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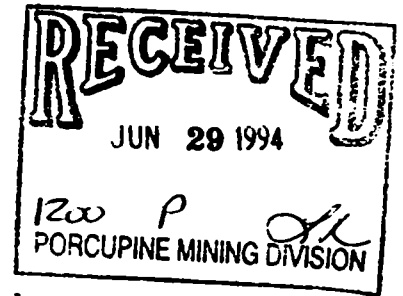
CAMECO CORPORATION

RIDOUT PROJECT

1993 REPORT OF WORK

2.15494

June 30, 1994



Doug Panagapko
Project Geologist

2.4722
Qual.

SUMMARY

The Ridout property consists of two claims comprising 19 claim units that are located 195 kilometres northwest of Sudbury, Ontario. The claims are 100% held by Cameco Corporation. The claims are situated in the north central part of Greenlaw Township.

During 1993, a 39 kilometre grid was cut, magnetic and VLF-EM geophysical surveys were completed and a program of geological mapping and sampling was conducted.

The geological mapping has delineated a sheared carbonate alteration zone within mafic to felsic volcanic flows and pyroclastics that ranges in width from 80 to 140 metres and has a strike length of over two kilometres. Ankerite, sericite, fuchsite and quartz are the most common alteration minerals observed. Quartz stockworks and fuchsite (green carbonate) have been mapped in several localities.

The rock units have a distinct east-west magnetic signature, and the magnetic data suggests the presence of narrow iron formation units within the volcanics. North-south diabase dikes are also observed and interpreted. Semi-continuous VLF-EM conductors are closely associated with the zone of alteration and shearing.

No significant gold occurrences were located as a result of the current program.

Although the property has not yielded any significant gold values to date, the intense carbonate alteration along with the development of fuchsite and sericite in both mafic and felsic volcanics demonstrates the existence of a gold depositional environment. Structural/chemical traps along this alteration zone would be the most likely areas to investigate further.



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1.0 Introduction

The Ridout property consists of two claims comprising 19 claim units and is located in northcentral Greenlaw Township about 195 kilometres northwest of Sudbury, Ontario. The property was acquired by Cameco in August 1992 by staking open ground.

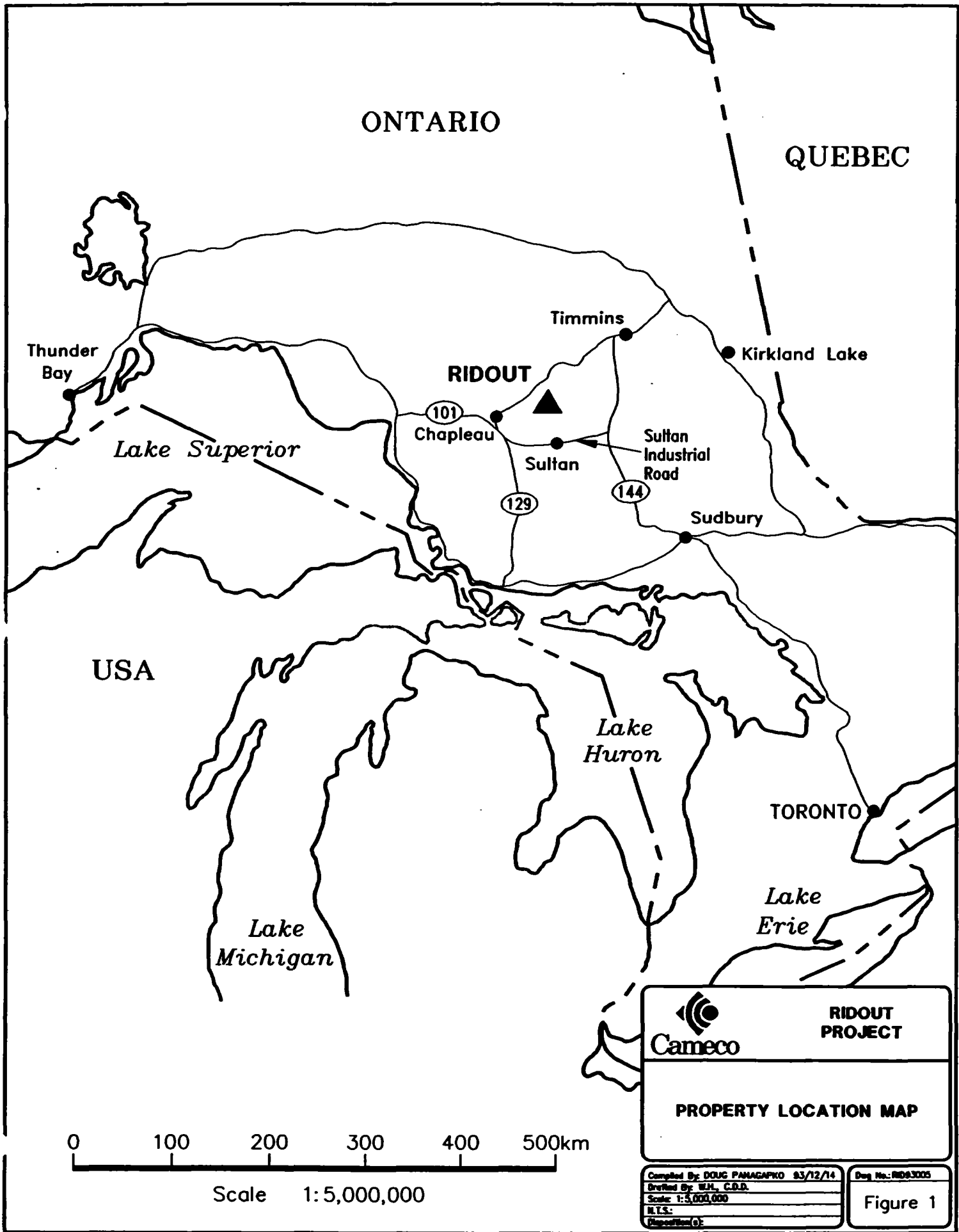
The property is situated along a zone of intense carbonate alteration within a complex sequence of mafic to felsic tuffs, and mafic to possibly ultramafic flows. Gabbro and diabase intrude the volcanic stratigraphy. The alteration zone has also been subjected to high strain as the rocks within the alteration zone are strongly foliated to sheared.

This report covers exploration work done on the Ridout property by Cameco personnel during the period February 15 - July 31, 1993. This work included linecutting, ground geophysical surveys and a mapping and sampling program. The field work was completed by contractors and by Doug Panagapko and Kyle Watson of Cameco.

2.0 Property Location and Access

The Ridout property consists of two claims comprising 19 claim units, located in the northcentral part of Greenlaw Township, about 135 kilometres southwest of Timmins and 195 kilometres northwest of Sudbury, Ontario (see Figure 1). The property is centred on Ridout Lake, an east-west oriented lake which forms part of the Wakami River.

The property can be accessed via the Kormack road which leaves Highway 667 about 19 kilometres west of Sultan, Ontario. The driveable portion of the Kormack road ends at Sylvanite Creek, about 30 kilometres north of the highway. The road is washed out at the creek and an ATV is required beyond this point. For extended programs, access is provided via floatplane (Chapleau Air Services) and a cabin is available on Ridout Lake (owned by Peter Clement, Kormack).



3.0 Land Status

The layout of the claim group is given in Figure 2. The property was acquired by staking in August 1992 and the claims were recorded September 14, 1992. A total of \$7,600 in assessment work must be filed by September 14, 1994 to keep the claims in good standing. The records of the claims may be found in Appendix A.

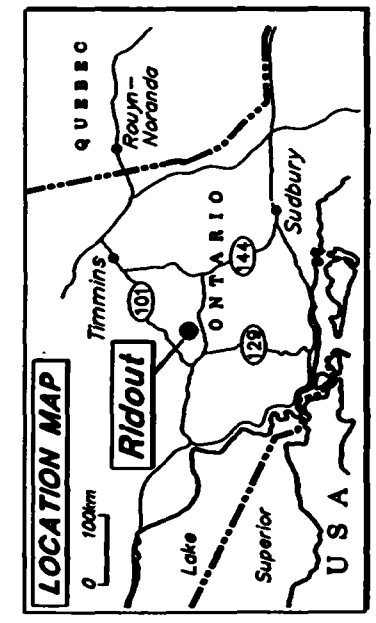
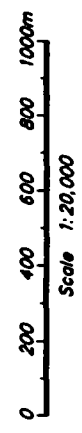
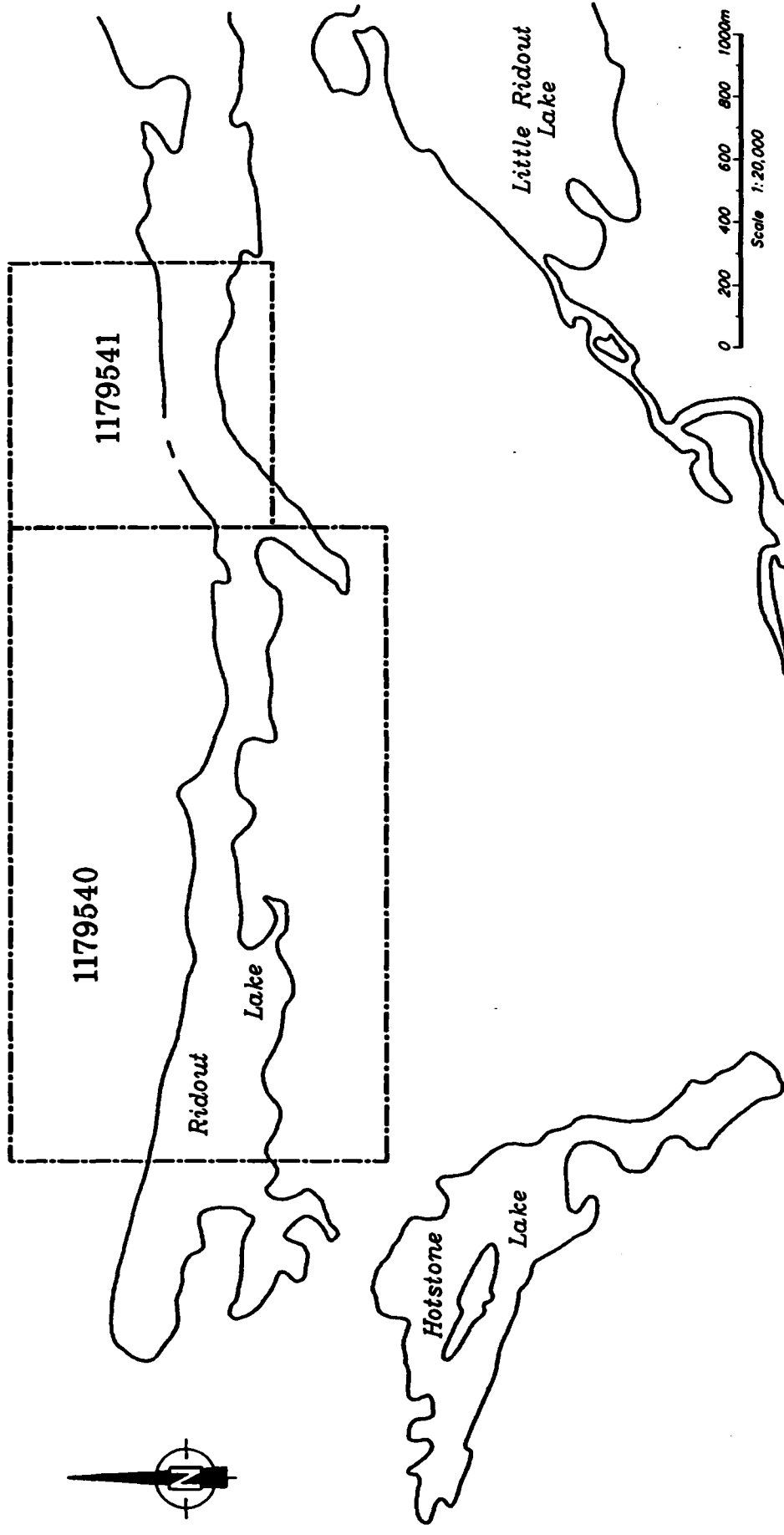
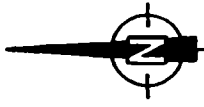
4.0 Topography and Vegetation


The property lies within the Hudson Bay watershed, about 35 kilometres north of the divide between the Great Lakes and Arctic watersheds. Ridout Lake drains north into the Wakami-Woman river system. The property is largely covered by bouldery till deposits and minor cedar swamps. North of Ridout Lake, the outcrops are more scattered than south of the lake.

Vegetation consists of poplar, birch and white spruce on the upland areas, and black spruce and cedar in the lower, wet areas. Numerous red pine occur along the north shore of Ridout Lake.

5.0 Regional Geology

The Ridout property is located within the Abitibi Subprovince of the Precambrian Shield, specifically in the southwesternmost part of this extensive greenstone belt. The supracrustal sequence is bounded to the east by the Kenogamissi Batholith, to the south by the Ramsay-Algoma gneissic complex and to the west by the Kapuskasing granulite terrain. It is referred to as the Swayze greenstone belt.



 Cameco	RIDOUT PROPERTY
CLAIM MAP	

Completed By: D. PANAGAKO	93/02/21
Drawn By: WALLY HARELSTAD	
Scale: 1:20,000	
N.T.S.	
(Revised/Issued):	

----- Property Boundary

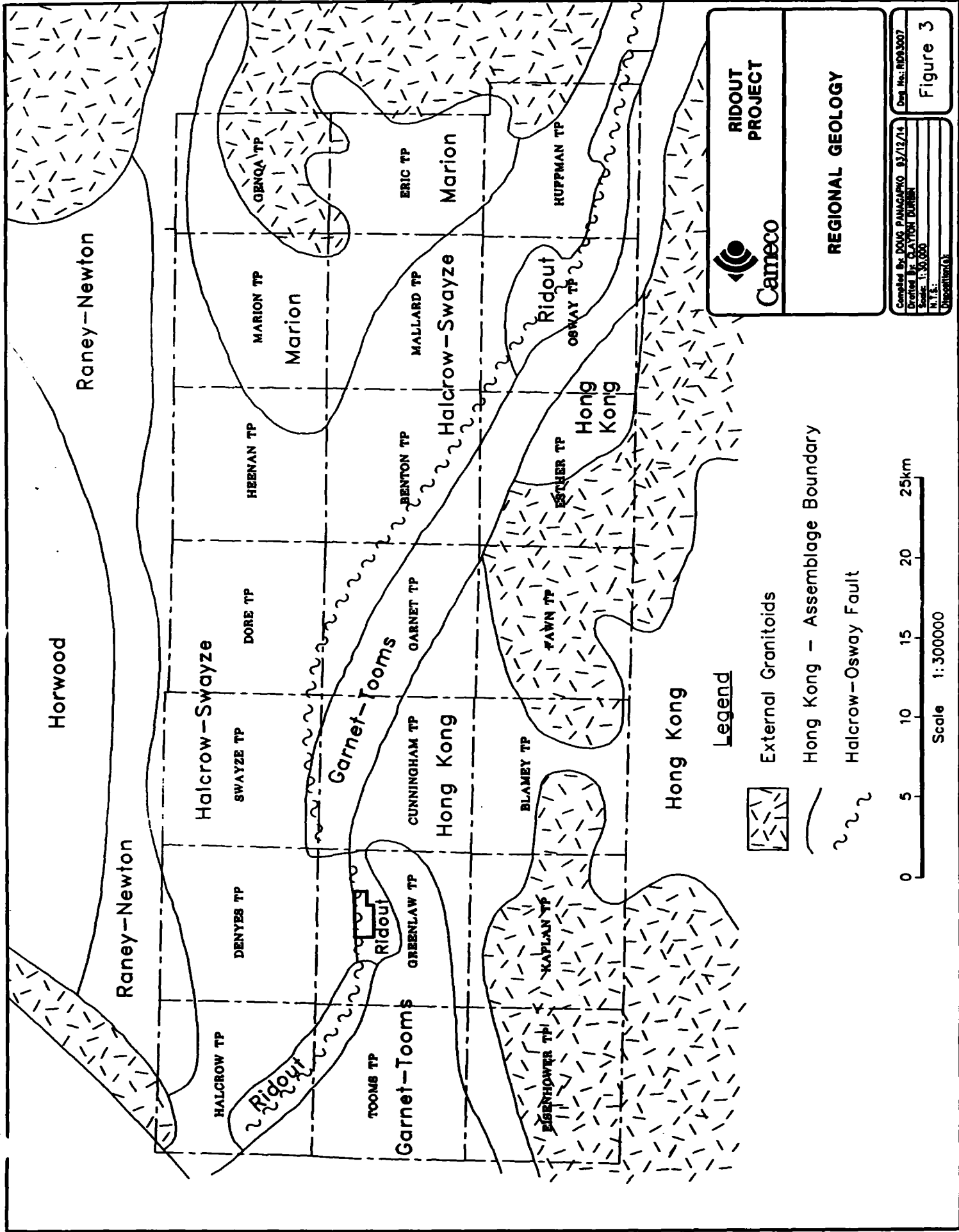
Legend

The Southern part of the Swayze greenstone belt, south of Coppell, Newton and Dale townships, can be broadly subdivided into five main assemblages (after Jackson and Fyon, 1991). These assemblages are: Garnet-Tooms, Hong Kong, Marion, Halcrow-Swayze and Ridout. Of regional significance to the Ridout property are the Garnet-Tooms, Halcrow-Swayze and Ridout assemblages (see Figure 3).

The Garnet-Tooms assemblage underlies much of Tooms and southern Greenlaw townships. It lies between the Ridout assemblage to the north and a unit of oxide facies iron formation which forms the top of the Hong Kong assemblage to the south. The main rock units which make up this assemblage are tholeiitic basalt, intermediate to felsic calc-alkalic flows and komatiitic flows with minor oxide facies iron formation. The basaltic rocks are cut by coarser grained dioritic to gabbroic phases which may be intrusions or coarse flows. Generally, the massive to pillowed tholeiitic basalts form the base of the assemblage and the upper part consists of calc-alkalic feldspar porphyritic basalts and andesites.

Rocks which comprise the Ridout assemblage consist of turbidites, arkose and conglomerate with minor interbedded units of metavolcanics and iron formation. The conglomerate contains pebbles of chert, vein quartz, basalt, andesite, porphyritic rhyolite and jasper fragments. The Ridout assemblage underlies part of Tooms, Greenlaw and Garnet townships in the western part of the south Swayze greenstone belt. It is thought that the Ridout assemblage is temporally and tectonically related to the Temiskaming assemblage in the Kirkland Lake area.

The Halcrow-Swayze assemblage is the most regionally extensive group of lithologies in the southern Swayze belt, underlying the southern parts of Halcrow, Denyes, Swayze, Dore and Heenan townships and much of Garnet and Benton townships. The primary lithologies which make up the assemblage are komatiitic flows, tholeiitic basalt and intermediate to felsic calc-alkalic volcanics interlayered with oxide facies iron formation. The komatiitic to



tholeiitic phases tend to occur along the margins of the assemblage with the intermediate to felsic rocks occupying the core (ie. in Denyes and Swayze townships).

The Ridout property lies within the Halcrow-Swayze assemblage, just north of the Ridout series of sedimentary rocks. The area covering Greenlaw Township was mapped by Donovan in 1965 and this is the only available government mapping for the Ridout property (Donovan, 1968).

6.0 Previous Exploration

Very little exploration work has been completed on the Ridout claim group. A minor amount of blasting appears to have been done at the showings near lines 8+00W and 0+00. No record of this work could be found in the assessment files. Granges conducted an exploration program to the west of Ridout Lake in 1980. The assessment files show that B-horizon soil samples were collected and seven holes were drilled, on geophysical targets. None of the holes returned any significant gold. These holes were drilled about 1.5 kilometres west of Ridout Lake.

In 1983, Noranda Exploration drilled two holes about two kilometres west of the lake. Sericite-carbonate schist, graphitic and cherty argillites and tuffaceous sediments were intersected. No assays were reported. Noranda also held a very large block of claims which covered much of the eastern half of Greenlaw Township, in 1984. The only reported work near the present claim group was VLF and magnetic surveying. No drilling is believed to have been completed on the claim group.

7.0 1993 Exploration Program

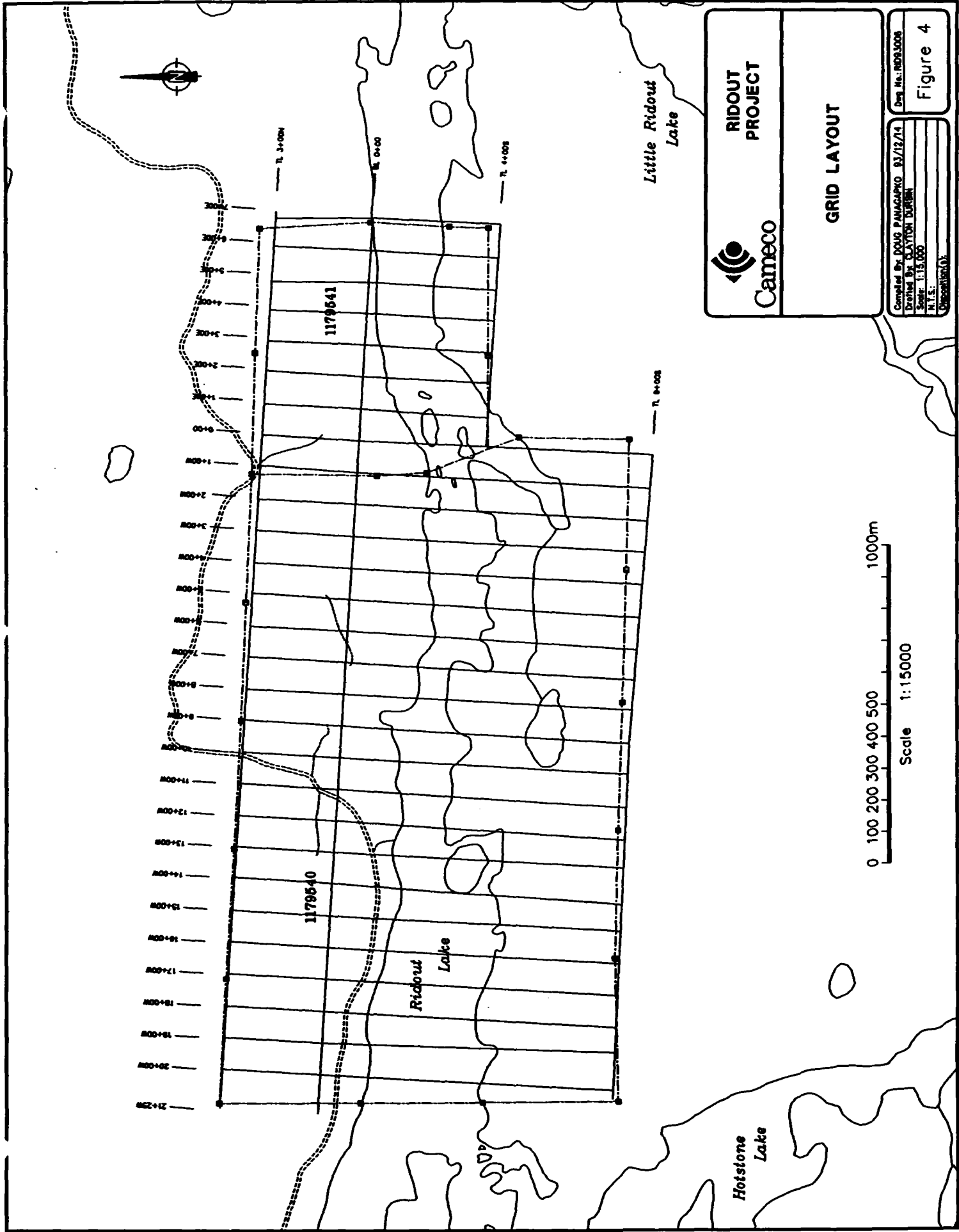
7.1 Linecutting


During the period February 15 to 28, a cut line grid was completed over the Ridout claims. The work was contracted out to Houle, Patenaude and Assoc. of Rouyn-Noranda, Quebec. A total of 39.5 kilometres of baselines, tie-lines and grid lines were completed. The baseline, oriented east-west, was cut about 300 metres south of the northern property boundary. Two tie-lines, one at 3+00N and the other at 9+00S were cut to provide control for survey work. Grid lines at 100 metre intervals were cut from 7+00E to 20+00W. Figure 4 shows the grid layout.

7.2 Magnetic and VLF-EM Surveys

During the period March 11 to 14, 1993, magnetic and VLF-EM surveys were conducted on the newly cut grid lines. The work was contracted to Val d'Or Geophysics. An EDA Omni-Plus magnetometer/VLF receiver was utilized. Readings of magnetic total field and VLF (NAA-Cutler, Maine) were taken at 12.5 metre stations on 100 metre spaced lines. A total of 39.3 kilometres of lines were surveyed. The data has been plotted at 1:5000 scale on three plans (Magnetic total field contours, magnetic total field profiles and VLF NAA profiles) which can be found in Appendix B of this report. The reader is referred to Figure 5 for a geophysical interpretation of the Ridout claims, based on the ground geophysics completed. A page sized reduction of the colour total field magnetics and Fraser-filtered VLF is given as Figure 6.

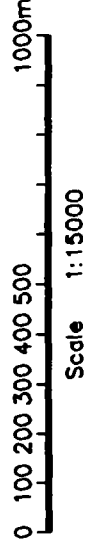
The majority of the grid is characterized by east-west trending curvilinear magnetic trends.

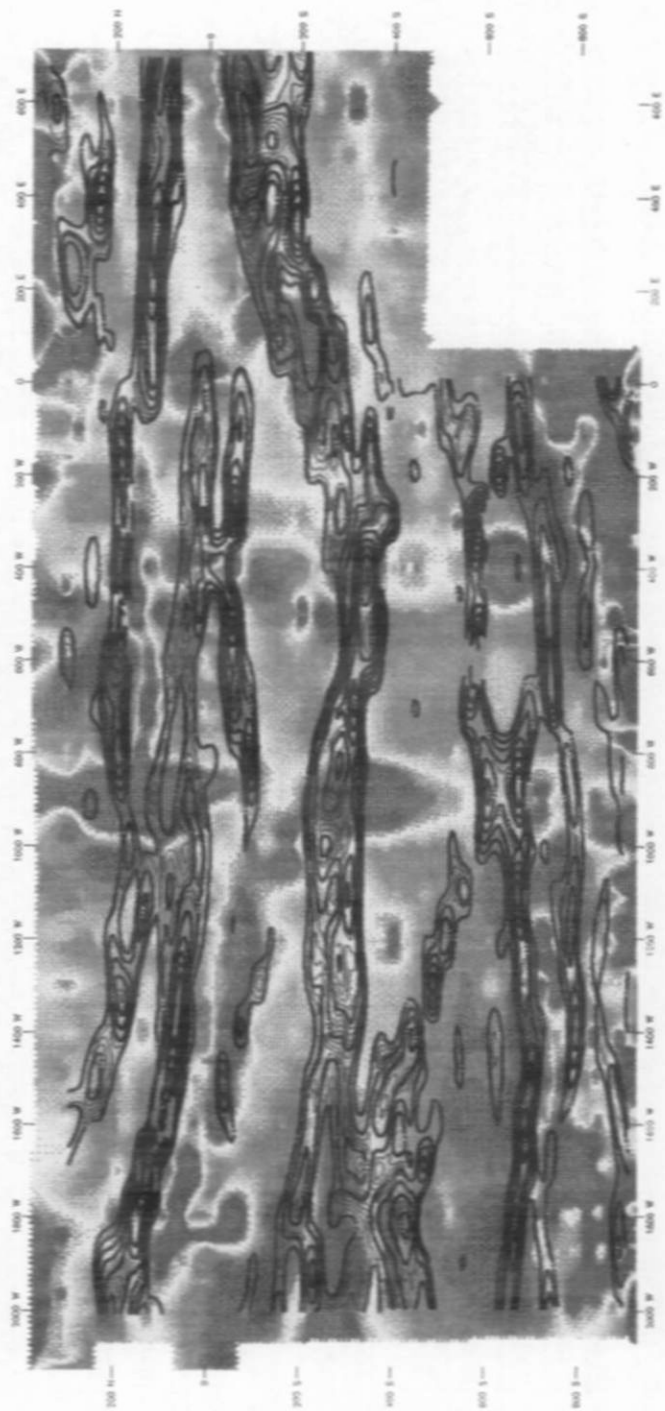


 Cameco	RIDOUT PROJECT
	GRID LAYOUT

Compiled by DOUG PAULCAMPANO 03/19/14
 Drawn by CLAYTON DUNN
 Scale: 1:15,000
 N.T.S.
 (Incorporation)

Draw No.: RD93008
Figure 4





OAMCO Corporation
 1111 W. 14th St.
 Anchorage, Alaska 99501

These trends are disrupted in several locations, indicating the presence of NS to NNW trending crossfaults. Two north-south trending diabase dikes cross the property, as interpreted from the magnetics, one in the vicinity of 9+00W, the other near 4+00W. The pattern near 4+00W indicates that the diabase may be offset by later east-west movements (shearing). The east-west magnetic signature may be caused by thin iron formation units or by magnetic volcanic units, or both.

The interpreted VLF NAA axes also have a predominant east-west trend and three major VLF axes are noted. A series of disrupted axes are associated with the magnetic contact along the southern edge of the grid. A central, more conductive zone is associated with Ridout Lake and a third series of trends crosses the north part of the grid. The central strong VLF trend often has a direct magnetic association and is interpreted to represent a major east-west structural zone. All three VLF trends are disrupted by NS to NNW oriented cross structures. These interpreted cross structures cross the baseline at 19+00W, 17+50W and 0+00.

7.3 Geological Mapping

7.3.1 Introduction

All grid lines as well as the shoreline of Ridout Lake were geologically mapped and sampled during the period July 6 to 14. A camp was established using an old trapper's cabin, located on the south shore of Ridout Lake, about 600 metres east of the grid. As the grid was cut during the winter, all pickets were re-established during the mapping program. All lines were walked and bedrock exposures were located. In areas of geological interest, bedrock between lines was also examined. General limits of areas covered by boulders and swamps were mapped out. Figure 7 gives the bedrock and surficial geology of the Ridout property

at a scale of 1:5000. Gold assay results, whole rock oxide data and a Jensen Cation Plot may be found in Appendix C.

7.3.2 Lithologies

The property is underlain by an east-west striking, vertical to steep north-dipping sequence of mafic to intermediate volcanic rocks, felsic tuffs and mafic intrusive rocks. The most abundant lithology present on the property is massive, fine-grained mafic volcanic flows, which form two distinct units, one lying south of the lake, the other along the northern limit of the claim group. These rocks are massive to weakly foliated, fine-grained, non-magnetic calc-alkalic basalts and andesites. They are generally unaltered to weakly carbonatized and contain only trace amounts of fine-grained pyrite. Four samples of this lithology were submitted for whole rock analysis (#'s 9, 12, 18, 22, 33). Samples 9 and 22 plot in the Fe-tholeiite field on the Jensen plot.

The next most abundant rock type on the property is an intermediate pyroclastic unit which outcrops along the south shore of Ridout Lake and on some islands in the lake near line 0+00. Another thin unit of intermediate tuff lies parallel to the 9+00S tie-line from 0+00 to 10+00W. The unit is medium to dark green, foliated to sheared and contains abundant tuff to lapilli-sized fragments of intermediate composition. Feldspar phenocrysts are locally abundant. The tuffs are well bedded, and a good exposure of this unit may be found along the lakeshore at line 7+00W. Alteration in this rock type is confined to some local silicification and chloritization. No sulphide concentrations were observed in the intermediate tuffs. Samples 93-19, 20 and 23 were collected for whole rock analysis. These rocks are calc-alkalic basalts and andesites, according to the Jensen plot.

The area north of Ridout Lake and south of the main unit of massive mafic volcanics is underlain by two highly deformed and altered units. The main unit from a potential

economic standpoint is a strongly carbonatized mafic to ultramafic volcanic tuff/flow. This unit persists from line 14+00W to line 3+00E and occurs just north of Ridout Lake. Texturally, the unit is fine to coarse-grained, and locally displays a pyroclastic (lapilli tuff) texture. It is pervasively sheared. In most cases, it has been so strongly carbonatized that the original provenance of the rock is unknown. Common alteration minerals include ankerite, fuchsite and sericite.

Several good exposures of this rock unit are worthy of note. A couple of old trenches are located near the shore at 8+40W. The carbonatized volcanic is well exposed and contains abundant quartz stringers. A narrow silicified and pyritic zone is located here as well. Outcrops of the strongly carbonatized volcanic, with quartz veins may also be found at 13W/1+60S and at 0+50E/1+00S. The most intense fuchsite/quartz alteration, resembling Kerr Addison 'green carbonate' ore occurs at the west end of a small island at line 0+00.

The strongly carbonatized mafic/ultramafic volcanic is conspicuously low in its overall gold content. Detailed sampling of several showings in 1992 and some further sampling in 1993 returned a best assay of 123 ppb gold. The alteration, not the gold content is the significant feature of this area.

Intimately associated with the carbonatized volcanic is a relatively continuous unit of felsic tuff. This unit predominantly occurs south of the main carbonate horizon although, in the vicinity of lines 8+00W and 1+00W, the felsic unit is sandwiched between carbonatized units. The felsic tuff is creme to pale red in colour, fine to medium-grained and is well foliated to sheared. It contains abundant quartz phenocrysts and has been strongly sericitized. Locally, it can contain 1-2% fine-grained pyrite. Samples collected for whole rock analysis are 93-01 and 28.

A thin unit of mafic tuff occurs to the south of the felsic tuff unit, along the north shore of

Ridout Lake, between 18+00W and 5+00W. The tuff is fine-grained, dark green and is well foliated. Two samples were collected for whole rock analysis (93-03, 14) and one sample contains 16.7% MgO and only 31.8% SiO₂, indicating a possible ultramafic origin. The sample is also highly altered (27% LOI).

Massive, medium-grained gabbro intrudes the volcanic stratigraphy in two areas, along the north property boundary east of line 0+00, and in the southeast corner of claim 1179540, between lines 4+00W and 1+00W. The gabbro is unaltered and unsheared and is interpreted to have a general east-west strike, possibly indicating sill-like bodies.

The latest rock unit in the area is a series of north trending diabase dikes. Several outcrops in the vicinity of lines 3+00W to 5+00W could actually be part of the same dike which has been offset by east-west shearing. Another dike is interpreted to underlie the north-south trending swamp on line 9+00W, north of the baseline. The diabase is massive, fine-grained, magnetic and displays a typical rusty brown weathered surface. The dikes average 20 metres in width

7.3.3 Structure and Alteration

The most important feature of the Ridout property is the presence of a zone of intense shearing and alteration which crosses the entire property just north of the lake. Rocks within this zone have been extensively carbonatized and in some cases the original lithology has been obscured. Fuchsite, sericite and silica are also abundant within this zone. The alteration zone has an average exposed width of 80 metres, but locally is up to 140 metres wide.

The rocks are strongly sheared and in some cases are largely unconsolidated. The shearing parallels the regional east-west foliation direction. Minor shearing is also noted within

basalts between 12+00W and 13+00W near the south end of the property. Several northwest trending cross faults offset the shear/alteration zone in the eastern and western parts of the grid. Within the alteration zone, some areas have been cut by a quartz stockwork made up of en-echelon veins and veinlets. One northwest trending fault lies immediately east of a quartz stockwork zone, which may have been emplaced during the fault activity.

7.3.4 Mineralization

Sulphide mineralization is restricted to narrow bands within altered mafic volcanic rocks where 3-5% fine-grained pyrite is concentrated, for example at 12+50W/0+90S and 8+35W/1+70S. The pyrite is often associated with silicification of the host rock. No significant gold mineralization was located during the mapping program. Pyrite is also found as disseminations within the mafic tuff and basaltic units, although amounts rarely exceed 2%.

8.0 Conclusions

Geological mapping of the Ridout property has resulted in the delineation of several lithologies, including: mafic volcanic flows and tuffs, intermediate tuff/lapilli tuff, felsic tuff, altered ultramafic/mafic volcanic, gabbro and diabase. These rock units strike east-west and dips range from vertical to steep south. A zone of pervasive shearing and carbonate alteration ranging from 80 to 140 metres in width has been found to cross the property, immediately north of Ridout Lake.

Alteration minerals include ankerite, sericite, fuchsite and silica, both as veins and pervasive silicification. The zone, however, does not appear to be anomalous in gold. The alteration

is identical to that which is found to be intimately associated with other gold deposits, such as Kerr Addison, Buffalo Ankerite, etc., and therefore should be viewed as a possible indicator of gold forming processes being active in the area.

The ground geophysical surveys indicate that the property is underlain by rocks of contrasting magnetic affinities that trend in an overall east-west direction. North-south trending diabase dikes disrupt the stratigraphy in several locations. Several northwest trending cross-faults are interpreted from both the ground magnetics and field geological observations. Several semi-continuous VLF-EM conductors cross the property. The strongest is associated with the zone of alteration and deformation, north of Ridout Lake. The VLF conductors tend to coincide with or be slightly flanking to the magnetic highs.

Although no significant gold values have so far been returned from samples collected at Ridout Lake, the host rock lithologies and alteration assemblages present are very encouraging with respect to current gold deposit models. The intensity of the alteration observed indicates that hydrothermal fluids have been very abundant and have found pathways within the deformed tuffaceous and flow units, probably following along rock contacts. Gold is hosted by both quartz veins and pyritic iron formation in the immediate vicinity of the property.

9.0 Recommendations

The following work is recommended for the 1994 exploration season:

- 1) Induced polarization/resistivity surveys should be completed over selected areas on the property, to aid in the interpretation of geophysical data already collected and to locate areas that potentially contain disseminated sulphides.

2) A limited program of diamond drilling should be completed during the winter in order to test geological and geophysical targets developed during previous programs. Known zones of pyrite mineralization, quartz carbonate alteration and coincident magnetic-VLF anomalies could be potential targets, along with IP anomalies detected. At least one drill hole should test the carbonate alteration zone at a depth of about 150 metres vertical, as these alteration systems often become more auriferous with depth (Kerr Addison).

3) Additional field surveys, both geological and geophysical could be completed, depending on the results of 1) and 2) above.

10.0 References

Jackson, S.L. and Fyon, J.A., 1991 The Western Abitibi Subprovince in Ontario, in: Geology of Ontario, Ont. Geol. Survey Special Volume 4, Part 1, pp 405-484.

Donovan, J.F., 1968 Geology of Halcrow-Ridout Lakes Area; Ont. Dept. of Mines Geological Report No. 63, 45p.

CERTIFICATE

I, Douglas Allan Panagapko, of 1064 Moss Street, Sudbury, Ontario, P3A 2H8, do hereby certify that:

I am currently employed as a Project Geologist by Cameco Corporation, 1349 Kelly Lake Road, Unit #6, Sudbury, Ontario, P3E 5P5

I graduated from Carleton University in 1976 with a Bachelor of Science degree (Honours) in Geology, and have been practicing my profession continuously since graduation.

I am a member in good standing of the Prospectors and Developers Association of Canada.

I am directly responsible for the work outlined in this report and was present on the property when the work was being carried out.

Signed at Sudbury, Ontario, this 30th day of June, 1994



Douglas A. Panagapko
Project Geologist

APPENDIX A
CLAIM RECORDS

Claim No: P 1179540
Status: Active

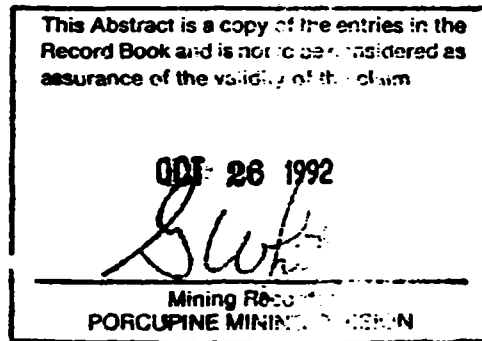
Due Date: 94/SEP/14 | Recorded: 92-SEP-14
Work Required: 6000 | Staked: 92-AUG-20 11:00

Total Work: 0 | Description of Claim:
Total Reserve: 0 | GREENLAW (008690)
Work Assignment: 0 |
Claim Bank: 0 | Claim Units: 15
Multiple Township: N

Claim Ownership
Percentage Client# Recorded Holder(s)
100.00 114820 CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description
STAKER	92/SEP/14		RECORDED BY PANAGAPKO DOUGLAS ALLAN (P11229) R9260.00809
STAKER	92/SEP/14		PANAGAPKO DOUGLAS ALLAN (179234) RECORDS 100.00 IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820) R9260.00812

- Reservation :
- 01 400' surface rights reservation around all lakes and rivers
 - 02 Sand and gravel reserved
 - 03 Peat reserved
 - 04 Other reservations under the Mining Act may apply
 - 05 Including land under water
 - 06 Excluding road



Status of claim is based on information currently on record.

Claim No: P 1179541
Status: Active

Due Date: 94/SEP/14 | Recorded: 92-SEP-14
Work Required: 1600 | Staked: 92-AUG-20 15:30

Total Work: 0 | Description of Claim:
Total Reserve: 0 | GREENLAW (008690)
Work Assignment: 0 |
Claim Bank: 0 | Claim Units: 4
Multiple Township: N

Claim Ownership
Percentage Client# Recorded Holder(s)
100.00 114820 CAMECO CORPORATION/CORPORATION CAMECO

Type	Date	Dollars	Description
STAKER	92/SEP/14		RECORDED BY PANAGAPKO DOUGLAS ALLAN (P11229) R9260.00809
STAKER	92/SEP/14		PANAGAPKO DOUGLAS ALLAN (179234) RECORDS 100.00 IN THE NAME OF CAMECO CORPORATION/CORPORATION CAMECO (114820) R9260.00812

- Reservation :
- 02 400' surface rights reservation around all lakes and rivers
 - 03 Sand and gravel reserved
 - 04 Peat reserved
 - 05 Other reservations under the Mining Act may apply including land under water

This Abstract is a copy of the entries in the Record Book and is not to be considered as assurance of the validity of the claim.

001 23 1992

[Signature]

Mining Recorder
PORCUPINE MINING DIVISION

Status of claim is based on information currently on record.



Ministry of
Northern Development
and Mines
Ontario

Application to Record Staked Mining Claim(s) Mining Act

Part A

Received
PORCUPINE MINING DIVISION
RECEIVED
SEP 14 1992
R12:00 A.M.

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 will be used for serving notices. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar St., Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Please Print Using Ink or Type

Name of Applicant: **DOUGLAS A. PANAGAPK** Transaction No. **179234**
 Address: Street, City/Town/Village, Province, Postal Code: **10 DAVENPORT COURT** DOCUMENT No. **R 9260.00809** Licence No. **P 11229**
SUDBURY, ONTARIO P3A 5V1 Telephone No. **560-7508**

Name and Address for Service in Ontario: (Required if Applicant Resides Outside of Ontario)

Name of Recorded Holder: same as above or: **CAMECO CORPORATION** Telephone No. **523-4555** Client No. **114820**
 Address: Street, City/Town/Village, Province, Postal Code: **1349 KELLY LAKE ROAD, UNIT # 6** DOCUMENT No. **R 9260.00812**
SUDBURY, ONTARIO P3E 5P5

Name and Address for Service in Ontario: (Required if Recorded Holder Resides Outside of Ontario)

Mining Division			Township(s) or Area(s) (Show Plan No.)					
PORCUPINE			GREENLAW TWP.					
Staking Number	Tag Number	No. of 16 Ha. Units Per Claim	Description if Staking in Subdivided Township (Lot No., Concession No., Section of Lot)	Staking			Office Use	
				Post No.	Date	Time		
1	1179540	15		Commenced	2	AUG 19/92	9:45 AM	5, 6
				Completed	1	AUG 20/92	11:00 AM	
2	1179541	4		Commenced	4	AUG 20/92	11:45 AM	5
				Completed	3	AUG 20/92	3:30 PM	
				Commenced				
				Completed				
				Commenced				
				Completed				
				Commenced				
				Completed				

RECORDED
SEP 14 1992
Receipt _____

Office Use Only:

Magnetic Declination Used. 9°W

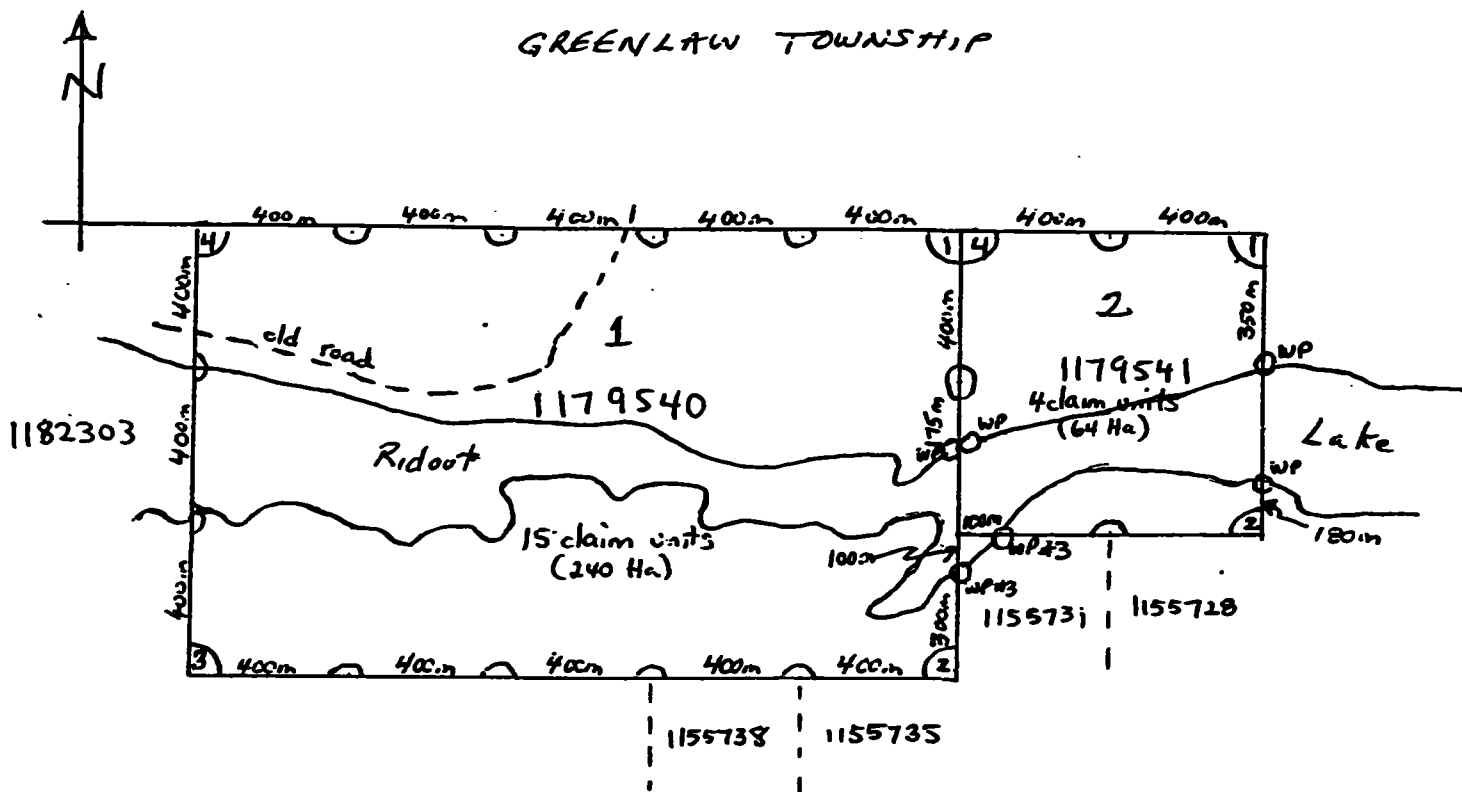
Scale: 1:20,000

Group Sketch of claims listed on Part A.

Sketch or plan of the mining claim(s) must show the corner posts, witness posts, and posts and the distances between the posts in metres.

Include topographic features such as lakes, rivers, creeks, ponds, etc. and developments such as hydro lines, highways, railways, pipelines, buildings, etc.

Refer to sample sketch on Part C.



APPENDIX B
MAGNETIC AND VLF-EM SURVEY REPORT



LOGISTICS REPORTS

CIE NAME: CAMECO CORPORATION

PROJECT: RIDOUT

TOWNSHIPS: Greenlaw

TYPE OF SURVEY: MAGNETIC AND EM-VLF

LINE KMS SURVEYED: 39.3 km

SURVEY PERIOD: March 11 to 14, 1993

SURVEY SPECIFICATION: Line spacing - 100 metres
Reading spacing - 12.5 metres
VLF station: NAA Cutler (Cross line)
NSS Annapolis (B.L. - T.L.)
MAG: Total field

INSTRUMENT: EDA PPM-400 (Mag. base station)
EDA OMNI-PLUS (Field instrument)
ACCURACY: MAG 0.1 nT
VLF 1%

SURVEY PERSONEL: Eric Dufour, Val d'Or, Quebec

COMMENTS: _____

Introduction

Magnetometer and VLF-EM coverage was obtained over the Ridout Lake project area between March 11 and 14, 1993, by Val D'Or Geophysique under contract number 351. This program was carried out to assist in helping to define the geological and structural setting of the area and assist with the summer mapping program. The surveys were also carried out to delineate areas for further work and locate potential target areas for gold mineralization.

Regional Setting

The project area falls within the Swayze belt and is located in Greenlaw township. The area was covered by an extensive aeromagnetic and INPUT survey flown by Questor Surveys for the Ontario Geological Survey in 1981.

The project area itself is devoid of any airborne EM responses and is located on the northern flank of a magnetic unit, associated with a major northeast oriented structural disruption. This break also appears to disrupt the WNW trending Swayze belt, located to the east. To the west the magnetic signature changes to reflect a series of alternating curvilinear metasedimentary and metavolcanic units. The area is also cross-cut by a sequence of more recent NNW trending dikes as well as a number of well defined structural breaks.

In the immediate vicinity of the Ridout project a major fault is interpreted immediately west of the property boundary (Wakami River fault). A diabase dike is also indicated traversing across the centre of the project area.

Present Program

Magnetometer and VLF readings for station NAA were obtained every 12.5 m on north-south lines spaced 100 m apart. VLF station NSS was used for the tie lines and the base line. The data was obtained using an Omni Plus field instrument and the magnetic data was diurnally corrected using an EDA PPM-400 base station. In total 39.5 km of total field magnetic and VLF coverage was completed. Profile maps and a contoured magnetic map at a scale of 1:5000 are included in the back pocket.

Discussion of Results

The interpreted VLF and magnetic trends are presented in Figure 5. The magnetic pattern is dominated by two diabase dikes traversing north-south across the centre of the grid. A more magnetic unit is indicated south of Ridout Lake corresponding to a mapped intermediate tuff unit. The cross-cutting dikes contribute to the disrupted character of the magnetic signature in this area.

A number of curvilinear east-west, more discrete magnetic trends (IF?) are delineated traversing the central portion of the grid. These trends are disrupted in a number of areas indicating the presence of north-south to north-northwest cross-structures. Higher total field magnetic values are also noted along the extreme northern edge of the grid corresponding to a mapped gabbro unit.

The VLF data was Fraser filtered to assist in defining the EM trends. The interpreted axes have a predominant east-west orientation. Three major trends are indicated and these appear to be related to geological contacts: a series of disrupted axes is noted associated with the magnetic contact along the southern edge of the grid, a central more conductive zone associated with Ridout lake itself is delineated and a third sequence of trends is indicated in the northern part of the grid. The central strong VLF trend has a more direct magnetic association and is interpreted to represent an east-west oriented

structural zone.

In the western part of the grid a more WNW oriented VLF trend (contact related?) is defined. The presence of cross-cutting breaks is also indicated by disruptions in the VLF axes and is supported by the VLF profiles on the base line and tie lines using station NSS (cf the VLF profile map). The strong response on tie line 3+00N/9+00W corresponds to the main dike trend. The dikes are also represented on the base line and there is also strong evidence for cross-structure e.g. the western end of tie line 3+00N and the western edge of tie line 4+00S.

Conclusions and Recommendations

The magnetic and VLF results have assisted with our geological understanding of the Ridout project area. A number of target areas are indicated (Figure 5). Targets A1 to D1 all fall within Ridout Lake itself and are associated with the interpreted central structural zone. This zone is characterised by a well defined VLF axis and a more direct magnetic association. These locations are based on the intersection of the zone with the diabase dikes and NNW cross-structures. Target area A1 is also associated with the WNW oriented VLF trend. Potential target areas are also indicated in the northern part of the grid - A2 to D2 plus location E. These areas are again characterised by the intersection of the dikes and cross-structures with discrete magnetic units and VLF trends. The VLF trends have a more disrupted pattern obtained in this portion of the grid. If encouragement is indicated by the mapping and lithogeochemistry these target areas should be considered for drill testing.

APPENDIX C
ANALYTICAL RESULTS



ASSAYERS
LABORATOIRES/LABORATORIES
DIVISION DE/OF ASSAYERS CORPORATION LTD.

780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C6 TEL.: (819) 797-4653 FAX: (819) 797-4501

Certificat/Certificate

2R-1373-RG2

Comp: **CAMECO CORPORATION SUDBURY**
 Proj: **5794**
 Attn: **DOUG PANAGAPKO**

Date: **AOUT/AUG-21-92**

Nombre D'Echantillons/No. of Samples:
 Soumis le/Submitted: **AOUT/AUG-18-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB	AU G/TONE	AU CH'KS G/TONE	AU CH'KS G/TONE
SWA-92-55	209					
SWA-92-56				50.23	50.12	50.33
SWA-92-61	48					
CGN-92-62	180	176	184			
CGN-92-64	31	30	32			
CGN-92-66	26					
BLA-92-67	34					
BLA-92-69	158					
BLA-92-70	72					
CGN-92-72	27					
CGN-92-73	29					
CGN-92-74	6					
CGN-92-76	11					
CGN-92-78	5					
CGN-92-79	9					
CGN-92-80	25					
CGN-92-82	13					
GRE-92-86				1.27		
GRE-92-92	76					
GRE-92-93	24					
GRE-92-95	72					

Certifie par/Certified by

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Certificat/Certificate

2R-1373-RG3

Comp: **CAMECO CORPORATION SUDBURY**
Proj: **5794**
Attn: **DOUG PANAGAPKO**

Date: **AOUT/AUG-21-92**

Nombre D'Echantillons/No. of Samples: .
Soumis le/Submitted: **AOUT/AUG-18-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB	AU G/TONNE	AU CH'KS G/TONNE	AU CH'KS G/TONNE
GRE-92-96	35					
GRE-92-97	147	146	148			
GRE-92-99	85					
GRE-92-100	10					
GRE-92-101				0.76		
GRE-92-102	27					
GRE-92-104				1.25	1.23	1.27

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Certificat/Certificate

2R-1727-RG1

Comp: **CAMECO CORP.**
 Proj: **5794**
 Attn: **DOUG PANAGAPKO**

Date: **OCT-14-92**

Nombre D'Echantillons/No. of Samples:
 Soumis le/Submitted: **OCT-07-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB	AU gms / ton	AU CH'KS gms / ton	AU CH'KS gms / ton
SL-92-139	223	215	231			
SL-92-143	46					
SL-92-147				0.81	0.75	0.86
SL-92-150	110					
SL-92-154	94					
↓ GRE-92-155	23					
GRE-92-156	8					
GRE-92-157	10	12	8			
GRE-92-158	7					
GRE-92-159	74					
GRE-92-160	14					
GRE-92-161	8					
GRE-92-162	10					
GRE-92-163	16					
GRE-92-164	5					
GRE-92-165	6					
GRE-92-166	5					
GRE-92-167	<5					
GRE-92-168	7					
GRE-92-169	12					
↑ GRE-92-170	7					
GRE-92-171	27					

Certifie par/Certified by

J.J. Landers

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Certificat/Certificate

2R-1727-RG2

Comp: **CAMECO CORP.**
Proj: **5794**
Attn: **DOUG PANAGAPKO**

Date: **OCT-14-92**

Nombre D'Echantillons/No. of Samples:
Soumis le/Submitted: **OCT-07-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB
GRE-92-172	123	110	136
GRE-92-173	6		
GRE-92-174	64		
GRE-92-175	88		
GRE-92-176	30		
GRE-92-177	13		
GRE-92-178	27		
GRE-92-179	13		
GRE-92-180	33		
GRE-92-181	61	66	56
GRE-92-182	95		
GRE-92-183	<5		
GRE-92-184	23		
GRE-92-185	<5		
GRE-92-186	14		
GRE-92-187	21		
GRE-92-188	55		
GRE-92-189	94	92	95
GRE-92-190	12		
GRE-92-191	14		
GRE-92-192	14		

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Certificat/Certificate

2R-1727-RG3

Comp: **CAMECO CORP.**
 Proj: **5794**
 Attn: **DOUG PANAGAPKO**

Date: **OCT-14-92**

Nombre D'Echantillons/No. of Samples:
 Soumis le/Submitted: **OCT-07-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB	AU G/TONNE	AU CH'KS G/TONNE	AU CH'KS G/TONNE
GRE-92-193	9					
GRE-92-194	6					
GRE-92-195	28					
GRE-92-196	5					
GRE-92-197	8					
GRE-92-198	7					
GRE-92-199	15					
GRE-92-200	9					
GRE-92-201	24					
GRE-92-202	5					
GRE-92-203	5					
GRE-92-204	8					
GRE-92-205	5					
GRE-92-206	19					
GRE-92-207	11					
SWA-92-208	18					
SWA-92-209				2.37	2.19	2.54
SWA-92-210	208	204	212			
SWA-92-211	232	224	240			
OSW-92-212				3.04	3.02	3.05
OSW-92-213				3.77	3.70	3.84

Certifie par/Certified by

J.J. Landers

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LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / DIVISION OF SGS INC.
 150, 13e RUE • ROUYN-NORANDA • QUÉBEC J9X 2H6
 TÉL. : (819) 764-9108 FAX : (819) 764-4673

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

638

Nom de la Compagnie/Company: Cameco Corp.
 Bon de Commande No/ P.O. No:
 Projet/ Project No : F5114
 Date Soumis/ Submitted : Jul 20, 1993
 Attention : D. PANAGAPKO

Jul 27, 1993

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB	AU CHK PPB	AU g/ton	AU CHK g/ton	AU CHK g/ton
---------------------------------	-----------	---------------	---------------	-------------	-----------------	-----------------

RD93-02	18					
RD93-06	16					
RD93-07	36					
RD93-08	28					
RD93-10	19	19	19			
RD93-11	21					
RD93-13	19					
RD93-15	42					
RD93-17	25					
RD93-21	18					
RD93-24	21					
D93-25	30					
RD93-27	218					
RD93-29	19					
RD93-30	*			5.21	5.07	5.35
RD93-31	17					
RD93-32	129					
RD93-34	40					
RD93-35	126					
RD93-36	21					
RD93-37	28					
RD93-38	52					
RD93-39	74					
RD93-40	26					
RD93-41	19					
RD93-42	18					
RD93-43	19					
RD93-44	21					
RD93-45	22					
RD93-46	22					
RD93-47	20					
RD93-48	26					
RD93-49	28					
RD93-50	21					

Certifie par / Certified by : _____



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / DIVISION OF SGS INC.
150, 13e RUE • ROUYN-NORANDA • QUÉBEC J9X 2H6
TÉL. : (819) 764-9108 FAX : (819) 764-4673

your ref: RIDOUT

our ref: 16089/917

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

01-Oct-93

CAMECO CORP.
1349 KELLY LAKE ROAD
UNIT 6
SUDBURY, ONTARIO
P3E 5P5
ATTENTION: DOUG PANAGAPKO

Date soumis/ Submitted: September 8, 1993

No. of samples: 12

No. of pages: 1

ELEMENTS	METHOD	DETECTION LIMIT
WRMAJ %	XRF/WR	0.01
WRMIN PPM	XRF/WR	10.

Certifie par/Certified by:



J.J. Landers Gerant/Manager

SAMPLE	Na2O % XRF-F	K2O % XRF-F	AL2O3 % XRF-F	SI02 % XRF-F	P2O5 % XRF-F	K2O % XRF-F	CaO % XRF-F	TiO2 % XRF-F	Cr2O3 % XRF-F	MnO % XRF-F	FE2O3 % XRF-F
RD93-01 -	5.24	1.29	14.6	64.0	.12	1.54	3.65	.322	.01	.09	4.32
RD93-03 -	.12	16.7	2.76	31.8	.03	.03	13.4	.118	.37	.18	7.74
RD93-08 -	1.94	6.31	13.5	50.8	.08	.37	10.3	.661	.01	.13	12.1
RD93-12 -	3.93	6.06	12.4	43.4	.09	.08	6.93	.625	<.01	.17	10.0
RD93-14 -	4.26	3.63	16.2	50.2	.16	1.50	2.29	.722	.01	.24	5.95
RD93-16 -	2.10	6.38	15.0	47.4	.08	.05	9.75	.318	.03	.19	11.8
RD93-19 -	2.59	2.76	14.7	62.8	.16	1.22	5.39	.573	.01	.10	6.02
RD93-20 -	2.10	3.95	15.0	46.4	.07	.15	9.31	.719	.05	.20	13.1
RD93-22 -	1.83	2.44	13.9	51.6	.14	.19	4.08	1.25	<.01	.23	17.2
RD93-23 -	3.53	4.81	13.9	60.5	.13	.05	4.23	.553	.02	.15	8.15
RD93-25 -	4.27	5.08	14.3	50.1	.24	.64	1.74	.691	.01	.09	8.00
RD93-33 -	1.81	5.98	12.7	50.5	.03	<.01	8.12	.764	<.01	.19	12.3
D RD93-01	5.22	1.31	14.5	64.0	.12	1.53	3.66	.347	.01	.09	4.35

SAMPLE	BB PPM XRF-F	SR PPM XRF-F	Y PPM XRF-F	ZR PPM XRF-F	NB PPM XRF-F	BA PPM XRF-F	LOI % XRF-F	SUM % XRF-F
RD93-01	40	233	<10	101	17	457	4.68	100.0
RD93-03	<10	155	<10	<10	17	54	27.3	100.6
RD93-08	<10	275	<10	50	24	111	2.60	98.9
RD93-12	<10	215	13	52	15	178	11.4	100.2
RD93-14	42	142	<10	135	<10	511	4.15	100.4
RD93-18	<10	140	10	48	12	72	6.00	99.6
RD93-19	27	416	10	155	20	320	3.75	100.4
RD93-20	<10	192	13	38	23	129	3.20	99.2
RD93-22	30	53	11	89	20	158	7.45	100.4
RD93-23	14	201	25	98	12	124	3.60	99.7
RD93-28	26	99	<10	165	14	257	4.15	99.4
RD93-33	<10	110	11	55	15	91	7.40	99.9
D RD93-01	55	265	<10	103	15	456	4.75	100.0



**Report of Work Conducted
After Recording Claim**

Mining Act

Transaction Number
W9460.00152

OHU

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15494

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations Recorder.
 - A separate copy of this form must be co
 - Technical reports and maps must accom
 - A sketch, showing the claims the work is



41010NW0012 2.15494 ELDORADO

900

Recorded Holder(s) CAMELO CORPORATION		Client No. 114820
Address #6-1349 KELLY LAKE ROAD, SUDBURY, ONT P3E5P5		Telephone No. 705-523-4555
Mining Division PORCUPINE	Township/Area GREENLAW	M or G Plan No. G-3235
Dates Work Performed From: FEB 15/93	To: JULY 31/94	(ASTER PER PERIOD)

Work Performed (Check One Work Group Only)

Work Group	Type
<input checked="" type="checkbox"/> Geotechnical Survey	Linecutting, Magnetic, VLF Survey, Geological Mapping
<input type="checkbox"/> Physical Work, Including Drilling	
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

RECORDED
JUN 29 1994
RECEIVED

Total Assessment Work Claimed on the Attached Statement of Costs \$ **22827.00**

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
Houle, Patenaude & Assoc.	19 rue Gamble West, Rouyn-Noranda, Que J9X 2R3
Val d'Or Geophysics	# 50 boul Lamague, Val d'Or, Que J9P 2H6
Douglas A. Panagapko	1349 Kelly Lake Road, #6, Sudbury, Ont P3E5P5

(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 JUNE 30/94	Recorded Holder or Agent (Signature) Douglas A. Panagapko.
--	---------------------------	--

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 DOUGLAS A. PANAGAPKO, #6-1349 KELLY LAKE RD, SUDBURY, ONT. P3E5P5		
Telephone No. (705) 523-4555	Date JUNE 30/94	Certified By (Signature) Douglas A. Panagapko

For Office Use Only

Total Value Cr. Recorded 5 22,827.00	Date Recorded JUNE 29th/94	Mining Recorder [Signature]
	Deemed Approval Date SEPT. 27th/94	Date Approved
	Date Notice for Amendments Sent	

RECEIVED
JUN 29 1994
PORCUPINE



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

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

Transaction No./N° de transaction

W19460.00152

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^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	6375	
	Field Supervision Supervision sur le terrain		6375
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type LINECUTTING	8898	
	MAG + VLF	4930	
	ANALYSIS	528	14356
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			20731

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 Montant	Totals Total global
Transportation Transport	Type AIR CHARTER	1295	
Food and Lodging Nourriture et hébergement	Receipt		
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			2096
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			2096
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			22827

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
	x 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	Evaluation totale demandée
	x 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 PROJECT GEOLOGIST I am authorized

to make this certification

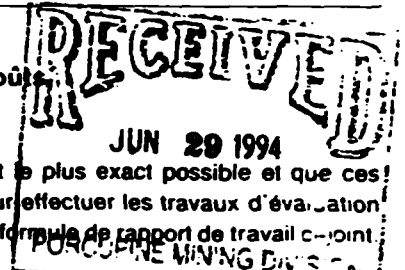
Attestation de l'état des coûts

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 PROVINCIAL MANAGER je suis autorisé

à faire cette attestation.

Signature Douglas A. Panayiotis Date JUNE 30/94





Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

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

Telephone: (705) 670-5853
Fax: (705) 670-5863

Our File: 2.15494
Transaction #: W9460.00152

September 20, 1994

Mining Recorder
Ministry of Northern Development
and Mines
60 Wilson Avenue
1st Floor
Timmins, Ontario
P4N 2S7

Dear Mr. White:

**RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS 1179540 ET AL. IN
GREENLAW TOWNSHIP.**

The assessment credits for Geology and Geophysics, sections 12 and 14 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of September 19, 1994.

Please indicate this approval on the claim record sheets.

If you have any questions concerning this submission please contact Dale Messenger at (705) 670-5858.

ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

MEM/jl
Enclosures:

cc: Assessment Files Office
Sudbury, Ontario

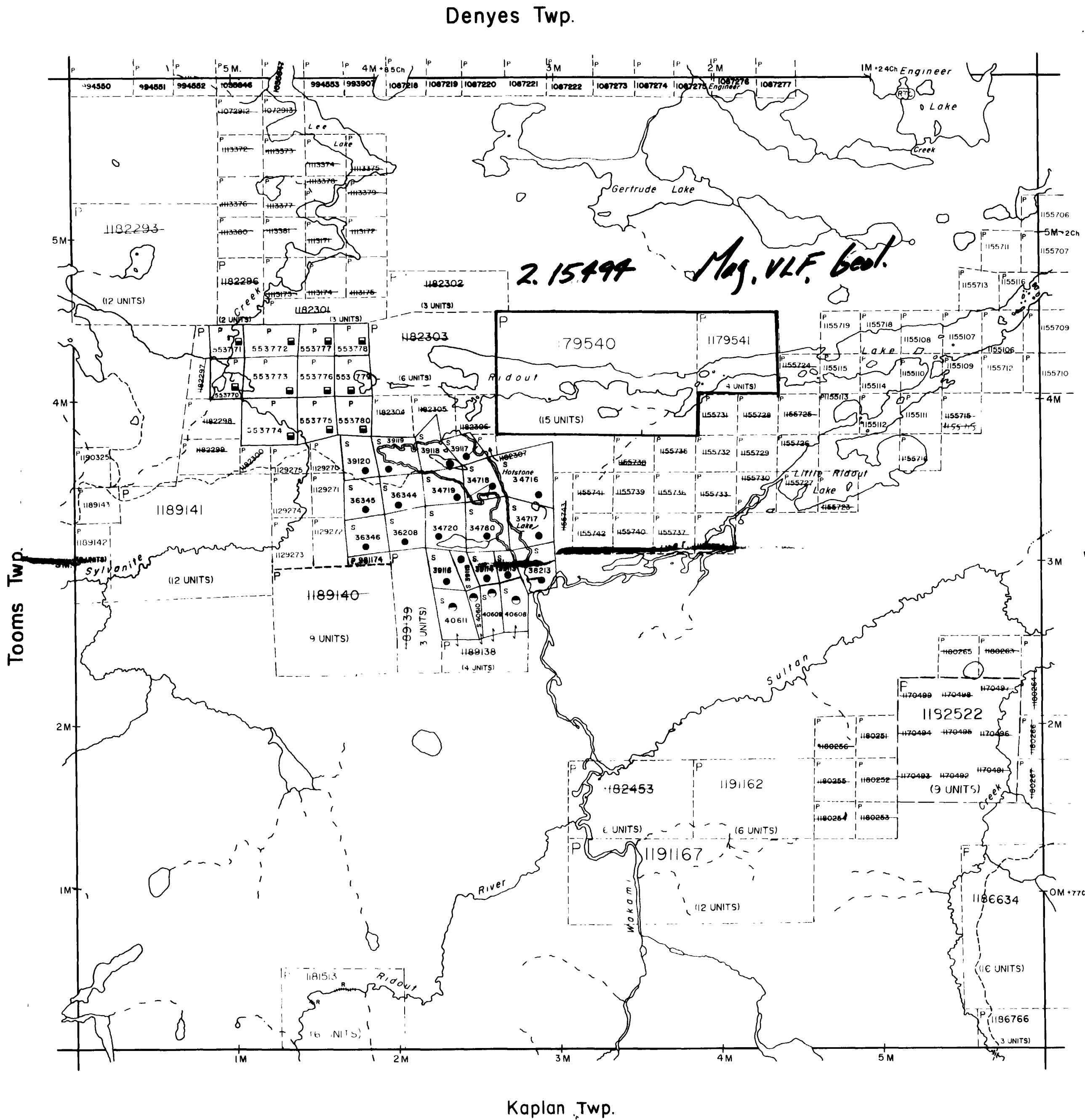
Resident Geologist
Timmins, Ontario

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. MINING RIGHTS ONLY
 - S.R.O. SURFACE RIGHTS ONLY
 - M.+S. MINING AND SURFACE RIGHTS
- | Description | Order No | Date | Disposition | File |
|-------------|----------|------|-------------|------|
|-------------|----------|------|-------------|------|

(R.C.)-R.F.M.O.F. TOURIST CAMP



LEGEND

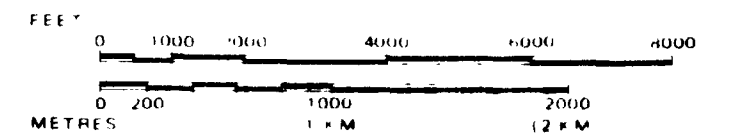
- HIGHWAY AND ROUTE N
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS BASE LINES ETC
- LOTS, MINING CLAIMS, PARCELS ETC
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHT
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊕

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT R.S.O. 1910 CAP. 380 SEC. 63 SUBSEC. 1

SCALE 1 INCH = 40 CHAINS



TOWNSHIP
GREENLAW
 M.N.R. ADMINISTRATIVE DISTRICT
CHAPLEAU
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
SUDBURY

Ontario Ministry of Natural Resources
 Ministry of Northern Development and Mines

Date: MARCH, 1985

Number

ACTIVATED OCTOBER 21, 1982

BY D.C.

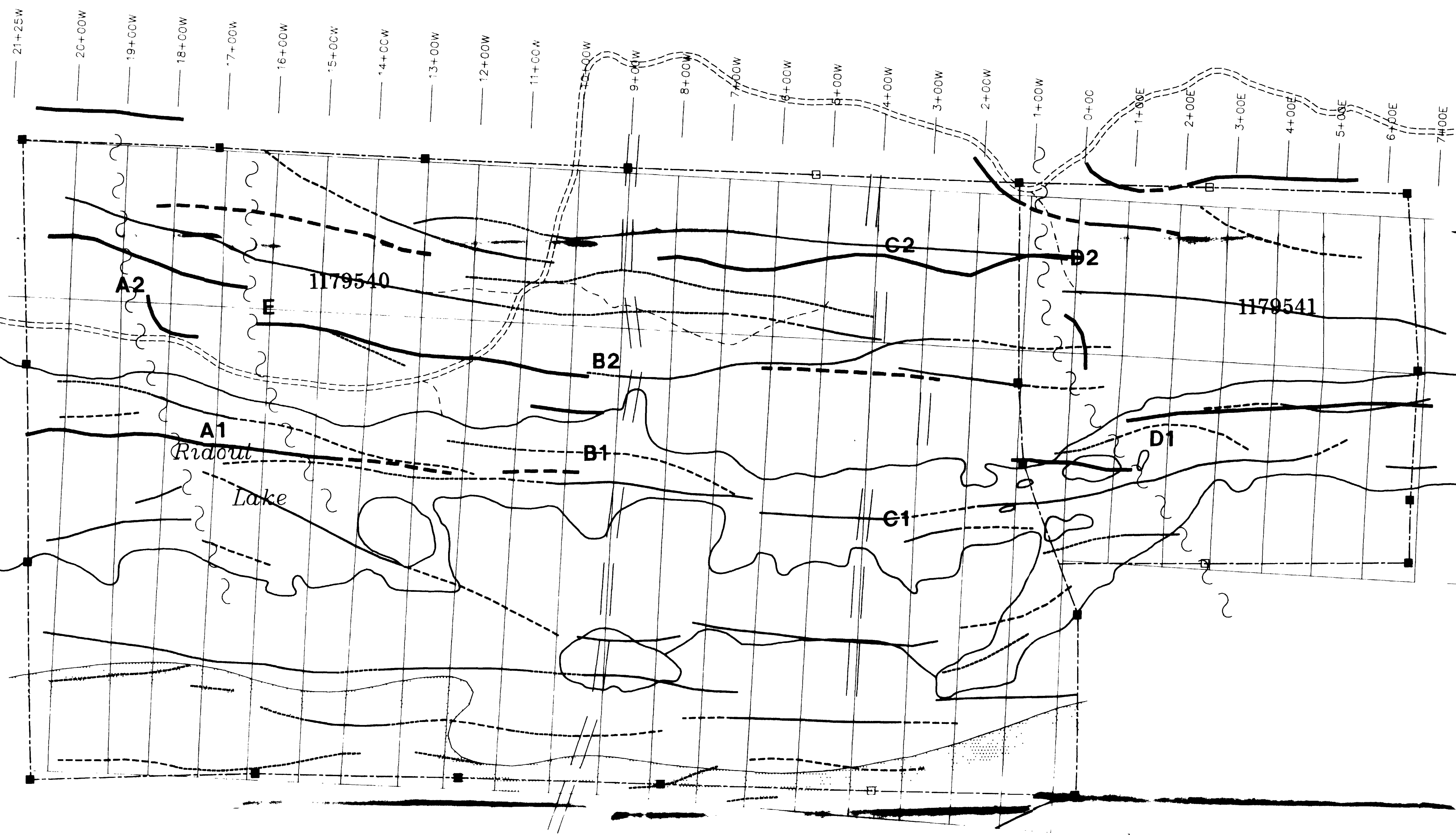
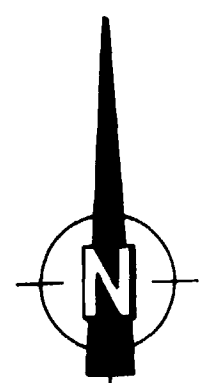
Number **G-3235**

CHIEFED BY R.R.

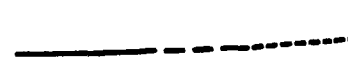
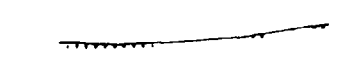

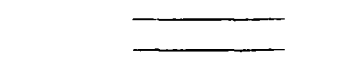

INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES. ACCURACY IS NOT GUARANTEED. THOSE INTENDING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING ORDER MINISTER OF NORTHERN DEVELOPMENT AND MINES FOR FURTHER INFORMATION. THE STATUS OF CLAIMS IS SHOWN HERE.

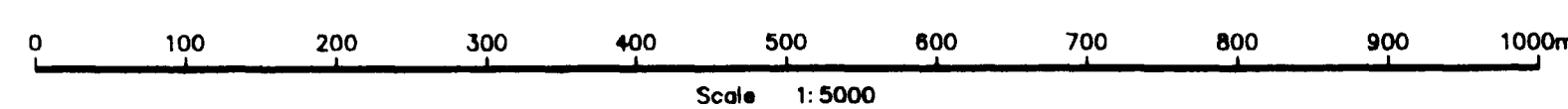


41010NW0012 2 15494 ELBORADO




LEGEND

-  VLF Axis (NAA)
(strong/weak/moderate)
-  Mag Contact
-  Mag High Trends
-  Dykes
-  Interpreted Structure



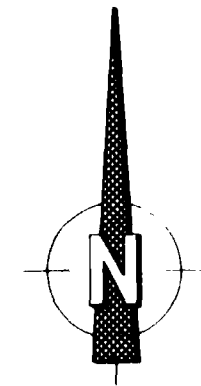
Hotstone
Lake

Little Ridout
Lake

	RIDOUT PROJECT	
	GEOPHYSICAL INTERPRETATION MAP	

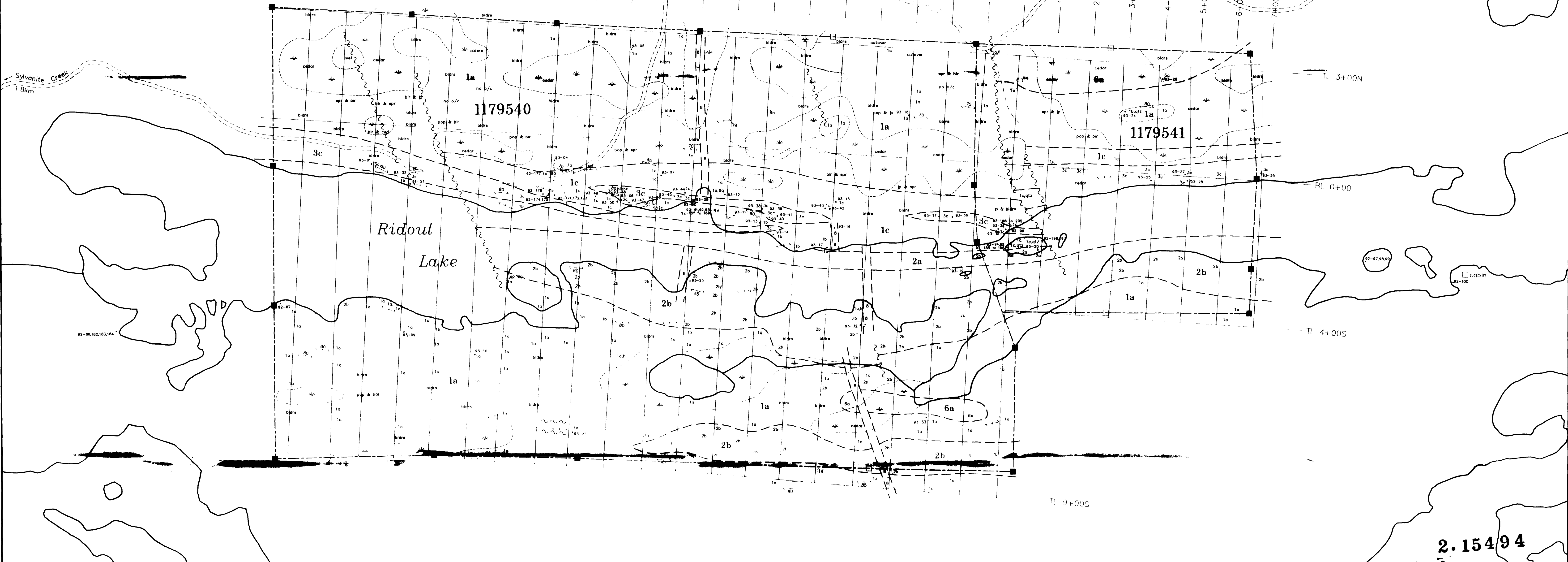
Compiled By: RON MATTHEWS	93/09/16	Dwg No.: RID93004
Drafted By: CLAYTON DURBIN		
Scale: 1:5,000		
N.T.S.: 41 0/10		Figure 5
Disposition(s): GREENLAW TOWNSHIP		





Sylvanite Creek
1.8km

21+25W 20+00W 19+00W 18+00W 17+00W 16+00W 15+00W 14+00W 13+00W 12+00W 11+00W 10+00W 9+00W 8+00W 7+00W 6+00W 5+00W 4+00W 3+00W 2+00W 1+00W C+00 1+00E 2+00E 3+00E 4+00E 5+00E 6+00E 7+00E

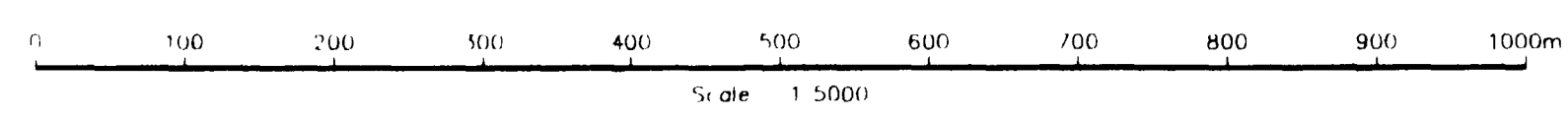


LEGEND

- 8 Diabase
- 7 Felsic Intrusive
- 6a Gabbro
- 5c Sericitic Felsic Tuff
- 2b Intermediate Tuff
- 1a Mafic flow
- 1b Mafic Tuff
- 1c Carb. Mafic/Ultramafic Tuff

Symbols


- swamp
- claim post located
- claim post inferred
- geological contact, inferred
- outcrop area
- assay/litho sample site
- foliation
- fault, inferred
- bush road
- trail
- jackpine
- spruce
- fir
- larch
- glacial drift



2.15494

Little Ridout Lake

Douglas A. Panagapko

 **RIDOUT PROJECT**

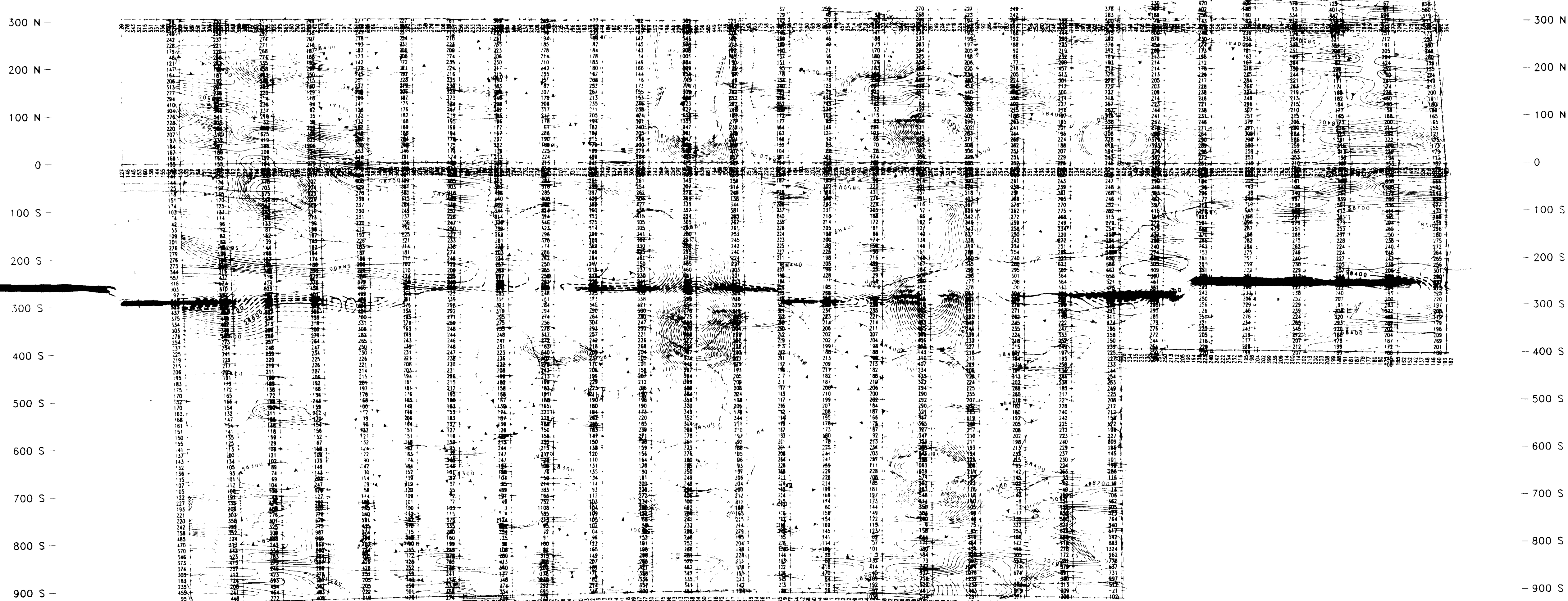
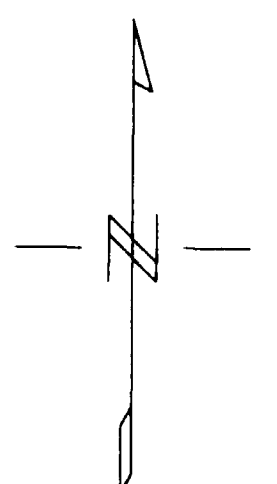
BEDROCK GEOLOGY

Compiled By: DOUG PANAGAPKO 93/08/19
 Drafted By: CLAYTON DURBIN
 Scale: 1:5,000
 N.T.S. 41 0/10
 Disposition(s): GREENLAW TOWNSHIP

Dwg No: RID93003
 Figure 7

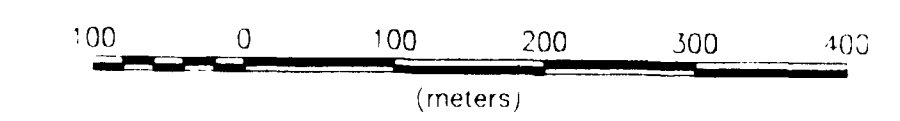


2000 W 1800 W 1600 W 1400 W 1200 W 1000 W 800 W 600 W 400 W 200 W 0 200 E 400 E 600 E

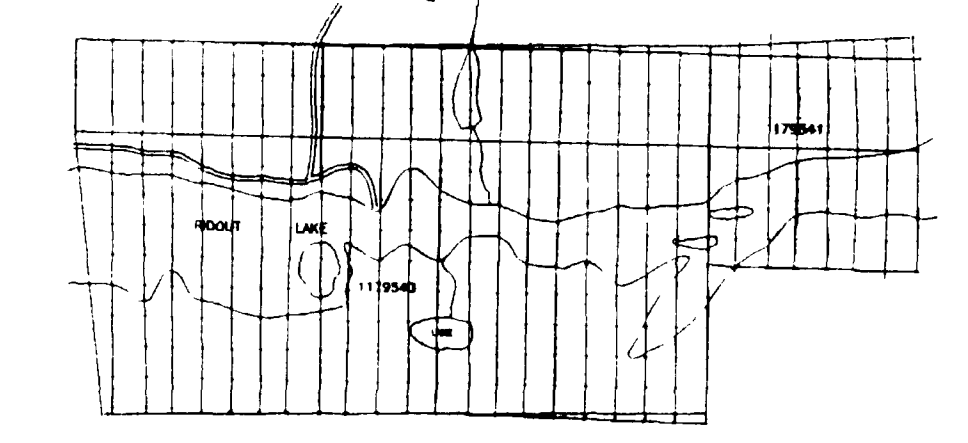


LEGEND
CONTOUR INTERVALS (nanoTesla)
25
100
500
Readings = total field - 58200 nT
Instruments: EDA, OMNI-PLUS

SCALE 1 : 5000



2.15494



GREENLAW TP



2000 W 1800 W 1600 W 1400 W 1200 W 1000 W 800 W 600 W 400 W 200 W 0 200 E 400 E 600 E

CAMECO CORPORATION LTD.
RIDOUT PROPERTY

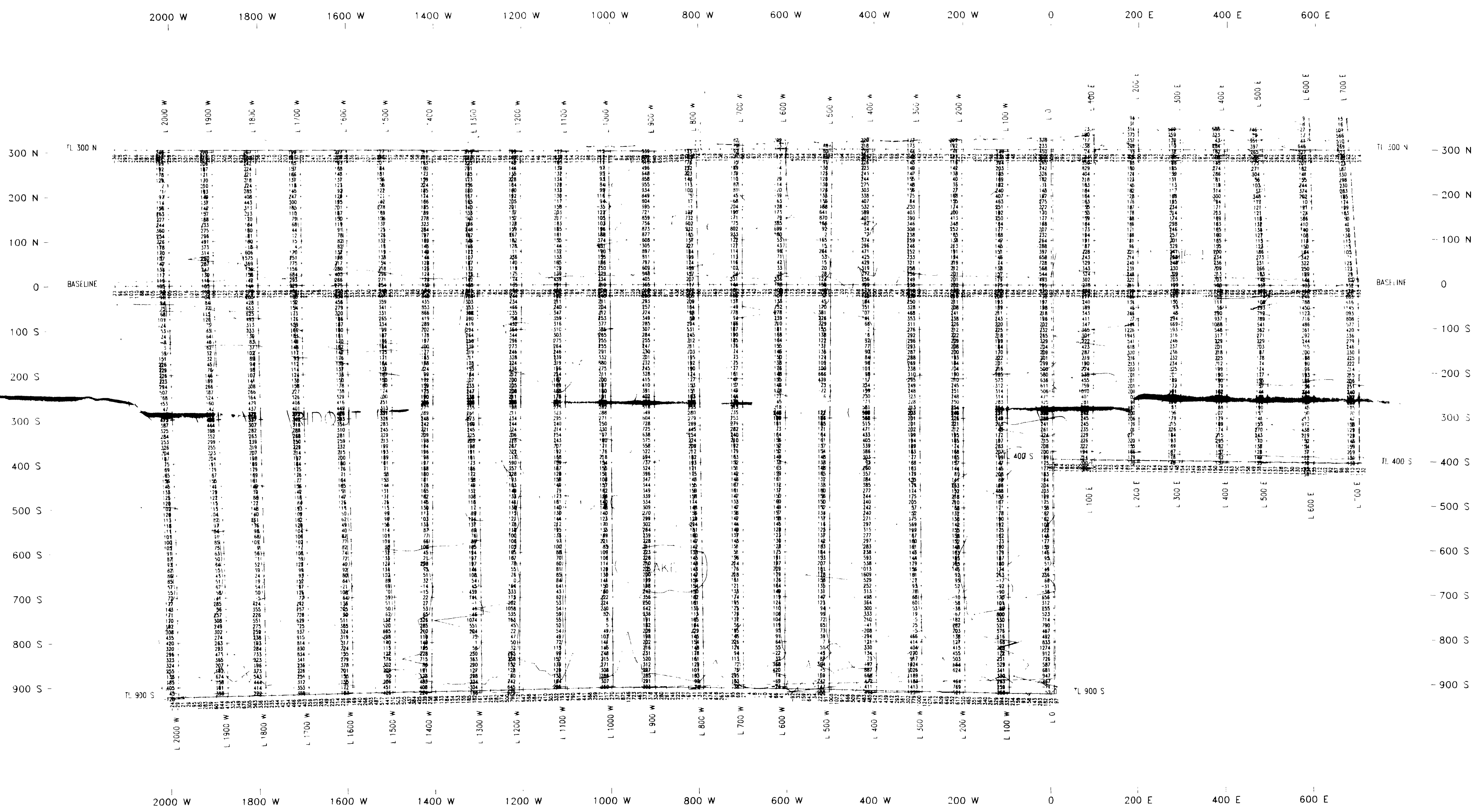
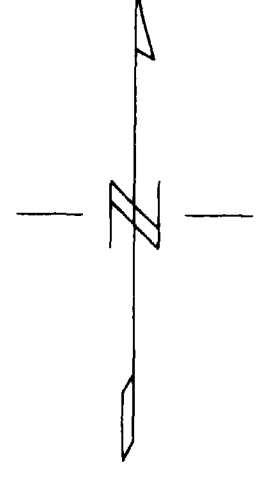
MAGNETIC SURVEY
TOTAL FIELD CONTOURS

VAL D'OR GEOPHYSIQUE LTEE.

Interpreted by: Date: 04/95

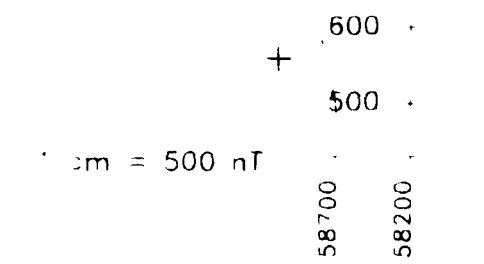
Scale 1 : 5000 Drawing no.. 93-942-1 1



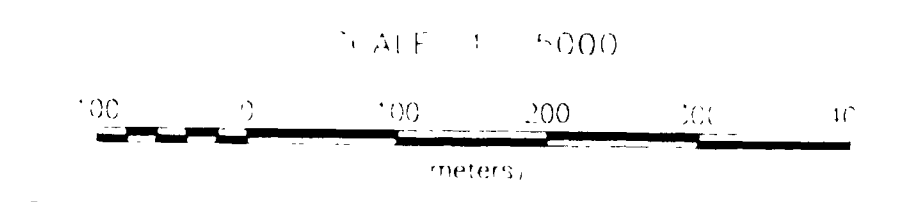


MAGNETIC PROFILES

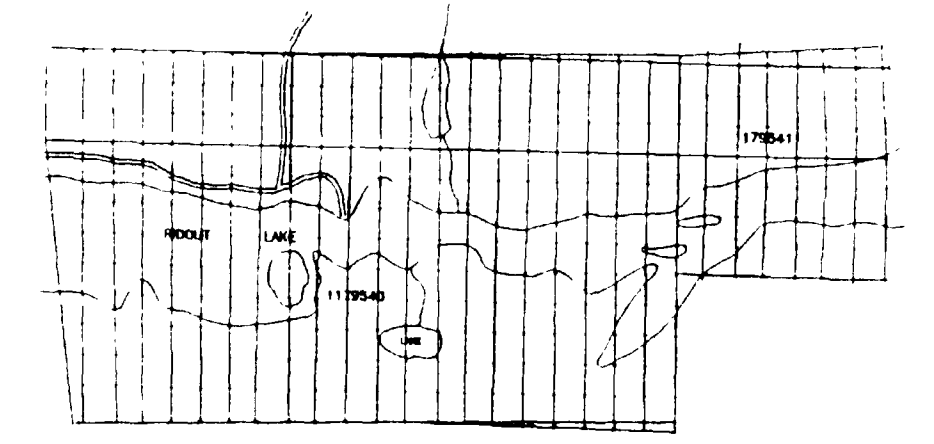
Readings: Total field
- 58200 nT



Instruments: FDA, OMNI-PLUS



2.15494



GREENLAW TP



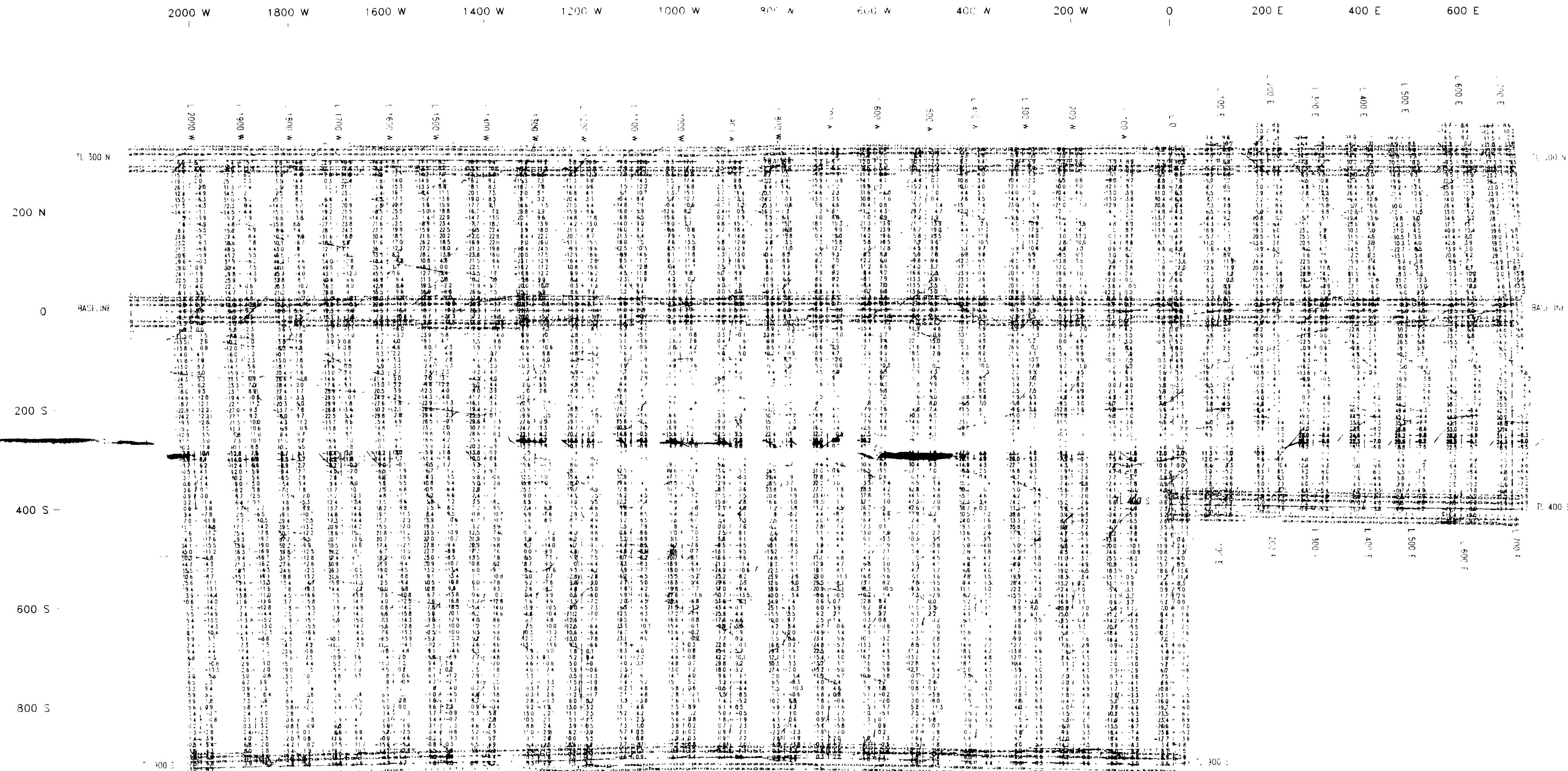
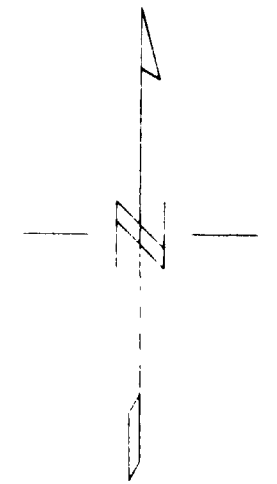
CAMECO CORPORATION LTD.
RIDOUT PROPERTY

MAGNETIC SURVEY
TOTAL FIELD PROFILES

VAL D'OR GEOPHYSIQUE LTEE.

Interpreted by: _____ Date: 04, 93
Scale: 5000 Drawing no: 93-942-12





ELECTROMAGNETIC PROFILES.

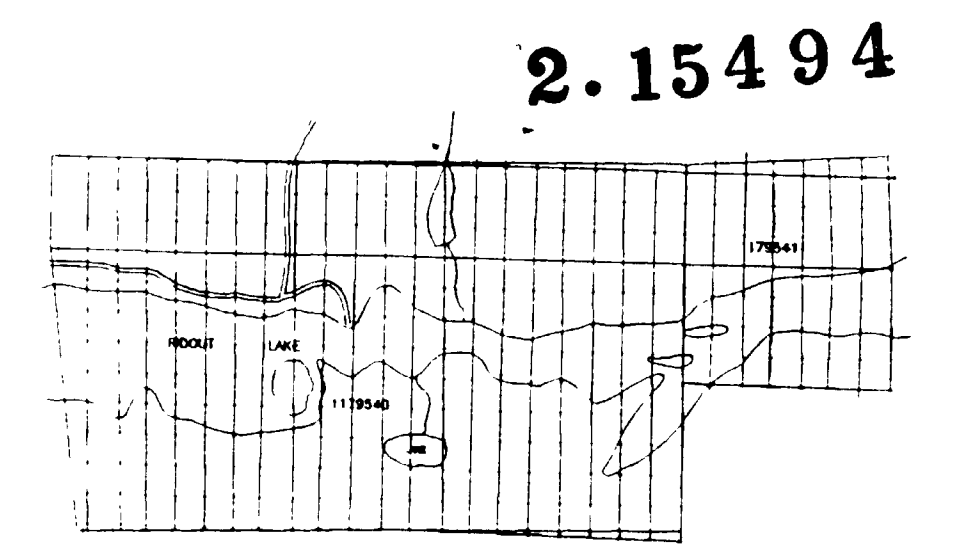
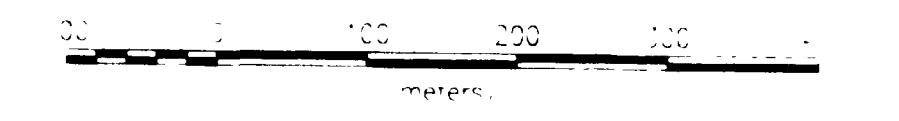
In-phase 1 cm = 20 m
 Out-of-phase 1 cm = 20 m

Station N.A.A. (crossing) Station N.S.S. 3
 Frequency 240 KHz Frequency 24 KHz
 Readings direction North Readings direction East

Recordings n-Phase 1-6 Out-of-Phase 1-6

Instrument: EDA OMNI PLUS

SCALE 1:5000



GREENLAW TP



CAMECO CORPORATION LTD
 RIDOUT PROJECT

ELECTROMAGNETIC V.L.F. SURVEY
 N.A.A. PROFILES

VAL D'OR GEOPHYSIQUE LTEE

Interpreted by: Date: 04/93

Scale: 5000 Drawing no.: 93-942-2.1

