and light rare earth mineralization, in what are suspected late fractures or shear zones.

In the fall of 2000 two enzyme leach lines, totalling 33 samples plus prospecting was conducted over the Eden property (see Oct. 2000 propspecting report filed for assessment October 22, 2000. This work showed a strong rare earth element (REE) anomaly over the central part of the western lineament.

EXPLORATION SUMMER, 2001

A two grid, 52.85 km of line cutting, followed by magnetometer and VLF geophysics program was conducted this summer, one grid to cover the west lineament, and a second grid to cover part of the east and central lineaments (Figure 4).

Additional follow up prospecting and analytical work on showings found last October, plus location on the new grid of earlier prospecting was done. A 66 sample EZL soil geochemical surveys was conducted this summer. The potential value of this prospecting work on newly burned outcrop exposure work was shown last year when the surprisingly high rare earth values were returned from location 13, Figure 4, Nov., 1999 Report).

Since the burn of 1998 destroyed all Tag alders, the only other method of determining the buried presence of rare earth element concentrations remains the use of enzyme leach soil sampling, at least until the Tag alders grow back.

RESULTS OF 2001 SUMMER PROGRAM

Line cutting:

A total of 52.85 km of linecutting was done in two grids, Figure 4. Both grids were chained and picketed at 25 m intervals, for easy grid location positioning.

Magnetometer and VLF-EM Surveys:

Appendix 1 contains a 1:5000 map of the magnetometer contoured map and the raw data profiles, plus the VLF-EM results, raw and Frazer filtered..

The survey was conducted by Wride Exploration Services of Flin Flon, using a Gem Systems GSM-19 VLF/Magnetometer instrument. The VLF-EMsurvey used the Seattle Washington signal. The mag survey is contoured using a 20 Nt spacing.

These results indicate a number of distinct high and low magnetic anomalies, plus scattered VLF responses. A number of these anomalies were ground proofed, and several were the subject of the above mentioned EZL soil survey lines. These anomalies will be the focus of additional exploration next summer.

Enzyme Leach Soil Geochemical Surveys:

A 66 sample program was conducted on the 2001grid, consisting of a number of short lines across the lineaments, on lines L 14S (samples Edn-01-8 to -14), L15S (Edn-01-1 to -7), L17S (Edn-01-15 to -21), and L19S (Edn-01-22 to -30), West grid (Map Appendix 1); and lines L11S (Edn-01-50 to -66) and L27S (Edn-01-31 to -49), East grid (Appendix 1). Unfortunately, the presence of boulder train cover in many places makes obtaining a suitable soil sample for EZL analysis difficult.

It was observed that the Tag Alders are growing back in the burned area, with an average height of ~ 1 meter. It is estimated that by next summer, these alders may be tall and abundant enough for use in a Tag alder geochemical sampling program, to replace the more difficult EZL survey sampling method..

Mapping and Prospecting:

The "original" britholite showing, now obliterated by oversampling, was located at L13+20S, 10+70E (see Appendix 1, EDN2 grid map). This allows location of all the geochemical surveys done by Fedikow and Strider in the area.

The western starting point for the southern Tag alder survey, Traverse # 2, from 1996, was located at L23+85S, 12W on the eastern edge of an out crop area. A vein of late feldspar plus quartz pegmatite was observed, which contained a scattered to clotty, black vitreous, poikilitic, mineral, believed to be andradite garnet (sample Eden-01-5, pending assay tag # 15154). No explanation, other than the garnet bearing pegmatite, for the high gold in Tag alders number from this location, was observed. Assays on grab samples of the black mineral bearing pegmatite are pending.

Assays are also pending from a couple of newly discovered allanite / britholite occurrences on L13S, at 10+35E, and 10+05E, ~50 meters NNW of the Main original showing. (Eden-10 and -11, pending assay tag #'s 15153 and 15155). One irregular vein of late, quartz, black mineral (britholite/allanite) bearing pegmatite vein was traced in outcrop over ~ 85 meters N-S. The pegmatite vein is

overall non to sparsely mineralized, with dark brown to black britholite, but locally has clusters of large clots up to 7 cm comprising up to 30% of the rock over 30 to 50 cm patches. The continuity of this mineralized pegmatite may indicate potential for larger britholite accumulations in the area, such as the adjacent recessive linear structures.

CONCLUSIONS AND RECOMMENDATIONS

Results on the six short EZL soil sample lines are pending, along with the five rock sample REE assays. These will be reported when received.

The discovery of additional showings of what appear to be britholite near the original Main showing, is considered of significance. A number of magnetic anomalies have been are related to magnetite, which often accompanies late, pegmatitic phases, some of which are REE bearing, allanite / britholite or andradite mineralization.

A final report will be written when the data is received from the fall soil survey and prospecting assays. Further work will be recommended at that time.

D. V. Ziehlke

Daniel V. Ziehlke, P. Geo.

October 22, 2001

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CERTIFICATE OF QUALIFICATIONS

D.V.ZIEHLKE, P. GEO.

I, Daniel V. Ziehlke do hereby certify:

- That I was born in Red Lake, Ontario, Canada, March 7, 1948

- That I do reside at 208 Lakeside Ave, Cranberry Portage , Manitoba, Canada.

- That I am a graduate of the University of Manitoba, with a BSc.Hons. in 1971, and an MSc. in 1973 in Structural Geology.

- That I have been a fully practising member of the Association of Professional Engineers and Geoscientists of the Province of Manitoba continuously since September 1974.

- That I have practised my profession, full time, as a geologist continuously since 1974, and as a full time exploration geologist since 1979.

- That I am a registered Certified Prospector by the Prospectors and Developers Association of Canada, since January, 1978.

Signed and sealed:

D.V. Ziehlke

Daniel V. Ziehlke, P. Geo.

PROVINCE OF MANITOBA
D.V. ZIEHLKE
REGISTERED PROFESSIONAL GEOSCIENTIST

73866

23207rpt.xls

Enzyme Leach Job #: 23335 Report#: 23207 Customer: PRC ROC EXPLORATION Geologist: D. ZIEHLKE

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.

Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

			Regular Package: Oxidation Suite:																Base Metals:					Base Metal - Chalcophile Association Indicators:									High-Field Strength El	
	Sample ID:		S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	Co	Ni	Cu	Zn	Pb	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	S.Q. Ti	S.Q. Cr
L15S	EDN-01-01	3+75W	18900	141	61	205	8	6	17	1.4	-1	-1	0.03	0.20	-1	25.1	[illegible]	12	69	49	108	8	7	0.7	-0.2	0.7	-0.1	0.8	0.3	0.9	1480	69
	EDN-01-02		14100	103	95	239	8	6	14	1.4	-1	-1	0.01	0.12	-1	26.0	[illegible]	16	53	93	16	2	2	0.6	-0.2	0.5	-0.1	-0.8	-0.1	-0.8	452	22
	EDN-01-03		6540	191	42	27	5	-5	5	0.4	-1	-1	-0.01	0.05	-1	23.4	[illegible]	10	30	24	41	8	2	-0.5	-0.2	1.1	-0.1	-0.8	0.7	-0.8	779	-20
	EDN-01-04		6620	211	80	111	5	6	5	0.5	-1	-1	0.01	0.08	-1	76[illegible]	11.7	17	44	58	18	8	5	0.6	-0.2	0.5	-0.1	-0.8	0.7	-0.8	1630	40
	EDN-01-05		6580	251	79	177	8	6	4	0.7	-1	-1	0.01	0.15	-1	6[illegible]	9.4	21	54	69	81	6	5	0.6	-0.2	0.4	-0.1	-0.8	0.4	-0.8	1230	42
	EDN-01-06		15200	137	31	11	4	-5	4	0.3	-1	-1	0.02	-0.05	-1	12.6	8.0	15	17	15	30	10	2	-0.5	-0.2	3.1	-0.1	-0.8	0.2	-0.8	201	-20
	EDN-01-07	5+25W	8260	295	48	12	6	-5	3	0.2	-1	-1	0.03	-0.05	-1	14.1	12.1	29	21	17	33	11	3	-0.5	-0.2	2.5	-0.1	-0.8	0.6	-0.8	274	-20
L14S	EDN-01-08	3+75W	16800	170	73	132	6	7	7	0.5	-1	-1	0.07	-0.05	-1	12.5	82.3	2	14	29	19	4	2	-0.5	-0.2	0.3	-0.1	-0.8	0.3	-0.8	572	-20
	EDN-01-09		11200	185	89	468	15	8	4	2.0	-1	-1	0.01	-0.05	-1	40.3	11.7	9	36	93	11	3	3	0.8	-0.2	0.3	-0.1	-0.8	0.1	-0.8	424	-20
	EDN-01-10		13900	91	47	210	8	5	7	1.0	-1	-1	-0.01	-0.05	-1	21.7	18.8	5	39	40	13	2	1	-0.5	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	469	-20
	EDN-01-11		9700	215	158	467	16	9	7	1.7	-1	-1	0.03	0.06	-1	31.4	153	8	30	67	-10	2	2	0.8	-0.2	0.2	-0.1	-0.8	-0.1	-0.8	342	-20
	EDN-01-12		4830	160	19	10	6	-5	2	0.2	-1	-1	0.03	-0.05	-1	12.9	20.1	13	10	8	27	5	2	-0.5	-0.2	0.9	-0.1	-0.8	0.5	-0.8	218	-20
	EDN-01-13		5980	115	13	11	2	-5	2	0.2	-1	-1	-0.01	-0.05	-1	6.6	11.1	4	6	4	16	2	-1	-0.5	-0.2	0.4	-0.1	-0.8	0.4	-0.8	308	-20
	EDN-01-14	5+50W	-2000	155	74	218	7	-5	4	0.7	-1	-1	0.01	0.10	-1	40.1	51.3	6	43	52	-10	5	5	0.6	-0.2	0.6	-0.1	-0.8	0.4	-0.8	1650	-20
L17S	EDN-01-15	4+25W	6240	58	16	65	3	-5	3	0.3	-1	-1	0.02	-0.05	-1	10.7	12.1	2	12	16	16	2	1	-0.5	-0.2	-0.2	-0.1	-0.8	0.3	-0.8	777	-20
	EDN-01-16		30400	220	46	217	6	7	7	0.9	-1	-1	0.04	-0.05	-1	33.6	27.2	11	53	51	24	3	4	0.9	-0.2	0.4	-0.1	-0.8	0.5	-0.8	707	34
	EDN-01-17		17500	57	-2	1410	23	7	31	1.2	-1	2	0.02	-0.05	-1	13.9	48.9	16	44	42	12	2	1	-0.5	-0.2	0.4	-0.1	-0.8	0.1	-0.8	1190	-20
	EDN-01-18		6900	90	24	203	9	8	36	1.4	-1	-1	0.02	-0.05	-1	18.8	35.0	22	64	180	43	2	2	-0.5	-0.2	0.5	-0.1	-0.8	-0.1	-0.8	329	-20
	EDN-01-19		5670	116	31	87	6	-5	3	0.3	-1	-1	0.01	-0.05	-1	25.4	19.1	12	17	29	18	3	2	-0.5	-0.2	0.3	-0.1	1.0	0.5	-0.8	759	-20
	EDN-01-20		4060	173	13	54	8	-5	2	0.2	-1	-1	-0.01	-0.05	-1	18.1	15.6	14	15	18	33	8	5	0.5	-0.2	1.6	-0.1	-0.8	0.5	-0.8	711	-20
	EDN-01-21	5+75W	5820	129	-2	13	4	-5	1	0.2	-1	-1	-0.01	-0.05	-1	11.0	9.4	8	12	5	21	5	2	-0.5	-0.2	1.3	-0.1	-0.8	0.7	-0.8	185	-20
L19S	EDN-01-22	2+75W	9200	78	12	57	3	-5	6	0.3	-1	-1	0.01	-0.05	-1	9.5	42.4	37	10	11	-10	4	2	-0.5	-0.2	0.4	-0.1	-0.8	0.4	-0.8	443	-20
	EDN-01-23		13600	25	-2	594	21	-5	16	0.6	-1	-1	-0.01	0.06	-1	5.3	25.2	8	13	21	18	2	-1	-0.5	-0.2	0.4	-0.1	-0.8	-0.1	-0.8	680	-20
	EDN-01-24		12100	118	33	431	9	5	15	1.5	-1	-1	-0.01	0.07	-1	31.3	50.1	21	89	131	42	6	7	1.1	-0.2	0.5	-0.1	-0.8	0.2	-0.8	1180	43
	EDN-01-25		10200	177	67	231	8	11	13	1.1	-1	-1	0.02	-0.05	-1	38.4	271	19	57	166	-10	2	5	1.1	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	396	24
	EDN-01-26		5210	99	16	40	4	-5	1	0.2	-1	-1	0.02	-0.05	-1	22.9	24.8	10	26	14	35	4	3	-0.5	-0.2	0.5	-0.1	-0.8	0.3	-0.8	840	-20
	EDN-01-27		7820	244	80	127	6	7	-1	0.4	-1	-1	-0.01	0.16	-1	106.0	48.5	15	38	47	10	6	5	0.9	-0.2	0.6	-0.1	-0.8	0.7	-0.8	1550	37
	EDN-01-28		3310	173	40	153	11	7	3	0.7	-1	-1	-0.01	0.07	-1	108.0	20.3	35	63	86	22	5	7	0.9	-0.2	0.9	-0.1	-0.8	0.5	-0.8	1550	37
	EDN-01-29		5150	282	93	135	11	7	1	0.5	-1	-1	0.04	0.05	-1	110.0	30.9	21	39	85	70	9	5	0.6	-0.2	1.3	-0.1	-0.8	0.7	-0.8	1380	40
	EDN-01-30	5+75W	4460	135	15	77	9	-5	3	0.5	-1	-1	0.02	-0.05	-1	18.4	13.5	11	33	11	52	9	4	-0.5	-0.2	0.8	-0.1	-0.8	0.2	-0.8	2160	-20
L27S	EDN-01-31	13+25E	10800	59	64	262	6	-5	14	0.5	-1	-1	-0.01	-0.05	-1	6.9	18.5	11	20	59	23	4	-1	-0.5	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	436	-20
	EDN-01-32		15100	204	131	336	12	7	4	1.2	-1	-1	0.04	-0.05	-1	29.2	64.2	8	41	80	22	3	2	0.7	-0.2	0.2	-0.1	-0.8	-0.1	-0.8	424	-20
	EDN-01-33		6670	118	28	539	10	6	30	2.1	-1	-1	0.06	-0.05	-1	43.5	201	11	49	77	31	4	3	1.1	-0.2	0.7	-0.1	-0.8	0.3	-0.8	993	-20
	EDN-01-34		9870	183	68	187	9	6	20	0.8	-1	-1	0.03	-0.05	-1	39.7	199	10	40	38	32	5	5	0.5	-0.2	0.7	-0.1	-0.8	0.2	-0.8	852	-20
	EDN-01-35		18100	92	26	94	6	-5	17	0.7	-1	-1	-0.01	-0.05	-1	13.9	94.4	15	28	31	12	1	[illegible]	-0.5	-0.2	0.3	-0.1	-0.8	0.1	-0.8	308	-20
	EDN-01-36		9370	64	48	287	9	-5	12	1.1	-1	3	-0.01	0.05	-1	5.4	8.7	6	23	68	-10	1	1	-0.5	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	240	-20
	EDN-01-37		12400	221	84	345	13	6	2	1.5	-1	-1	-0.01	-0.05	-1	73.4	11.1	5	37	91	13	2	2	0.8	-0.2	0.6	-0.1	-0.8	0.1	-0.8	606	-20
	EDN-01-38		14200	95	58	364	11	6	7	1.3	-1	-1	0.02	-0.05	-1	11.6	6.2	6	23	47	-10	1	-1	-0.5	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	385	-20
	EDN-01-39		13000	218	34	750	11	7	17	1.8	-1	-1	0.02	-0.05	-1	15.7	17.2	15	49	72	15	3	3	0.5	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	725	-20
	EDN-01-40		8010	99	-2	2830	11	-5	70	1.8	-1	4	0.04	0.08	-1	28.8	45.8	11	54	58	14	5	3	0.9	-0.2	0.4	-0.1	-0.8	0.1	-0.8	1850	21
	EDN-01-41		8330	95	11	273	7	-5	3	1.3	-1	-1	-0.01	-0.05	-1	15.5	6.2	13	62	84	56	2	1	-0.5	-0.2	0.7	-0.1	-0.8	-0.1	-0.8	420	-20
	EDN-01-42		9360	110	54	232	8	6	4	1.6	-1	-1	-0.01	-0.05	-1	23.1	5.3	8	60	63	24	3	4	0.6	-0.2	0.4	-0.1	-0.8	0.2	-0.8	1150	-20
	EDN-01-43		8180	75	46	344	8	-5	4	1.1	-1	-1	0.02	-0.05	-1	9.7	3.8	6	44	51	-10	1	-1	-0.5	-0.2	0.2	-0.1	-0.8	-0.1	-0.8	410	-20
	EDN-01-44		6340	128	79	348	9	-5	2	1.2	-1	-1	-0.01	-0.05	-1	10.6	3.5	4	28	39	-10	1	-1	-0.5	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	383	-20
	EDN-01-45		2260	132	63	174	8	-5	3	1.0	-1	-1	-0.01	-0.05	-1	30.9	5.4	9	48	45	13	3	3	0.6	-0.2	0.4	-0.1	-0.8	0.2	-0.8	1000	-20
	EDN-01-46		4480	163	85	325	12	5	3	1.1	-1	-1	-0.01	0.08	-1	42.4	5.6	14	63	64	31	8	9	0.8	-0.2	0.4	-0.1	0.8	0.3	-0.8	2010	39
	EDN-01-47		8670	177	114	429	12	7	3	1.6	-1	-1	0.02	0.08	-1	23.3	4.8	4	24	83	13	2	2	0.8	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	541	-20
	EDN-01-48		8500	135	83	427	13	-5	4	1.6	-1	-1	0.02	0.17	-1	42.3	5.8	12	78	78	56	11	15	1.3	-0.2	0.4	-0.1	1.5	0.5	-0.8	2850	62
	EDN-01-49	18+50E	4550	194	56	143	13	6	3	0.9	-1	-1	-0.01	-0.05	-1	62.5	6.6	14	70	64	30	6	5	0.8	-0.2	0.9	-0.1	-0.8	0.3	-0.8	1450	41
L11S	EDN-01-50	14+75E	11400	278	108	448	13	7	5	0.9	-1	-1	-0.01	-0.05	-1	19.5	7.9	10	29	79	-10	2	1	0.9	-0.2	0.4	-0.1	-0.8	-0.1	-0.8	548	-20
	EDN-01-51		13400	178	78	342	12	7	4	1.5	-1	-1	0.03	-0.05	-1	12.8	4.1	7	24	52	-10	2	1	-0.5	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	450	-20
	EDN-01-52		9840	216	85	143	8	5	8	1.1	-1	-1	0.09	0.16	-1	26.8	37.4	11	40	54	32	4	5	0.7	-0.2	0.5	-0.1	-0.8	0.4	-0.8	1200	-20
	EDN-01-53		13900	118	60	294	9	7	12	1.2	-1	-1	0.02	-0.05	-1	14.6	26.8	18	46	66	20	1	2	-0.5	-0.2	0.4	-0.1	-0.8	-0.1	-0.8	514	-20
	EDN-01-54		18100	215	74	270	10	7	10	1.3	-1	-1	0.02	0.11	-1	28.8	33.0	8	63	56	12	2	3	0.6	-0.2	0.5	-0.1	-0.8	0.1	-0.8	729	28
	EDN-01-55		17200	100	48	243	9	-5	6	1.2	-1	-1	-0.01	-0.05	-1	15.1	20.6	8	53	59	25	2	2	-0.5	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	591	-20
	EDN-01-56		10600	105	-83	271	9	-5	4	1.3	-1	-1	-0.01	-0.05	-1	15.0	12.4	5	32	61	20	2	1	-0.5	-0.2	0.3	-0.1	-0.8	-0.1	-0.8	394	-20
	EDN-01-57		10900	107	39	229	10	-5	5	1.2	-1	-1	0.03	0.06	-1	21.4	19.9	8	43	61	26	2	2	-0.5	-0.2	0.4	-0.1	-0.8	-0.1	-0.8	590	-20
	EDN-01-58		14300	96	17	538	11	8	13	1.4	-1	-1	0.02	-0.05	-1	23.0	48.3	35	71	94	34	3	3	0.5	-0.2	0.7	-0.1	-0.8	0.1	-0.8	599	30

Note: No sample @ 4+00W

Notes: no samples @ 3+75W → 4+25W plus @ 4+75W

Notes: No samples at: 14+50, 16+00E, 16+25E

con't

73866

Enzyme Leach Job #: 23335 Report#: 23207 Customer: PRO ROC EXPLORATION Geologist: D. ZIEHLKE

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.

Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Regular Package:

Sample ID:	*Oxidation Suite:* S.Q. Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q. Hg	Th	U	*Base Metals:* Co	Ni	Cu	Zn	Pb	*Base Metal - Chalcophile Association Indicators:* Ga	Ge	Ag	Cd	In	Sn	Tl	Bi	*High-Field Strength El* S.Q. Ti	S.Q. Cr
EDN-01-59	14500	158	84	543	15	6	4	1.9	-1	-1	0.02	-0.05	-1	8.1	3.7	4	27	51	-10	1	-1	-0.5	-0.2	-0.2	-0.1	-0.8	-0.1	-0.8	274	-20
EDN-01-60	6080	172	103	471	12	-5	4	1.7	-1	-1	-0.01	-0.05	-1	27.9	5.1	8	42	64	22	5	6	0.7	-0.2	0.3	-0.1	-0.8	0.2	-0.8	1140	22
EDN-01-61	6450	188	92	404	12	-5	2	1.3	-1	-1	-0.01	-0.05	-1	25.1	5.3	6	38	70	46	3	3	0.6	-0.2	-0.2	-0.1	-0.8	0.2	-0.8	769	21
EDN-01-62	3610	121	87	396	10	-5	1	1.2	-1	-1	-0.01	-0.05	-1	16.5	3.7	3	20	48	-10	2	2	-0.5	-0.2	0.2	-0.1	-0.8	-0.1	-0.8	452	-20
EDN-01-63	-2000	82	42	355	11	-5	4	1.4	-1	-1	-0.01	0.15	-1	26.7	5.0	16	83	65	75	10	11	0.9	-0.2	0.6	-0.1	1.2	0.4	-0.8	2410	44
EDN-01-64	7960	145	45	220	9	-5	3	1.2	-1	-1	0.02	0.08	-1	17.1	3.3	10	39	49	10	2	1	0.5	-0.2	0.2	-0.1	-0.8	-0.1	-0.8	491	-20
EDN-01-65	4500	178	79	327	14	7	2	1.5	-1	-1	0.01	0.12	-1	66.3	7.1	8	49	79	22	7	8	1.1	-0.2	0.5	-0.1	-0.8	0.3	-0.8	1860	39
EDN-01-66	4880	161	95	413	12	6	3	1.3	-1	-1	-0.01	0.05	-1	46.6	5.6	7	47	69	27	5	7	1.1	-0.2	0.4	-0.1	-0.8	0.2	-0.8	1570	34

18+75E

end line

Certified By:

D. D'Anna, Dipl. T.
ICPMS Technical Manager, Activation Laboratories Ltd.

Date Received: 18-OCT-01

Date Reported: 13-NOV-01

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Unless otherwise instructed, samples will be disposed of 90 days from the date of the report.

73866

Enzyme Leach Job #: 23335 Report
Trace element values are in parts per bi
Values = 999999 are greater than the wo

			Regular Package:	ements:					Rare Earth Elements:														Lithophile Elements:									P.G.E.s:			
	Sample ID:			Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
L15S	EDN-01-01	3+75W		27.5	173	7	4.3	1.2	65.8	174	21.6	87.0	14.1	3.2	10.6	1.6	5.5	1.3	3.0	0.5	2.7	0.7	76	3	-100	708	89	2490	1.8	629	-1	-1	-1	-1
	EDN-01-02			76.0	217	2	3.8	0.5	123	270	43.3	179	30.1	6.1	22.2	3.3	14.0	2.8	8.0	1.1	6.9	1.2	165	3	-100	1630	20	3570	0.2	434	-1	-1	-1	-1
	EDN-01-03			27.0	45	5	1.8	0.5	84.2	189	25.7	104	17.3	4.0	12.5	1.6	6.3	1.0	2.8	0.4	2.0	0.4	138	7	-100	285	94	565	0.6	2380	-1	-1	-1	-1
	EDN-01-04			43.3	297	6	8.5	0.6	102	272	35.0	141	23.5	5.1	16.7	2.2	8.9	1.7	4.9	0.7	4.2	0.7	213	6	-100	131	205	671	1.4	1190	-1	-1	-1	-1
	EDN-01-05			41.4	219	6	5.5	0.4	107	263	33.1	141	22.2	4.6	17.1	2.3	9.6	1.6	5.2	0.7	4.7	0.7	197	5	-100	284	115	799	1.1	745	-1	-1	-1	-1
	EDN-01-06			22.3	24	2	1.1	0.1	92.0	209	25.1	101	16.5	3.9	12.5	1.5	5.5	0.9	2.4	0.2	1.5	0.2	18	7	-100	139	17	450	0.5	1390	-1	-1	-1	-1
	EDN-01-07	5+25W		21.8	20	2	0.7	0.1	97.0	212	27.4	105	17.4	4.1	11.9	1.6	5.3	0.9	2.3	0.3	1.8	0.2	42	8	-100	123	82	816	0.8	1320	-1	-1	-1	-1
L14S	EDN-01-08	3+75W		37.5	67	5	1.8	0.2	154	217	38.1	144	20.5	4.3	15.8	1.9	6.5	1.1	3.4	0.4	2.4	0.4	25	-2	-100	58	39	4010	0.3	272	-1	-1	-1	-1
	EDN-01-09			138	256	3	4.3	0.2	161	249	53.2	222	41.2	7.3	31.5	5.1	23.5	4.6	14.8	2.2	14.3	2.3	189	3	-100	503	29	968	0.2	265	-1	-1	-1	-1
	EDN-01-10			42.9	188	3	3.5	0.2	61.5	139	20.1	78.5	14.1	2.7	10.9	1.6	7.0	1.5	4.1	0.6	4.2	0.6	114	2	-100	263	19	3710	0.1	274	-1	-1	-1	-1
	EDN-01-11			159	179	3	2.8	0.2	158	95	66.2	301	59.9	11.9	39.0	6.0	27.1	5.7	16.9	2.2	15.2	2.5	223	3	-100	390	5	8950	-0.1	600	-1	-1	-1	-1
	EDN-01-12			32.7	22	2	0.9	0.1	94.5	194	29.1	120	20.3	4.8	13.7	1.9	6.9	1.2	3.3	0.4	2.5	0.3	61	8	-100	149	30	1040	0.3	1590	-1	-1	-1	-1
	EDN-01-13			11.3	11	1	0.4	-0.1	47.2	101	13.3	54.1	9.1	2.1	6.2	0.8	2.5	0.6	1.2	-0.1	0.8	-0.1	14	4	-100	48	15	377	0.4	620	-1	-1	-1	-1
	EDN-01-14	5+50W		59.1	221	7	4.9	0.4	115	281	41.3	177	30.8	6.0	21.4	2.9	12.6	2.3	6.7	1.0	6.9	1.1	167	5	-100	326	63	4220	1.4	742	-1	-1	-1	-1
L17S	EDN-01-15	4+25W		16.9	36	5	1.0	0.2	57.7	127	18.8	74.8	11.3	2.2	7.9	1.2	3.8	0.7	2.0	0.2	1.4	0.2	13	3	-100	51	79	1730	0.4	584	-1	-1	-1	-1
	EDN-01-16			90.9	150	5	3.7	0.2	219	541	73.2	308	50.8	10.2	33.9	4.5	16.7	2.8	8.8	1.2	8.8	1.1	114	5	-100	843	92	3210	0.4	951	-1	-1	-1	-1
	EDN-01-17			24.5	112	9	2.7	0.3	57.0	135	17.7	69.7	10.8	2.4	8.5	1.2	4.5	0.8	2.5	0.4	2.1	0.3	86	-2	-100	2350	26	2790	0.1	461	-1	-1	-1	-1
	EDN-01-18			93.8	101	2	1.7	0.2	101	228	30.2	127	23.6	4.3	19.0	2.9	13.1	2.8	8.5	1.3	8.4	1.4	88	2	-100	5170	16	5630	0.2	453	-1	-1	-1	-1
	EDN-01-19			19.9	63	5	2.1	0.2	59.2	142	18.8	78.9	13.0	2.7	9.2	1.3	4.8	0.8	2.2	0.3	1.8	0.3	50	3	-100	542	83	3100	0.5	862	-1	-1	-1	-1
	EDN-01-20			29.5	29	5	1.2	0.2	99.2	227	27.5	110	17.9	4.2	13.0	1.8	6.6	1.1	2.9	0.3	2.1	0.3	61	7	-100	184	22	1140	0.2	1090	-1	-1	-1	-1
	EDN-01-21	5+75W		15.7	13	1	0.5	-0.1	65.2	133	15.9	65.6	10.3	2.5	8.2	1.0	4.2	0.8	1.5	0.2	1.3	0.2	43	7	-100	123	37	619	0.4	1250	-1	-1	-1	-1
L19S	EDN-01-22	2+75W		16.4	32	4	1.1	0.1	53.1	143	17.9	78.5	12.6	2.9	8.6	1.1	3.9	0.7	1.8	0.2	1.6	0.2	41	3	-100	9550	63	5010	0.2	1580	-1	-1	-1	-1
	EDN-01-23			7.3	52	6	1.1	0.1	16.0	38.5	4.9	20.4	3.4	0.7	2.7	0.3	1.5	0.2	0.9	0.1	0.7	-0.1	51	-2	-100	1980	24	2620	0.1	387	-1	-1	-1	-1
	EDN-01-24			84.5	213	6	4.1	0.4	127	303	41.3	177	30.0	6.0	22.3	3.3	13.7	2.7	7.9	1.2	7.5	1.0	116	3	-100	2500	50	5450	1.5	717	-1	-1	-1	-1
	EDN-01-25			264	262	3	4.9	0.2	409	858	138	594	95.0	20.7	70.1	9.8	39.8	7.7	23.1	2.8	18.2	2.6	139	5	-100	2050	18	6350	0.2	945	-1	-1	-1	-1
	EDN-01-26			33.5	48	5	1.7	0.1	106	209	28.4	110	17.0	4.0	13.6	1.7	6.7	1.2	3.3	0.4	2.3	0.3	79	6	-100	184	109	738	0.3	1070	-1	-1	-1	-1
	EDN-01-27			78.7	352	6	10.7	0.3	251	580	75.9	292	48.4	10.3	35.1	4.6	17.5	3.1	9.0	1.1	6.4	0.9	116	7	-100	105	173	2510	1.1	2110	-1	-1	-1	-1
	EDN-01-28			109	374	10	9.1	0.3	237	618	84.8	392	63.0	11.8	45.3	5.7	22.6	3.9	11.1	1.5	8.3	1.0	178	11	-100	663	88	2160	0.9	1670	-1	-1	-1	-1
	EDN-01-29			45.1	330	7	9.1	0.3	149	355	47.6	187	28.9	6.0	21.0	2.9	10.1	1.8	5.2	0.6	4.0	0.5	312	7	-100	282	235	1040	0.8	1450	-1	-1	-1	-1
	EDN-01-30	5+75W		10.1	20	11	0.6	0.3	41.3	93.0	12.1	46.6	8.2	1.9	5.8	0.7	2.5	0.4	1.2	0.2	0.7	0.1	53	4	-100	315	12	941	0.2	599	-1	-1	-1	-1
L27S	EDN-01-31	13+25E		19.7	27	3	0.5	0.1	46.5	62.2	15.7	65.5	10.6	2.2	7.3	1.0	3.8	0.8	2.2	0.3	1.9	0.3	96	-2	-100	646	12	2540	-0.1	829	-1	-1	-1	-1
	EDN-01-32			106	188	3	2.7	0.2	211	184	66.1	281	42.6	8.0	29.6	4.1	17.8	3.4	9.6	1.4	9.2	1.5	142	3	-100	492	24	1350	0.1	408	-1	-1	-1	-1
	EDN-01-33			64.0	136	8	3.4	0.4	161	306	46.1	200	32.9	7.2	24.4	3.2	12.1	2.3	7.0	0.8	5.7	0.9	61	4	-100	2870	49	3440	0.2	1010	-1	-1	-1	-1
	EDN-01-34			37.0	178	5	4.0	0.4	85.5	169	25.5	102	16.3	3.6	12.8	1.7	6.6	1.4	3.9	0.5	3.4	0.5	99	-2	-100	805	37	3170	1.1	793	-1	-1	-1	-1
	EDN-01-35			29.3	85	2	1.9	0.1	62.9	129	18.7	80.3	11.8	2.7	9.2	1.2	5.0	0.9	2.9	0.4	2.4	0.4	59	-2	-100	1710	28	3220	0.1	694	-1	-1	-1	-1
	EDN-01-36			11.6	29	1	0.4	0.1	21.1	31.5	5.0	21.0	3.4	0.7	2.6	0.4	1.7	0.4	1.0	0.1	0.8	0.1	44	-2	-100	1060	27	1520	0.3	289	-1	-1	-1	-1
	EDN-01-37			85.1	402	4	7.1	0.2	121	225	37.8	155	29.3	4.7	21.1	3.3	16.2	3.1	9.5	1.3	9.6	1.6	129	3	-100	232	35	1300	0.2	280	-1	-1	-1	-1
	EDN-01-38			33.7	81	3	1.8	0.2	44.0	72.1	15.1	61.5	11.3	2.0	8.5	1.4	5.9	1.2	4.1	0.6	3.6	0.6	71	-2	-100	383	17	888	-0.1	273	-1	-1	-1	-1
	EDN-01-39			42.8	94	5	2.5	0.3	69.6	143	19.7	77.3	13.2	2.4	10.3	1.6	7.4	1.5	4.5	0.7	4.1	0.7	101	-2	-100	2090	24	1280	0.6	352	-1	-1	-1	-1
	EDN-01-40			28.9	112	10	3.1	0.4	57.8	104	15.2	59.7	10.3	2.0	8.0	1.2	5.1	0.9	2.9	0.4	2.7	0.4	71	2	-100	1290	33	3430	0.4	807	-1	-1	-1	-1
	EDN-01-41			34.5	163	3	3.2	0.1	39.6	121	14.4	58.6	10.9	1.9	8.2	1.3	6.2	1.3	3.8	0.6	4.4	0.7	112	-2	-100	648	37	606	0.1	253	-1	-1	-1	-1
	EDN-01-42			37.5	180	6	3.9	0.4	51.0	135	16.6	69.4	12.4	2.1	9.8	1.4	7.2	1.4	4.5	0.6	5.1	0.7	102	2	-100	390	42	303	0.9	343	-1	-1	-1	-1
	EDN-01-43			25.8	103	3	2.1	0.1	32.3	85.9	11.0	44.7	7.9	1.4	6.5	1.0	4.8	0.9	3.0	0.4	3.3	0.5	127	-2	-100	398	17	243	-0.1	230	-1	-1	-1	-1
	EDN-01-44			31.5	103	2	2.0	0.1	39.6	77.3	14.5	58.2	10.4	1.8	8.0	1.2	6.0	1.2	3.7	0.6	4.1	0.7	125	-2	-100	201	21	266	0.1	218	-1	-1	-1	-1
	EDN-01-45			36.5	239	5	5.3	0.3	57.8	130	17.8	73.8	12.7	2.4	9.8	1.5	7.2	1.5	4.4	0.7	4.7	0.7	95	3	-100	472	53	365	0.7	363	-1	-1	-1	-1
	EDN-01-46			39.2	293	8	6.2	0.5	68.1	143	21.6	90.1	16.5	3.0	11.6	1.8	8.5	1.8	5.4	0.7	5.7	1.0	144	2	-100	605	82	342	2.2	461	-1	-1	-1	-1
	EDN-01-47			67.7	149	3	2.6	0.2	83.3	148	34.1	146	27.7	4.5	18.7	3.0	13.7	2.7	8.6	1.3	9.1	1.5	164	2	-100	136	25	234	0.2	215	-1	-1	-1	-1
	EDN-01-48	18+50E		55.0	262	11	5.8	0.8	90.0	181	26.8	107	18.0	3.2	14.6	2.2	10.7	2.1	7.2	1.0	7.0	1.2	184	3	-100	543	113	259	4.2	470	-1	-1	-1	-1
L11S	EDN-01-49	14+75E		40.7	346	7	8.6	0.3	70.0	188	21.2	85.7	14.7	2.5	11.6	1.9	8.8	1.8	5.2	0.8	5.0	0.8	164	4	-100	424	74	335	1.3	490	-1	-1	-1	-1
	EDN-01-50			56.6	166	2	2.9	0.2	97.8	116	28.6	114	20.4	3.3	14.0	2.2	11.4	2.2	6.4	0.9	6.1	0.9	86	2	-100	398	27	2200	0.1	319	-1	-1	-1	-1
	EDN-01-51			42.1	106	2	2.0	0.2	65.3	74.7	19.7	77.7	13.4	2.3	10.6	1.7	7.6	1.6	5.0	0.7	5.1	0.7	76	-2	-100	339	18	450	-0.1	249	-1	-1	-1	-1
	EDN-01-52			39.6	171	7	3.6	0.4	91.1	183	25.6	100	17.6	3.5	12.2	1.7	7.4	1.4	4.0	0.5	3.5	0.5	138	3	-100	1170	129	2070	1.2	709	-1	-1	-1	-1
	EDN-01-53			42.0	143	3	2.6	0.2	81.3	186	24.6	101	15.8	3.4	12.2	1.7	7.5	1.4	4.1	0.5	3.8	0.5	103	2	-100	1570	41	1320	0.2	424	-1	-1	-1	-1
	EDN-01-54			64.5	261	5	5.6	0.6	140	289	40.8	166	26.9	5.4	21.0	2.9	11.9	2.3	6.7	0.9	5.7	0.9	114	4	-100	746	32	1730	0.4	477	-1	-1	-1	-1
	EDN-01-55			38.7	153	4	2.9	0.2	89.2	198	25.8	105	16.5	3.2	12.1	1.8	7.1	1.4	4.2	0.6	4.1	0.5	82	2	-100	677	41	1310	0.1	386	-1	-1	-1	-1
	EDN-01-56			42.3	141	3	2.7	0.2	60.3	132	18.2	78.2	13.3	2.6	10.4	1.5	7.2	1.5	4.6	0.7	4.3	0.7	123	-2	-100	432	25	981	0.1	283	-1	-1	-1	-1
	EDN-01-57			38.6	182	4	3.8	0.2	65.5	165	18.8	80.6	14.2	2.5	11.0	1.6	6.8	1.4	4.0	0.6	4.0	0.6	90	2	-100	882	31	1170	0.2	375	-1	-1	-1	-1
	EDN-01-58			65.0	227	5	4.1	0.3	136	313	38.6	160	26.1	5.0	19.7	2.7	11.0	2.2	6.7	0.9	6.2	0.9	123	3	-100	4700	34	1250	0.3	485	-1	-1	-1	-1

73866

Enzyme Leach Job #: 23335 Report
Trace element values are in parts per bi
Values = 999999 are greater than the wo

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Regular Package:	ements:					Rare Earth Elements:														Lithophile Elements:								P.G.E.s:			
Sample ID:	Y	Zr	Nb	Hf	Ta	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
EDN-01-59	32.2	64	2	1.1	0.1	49.6	69.8	14.2	58.1	9.6	1.7	7.2	1.1	5.0	1.0	3.3	0.5	2.9	0.5	126	-2	-100	325	18	262	0.2	244	-1	-1	-1	-1
EDN-01-60	59.3	185	6	3.5	0.4	77.9	155	26.2	107	18.8	3.1	15.2	2.5	11.4	2.3	7.4	1.1	7.9	1.2	160	-2	-100	499	50	308	1.2	412	-1	-1	-1	-1
EDN-01-61	58.3	188	4	3.5	0.2	74.0	149	25.9	109	20.2	3.5	14.8	2.3	11.2	2.3	7.2	1.1	8.1	1.3	135	2	-100	317	38	282	0.8	301	-1	-1	-1	-1
EDN-01-62	45.4	115	2	2.1	0.1	54.7	107	20.8	87.7	16.4	3.0	11.9	1.9	9.3	1.9	5.6	0.9	6.5	1.1	128	-2	-100	152	25	214	0.2	227	-1	-1	-1	-1
EDN-01-63	37.6	217	11	4.7	0.8	66.4	152	19.0	76.1	12.4	2.1	10.4	1.5	7.7	1.5	5.0	0.7	4.7	0.8	145	3	-100	725	84	288	3.1	490	-1	-1	-1	-1
EDN-01-64	36.9	161	3	3.7	0.1	54.1	118	17.0	70.6	12.4	2.1	9.4	1.5	7.1	1.4	4.4	0.6	4.1	0.7	96	-2	-100	414	22	318	0.1	272	-1	-1	-1	-1
EDN-01-65	81.4	345	8	7.1	0.5	125	261	44.8	184	32.1	5.4	24.0	3.6	16.7	3.4	10.7	1.7	11.1	1.7	154	3	-100	229	68	281	1.9	363	-1	-1	-1	-1
EDN-01-66 18+75E	55.8	274	6	5.4	0.4	87.0	171	30.2	125	23.7	3.9	16.8	2.6	12.5	2.4	7.7	1.1	8.0	1.2	159	4	-100	195	66	305	1.7	345	-1	-1	-1	-1

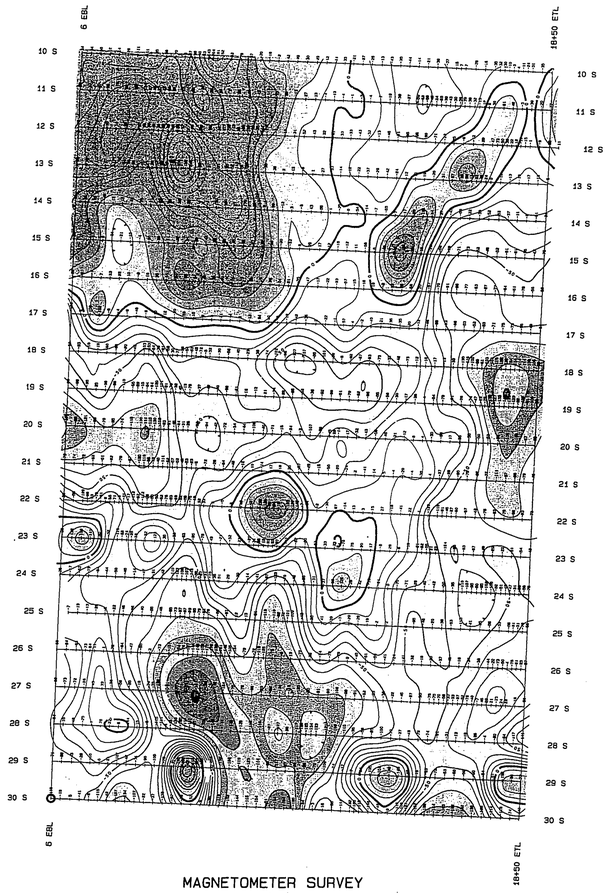
EDEN LK, 2001 Rx Grab Samples

73866

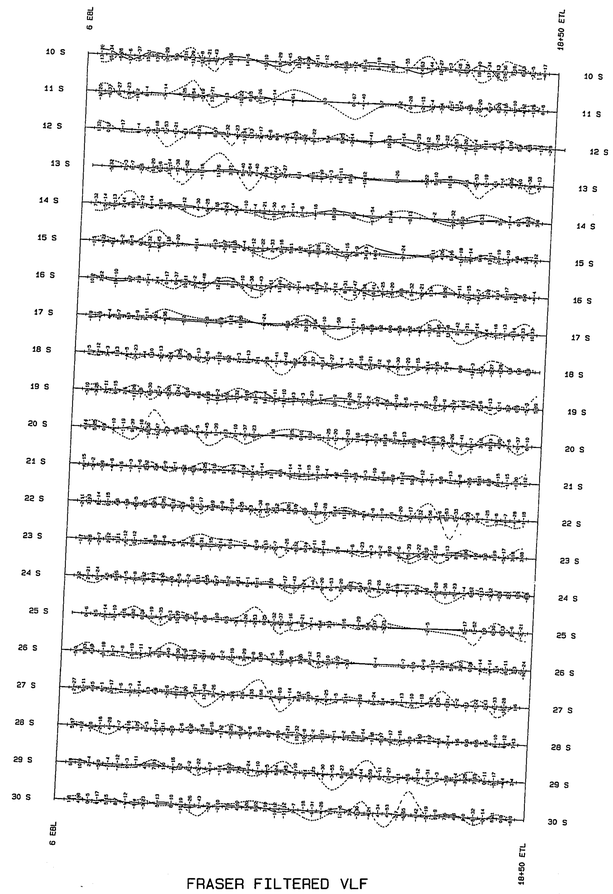
Activation Laboratories Ltd. Work Order: 23335 Report: 23207

Field Sample #	Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Br ppm	Ce %	Co ppm	Cr ppm	Cs ppm	Fe %	Hf ppm	Hg ppm	Ir ppb	Mo ppm	Na %	Ni ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sr %	Ta ppm	Th ppm	U ppm	W ppm	Zn ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm	Mass g
Eden-01-10	15153 Grd.	-1	-2	-1	318	-0.5	4.5	1.7	-0.5	0.9	5.09	4.1	-1	-2	-2	4.44	-50	50	0.2	7.3	-0.5	0.05	1.3	11.8	9.6	-1	-11	7.25	108	61	40.7	13.2	10	100	16.5	1.712
-5	15154 Grd.	-1	-2	-1	427	-0.5	7.3	2	-0.5	0.4	7.14	6	-1	-2	-2	2.85	-50	50	0.2	11.8	-0.5	0.04	3.5	44.7	12.6	-1	195	15.7	155	132	69.2	21.7	17	127	20.3	1.634
-11	15155	-1	-2	1	157	-0.5	1.8	1.4	-0.5	-0.2	2.22	1.5	-1	-2	-2	4.55	-50	-10	-0.1	3.0	-0.5	0.05	0.5	8.3	3.3	-1	-16	1.8	33	20	11.7	3.65	3	27	4.48	1.393
-4	15156	1	-2	3	2820	-0.5	12.6	3.7	-0.5	-0.2	1.45	2.7	-1	-2	-2	2.9	-53	79	0.3	0.5	-0.5	0.6	-0.3	76.8	12.6	-1	106	528	1020	477	78.2	19	4.4	3.25	0.45	1.209
-4A	15157	-1	-2	3	3170	-0.5	-0.2	2.5	2	1	1.71	6.5	-1	-2	4	4.25	-50	107	0.4	0.7	-0.5	0.21	-0.3	104	10.9	-1	63	428	800	470	90.6	24.1	7.8	8.12	0.99	1.38
	WGM-1	84	-2	8	116	1.4	10.5	203	760	0.8	12.4	1.3	-1	51	-2	0.13	2750	-10	1.8	26	14.3	-0.01	0.5	1.1	0.7	-1	145	8.15	16	9	2.2	0.8	0.3	1.34	0.2	1.379
	WGM-1 Cert.			7	114		10.9	200	770	0.5	12.3	1.3				0.13	2700	-10	1.8	26	15	-0.01	0.5	1.1	0.65		110	8.2	16	9	2.3	0.8	0.3	1.3	0.21	

11-13-01; 3:54PM;ACTLABS INC.
;905 648 9613 # 2/ 8



MAGNETOMETER SURVEY



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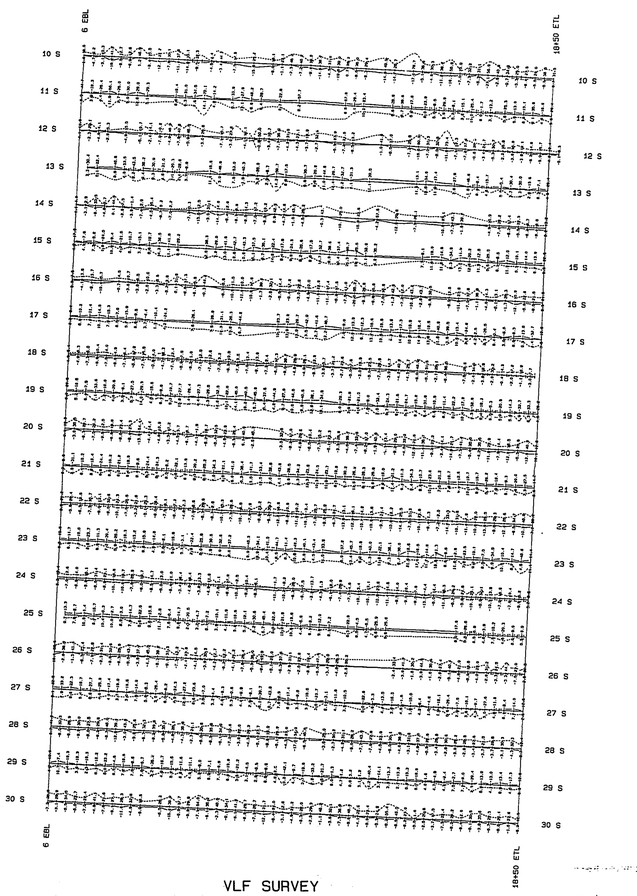


VLF SURVEY

KEY

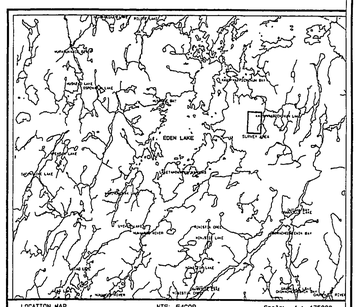
QUADRATURE
FRASER FILTERED

FRASER FILTERED
IN-PHASE

KEY

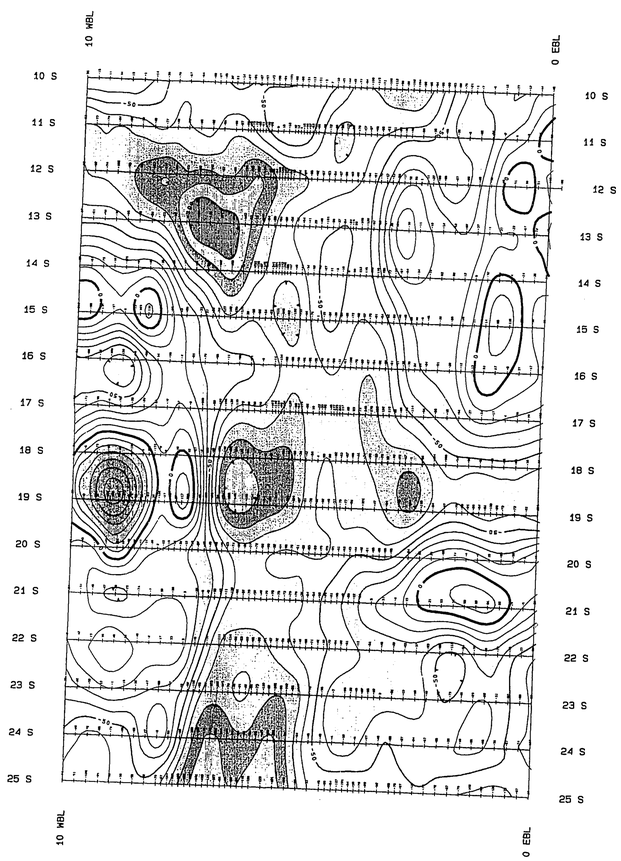
VERT. QUADRATURE

VERTICAL IN PHASE



Surveyed By: D. WRIDE EXPLORATION SERVICES INC.	RARE EARTH METALS CORP. SUITE 500 - 68 WATER ST. VANCOUVER B.C. V6B 1A4
INSTRUMENT: GEM SYSTEMS GSM 19 VLF/MAGNETOMETER	MAGNETOMETER AND VLF SURVEYS
CONTOUR INTERVAL = 20 NT	EDNZ GRID
SCALE: 1 : 5000	EDEN LAKE AREA, MANITOBA
SURVEY DATE: JUNE, 2001	73866

NOVUS Imaging Solutions
30X



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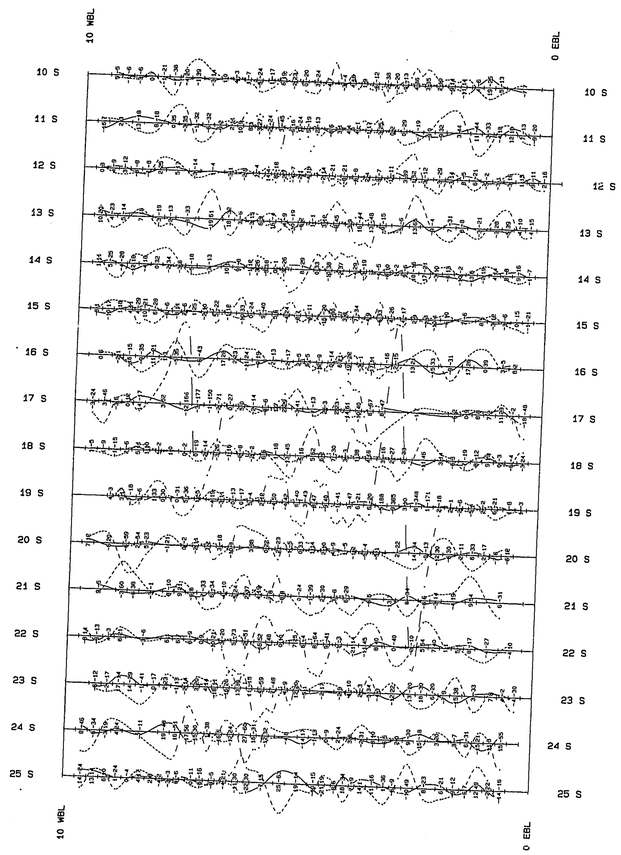

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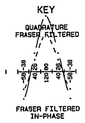

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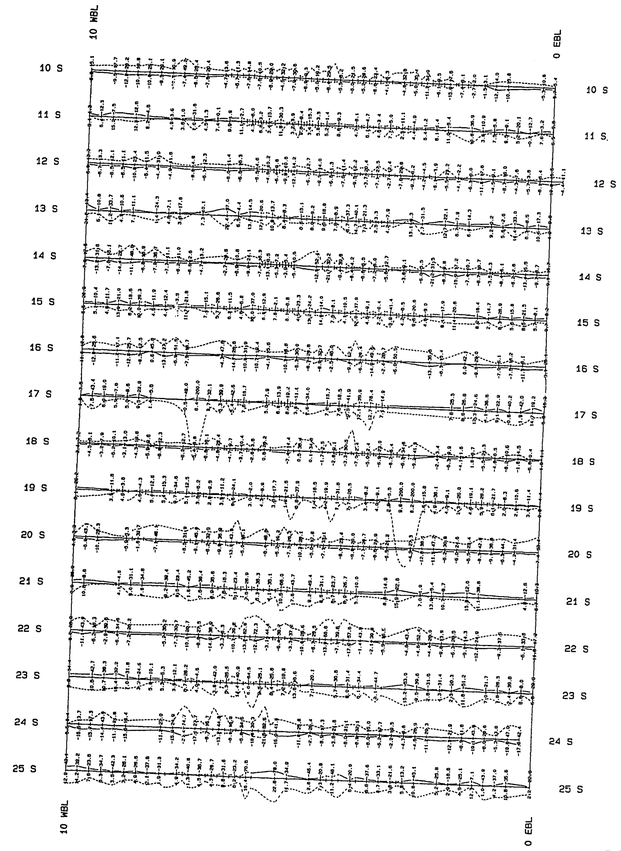

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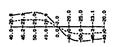
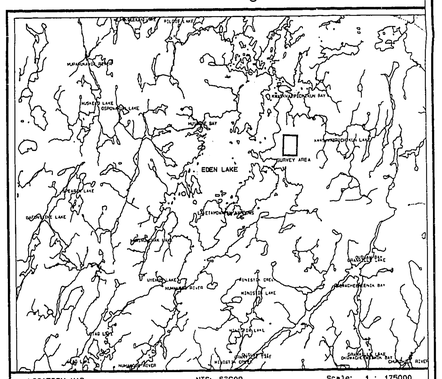


VLF SURVEY



LOCATION MAP NTS: 63C09 Scale: 1 : 175000

Surveyed By:
D. WRIDE EXPLORATION SERVICES INC.

INSTRUMENT: GEM SYSTEMS GSM 19 VLF/MAGNETOMETER
CONTOUR INTERVAL = 20 Nt
SCALE: 1 : 5000

SURVEY DATE: JUNE, 2001

RARE EARTH METALS CORP.
SUITE 500 - 88 WATER ST.
VANCOUVER B.C. V6B 1A4

MAGNETOMETER AND VLF SURVEYS
EDN1 GRID
EDEN LAKE AREA, MANITOBA

73866

NOVUS Imaging Solutions
24X