

2001 ASSESSMENT REPORT

DRAGONFLY

Drilling, Rock chip sampling and Petrography Report

ALBERNI MINING DIVISION  
NTS MAP 92E/16E  
Latitude 49 55'0"N Longitude 126 29'00"W

Claim owner and operator  
Lucia Specogna

Report by  
Lucia and Efrem Specogna

September 10, 2001

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

26,647

## TABLE of CONTENTS

- 1) Introduction
- 2) Location and Access
- 3) History
- 4) Work
- 5) Geology
- 6) Figure 1) Location Map
- 7) Figure 2) Claim Map
- 8) FIGURE 3) Regional Geology
- 9) Results
- 10) Statement of Coast
- 11) Statement of Qualification
- 12) Description of Samples
- 13) Assay Certificates
- 14) Rocks Petrographic I.D.
- 15) Showing Map and Sample Location
- 16) Drill logs and results

## 1) Introduction

This report describes the work carried out on the DRAGONFLY GROUP of CLAIMS for the YEARS 2000-2001 situated in the ALBERNI MINING DIVISION.

## 2) Location and Access

The DRAGONFLY is located between the MUCHALAT valley to the North and the NORGATE to the SOUTH.

Access is via Muchalat main Rd. to the North, or via the Conuma main Rd. to the South.  
HISTORY

- 3) The Specognas located massive sulphide float north of Leighton Pk. in 1985 while investigating Paleozoic limestone reported by the C.G.S. . In 1992 the area was staked and optioned to NOREX a NORANDA subsidiary. NORANDA hired AERODAT to do an ELECTROMAGNETIC PROFILE, NOREX carried out mapping, geochem surveys and drilled two D. holes below the falls showing. Later Westmin carried out extensive mapping and geochem surveys, drilled seven D. holes in the Norgate area and left for greener pasture.

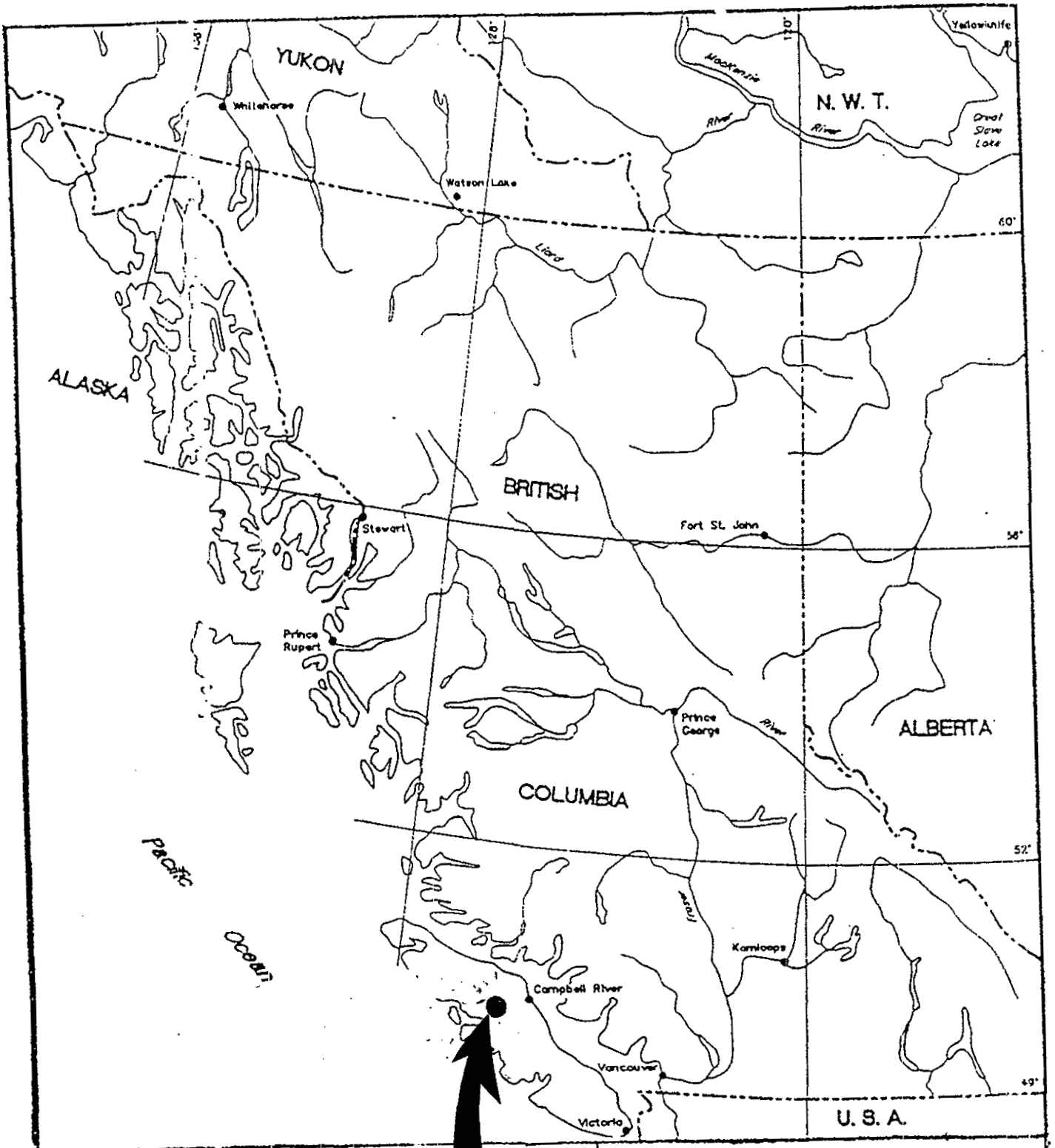
## 4) WORK

Tree Diamond drill holes were drilled to sample an outcrop near a PGE showing. Several rock chip samples were collected and analyzed for PGE, tree rock specimens were submitted for PETROGRAPHIC ID.

## 5) GEOLOGY

Geology for the area is very complex. For the area covered by the DRAGONFLY is well documented by WESTMIN GEOLOGISTS

## 6) RESULTS

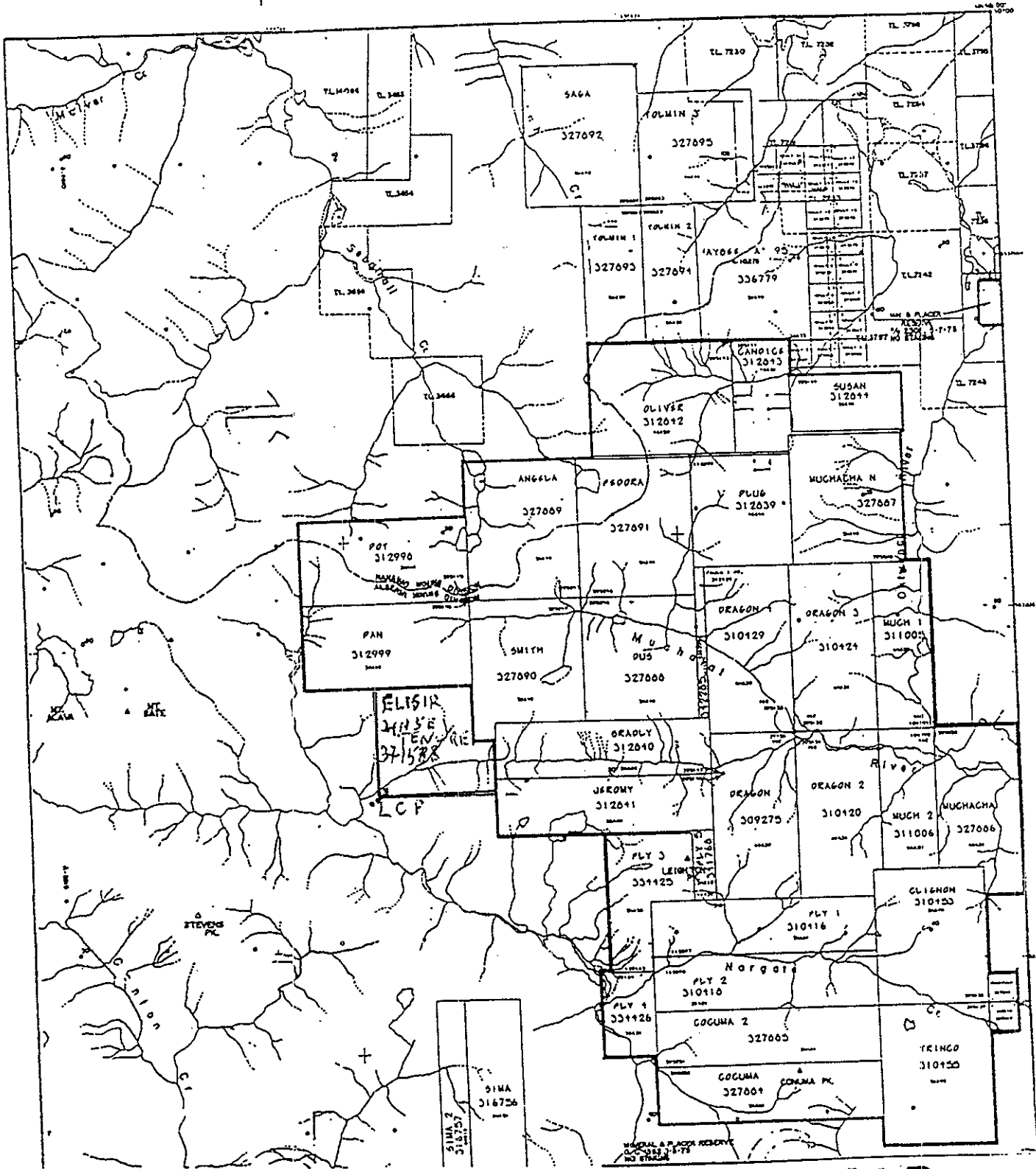


DRAGONFLY

# DRAGONFLY

Location Map

Specogna Fig. 1 Scale 1:7,500,000



# CLAIM MAP 92E/16

# GEOLOGICAL MAP 92E/16

30'

15'

126°00'

RUPERT DISTRICT

50°00'



45'

30'

## 6) RESULTS

Two of the Diamond drill holes drilled reached the target (a contact ~~between~~ metamorphosed mafic and a Gabbro Dike five m. and ten m. north of the showing without encountering any ore. This fact and the fact that PETROGRAPHY shows different mineralogy in each specimen indicate that Ni. Cu. PGE mineralization occurs in CROSS FAULTS from CYPRESS Cr. KUKUTKA showing in the east to the ELIXIR on the West. PETROGRAPHY result of sample R00:12015 (Dragon) indicate that it might be similar to the RHYOLITE that overlay the BATLEZONE at WESTMIN.

STATEMENT of COAST

ASSAYS andPETRPGRAPHS	1.283,69
DRILLING 37m. X\$60-\$2.220.00	2.220.00
ACCOMODATION	676.41
TRUCK RENTAL (Budget)	913.22
COURIER	130.00
FUEL	600.00
THIS REPORT	500.00
TOTAL	----- 6.323.32



STATEMENT of QUALIFICATION

I Efrem Specogna certify that I beenProspecting for over  
thirty years and had mining claims optioned to most  
mayor Canadian Mining Company.

Efrem Specogna

A handwritten signature in cursive script, appearing to read "E. Specogna", written in dark ink.

STATEMENT OF QUALIFICATION

I Lucia Specogna certify that I have been Prospecting  
for over twenty years with knowledgable Prospectors.

*Lucia Specogna*

Lucia Specogna

## SAMPLE DESCRIPTION

DRAG. Ro1:00170, FLOAT NEAR 1992 Ni. Cu. FLOAT, and Westmin Cordierite.

2001-1, 10cent. shear at contact of ~~Metamorphosed~~ mafic and Gabbro dike.

2001-2 Gabbro with Sulphide blebs.

2001-3 Black volcanic with Pyrrhotite.

2001-5 Very Pyritized with quartz near shear.

2001-6 as above west side.

2001-7 as above east side.

2001-8 3m. to the east.

2001-9 5 m. to the east.

2001- 10 15m. to the east.

2001- 11 3m. to the west

2001- 12 Pyritized Gabbro float.

2001- 13 dike on branch 22g; quartz feldspar porphyry, see CHONDRITE

2001-14 white gash vein near showing.

2001-15 quartz veinlets near showing.

2001-16 very fine grained Gabbro withing Gabbro

2001- 17 pyritized mafic east side of Gabbro,

2001- 18 same but with 3 cent. pyrite strigers.

2001- 19 blasted mafic by road builders.

2001- 20 100m, south east, Gabbro

2001- 21 centre of knob? formation (probably spherilitic) seepite.

2001- 22 thin banded at base of large body of Gabbro

2001- 23 50% pyrite 60m. east of PGE showing.



# ALS Chemex

Aurora Laboratory Services Ltd.  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: SPECOGNA, EFREM

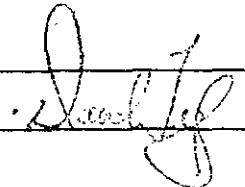
1704 CENTENARY  
 NANAIMO, BC  
 V9R 5K1

Project :  
 Comments: ATTN: EFREM SPECOGNA

Page Number :1-A  
 Total Pages :1  
 Certificate Date: 21-NOV-2000  
 Invoice No. :I0033446  
 P.O. Number :  
 Account :PEO

**CERTIFICATE OF ANALYSIS** **A0033446**

SAMPLE	PREP CODE		Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	Mg	Mn
			ppb ICP	ppb ICP	ppb ICP	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	%	ppm
DRAG	208	226	308	320	3240	3	2.53	30	< 20	< 5	< 10	0.09	< 5	940	60	1155	>30.0	< 10	0.12	1.53	630
ELS	208	226	136	330	1845	3	2.65	< 10	< 20	< 5	< 10	0.09	< 5	730	310	2230	>30.0	< 10	0.06	1.51	710

CERTIFICATION: 



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Page Number :1-B  
 Total Pages :1  
 Certificate Date: 21-NOV-2000  
 Invoice No. :10033446  
 P.O. Number :  
 Account :PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

<b>CERTIFICATE OF ANALYSIS</b>	<b>A0033446</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
DRAG	208 226	35	0.03	2690	400	15	10	< 5	10	0.06	< 20	< 20	160	< 20	70
ELS	208 226	40	0.03	2920	400	15	< 10	< 5	15	0.04	< 20	< 20	120	< 20	95

CERTIFICATION: .



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1704 CENTENARY  
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Page Number :1-A  
 Total Pages :1  
 Certificate Date: 07-DEC-2000  
 Invoice No. :10035081  
 P.O. Number :  
 Account :PEO

Project :

Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS

## A0035081

SAMPLE	PREP CODE	Au g/t	Pt g/t	Pd g/t	Rh g/t	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm
DRAG	244 200	0.21	0.28	2.66	0.09	62.5	5.0	0.5	940	1200	0.7	0.4	0.1	0.7	8
ELG	244 200	0.06	0.28	1.40	0.09	19.0	673	0.3	730	2200	15.7	9.2	3.1	17.7	9

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 Total Pages :1  
 Certificate Date: 07-DEC-2000  
 Invoice No. :10035081  
 P.O. Number :  
 Account :PEO

Project :  
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## CERTIFICATE OF ANALYSIS A0035081

SAMPLE	PREP CODE	Hf ppm	Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm	Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm
DRAG	244 200	< 1	0.1	2.0	< 5	< 0.1	3.0	2700	1	0.7	11.0	1.1	6	13.3	< 0.5
ELS	244 200	< 1	2.9	371	< 5	1.8	178.5	3000	1	61.5	5.0	23.8	< 1	18.9	< 0.5

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Page Number : 1-C  
 Total Pages : 1  
 Certificate Date: 07-DEC-2000  
 Invoice No. : I0035081  
 P.O. Number :  
 Account : PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS

### A0035081

SAMPLE	PREP CODE	Tb ppm	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm		
DRAG	244 200	0.1	< 0.5	< 1	< 0.1	1	1	< 0.5	180	0.4	4.5	95	14.0		
ELS	244 200	2.7	< 0.5	39	1.6	3	1	3.0	120	12.1	55.5	135	12.5		

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Project :  
 Comments: ATTN: EFREM SPECOGNA

Page Number :1-A  
 Total Pages :1  
 Certificate Date: 16-JAN-2001  
 Invoice No. : I0110050  
 P.O. Number :  
 Account : PEO

## CERTIFICATE OF ANALYSIS A0110050

SAMPLE	PREP CODE		Au ppb ICP	Pt ppb ICP	Pd ppb ICP	Ba ppm	Ce ppm	Cs ppm	Co ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ga ppm	Hf ppm
CORD NEN	205	226	< 2	5	4	219	23.0	2.1	21.5	85	4.5	2.7	1.9	4.8	18	2
	205	226	4	< 5	20	203	23.0	0.4	29.5	1735	5.3	2.9	1.6	5.6	19	4

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Project :

Comments: ATTN: EFREM SPECOGNA

Page Number :1-B  
 Total Pages :1  
 Certificate Date: 16-JAN-2001  
 Invoice No. :10110050  
 P.O. Number :  
 Account :PEO

## CERTIFICATE OF ANALYSIS

### A0110050

SAMPLE	PREP CODE		Ho ppm	La ppm	Pb ppm	Lu ppm	Nd ppm	Ni ppm	Nb ppm	Pr ppm	Rb ppm	Sm ppm	Ag ppm	Sr ppm	Ta ppm	Tb ppm
CORD	205	226	1.0	8.5	45	0.4	13.5	40	3	2.9	42.4	3.8	3	215	0.5	0.7
NET	205	226	1.1	11.0	15	0.4	17.5	60	12	3.5	47.4	4.9	1	271	1.0	0.9

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Page Number : 1-C  
 Total Pages : 1  
 Certificate Date: 16-JAN-2001  
 Invoice No. : 10110050  
 P.O. Number :  
 Account : PEO

## CERTIFICATE OF ANALYSIS A0110050

SAMPLE	PREP CODE	Tl ppm	Th ppm	Tm ppm	Sn ppm	W ppm	U ppm	V ppm	Yb ppm	Y ppm	Zn ppm	Zr ppm			
CORD NET	205 226	< 0.5	1	0.4	1	3	0.5	245	2.9	28.0	125	67.0			
	205 226	< 0.5	2	0.4	1	3	0.5	295	2.6	29.0	135	121.5			

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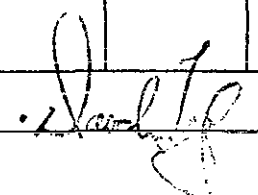
Page Number :1  
 Total Pages :1  
 Certificate Date: 14-FEB-2001  
 Invoice No. :10111608  
 P.O. Number :  
 Account :PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS

### A0111608

SAMPLE	PREP CODE	Au ppb ICP	Pt ppb ICP	Pd ppb ICP							
2001-1	205 226	24	315	1750							
2001-2	205 226	34	< 5	8							
2001-3	205 226	32	< 10	< 4							
2001-4	205 226	2	85	426							

CERTIFICATION:  +



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Page Number :1  
 Total Pages :1  
 Certificate Date: 05-MAR-2001  
 Invoice No. : I0112714  
 P.O. Number :  
 Account : PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS

### A0112714

SAMPLE	PREP CODE	Au ppb ICP	Pt ppb ICP	Pd ppb ICP							
01-5	205 226	598	160	678							
01-6	205 226	66	90	208							
01-7	205 226	6	30	90							
01-8	205 226	< 2	25	30							
01-9	205 226	< 2	15	44							
01-10	205 226	2	< 5	< 2							
01-11	205 226	2	< 5	< 2							
01-12	205 226	2	25	56							

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Project :  
 Comments: ATTN: EFREM SPECOGNA

Page Number :1-A  
 Total Pages :1  
 Certificate Date: 06-APR-2001  
 Invoice No. : I0114394  
 P.O. Number :  
 Account : PEO

## CERTIFICATE OF ANALYSIS

A0114394

SAMPLE	PREP CODE		Au	Pt	Pd	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb	Th	Tm	U	Y
			ppb ICP	ppb ICP	ppb ICP	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2001-13	205	226	4	< 5	< 2	15.0	2.0	1.3	0.7	1.9	0.5	7.5	0.1	8.0	2.0	1.8	0.3	< 1	0.1	0.5	12.0
2001-14	205	226	< 2	< 5	14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-15	205	226	28	10	26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-16	205	226	66	65	212	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-17	205	226	< 2	< 5	6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-18	205	226	12	< 5	10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION:

*Laurence Tg*



# ALS Chemex

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Page Number :1-B  
 Total Pages :1  
 Certificate Date: 06-APR-2001  
 Invoice No. : I0114394  
 P.O. Number :  
 Account : PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS A0114394

SAMPLE	PREP CODE	Yb ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
2001-13	205 226	1.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-14	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-15	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-16	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-17	205 226	-----	0.8	2.28	2	< 10	40	< 0.5	< 2	0.17	< 0.5	21	16	517	7.87	< 10	< 1	0.46	< 10	1.33
2001-18	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: *James G. [Signature]*



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To: SPECOGNA, EFREM  
 1704 CENTENNARY DR.  
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 V9X 1A3

Page Number :1-C  
 Total Pages :1  
 Certificate Date: 08-APR-2001  
 Invoice No. :10114394  
 P.O. Number :  
 Account :PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

## CERTIFICATE OF ANALYSIS A0114394

SAMPLE	PREP CODE		Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	
			ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
2001-13	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-14	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-15	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-16	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2001-17	205	226	480	5	0.01	47	710	12	4.10	< 2	1	4	< 0.01	< 10	< 10	31	< 10	64	
2001-18	205	226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION:





## ALS Chemex

Prepared for:

**Specogna, Efram**

### REE Chondrite Normalization Plots

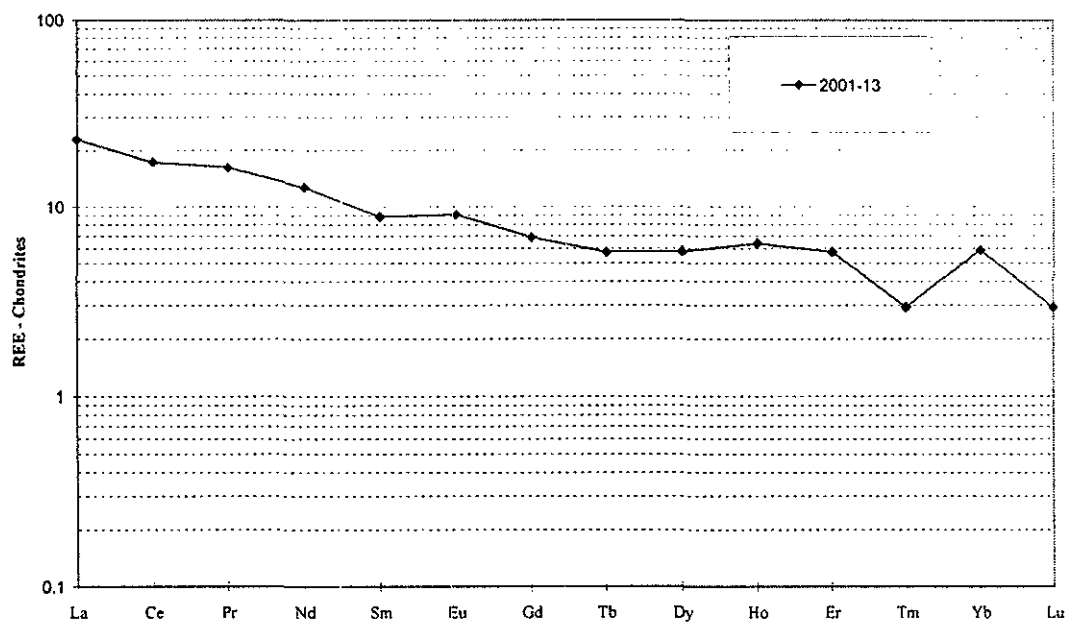
Rare Earth Element (REE) concentration data is typically ratioed against a standard set, which is representative of the concentrations of the rare earth elements found in chondritic meteorites. This allows easier interpretation of the data by smoothing out fluctuations due to natural abundance variations and exposing those anomalies due to geological processes. The Chondrite reference values used in these plots are listed in the table below (based on N. Nakamura (1974) in *Geochimica et Cosmochimica Acta*, Volume 38, p. 757-775).

### Chondrite Plot Reference Values

Element	Chondrite Concentration (ppm)
La	0.328
Ce	0.865
Pr	0.123
Nd	0.630
Sm	0.203
Eu	0.077
Gd	0.276
Tb	0.052
Dy	0.343
Ho	0.078
Er	0.225
Tm	0.034
Yb	0.220
Lu	0.034



**Specogna, Efrem (PEO)  
REE Chondrites Normalization Plot - A0114394**



Please Note that Element Concentrations Less than the detection limit are not plotted on these graphs.



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Page Number :1  
 Total Pages :1  
 Certificate Date: 14-MAY-2001  
 Invoice No. : I0116430  
 P.O. Number :  
 Account :PEO

Project :  
 Comments: ATTN: EFREM SPECOGNA

**CERTIFICATE OF ANALYSIS** **A0116430**

SAMPLE	PREP CODE	Au ppb ICP-MS	Pt ppb ICP-MS	Pd ppb ICP-MS						
2001-19	205 226	310	80.5	230						
2001-20	205 226	6	2.5	6						
2001-21	205 226	8	0.5	1						
2001-22	205 226	4	1.0	1						
2001-23	205 226	6	2.5	3						

CERTIFICATION:         *David Loh*

**SAMPLE R01:01170 (Drag).**

The rock is a chlorite-quartz schist. The chlorite occurs in grains of 0.5 – 1.0 mm in length and are highly oriented (foliated). The chlorite is as a result of alteration of biotite. Some vestiges of biotite remain. Quartz grains are generally equant in form with some modest orientation. They range up to grains of 1.0 – 1.5 mm.

Sulfides in aggregates of several mm's are somewhat elongate in specific bands and are dominated by pyrite with some pyrrhotite. The sulfides account for approximately 35% of the section.

As only a thin section was prepared the exact nature of all sulfides/opaque is not known.

A pyrite bearing, quartz-chlorite schist.

---

The second section was prepared as a polished thin section and it is numbered **R01:1599 (Drag)** is a fine grained felted rock composed of fine somewhat fibrous amphibole in the 0.5 mm size. The amphibole is altering to chlorite. The rock also contains masses and patches of saussuritized feldspar. Some quartz-chlorite veining and patches are developed. In reflected light the rock is seen to contain a few percent opaques (2 - 3%). Most is pyrite in crystals of 0.5 mm and aggregates of 1 – 2 mm. Included in the pyrite are rounded bleb like grains of chalcopyrite. Some small, 0.1 mm sized grains and aggregates of chalcopyrite are present in the gangue. Minute amounts of pyrrhotite are seen as inclusions in pyrite. A few small grains/granules of ilmenite are also present throughout the rock.

The rock is an altered amphibolite or feldspar-amphibole gabbro.

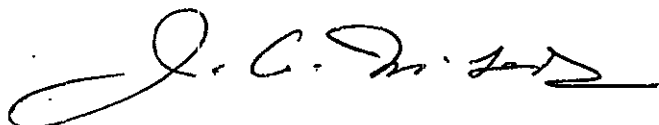
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**SAMPLE R00:12015 (Dragon).**

Phenocrysts and microphenocrysts of plagioclase in the 1 – 3 mm size range are composed of plagioclase feldspars. They tend to be lath shaped. Also, phenocrysts of quartz of the same size are equant in outline. These crystals are set in a matrix of extremely fine grained sutured silicates (quartz and potash? feldspar) that demonstrate some flow like textures as demonstrated by semi-continuous trails of green-brown biotite.

The rock is a flowed quartz-feldspar microporphyry of rhyolitic to dacitic composition.

Yours truly,

A handwritten signature in black ink, appearing to read 'J.A. McLeod', with a large, sweeping flourish at the end.

J.A. McLeod, M.A.Sc., P.Eng.  
Manager, Exploration Technical Services  
E.R.L.

JAM/skw

DRILL LOG

PROJECT DRAGONFLY	GROUND ELEV. 400m.
HOLE NO. DRF-1-	BEARING 10°
LOCATION UTM - 691880E / 5525280	DIP 70°
LOGGED BY E. SPECOGNA	TOTAL LENGTH (40.85') 13m.
DATE JUNE 6-01	HORIZONTAL PROJECT (18') .4m
CONTRACTOR SPECOGNA MINERALS CORP	VERTICAL PROJECT (55') 18m.
CORE SIZE 1EW	ALTERATION SCALE 0 1 2 3 absent slight moderate (intense)
DATE STARTED JUNE 3-01	TOTAL SULPHIDE SCALE 0 1 2 3 4 traces only < 1% (1% - 3%) 3% - 10% > 10%
DATE COMPLETED JUNE 5	
DIP TESTS N	
COMMENTS GROUND VERY BROKEN PAST (39') 11m.	LEGEND

PAGE 1 of 1

PROJECT DRAGONFLY

DRF-1

MINERALIZATION  
DESCRIPTION

SAMPLES

FROM

TO

WIDTH

SAMPLE  
NUMBER

Au.

Pt.

Pd.

0 To 5m SILICIFIED

MAFIC VERY HARD

BROWN COLOR

5m. To 6 MANY VEILS

6 To 10m. LIGHT

COLORED MAFIC

LOOK SAME AS SPECIMEN

ROI: 1599 (DRAG)

WITHOUT THE FELTED  
ALTERATION

10m To 11-3 SMALL VOIDS

10m

10.10

10 cents

FLY 1

0.06



0.04

0.05

11 TO 13 SEVERELY

BROKEN

DRILL LOG

PROJECT DRAGONFLY	GROUND ELEV. 400m
HOLE NO. DRF-2-	BEARING 360°
LOCATION UTM - 691880 E / 5525280	DIP 55°
LOGGED BY E-SPECOGNA	TOTAL LENGTH (38.6) 12m
DATE June 12-01	HORIZONTAL PROJECT (10°) 3m
CONTRACTOR SPECOGNA MINERALS CORP	VERTICAL PROJECT (38) 12m.
CORE SIZE 1EW	ALTERATION SCALE  <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>(intense)</li> </ul>
DATE STARTED June 10-01	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>(1% - 3%)</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>
DATE COMPLETED June 10-01	
DIP TESTS N	
COMMENTS Reached Target	LEGEND





DRILL LOG

PROJECT

DRAGONFLY

GROUND ELEV.

400m

HOLE NO.

DRF-3-

BEARING

30° 1000'000

LOCATION

UTM - 691880E / 552528E

DIP

60°

TOTAL LENGTH

(381) 12m

LOGGED BY

E. SPECOGNA

HORIZONTAL PROJECT

3m

DATE

June 12 - 01

VERTICAL PROJECT

(381) 12m

CONTRACTOR

SPECOGNA MINERALS COPP

ALTERATION SCALE



absent

slight

moderate

(intense)

CORE SIZE

1EW

DATE STARTED

June 11 - 01

DATE COMPLETED

TOTAL SULPHIDE SCALE



traces only

< 1%

(1% - 3%)

3% - 10%

> 10%

DIP TESTS

N

COMMENTS

Reached Target

LEGEND

PAGE 1 OF 1	PROJECT DRAGONFLY							DR
MINERALIZATION DESCRIPTION	SAMPLES							
	FROM	TO	WIDT	SAMPLE NUMBER	g. Au	g. Pt	g. Pd	
0 TO 5 HARD SILICIFIED DIAFIC								
5 TO 6 VEINING quartz								
w/ EPIDOTE PYRITIZED	5m	6m	1m	FLY 6	g.01	g.01	g.01	
6 TO 7 AS ABOVE	6m	7m	1m	FLY 9	g.01	g.01	g.01	
7 TO 8 AS ABOVE	7m	8m	1m	FLY 3	.01	.01	.01	
8 TO 10 AS ABOVE	8m	10m	2m	FLY 5	.01	.01	.01	
FROM 6m TO 10m								
Rock LOOKS LIKE								
SAMPLE R01:1599								
WITHOUT THE FELTED ALTERATION								
10 TO 12 GABBRO	10m	12m	2m	FLY 10	.01	.01	.01	



INTERNATIONAL PLASMA LABORATORY LTD.

**\*\* CASH SALE \*\*\***

Project : None Given  
Shipper : Efren Specogna  
Shipment: PO#:  
Analysis:  
Au/Pd/Pt(FA/AAS 30g)/mt

Comment:

**Document Distribution**

1 \*\* CASH SALE \*\*\*  
1704 Centenary Drive  
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Att: Efren Specogna  
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1 2 1 2 1  
DL 3D EM BT BL  
0 0 0 0 0  
Ph: (250)753-7819  
Fx: (250)753-7819

**CERTIFICATE OF ANALYSIS**  
**iPL 01F0572**



2000 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898  
Email ipl@direct.ca  
[057213:50:01:10061101]

**10 Samples**

Out: Jun 11, 2001 In: Jun 08, 2001

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT		
B222	10	RC Cutti	Crush, split & pulverize	12M/Dis	03M/Dis		
<b>Analytical Summary</b>							
##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	9999.00
02	0341	FA/AAS	g/mt	Pd FA/AAS finish g/mt	Palladium	0.01	9999.00
03	0331	FA/AAS	g/mt	Pt FA/AAS finish in g/mt	Platinum	0.01	9999.00

NS=No Sample Rep=Replicate M=Month Dis=Discard

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 1=Copy 2=Invoice 0=3/4 Disk

DL=Download 3D=3 1/2 Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C032032

\* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu



INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 01F0572



2030 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898  
Email ipl@direct.ca

Client: \*\* CASH SALE \*\*\*  
Project: None Given

10 Samples  
10=RC Cutting

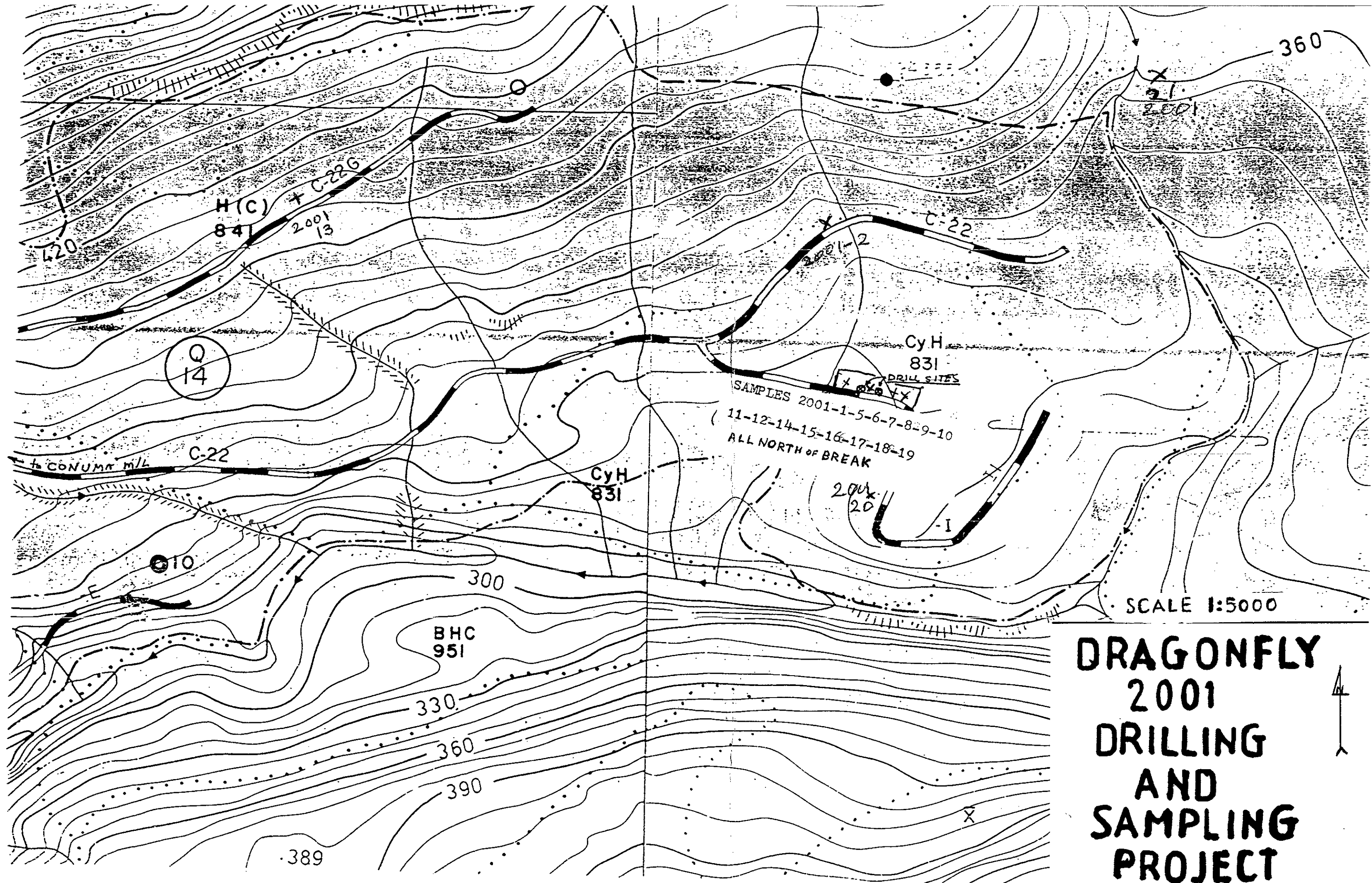
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Out: Jun 11, 2001  
In : Jun 08, 2001

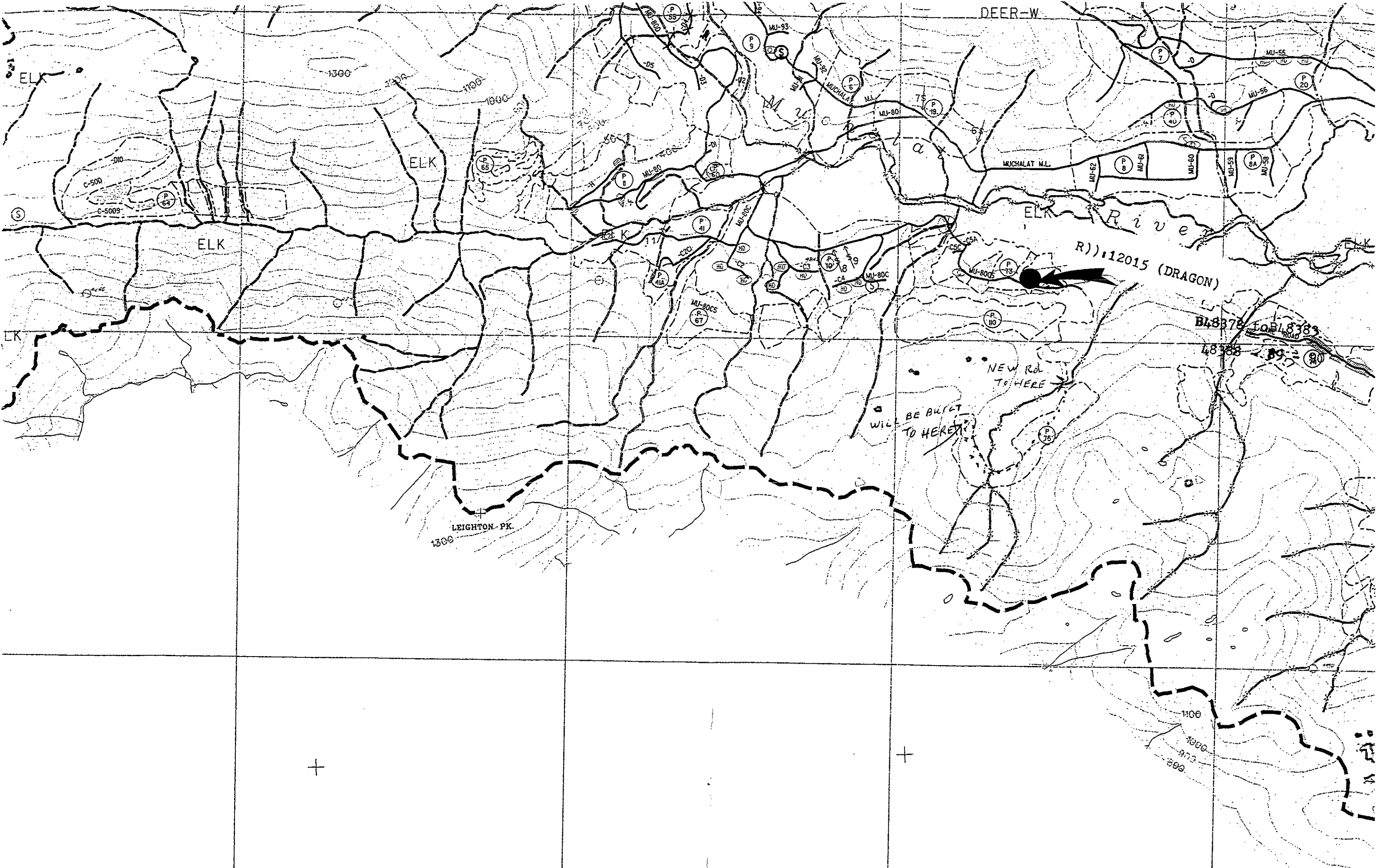
Page 1 of 1  
Section 1 of 1

Sample Name	Type	Au g/mt	Pd g/mt	Pt g/mt
FLY 1	RC Cutting	0.06	0.04	0.05
FLY 2	RC Cutting	0.05	0.03	0.02
FLY 3	RC Cutting	<0.01	0.01	<0.01
FLY 4	RC Cutting	<0.01	<0.01	<0.01
FLY 5	RC Cutting	<0.01	<0.01	<0.01
FLY 6	RC Cutting	<0.01	<0.01	<0.01
FLY 7	RC Cutting	<0.01	<0.01	<0.01
FLY 8	RC Cutting	<0.01	<0.01	<0.01
FLY 9	RC Cutting	<0.01	<0.01	<0.01
FLY 10	RC Cutting	<0.01	<0.01	<0.01

Minimum Detection            0.01    0.01    0.01  
Maximum Detection            9999.00 9999.00 9999.00  
Method                        FA/AAS    FA/AAS    FA/AAS  
—=No Test    Ins=Insufficient Sample    Del=Delay    Max=No Estimate    Rec=ReCheck    m=x1000    %=Estimate %    NS=No Sample



# DRAGONFLY 2001 DRILLING AND SAMPLING PROJECT



DEER-W

ELK

ELK

ELK

ELK

Elk River

R) 12015 (DRAGON)

BL 8378 to BL 8383

48388 89 = 90

LEIGHTON PK.  
1300

WILL BE BUILT TO HERE

NEW RD TO HERE

1100

1000

900

1000

900

800

690000 E  
5528500 N

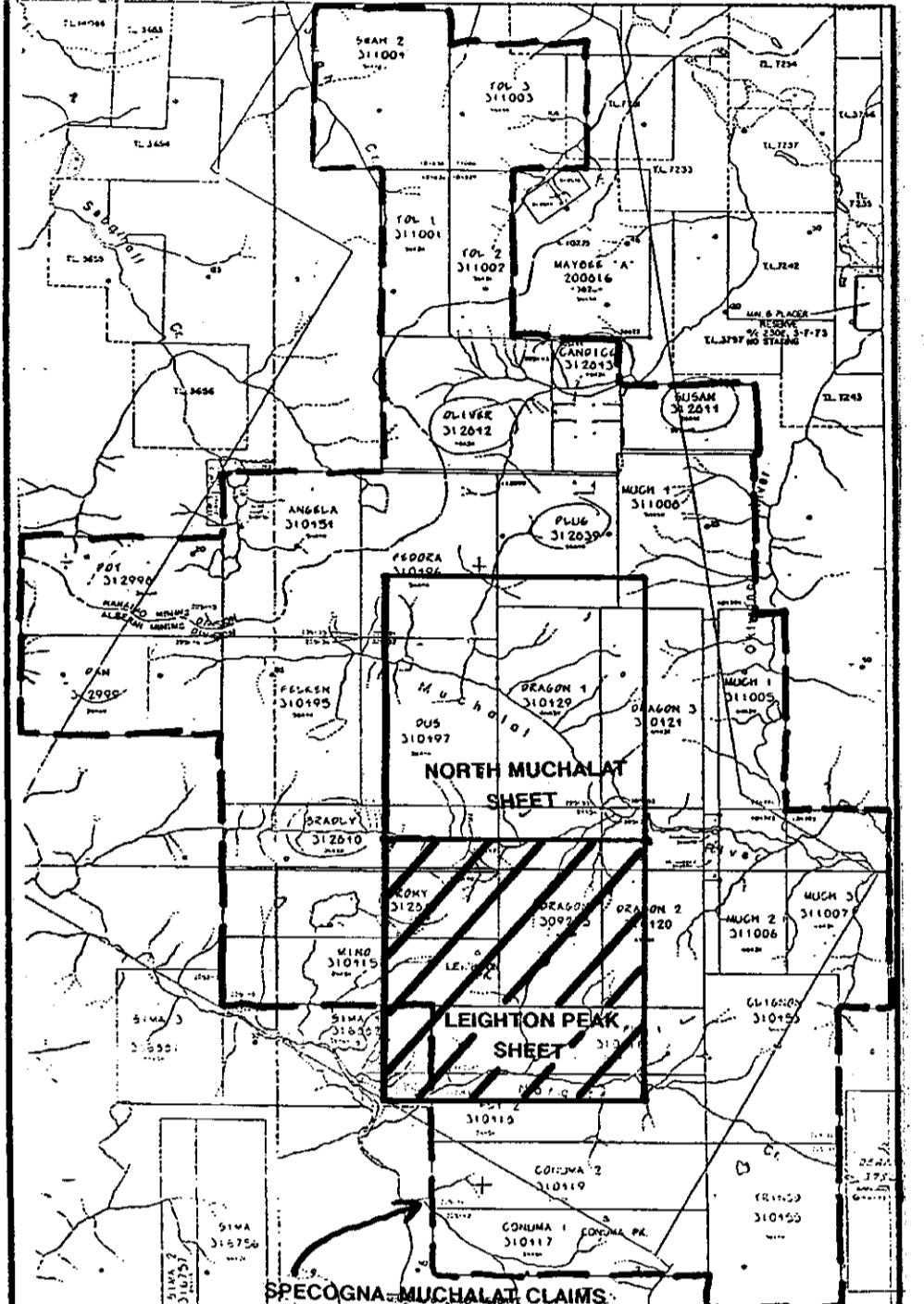


GEOLOGICAL SURVEY BRANCH  
ASSESSMENT

C. S. Soil Geochem  
Fig 8

26,647

Index Map



Scale 1:100,000

Key

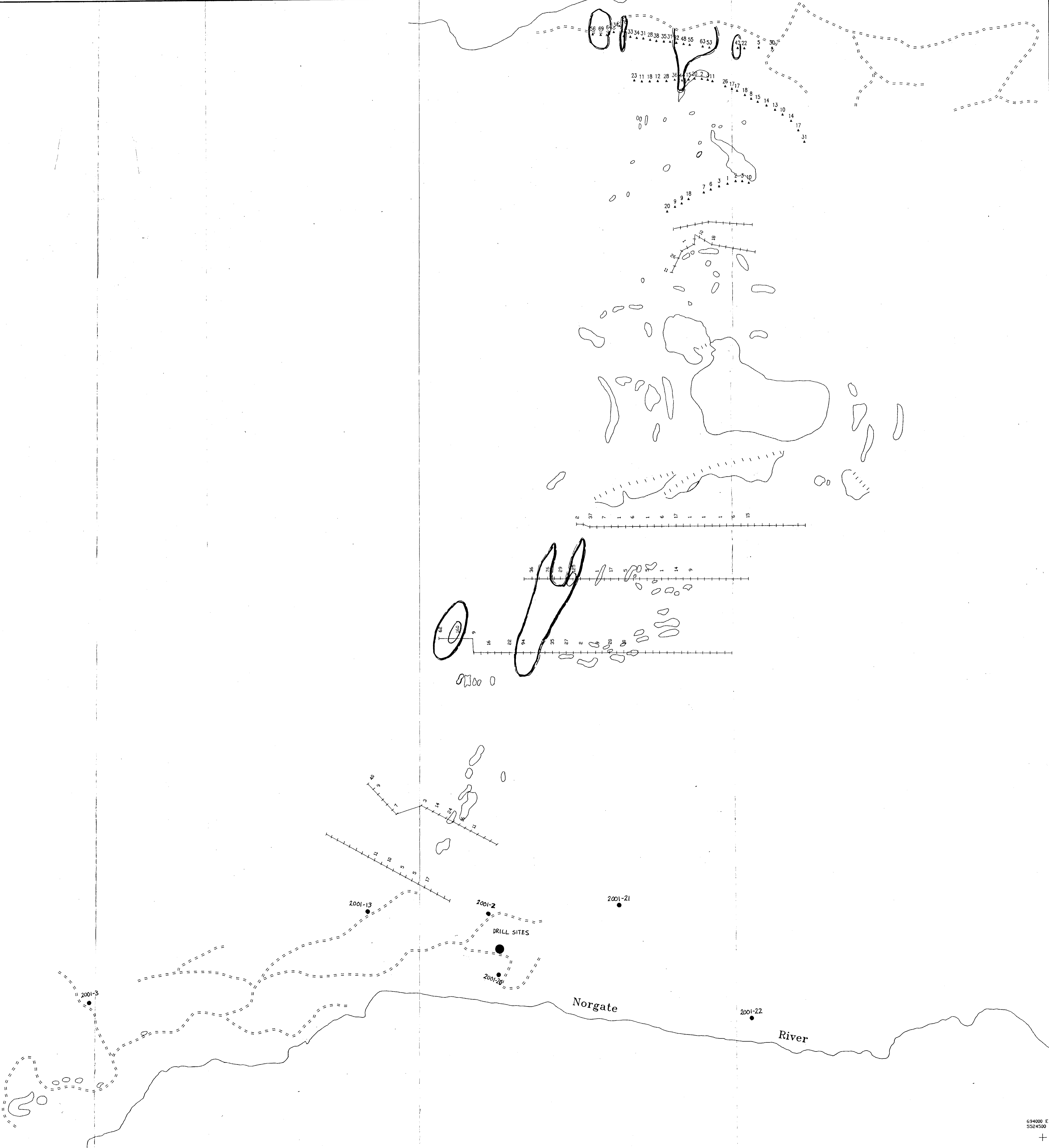
- Outcrop
- Geological Contact (Defined Approximate)
- Bedding (Strike with Dip Direction and Attitude)
- Cleavage (Strike with Dip Direction and Attitude)
- Logging, Skidder Roads
- Diamond Drill Hole Location and Trace
- Grid Soil Geochemistry - Cu (ppm)
- Traverse Soil Geochemistry - Cu (ppm)
- > 40 ppm Cu Contour
- Rock chip Samples
- DRILL SITE

**DRAGONFLY PROJECT**

Metres 100 50 0 100 200 300 400 Metres

REVISED	<b>SPECOGNA</b>	
E.S.	Leighton Peak	
	Cu SOIL GEOCHEMISTRY (ppm)	
	File - SPECGE05.DWG	
PRJNO: 134	SURVEY BY: G. G. R. Kemp, M. Gray	DATE: November 1993
PLT: 1	DRAWN BY: R. Fenton (JMS/MS)	SCALE: 1:100,000
DWGNO: Fig. 8	NORANDA EXPLORATION COMPANY, LIMITED	
	OFFICE: Vancouver	

694000 E  
55284500 N



690000 E  
55284500 N