



52F16NW2008 2.22921 ECHO

010

# **Prospecting Report for the Camreco Gold Prospect**

**Echo Twp.  
March – December 2001**

**2. 229 21**

**Alex Glatz and Ivar Riives  
15 Park Crescent  
Dryden, Ont. P8N 1T7  
January 31, 2002**

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## PROSPECTING REPORT FOR THE CAMRECO GOLD PROSPECT 2001

Project name: Camreco Gold Project

Location: Echo Twp. Lot 8, Conc. I  
Patricia-Kenora Mining Division.  
Coordinates: Lat.: 49°53.45' Long.: 92°21.30'  
The area covered by the claim is located at the Windward (Windfall) shaft and the ground to the west of the shaft. This is not the Goldlund Mine property which is located further east.

Access: The property can be accessed from the Hwy. 72 which connects the Town of Sioux Lookout with the Trans-Canada Highway at Dinorwic. From Hwy. 72, about 1km north of the Echo Twp. sign, a gravel road leads west to the Goldlund mine ground. Past the headframe, the road leads west to the Camreco or Windfall mine property. Past the old bunk houses, the road is grown-in badly and can only be used by ATV at present. This road runs to the Windfall shaft and then to the shore of Cross Echo Lake. It traverses the north-east part of Claim 1166865.  
Distance From the Highway to Claim 1166865 is 7 km. Total driving distance from Dryden is 75 km.

Claims: 1166865 (6 units) and 1191762 (1 unit)  
The claims are held by Alex Glatz and Ivar J. Riives on a 50/50 basis.

Targets: Gold and zinc.

### Previous work:

Known as the Windward prospect (at the time), this ground was explored from 1947-52. At that time 11 holes totaling 5,111 ft. were drilled. A shaft was sunk to 222 ft, with one level at 165 feet. Drifting for 2,735 feet and crosscutting 244 feet was done. The drifting runs west of the Windward shaft onto patented land to the west of claim 1166865. Concerns have been expressed about the correct depth. The tunnel may be much closer to surface than was stated in the old reports. Underground drilling of 17 holes totaling 8,183 feet was carried out. (Ferguson et al. 1971). To the east, the drifting is connected with the underground workings at the Goldlund Mine.

In 1971, Windfall Oil and Mines Limited conducted a ground electromagnetic survey over the whole claim group, locating a number of conductive zones suggesting a "series of fault or shear structures broken by cross faults"... (Szetu, 1971, p.6)

From 1979 to 1984 more drilling was carried out by Windfall Oil and Mines and later by the newly formed Camreco Inc.. Reports of this work is not readily available, as the claims were patented. The drilling indicated reserves of 300,000 tons at .280/t underground ore and an estimated 1,000,000 tons of .060/t of open-pit ore.( Chester Kuryliw, 1984).

In 1987-88 more drilling was done in conjunction with work on the Goldlund Mine. This work was done by Norontex Exploration Ltd. for Camreco Inc. Nine holes were drilled on ground covered by our claim and indicate that the gold potential extends to a depth of 1,250 feet. (Joop Langelaar, Norontex 1988).

**History:** In 1942 the ground was staked and optioned to Windward Exploration Ltd. It was later taken over Windfall Oil and Mines Ltd. who brought the claims to patent in the late 1970's. This company was taken over by the newly formed Camreco Inc. in the mid 80's. Camreco also bought the adjacent Goldlund Mine complex and started production in 1983 but closed down in 1985. The Windward shaft was filled in and capped, it is not known when this was done.  
Many of the claims came open on June 1, 1999 when the 21 year lease had expired. Claim # 1166865 was staked in March of 2000 by Alex Glatz and Joe Riives of Dryden to cover the most promising ground.

**Rationale:** It is felt that there are possibilities to mine some of the ore that was outlined in the 1980-84 and the 1987-88 drilling on a small scale, and at the same time check for the existence of a more extensive ore body on this claim. Discussions with people doing successful small scale mining at Pickle Lake indicate that this ground may be productive if work is done in a selective and cost-conscious manner by experienced personnel. The drifting following the north boundary of the grano-diorite can be used to access some of the ore outlined in the drilling.

**Geology:** The local geology can best be described as a broad volcanic belt intruded by large dikes of grano-diorite and porphyries. The south-east part of Echo Twp. is underlain by a 2 km wide band of felsic volcanics. Sedimentary rocks adjoin this felsic sequence to the south. Crossecho Lake is wholly within the mafic-intermediate volcanic belt. To the north, a large sedimentary belt covers Kathlyn and Maskinonge lakes.

The economically important rock type here is the Grano-diorite. This rock carries nearly all the important gold mineralization in this area. The Goldlund shaft was sunk in the main grano-diorite dike while the Windward shaft was sunk in a mafic-volanic or gabbroic rock. The most recent drilling seems to indicate that the western part of this large structure is more consistently altered than the portion that holds the ore at the Goldlund. Hole 88-29 showed elevated gold values from 850 feet to

1270 feet, with assays of up to 8.0 o/t Au. The Grano-diorite and Quartz porphyry are not exposed much in the area of claim 1166865; their existence is known only from the extensive drilling. The wide mineralized sections of the underlying rock may be responsible for the faster erosion of this rock and explains the absence of exposures in this zone. This theory can be taken further. It may indicate that the Grano-diorite dike is more uniformly and consistently mineralized on the Camreco (Windward) ground than its extension to the east where outcrops of this rock are abundant in the vicinity of the Goldlund Mine, one km away.

A four to seven metre thick layer of clay overlies this area. The rich soil supports a timber stand composed of Poplar, Balsam and large White Spruce. In areas where timber has been cut during previous exploration and development activities, younger poplar, intermixed with conifer trees dominate.

Massive outcroppings of mafic volcanic rocks are found at the Camreco (Windward) shaft. They occur over most of the south part of the claim 1166865. Towards the south boundary of the claim, they are increasingly intercalated with brecciated intermediate and felsic volcanics. A number of quartz veins occur in the mafic volcanic rocks but consist of barren quartz.

In this area, sandy soils dominate in the vicinity of the rock outcrops. Timber here is mainly composed of Black Spruce with some Jackpine.

#### Current Work:

**Prospecting:** The main objective was to find the drill hole collars for the 1983-84 and the 1987-88 drilling. A map of plotted drill holes done in 1984 was briefly examined but not acquired as the price for the whole work report was \$4,000, asked by the consultant who did the work. It was found that all casings had been pulled after the drilling. With the heavy ground cover there would be little chance to pinpoint the locations from a map. This was borne out later when the area in question was painstakingly searched and no signs of the 1983-84 drilling were found.

Detailed maps and reports of the 1987-88 drilling were acquired from another consultant for a nominal cost of \$300. All of these holes had the casings left in and were located and plotted by GPS without too much trouble. Most of these holes were drilled at a south-easterly bearing and at fairly steep angles. Hole # 88-29 was drilled at a bearing of 154 degrees at an angle of -65 degrees.

Both drill programs covered basically the same area. Both targeted the Grano-diorite dike crossing our claim 1166865. However there was a basic difference in locating the holes. The 1984 program had the holes go

down vertically in the center of the dike. The 1987-88 program was set up to drill across the dike from north to south. This would better determine the size and boundaries of the grano-diorite structure

As it turned out, both approaches intersected potential ore material. The gold is not in the quartz but adjacent to the veins, associated with pyrite and other sulfides. From the 1984 drilling, Chester Kuryliw, consultant, estimated 300,000 tons at .28 o/t Au underground ore and 1,000,000 tons at .06 o/t Au in an open pit operation. This was calculated to a depth of 400 feet. The 10 holes drilled in 1987-88 tested the same structure at depths from 500 to 1250 feet. Joop Langelaar, consultant, stated that the gold mineralization is more consistent at that depth, with the last hole (CA 88-29) showing alteration and elevated gold content for more than 400 feet of core with narrow high grade intercepts of up to 8.0 o/t Au.

The two consultant differ somewhat in their opinions. Where one sees excellent potential for a small scale operation, the other sees the drilling results as the upper manifestations of a potentially large ore body deeper down and to the west. This leads us to the idea to mine out the available ore while at the same time probing for extensions of the known zone. As the large dike does not outcrop (except to the north of the Windward shaft), this may be an efficient way to explore the zone. A drift, following the north boundary of the dike to the west boundary of claim 1166865 could provide access to the ore zone in the grano-diorite dike. These underground workings can be accessed from the Windward shaft.

From available information and personal observations of the ground, it seems that the drift originated at the Goldlund shaft and was driven west to the "Conecho" ground at Crossecho Lake. The Windward shaft, located at least 200 feet south of the drift, was then connected to it. It seems that this shaft was sunk on a mafic-volcanic outcrop before the existence of the large dike was evident, as the large dumps around the shaft are composed entirely of gabbroic and mafic rocks with some inclusions of a dark brecciated and silicified rock. If the shaft would have been sunk further north, it would have penetrated the grano-diorite structure, probably encountering better gold mineralization. If that would have happened, the exploration history of the Windward property would have taken a different turn; surely for the better.

The south part of the claim was traversed extensively with the hope of finding exposures that were missed before, but mainly unaltered mafic to intermediate volcanics were encountered. Outcrops are widespread and cover about 50% of the ground area. Numerous north-striking quartz veins were found but seem unaltered and barren. Panning of quartz did not yield any colours. A few narrow granitic dikelets were seen. These were also unaltered and therefore not sampled.

A peep-mat was dragged across rock structures to see if sulfides may exist under shallow overburden. While no conductive material was encountered, a number of magnetic indications were obtained. The source was very fine grained magnetite in a coarse mafic flow. This was subsequently confirmed as a magnetic anomaly during the magnetometer survey.

Soil samples were taken at strategic locations to ascertain the viability of soil sampling in this environment. The 10 humus samples showed that the heavy clay layer over most of the grano-diorite zone insulates the underlying rock from the ground surface. Only two samples which were located in a sandy environment, closer to rock exposures showed any presence of gold. Sample #7 and 10 yielded 15 ppb Au and 165 ppb Au respectively. These are encouraging numbers and show that gold is present, but it also shows that soil sampling would be useless for tracing the location and outline of the important grano-diorite structure which is masked by clay overburden.

**Magnetometer Survey:** A Scintrex MP-2 Proton Precession Magnetometer was used to conduct a partial survey of the claim. A base line, 860 metres long was cut at North 65degrees East to roughly parallel the grano-diorite structures to the north. From this base line, cross lines were run north to the north boundary line of claim 1166865. The objective was to cover the area of economic importance i.e. the grano-diorite structure. The results showed that readings over the mafic volcanics were generally 500 -1000 gamma higher (59,000 +) than the area underlain by the grano-diorite. Several narrow and long higher magnetic zones run parallel to the base line. These generally are one-station readings of 60,000 gamma. A major mag anomaly shows up on the most westerly line, close to the boundary of 1166865. This feature was picked up over 4 consecutive stations, indicating a width of 150 m and a high value of 64,224 gamma. An additional claim has now been staked adjacent to the west to cover the potential strike of this anomaly. The economic importance of this feature is yet unknown. The mag anomaly is caused by fine grained magnetite within a coarse mafic flow. Assays from this material show slightly elevated gold values.

#### Conclusion and Recommendations:

From our work and research done on the property we can conclude that the area covered by our claims hosts a small, and potentially a large mineable resource. The drilling of the deep holes CA-87-7, CA-87-8, CA-87-9 and CA-88-29 has helped to show that gold values occur at greater depth than previously known. This coupled with the estimated reserves from the 1984 drilling makes this ground very valuable.

The two humus samples taken away from the clay area yielded high assays (for humus samples). This shows that the soil closer to the outcrops is auriferous. Also, rock samples taken from felsic material north of the shaft gave over 2 grams/ton in gold.

The magnetic anomaly should be traced onto the new claim 1191762 and sampled for elevated gold values. Also, the area of the anomaly should be checked for zinc mineralization because a brecciated and silicified rock was observed near-by and sphalerite was found in float close to the south boundary and also east of claim 1166865. The area north of the shaft where the grano-diorite comes close to the surface should be covered by systematic soil sampling to see if the value of sample #10 can be duplicated. If so, an auriferous zone may be found under shallow overburden.

The main effort will be to form a joint venture or option the claims to a competent company. We are in contact with a private company who are specializing in small scale mining. They are successfully mining at the Pickle Crow Mine and they have optioned two old mining properties in the Dryden area this year, with the intent to start mining within one year. With an idle mill at the Goldlund mine next door, there is a chance the equipment can be acquired from the bankrupt owners and rehabilitated.

Now that we have opened the Camreco-Windward property by clearing out the old roads and trails and located all drill set-ups with casings, it will be easier to do more work on this ground.



## **Appendix I – Prospecting Log**

Prospecting Report      Camreco Gold Prospect by Alex Glatz & Joe Riives

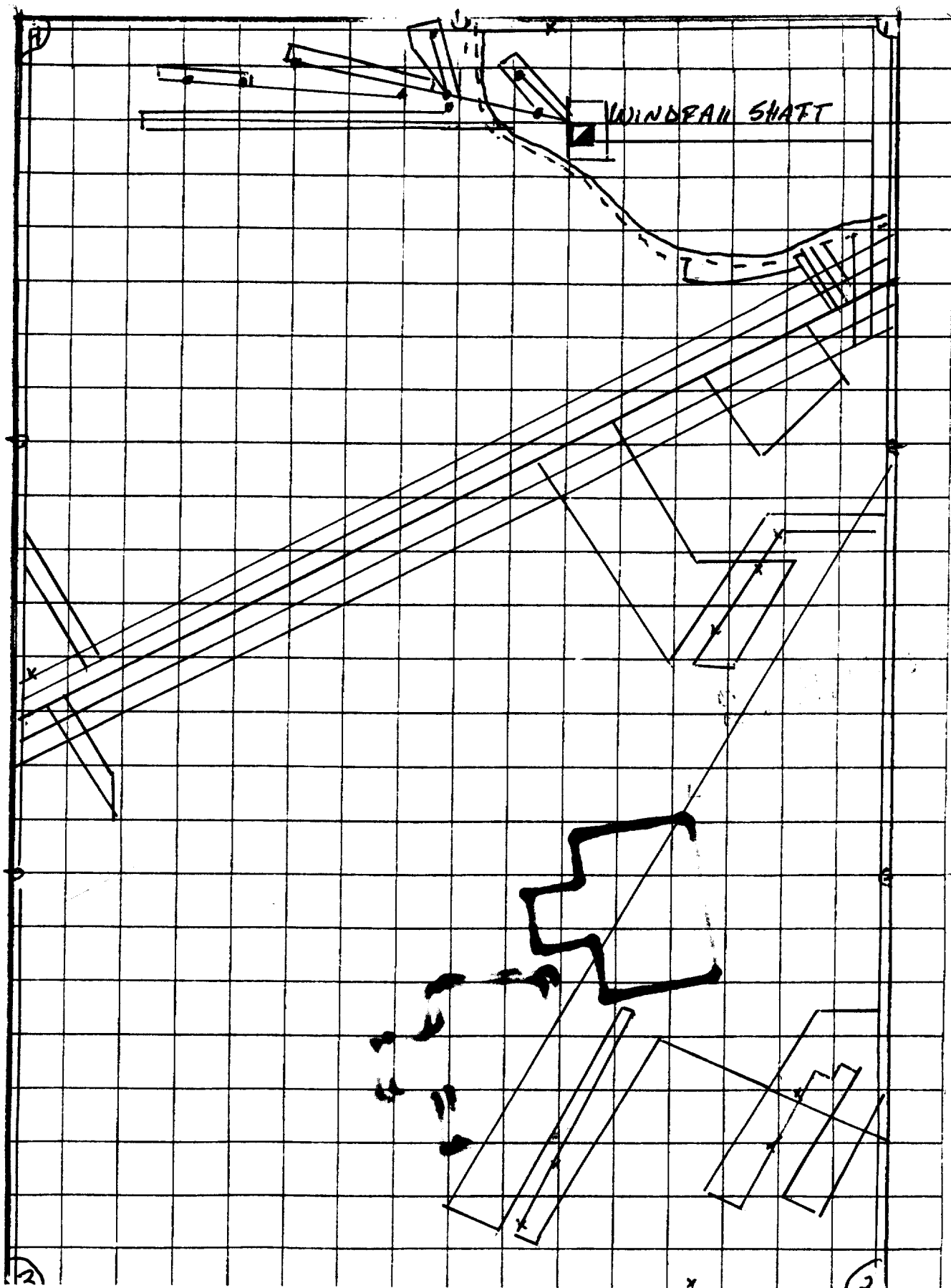
Date	km driven	claim	Description of work
<b>Alex Glatz log:</b>			
'000325	150	1166865	Prospecting along southern claim line, taking 2 samples #27449 274450
'010830	150	1166865	Checking competing claim boundary, see if it overlaps our claim.
'010905	150	1166865	Remarked east and west claimlines
'010906	289	1166865	Searched title status for goldlund and Camreco properties in Kenora Land Title Office
'011004	150	1166865	Prospecting south units of the claim, found 2 outcrops of mafic volcanics at the south-west corner of claim.
'011006	150	1166865	Locating 1988 drill set-ups, took GPS readings.
'011011	150	1166865	Collected 10 strategic soil samples
'011015	218	1166865	took GPS readings to map old drill locations
'011017	0	1166865	Prospected vicinity of Windward shaft, it was filled in hard to find actual opening, 90% of dump rock is mafic and gabbro.
'011018	156	1166865	Helped cut out baseline 800 metres
'011020	0	1166865	Measuring baseline 800 metres
'011022	168	1166865	marked and measured cross line 576 m
'011029	160	1166865	took 6 humus samples, compassed & flagged 2 cross lines
'011030	160	1166865	established 2 crosslines 600 m
'011102	155	1166865	rearch for 1983-84 drill holes, negative results
'011110	150	1166865	check-out old lines on south part of claim
'011112	160	1166865	magnetometer survey over established grid
'011114	160	1166865	magnetometer survey over established grid
'011115	156	1166865	magnetometer survey over established grid and random mag lines along north/south claim line
Tot 2682 km			
<b>Joe Riives's log:</b>			
'010521	150	1166865	cleared road of windfalls, prospecting SW of line post 400S from #1 post
'010522	150	1166865	prospecting and sampling east side of claim
'010713	150	1166865	prospecting and sampling south -east corner of claim
'010905	150	1166865	prospecting and sampling north side of claim (with a. glatz) located DDH set-up south of post #1 (hole # ?)
'010914	150	1166865	blazed line (N-72W) from windfall shaft to locate DDH 88-5. 88-6 and 87-10

011009	150	1166865	blazed line (N-84E) from DDH 88-6 in search of 88-7 + 87-8
011011	150	1166865	located DDH 88-29 and 87-7 and blazed a line to them
011012	150	1166865	Scouting for suitable baseline location
011015	150	1166865	marked out access to DDH 88-8
011018	0	1166865	located and marked DDH 87-9 and started to establish base line
011019	150	1166865	marking base line and prospecting
011020	150	1166865	cutting base line at a bearing of N-64E (with alex glatz)
011022	150	1166865	marked out cross lines 100 & 200 W
011023	150	1166865	marking cross lines north of base line
'011030	0	1166865	beep-mat work on lines 100, 200, 300 W
'011112	150	1166865	beep-mat work on lines 300, 400 W
'011113	150	1166865	marked lines 500, 500 W, located DDH 87-2
'011114	150	1166865	beep-mat work on lines 500, 600 W

claim # 1166865

SCALE - 1:5000

$1^4 = 4/40$

$$1 \text{ cm} = 50 \text{ m}$$


## **Appendix II – Prospecting Expenses**

**Expense Summary****Camreco Gold Project****Alex Glatz**

Date	Invoice#	Supplier	Cost
'011015	3584	Swastika Laboratories, Swastka, Ont.	\$53.29
'011017	I0126055	ALS Chemex Laboratories, N. Vancouver	\$14.12
'011019	I0126054	ALS Chemex Laboratories, N. Vancouver	\$146.38
"011108	3668	Swastika Laboratories, Swastka, Ont.	\$46.01
'011113	I0128057	ALS Chemex Laboratories, N. Vancouver	\$156.22
'011203	3753	Swastika Laboratories, Swastka, Ont.	\$36.92
'011002	13844	Greyhound Courier (chemex)	\$12.57
'011030	18184	Greyhound Courier (swastika)	\$10.33
'011030	18195	Greyhound Courier(chemex)	\$9.99
'011123	21920	Greyhound Courier (swastka	\$10.17
18 mandays a \$150			\$2,700.00
18 lunches a \$15			\$216.00
2594 km transportation by truck	X \$ .30		\$778.50
Cost of recovering reports and maps from consultant			\$300.00
Total Alex Glatz			<b>\$4,490.50</b>

**Joe Riives**

Assays	\$170.00
Gas & oil for ATV + powersaw	\$65.00
Postage & freight	\$31.00
Flagging & hipchain string	\$36.00
18 mandays @ \$150	\$2,700.00
18 bush meals @ \$15	\$270.00
6 trips by truck 900 km X \$.35	\$315.00
Total Joe Riives	<b>\$3,587.00</b>
<b><u>Combined Grand Total:</u></b>	<b><u>\$8,077.50</u></b>

### **Appendix III – Sample Summary**

		Sample Summary		Camreco Gold Property	
		A. Glatz & J Riives			
Sample #	Date	claim #	description of sample	Au ppb	Ag ppb
27449	'010328	1166865	sheared volcanic little sulfide	9	
27450	'010328	1166865	altered silicified mafic	142	
9475	'011001	1166865	grano-diorite py	2429	
9477	'011122	1166865	quartz and sparse py	2229	
9478	'011122	1166865	soil clay	0	
9479	'011122	1166865	mafic volcanic with magnetite	17	
1	'011011	1166865	soil humus over clay	<5	
2	'011011	1166865	soil humus over clay	<5	
3	'011011	1166865	soil humus over clay	<5	
4	'011011	1166865	soil humus over clay	<5	
5	'011011	1166865	soil humus over clay	<5	
6	'011011	1166865	soil humus over clay	<5	
7	'011017	1166865	soil humus over sand	15	
8	'011017	1166865	soil humus over sand clay	<5	
9	'011017	1166865	soil humus over sand clay	<5	
10	'011017	1166865	soil humus over sand	165	
72861	'010726	1166865	porphyry, 1% sulfide	60	
72862	'010726	1166865	grano-diorite carbonate alteration	30	
72865	'010726	1166865	altered mafic volcanic, 1% sulfide	20	
72866	'010726	1166865	sheared basalt, qtz, rusty, 25 py	70	
72867	'010726	1166865	carbonated altered mafic	10	
72868	'010726	1166865	sheared mafic, 1% fine py	10	
72869	'010726	1166865	altered mafic, qtz, rusty, minor py	10	
72870	'010726	1166865	qtz porphyry, qtz, 1% py	10	
72872	'011026	1166865	Gabbro minor sulfides	<5	Pt <5
72873	'011026	1166865	altered intermediate volcanic	<5	
72874	'011026	1166865	gabbro minor sulfides	<5	Pt <5
72875	'011026	1166865		<5	



## **Appendix IV – Assay Certificates**



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate

**1W-1692-RA1**

Company: **J RIIVES**

Date: JUL-26-01

Project:

Attn: J. Riives

We hereby certify the following Assay of 12 Rock samples submitted JUL-23-01 by .

Sample Number	Au g/tonne	Au Check g/tonne	Pt g/tonne	Pd g/tonne
072860	0.02	0.02	0.01	0.01
072861	0.06	-	-	-
072862	0.03	-	-	-
072863	0.02	-	-	-
072864	0.01	-	0.01	0.01
072865	0.02	-	-	-
072866	0.07	-	-	-
072867	0.01	-	-	-
072868	0.01	-	-	-
072869	0.01	-	-	-
072870	0.01	-	-	-
072871	0.03	0.03	<0.005	<0.005

One assay ton used.

Certified by



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-2431-RG1

Company: **J. RIIVES**

Date: OCT-26-01

Project:

Attn:

*We hereby certify* the following Geochemical Analysis of 4 Rock samples submitted OCT-23-01 by .

Sample Number	Au PPB	Pt PPB	Pd PPB	Multi Element
072872	-	<5	<5	to
072873	NIL	-	-	follow
072874	-	<5	<5	-
072875	-	-	-	multi

Certified by



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-2516-RG1

Company: **A. GLATZ**

Project:

Date: NOV-06-01

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 2 Rock samples submitted NOV-01-01 by .

Sample Number	Au PPB	Au Check PPB	Pt PPB	Pd PPB
9475	2429	2398	-	-
9476	17	-	<5	<5

Certified by Ron Benson

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244 Fax (705) 642-3300



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-2755-RG1

Company: **A. GLATZ**

Date: DEC-03-01

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 3 Rock/Humus samples submitted NOV-26-01 by .

Sample Number		Au PPB	Au Check PPB
9477		2229	2297
9478	SOIL	Ni1	-
9479		17	-

2.22921

Certified by Ron P. [Signature]

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0  
Telephone (705) 642-3244 Fax (705) 642-3300



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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

OW-0988-RG1

Company: A. GLATZ

Date: APR-04-00

Project:

Attn: A. Glatz

We hereby certify the following Geochemical Analysis of 2 Rock samples submitted MAR-29-00 by .

Sample Number	Au PPB	Au Check PPB
27449	9	-
27450	142	120

49 — 600' W #2  
50 — 1000' W #1 SHEARED-VOLCANIC  
CLAIM WAS RECORDED MARCH 29-00

4.11

ECHO TWA.  
P. 1166865

One assay ton portion used.

Certified by

# ALS Chemex

**Aurora Laboratory Services Ltd.**

**Analytical Chemists • Geochemists • Registered Assayers**

**5175 Timberlea Blvd.,  
Ontario, Canada**

**Mississauga  
L4W 2S3**

PHONE: 905-624-2806 FAX: 905-624-6163

**To: A. GLATZ PROSPECTING**

15 PARK CR.  
DRYDEN, ON  
P8N 1T7

**Project :**

Comments: ATTN: ALEX GLATZ

Page Number :1

**Total Pages :1**

Certificate Date: 13-NOV-2001

Invoice No. : I0128057

P.O. Number

Account : KCX

## CERTIFICATE OF ANALYSIS

**A0128057**

[illegible]

**CERTIFICATION:** \_\_\_\_\_

**Swastika Laboratories Ltd.**  
 1 Cameron Ave., Swastika, Ontario, P0K 1T0  
 Tel: (705) 642-3244 Fax: (705) 642-3300

Report No : 1W2431 RJ  
 Date : Nov-05-01

ves

on:

at pulp

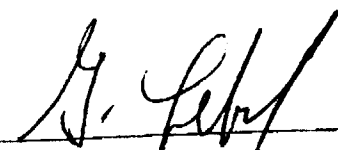
**MULTI-ELEMENT ICP ANALYSIS**  
 Aqua Regia Digestion

Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
<0.2	1.66	<5	80	0.5	<5	0.18	<1	21	341	9	5.36	0.52	0.90	275	2	0.05	26	580	2	5	3	<10	<1	0.09	22	<10	30	65	11

GABBRU - FIRST TRENCH ON B.L.

Up to 100 ppm Cr contamination due to sample grinding.

A 5 gm sample is digested with 5 ml 3:1 HCl/HNO<sub>3</sub>  
 at 95°C for 2 hours and diluted to 25ml with D.I.H<sub>2</sub>O.

Signed: 





Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Geochemical Analysis Certificate

1W-2714-RG1

Date: NOV-28-01

Company: **J.RIVES**

Project:

Attn: **J.Riives**

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted NOV-22-01 by .

Sample Number	Au PPB	Au Check PPB	Multi Element Results to follow	
1 19/11/2001	Nil	-		<p><b>BOULDERS</b></p> <p>LOWER IN CREEK (100'</p> <p>RAMPED Rocks BELOW WASH LOT</p> <p>RESPOND TO BEEP MAT.</p>
2 19/11/2001	5	-		
3 19/11/2001	7	-		
4 19/11/2001	3360	3086		

Certified by

Ron Pernon

## **Appendix V – Sample Location Map**

## Location of

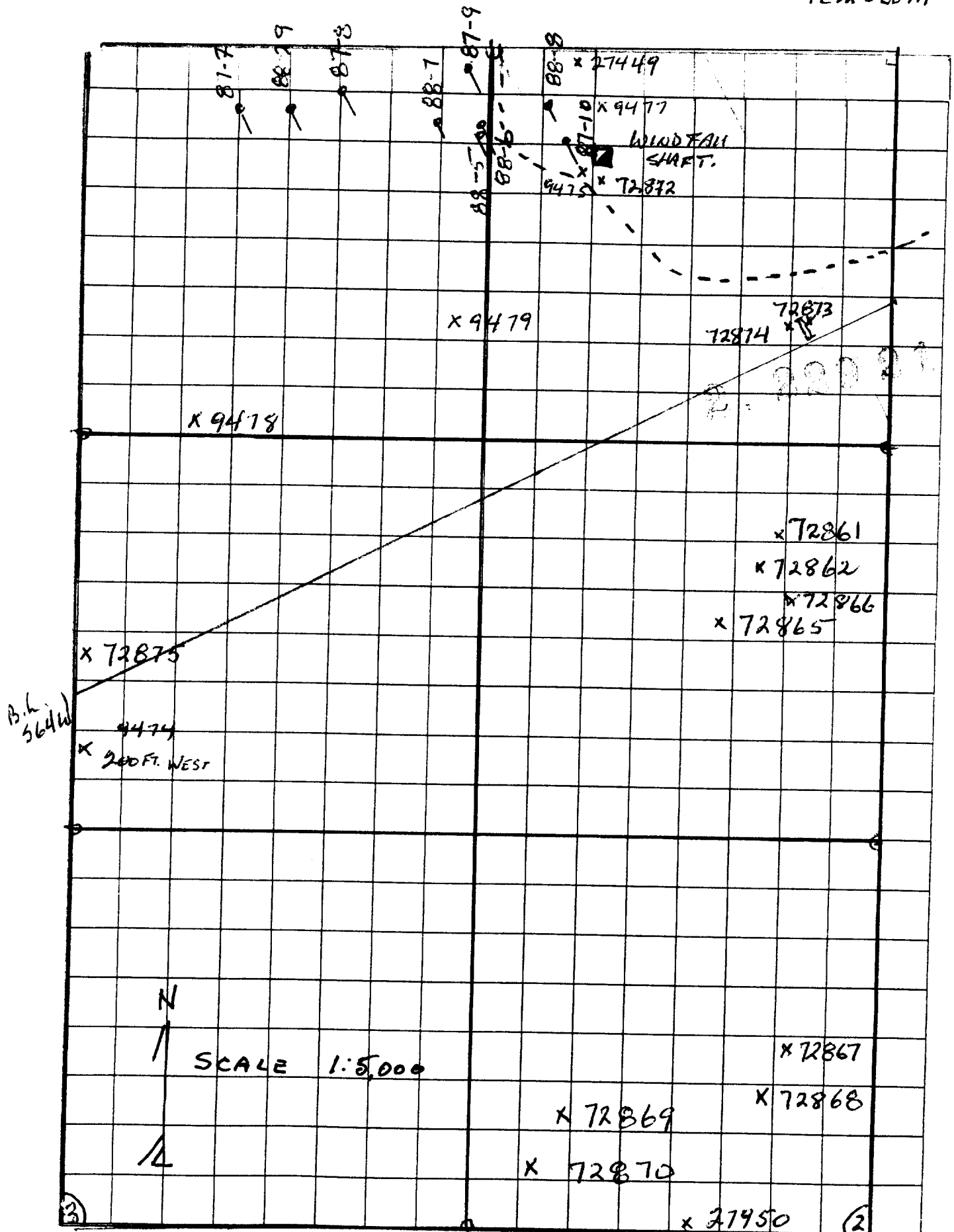
## Humus Sampling Camreco Project

Sample #	Au/ppb	type	Location	
			Latitude	Longitude
1	<5	humus/clay	49°53.48'	92°21.51'
2	<5	humus/clay	49°53.48'	92°21.51'
3	<5	humus/clay	49°53.47'	92°21.47'
4	<5	humus/clay	49°53.46'	92°21.45'
5	<5	humus/clay	49°53.44'	92°21.45'
6	<5	humus/clay	49°53.43'	92°21.43'
7	15	hums/sand	49°53.41'	92°21.40'
8	<5	humus/clay	49°53.40'	92°21.35'
9	<5	humus/clay	49°53.45'	92°21.38'
10	165	hums/sand	49°53.46'	92°21.34'

SAMPLING MAP

CLAIM # 1166865

SCALE — 1:5000  
1" = 440'  
1 cm = 50 m



**Appendix VI – 1987-88 Drill Hole Location Map  
and GPS Coordinates**

**Location of 1987-88 drill holes**

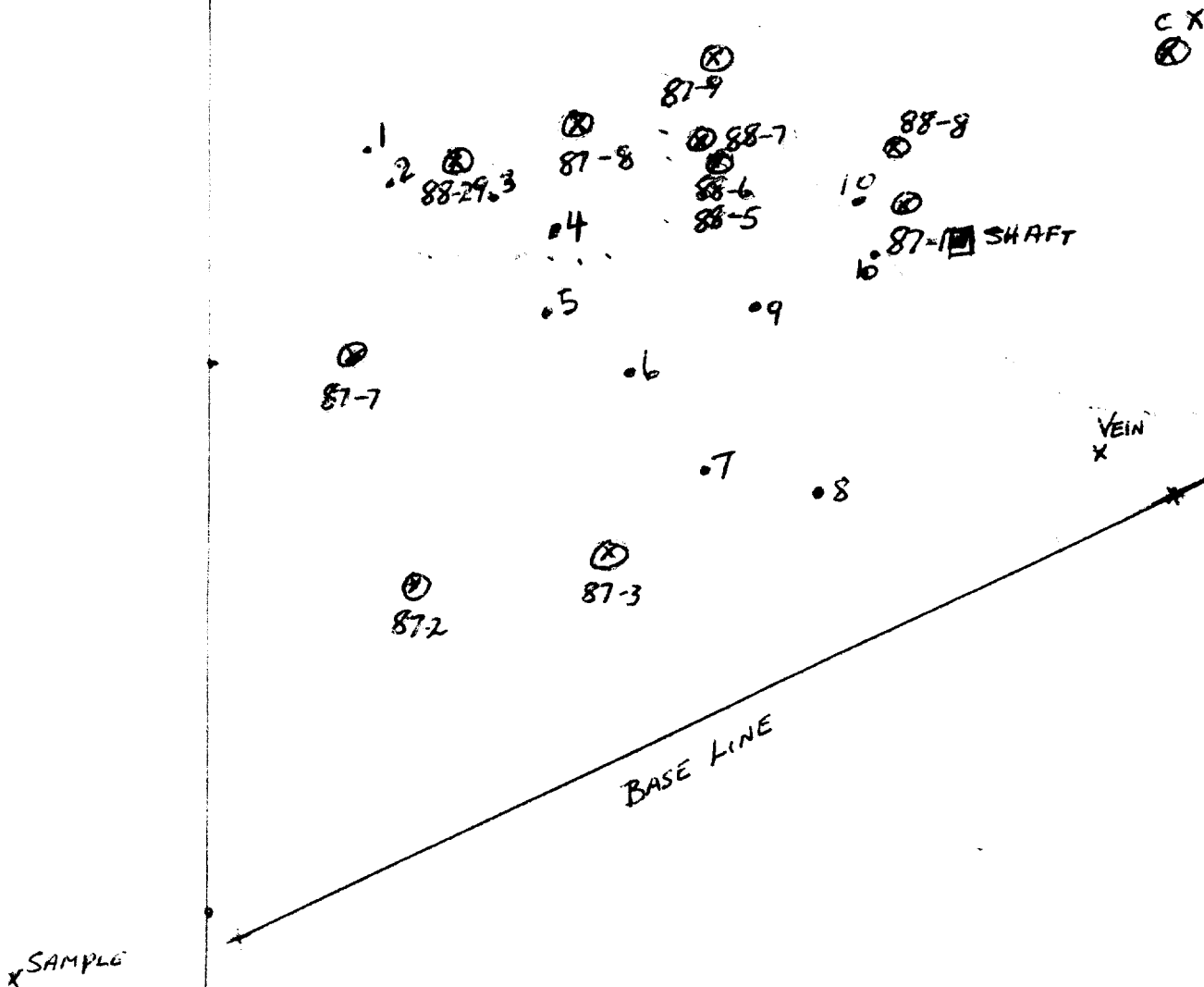
Camreco Gold project

Hole#	Latitude	Longitude
87 - 1	49*53.47'	92*21.32'
87 - 2	49*53.63'	92*21.71'
87 - 3	49*53.65'	92*21.71'
87 - 7	49*53.72'	92*21.86'
87 - 8	49*53.82'	92*21.74'
87 - 9	49*53.84'	92*21.67'
88 - 5	49*53.80'	92*21.65'
88 - 6	49*53.80'	92*21.65'
88 - 7	49*53.80'	92*21.66'
88 - 8	49*53.48'	92*21.33'
88 - 29	49*53.80'	92*21.81'

same set-up as 88-5

#4 Post

CLAIM: 1166865



#3 Post

87-88 DRILL HOLES PLOTTED BY GPS

## **Appendix VII – Magnetic Contour Map**



# MAGNETOMETER SURVEY

NOVEMBER 2001

54063  
58822  
59164

Post 1

Post 3

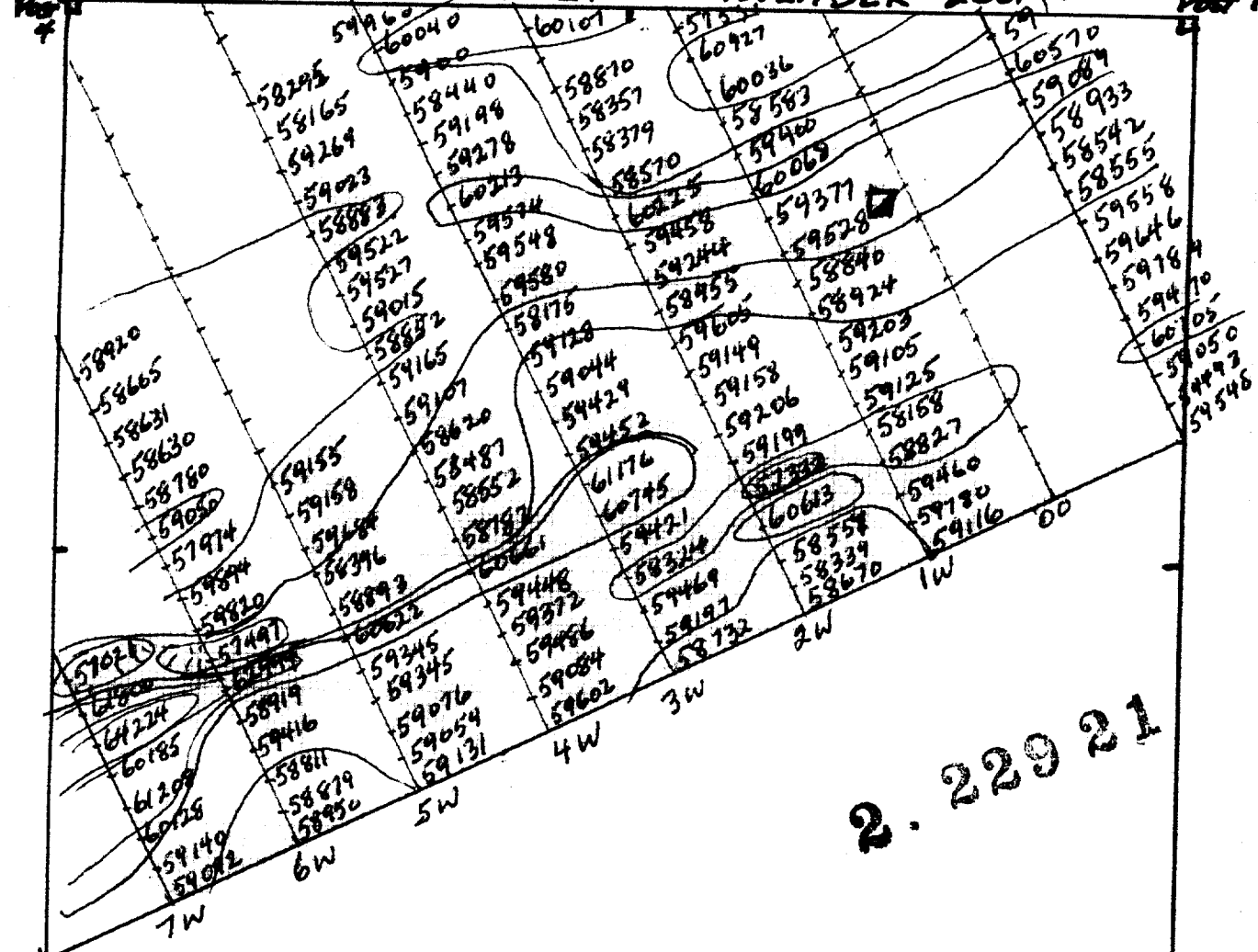
B.L.  
N-64E

2. 229 21

CLAIM: 1166865  
SCALE: 1:5000

N

Post 2



## **Appendix VIII – Geology Map**

GEOLOGY CLAIM 1191762 + 1166865 (SHEET 2 of 2)

Post #4

Post

Post #1

CLAIM # 1166865

POPLAR, FIR

SPRUCE

BLOW-DOWN

MAG

VEIN

MAGNETITE

MAGNETIC  
ATTRACTION

CLAIM 11-1762

#2

Post

Post

1a

1a

1b

1a

7

1a

1a

1a

2

2

TWP LINE

Post 3

Post

Post 2

SCALE: 1:5000

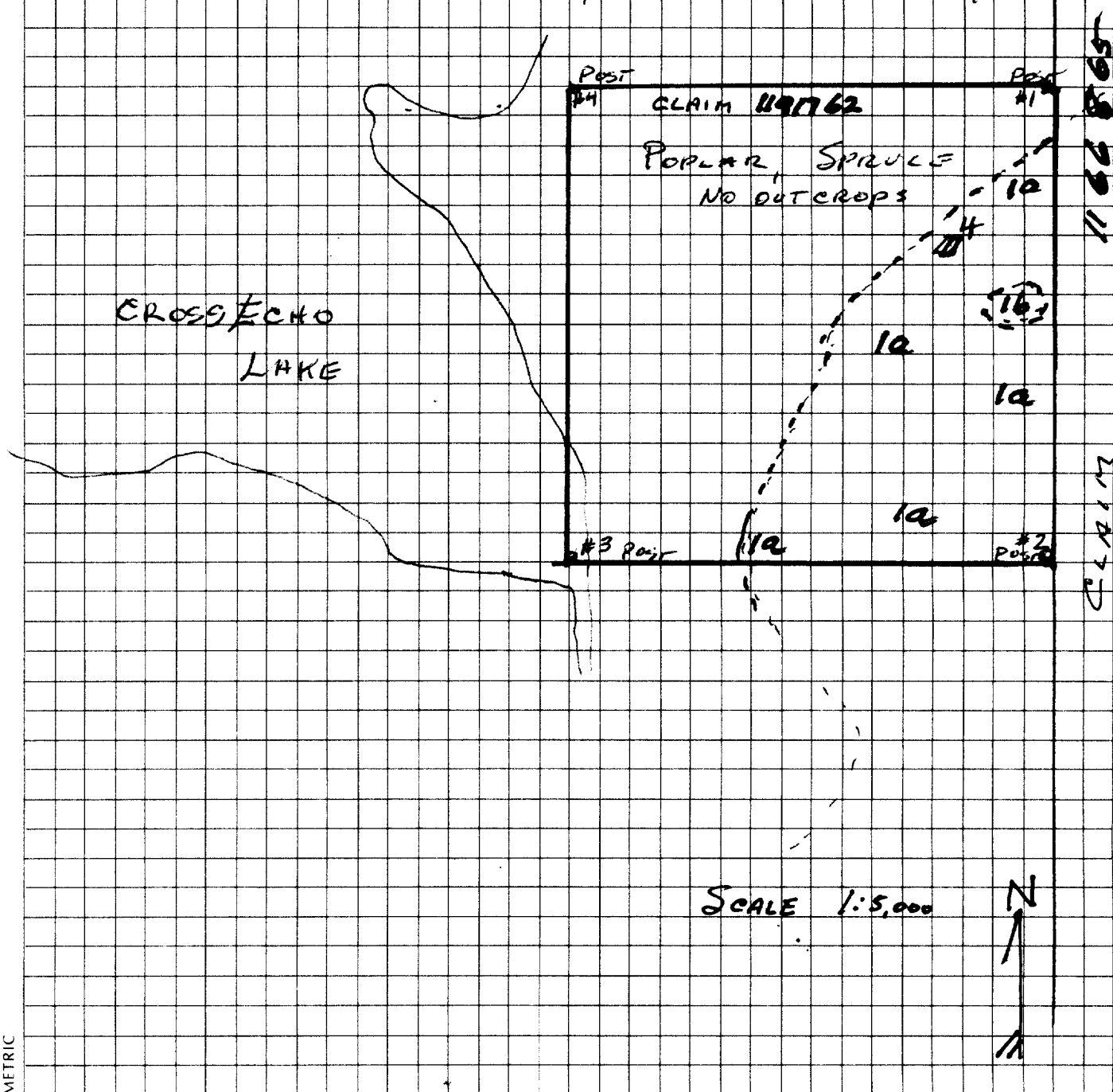


(SHEET 1 OF 2)

# GEOLOGY CLAIM 1191762 + 1166862 →

## LEGEND:

- 1a = MAFIC TO INTERMEDIATE VOLCANICS
- 1b = BASIC PYROCLASTICS + FLOW BRECCIA
- 2 = ACID LAVAS + PYROCLASTICS
- 3 = MAGNETITE BEARING MAFIC VOLCANICS
- 4 = FELSIC INTRUSIVES, GRANODIORITE + QUARTZ PORPHYRY



**Appendix IX – Echo Twp. Claim Map**



## Work Report Summary

Transaction No: W0230.00224

**Status:** APPROVED (D)

Recording Date: 2002-FEB-07

**Work Done from:** 2001-MAY-21

**Approval Date:** 2002-MAY-08

to: 2001-DEC-31

**Client(s):**

137014 GLATZ, ALEXANDER

187550 RIIVES, IVAR JOSEPH

**Survey Type(s):**

## ASSAY

**PROSP**

**Work Report Details:**

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
PA 1166865	\$7,900	\$7,688	\$8,076	\$7,864	\$0	0	\$0	\$0	2005-MAR-29
PA 1191762	\$176	\$176	\$0	\$0	\$176	176	\$0	\$0	2003-NOV-23
	\$8,076	\$7,864	\$8,076	\$7,864	\$176	\$176	\$0	\$0	

**External Credits:** \$0

**Reserve:**

\$0 Reserve of Work Report#: W0230.00224

**\$0 Total Remaining**

**Status of claim is based on information currently on record.**



52F16NW2008 2.22921 ECHO

900

Date: 2002-MAY-15

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

Tel: (888) 415-9845

Fax: (877) 670-1555

ALEXANDER GLATZ  
BOX 1253  
15 PARK CRESCENT  
DRYDEN, ONTARIO  
P8N 1T7 CANADA

**Submission Number: 2.22921**

Dear Sir or Madam

**Subject: Deemed Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s) as per 6(7) of the Assessment Work Regulation. Only eligible assessment work is deemed approved for assessment work credit. The attached Work Report Summary indicates the results of the approval.

NOTE: The report has not been reviewed for technical deficiencies and reported expenses were not evaluated based on the Industry Standard.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

A good prospecting report accompanies this submission.

Regulation 6(7) allows for only eligible assessment work to be deemed approved. Prospecting on May 28, 2000, prior to the recording of claim 1166865, is subject to the requirements of section 8 of the Assessment Work Regulation. The work performed on Crown land must be reported within one year of recording the claim (March 29, 2001).

The assessment credit is being reduced by the one day of prospecting and associated costs \$212. The start date of the work performed for this work report will be changed to May 21, 2001. The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$7,864. The assessment credit will be cut-back and distributed as outlined in Section #6 of the Declaration of Assessment Work form.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by phone at (705) 670-5856.

Yours Sincerely,



Ron Gashinski  
Senior Manager, Mining Lands Section

**Cc: Resident Geologist**

**Assessment File Library**



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines



Alexander Glatz  
(Claim Holder)

Alexander Glatz  
(Assessment Office)

Ivar Joseph Riives  
(Claim Holder)



MINISTRY OF  
NATURAL RESOURCES  
PROVINCIAL MINING  
REGISTRATION OFFICE

# MINING LAND TENURE MAP

Date / Time of Issue Feb 7 2002 12:34h Eastern

TOWNSHIP / AREA PLAN  
ECHO G-3368

ADMINISTRATIVE DISTRICTS / DIVISIONS  
Mining Division Patricia  
Land Titles/Registry Division KENORA  
Ministry of Natural Resources District SIOUX LOOKOUT

## TOPOGRAPHIC

- Water bodies (Lakes, Rivers, Creeks)
- Topography (Contours, Elevation)
- Infrastructure (Roads, Railways, Pipelines)
- Settlements (Villages, Towns)
- Vegetation (Forests, Wetlands)
- Geological Features (Faults, Folds)
- Historical Sites (Ruins, Monuments)
- Other (Power Lines, Communication Lines)

## LAND TENURE

- Freehold Patent (Surface and Mining Rights)
- Leasehold Patent (Surface and Mining Rights)
- License of Occupation (Surface and Mining Rights)
- Mineral Rights (Surface and Mining Rights)
- Water Rights (Surface and Mining Rights)
- Other (Surface and Mining Rights)

## LAND TENURE WITHDRAWALS

- 1924: Areas Withdrawn from Disposition (Mining and other purposes)
- 1924: Areas Withdrawn from Disposition (Mining and other purposes)
- 1924: Areas Withdrawn from Disposition (Mining and other purposes)

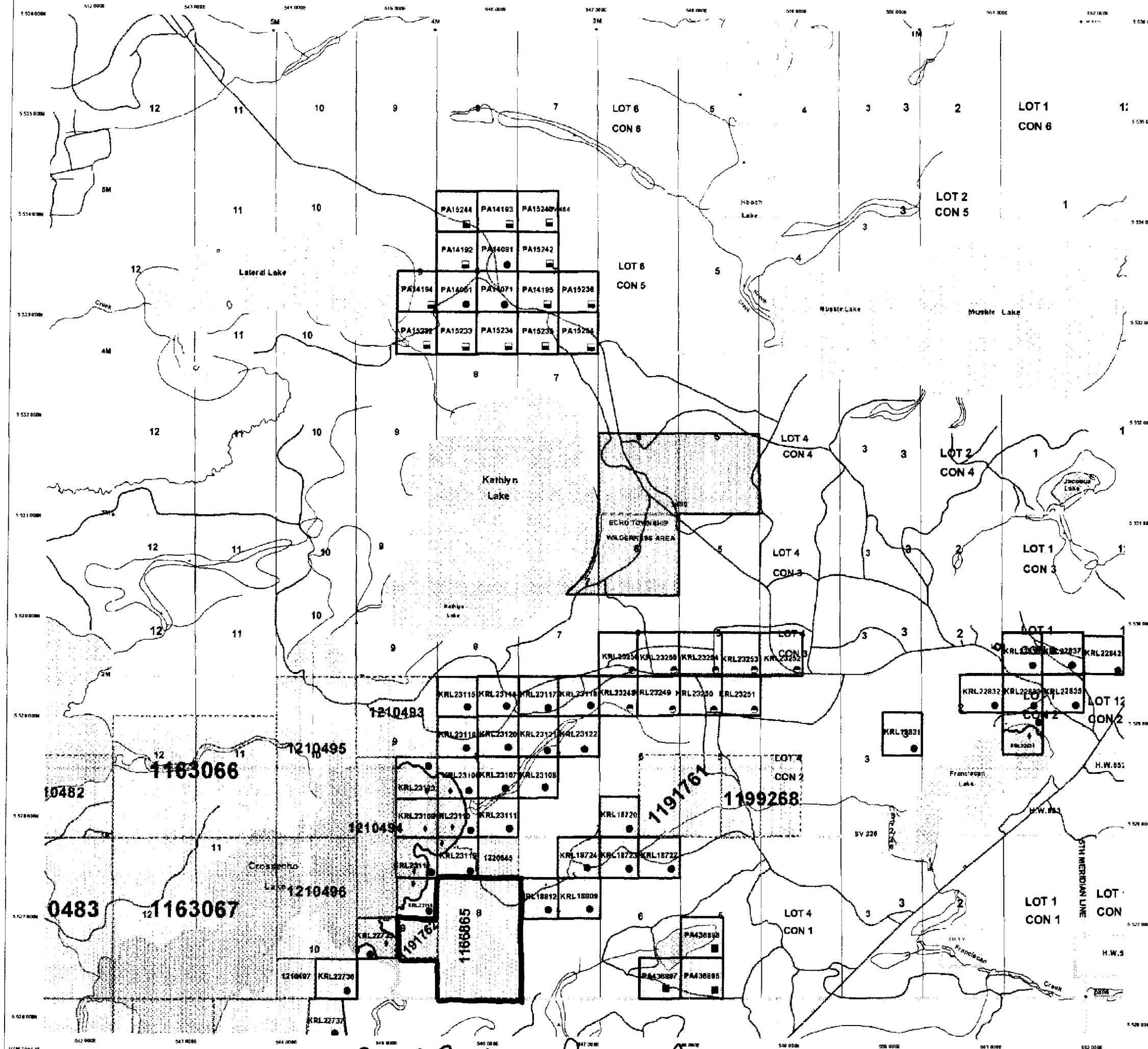
## IMPORTANT NOTICES

## LAND TENURE WITHDRAWAL DESCRIPTIONS

Year	Area	Description
1924	1924	Areas Withdrawn from Disposition (Mining and other purposes)
1924	1924	Areas Withdrawn from Disposition (Mining and other purposes)

## IMPORTANT NOTICES

Areas under which a special regulation, withdrawal or other action is in effect, or which is subject to a special regulation, withdrawal or other action.



2.22.92/ PROSP. ASSESS.

## General Information and Limitations

Contact Information: Provincial Mining Registration Office, 1st Floor, 1000 Main Street, Kenora, ON P7A 1A1. Tel: 1-800-387-3873, Fax: 1-800-387-3874.

Map Data: HAD 82, Projection: UTM (NAD 83), Contour Interval: 10m, Scale: 1:50,000.

This map is a representation of the land tenure and mining rights in the area shown. It is not a guarantee of the accuracy of the information. The user is responsible for verifying the information.

52516W2008 2.22921 ECHO 200