



41113SE9430 2.12259 ULSTER

010

OM87-8-I-049

J. CLAUDE GERVAIS

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87/05/15 - 87/12/31

CLAIM MAP: Ulster Twp

MINING DIVISION: Sudbury

RELEASE DATE: 88/12/31

ERR  
UNPATENTED CLAIMS: 4

CONTENTS:

~~1 copy~~

~~Report #1 on ground geophysical surveys with maps~~

2 copies: Summary of work performed for period  
running from May 5 to August 5 1987.

## Gervais Group Claims

### Summary of work performed for period running from May 5 to Aug 5 1987

Work performed consists of:

1. Geophysical survey. A copy of the report by H.J. Tracanelli is included.
2. Basic explorations such as prospecting, sampling, surface drilling and blasting, preparing samples for assaying and field analysis work, using chemicals and acids.
3. Dredging. Equipment used: one Keene 5" dredge, and was mostly used for bulk sampling.

Method used for bulk sampling and testing.

The original equipment uses a system of sluice boxes equipped with Hungarian riffles over carpets. This system is very efficient in metals of 100 mesh or bigger, but only recovers about 30 to 35% of very fine gold flakes. Since in this portion of Northern Ontario, gold occurs in dust and small flakes, and the probability of finding nuggets is so remote, a modification has been effectuated on the dredge, permitting a rate of recovery of 85% in fine flakes and dust. First, using the dredge in its original state, it was operated at site 1 of claim 943465 (see map). A total of 100 cubic yards was processed through the sluice boxes, and after screening to 200 mesh, the result was 100 lbs of concentrate which has been assayed at .304 oz per ton. The net result was that approximately 65 tons of gravel would have to be processed in order to recover one ounce of gold, and then the machine had to be cleaned every 10 minutes in order to recover that amount. This was abandoned as impractical and unfeasible economically.

Several days of testing were needed before deciding on a modification to the basic principle of the dredge. The Hungarian riffles were removed, and only a mesh screen on top of a carpet was used. This system has since yielded positive results. The dredge has a capacity of 15 tons per hour and was operated for 6.5 hours therefore processing a volume of near 100 tons in gravel that had previously been assayed at .046 oz per ton. The concentrate obtained was amalgamated with mercury weighted before and after the amalgamation. A net gain of 13 grams was shown, and therefore set the rate of recovery at 85%, and cleaning the dredge only every two hours. Work remains to be done in assaying this concentrate for platinum elements. In one location, the assay showed a value of .1324 oz per ton of combined platinum group elements. Supposing the same rate of recovery remains true for platinum as for gold, the operation could prove to be lucrative. Further testing will be conducted following the recommendation contained in the geophysical survey.

4. Brushes and trees were removed from future roadsites

# SAMPLE ANALYSIS

ANALYZED ON 22-8-86  
ICP 22/8/86-27  
RESULTS IN % FOR

	CU	NI	CO	FE	S	SI	AG	AL
C1 - BROWN	.0047	.0254	.0307	3.70	.0411	29.4	<.0023	7.29
1-C1 - BROWN	.0083	.0148	.0202	4.03	.0624	28.9	<.0023	7.61
C2 - CLEAR	.0069	<.0090	<.0029	2.31	.0546	33.1	<.0023	6.51
1-C2 - CLEAR	.0062	<.0089	<.0029	2.48	.0637	32.6	<.0023	6.50

	AS	AU	B	BA	BI	CA	CR	IR
C1 - BROWN	<.0107	<.0046	<.0040	.108	<.0104	1.79	.0039	<.0381
1-C1 - BROWN	<.0106	<.0045	<.0040	.118	<.0103	1.53	.0046	<.0379
C2 - CLEAR	<.0107	<.0045	<.0040	.0652	<.0104	1.48	.0045	<.0381
1-C2 - CLEAR	<.0106	<.0045	<.0040	.0657	<.0104	1.39	.0066	<.0380

	K	LI	HG	MN	MO	P	PB	PD
C1 - BROWN	2.28	.0010	1.05	.0758	<.0022	.149	<.0248	<.0170
1-C1 - BROWN	2.36	.0014	1.15	.0781	<.0022	.106	<.0246	<.0169
C2 - CLEAR	2.02	<.0009	.732	.0403	<.0022	.0672	<.0247	<.0170
1-C2 - CLEAR	2.04	<.0009	.762	.0413	<.0022	.0597	<.0247	<.0169

	PT	RH	RU	SB	SE	SN	TE	TI
C1 - BROWN	<.0366	<.0290	<.0117	<.0353	<.0409	<.0048	<.0476	.467
1-C1 - BROWN	<.0364	<.0288	<.0116	<.0351	<.0406	<.0048	<.0474	.434
C2 - CLEAR	<.0366	<.0289	<.0117	<.0353	<.0408	<.0048	<.0475	.252
1-C2 - CLEAR	<.0365	<.0289	<.0116	<.0352	<.0407	<.0048	<.0475	.256

	V	ZN
C1 - BROWN	.0081	<.0023
1-C1 - BROWN	.0089	<.0023
C2 - CLEAR	.0066	<.0023
1-C2 - CLEAR	.0066	<.0023

ICP Whole rock.

ANNEX 1

SAMPLE ANALYSIS No 1

S.A. N°1

Both samples were taken about one hundred feet apart at location 5, 2W-9N on claim 943466. They come from a layer of sand approximately 3 feet from the surface and about 18 inches in thickness. This sand was not panned or modified in any way.

The gold value itself does not justify further work, but platinum elements totalling .1324 oz per ton could be interesting, providing the same rate of recovery of 85% is maintained as with gold.

SAMPLE ANALYSIS NO 2

S.A. N°2

Sample 1 - Concentrate taken from the sluice box for the purpose of evaluating the rate of recovery of fine gold. Gravel from this area had previously been assayed at .0051 oz per ton with no significant amount of platinum group elements present. This was reflected in the result of this concentrate and the recovery of fine gold was from 30 to 35%

0.304 gpt

Sample 2 - This sample is from location 2 at 1W-4N of claim S944388. Not a channel sampling but simply a piece of mineral quartz taken at the surface from a geothermal vein.

0.054 gpt

Sample 3 - This piece of rock is from the outer edge of the same vein. It is felt that the values shown do not justify channel sampling.

0.054 gpt

SAMPLE ANALYSIS NO 3

S.A. N°3

Samples 1 and 2. These samples are from location 1 at 9W 2N on claim S 943388. Not a channel sampling. Portions of a mineralized geothermal quartz vein have been crushed to a dust. This main vein is about 24" in width on the average with a system of secondary veins running parallel, and as far as can be determined, runs at or near the surface for a distance of one quarter mile

Au 0.21 Ag .03

SAMPLE ANALYSIS NO 4

S.A. N°4

Sample 1 - This sample comes from claim 943466 at 5W 2N, which proved to be near a crossover point on the geophysical survey, and is one of the areas where further testing is recommended. Sample consists of native gravel after larger pieces have been removed.

1.07 gpt Au

Sample 2 - This sample is from another area, south of French River and does not concern the present work in any way.

< 2 gpt

*J. Claude Gervais*



Ministry of  
Natural  
Resources

Ontario  
Geological  
Survey

11th Floor  
Toronto, Ontario  
M5S 1B3  
Telephone 965-1337

Geoscience  
Laboratories  
Report



Issued to:

T.T.L.  
P.O. BOX 799  
COBALT, ONTARIO  
P0J 1C0

For: Mr. J. Claude Gervais,  
P.O. Box 831,  
Coppercliff, Ont. POM 1N0

C. 24612

SAMPLE NUMBER	GOLD Au ppb	PLATINUM Pt ppb	PALLADIUM Pd ppb
GERVAIS 1	2380	0.0702/t	1
GERVAIS 2	<2	<1	<1

This is an interim report for samples entered in your name on NOV.19,1986 ; additional work will follow as soon as possible

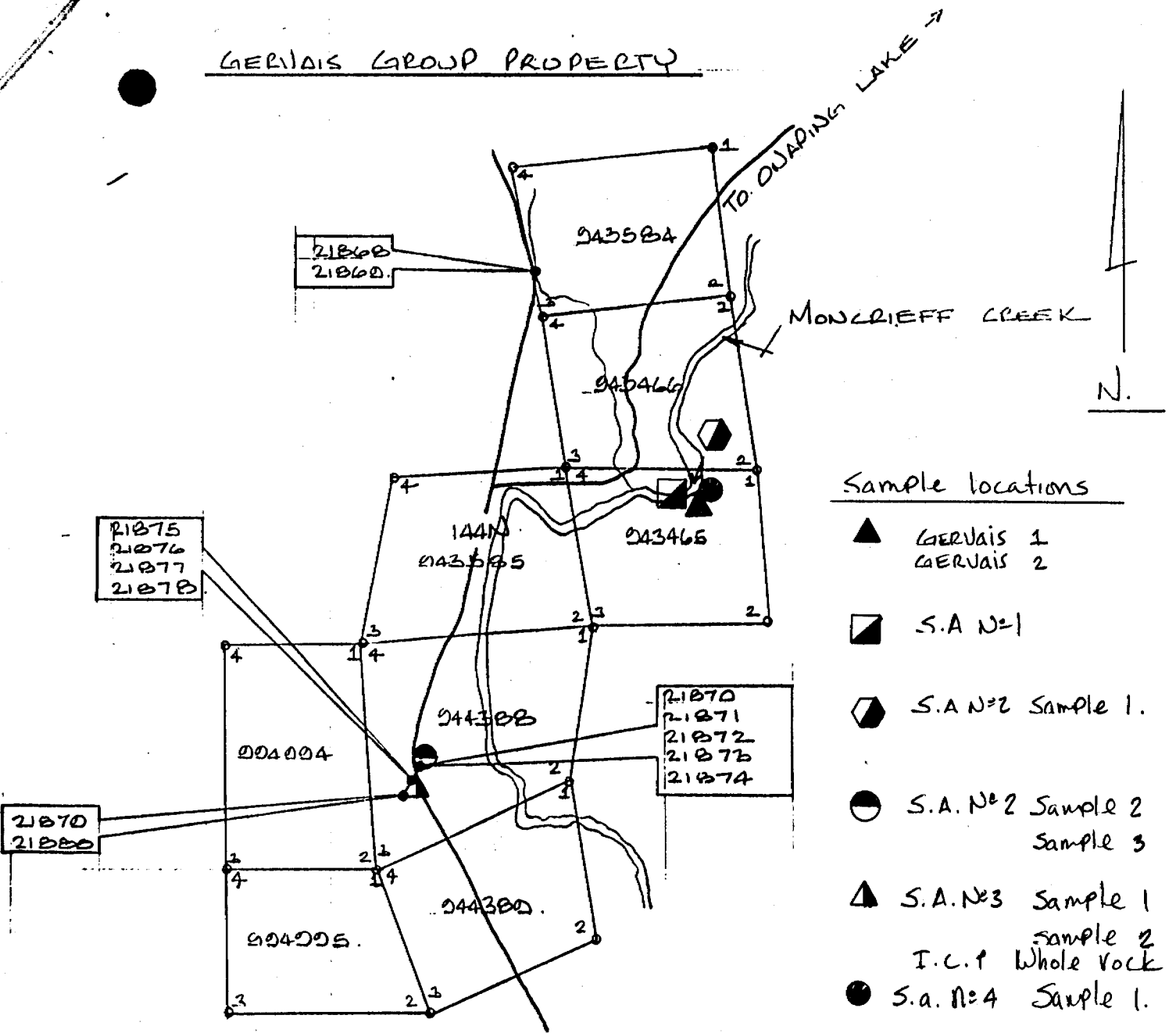
Fees Received: ~~MEPEX~~ Charged 4 coupons card #0868, paid receipt #A497983

  
Chris Riddie, Chief Analyst

DEC.1,1986

Note that the value shown on this preliminary test is gravel and surface value. From this standpoint and examination of surface rocks, the area seems to justify the present work program.

GERVAIS GROUP PROPERTY



ROCK SAMPLING PROGRAM.

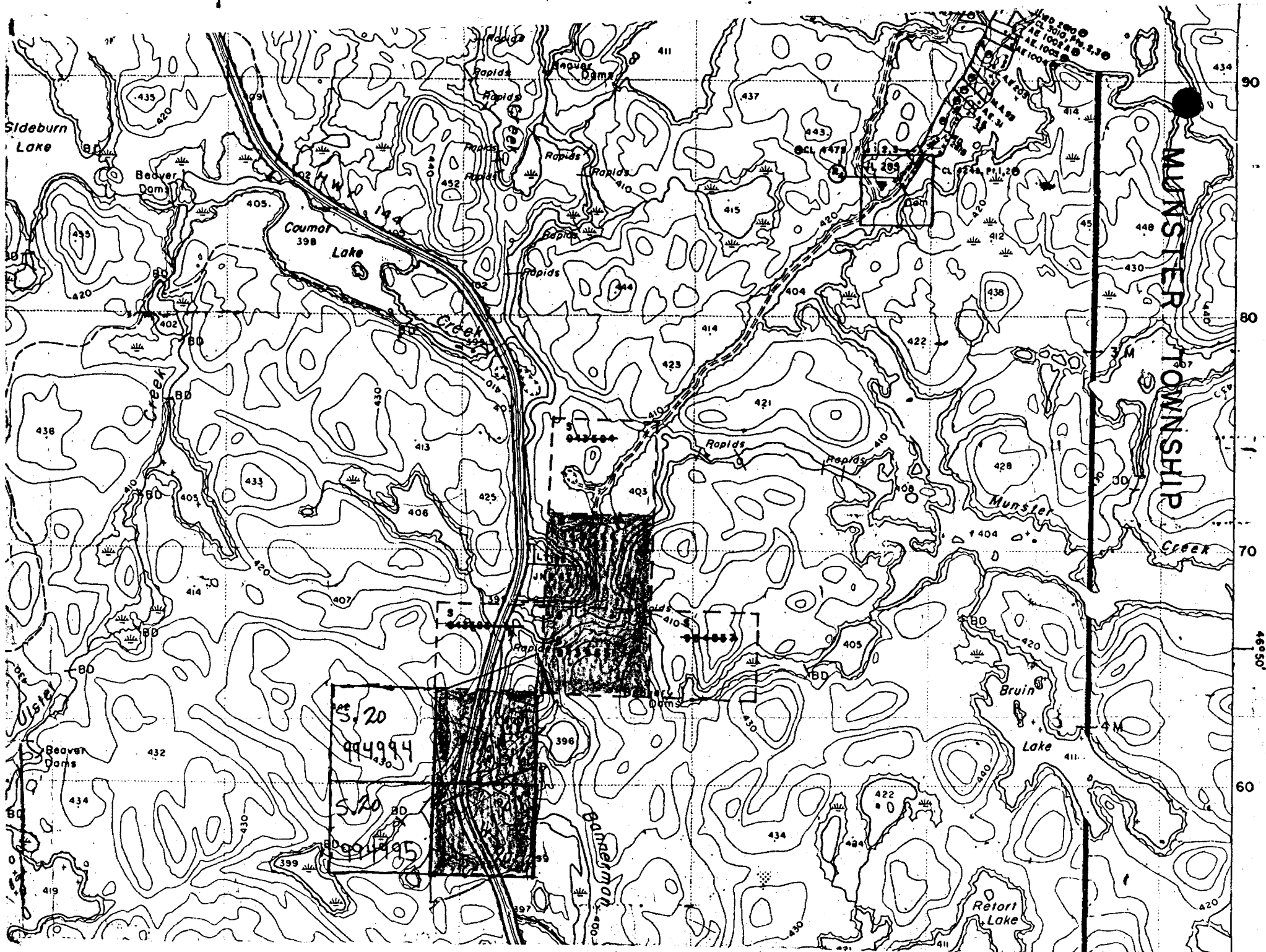
NORANDA EXPLORATION COMPANY LTD.

SCALE 1 INCH = 1320' ±.

NEW-TRAILS EXPLORATIONS.

DRAWN: BY: HAROLD J. TRACANELLI.  
 21 SEPT. 1988.

*[Handwritten Signature]*  
 HAROLD J. TRACANELLI GENL.



work performed on these claims



Ontario



41113SE9430 2.12259 ULSTER

900

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

June 20, 1989

Mining Recorder  
Ministry of Northern Development and Mines  
Bag 3000  
200 Brady Street, 6th floor  
Sudbury, Ontario  
P3A 5W2

Mining Lands Section  
3rd Floor, 880 Bay Street  
Toronto, Ontario  
M5S 1Z8

Telephone: (416) 965-4888

Your file: W8907-25,58  
Our file: 2.12259

Dear Sir:

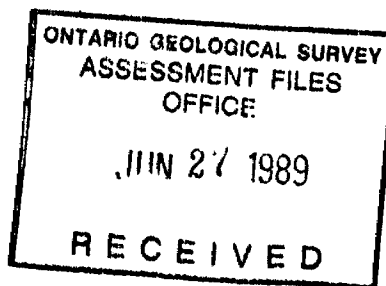
Re: Notice of Intent dated May 19, 1989 for Expenditures submitted on  
Mining Claims S 943465 et al in Ulster Township.

The assessment work credits, as listed with the above-mentioned Notice of Intent,  
have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your  
records.

Yours sincerely,

W.R. Cowan  
Provincial Manager, Mining Lands  
Mines & Minerals Division



D. DK:eb  
Enclosure

cc: Mr. G.H. Ferguson  
Mining and Lands Commissioner  
Toronto, Ontario

Resident Geologist  
Sudbury, Ontario

cc: John Claude Gervais  
26 Serpentine St., Box 831  
Copper Cliff, Ontario  
POM 1N0

cc: Harold J. Tracanelli  
582 Vermillion Lake Rd., Box 167  
Chelmsford, Ontario  
POM 1L0





File	2.12259
Date	May 19, 1989
Mining Recorder's Report of Work No.	W8907-025,58

Recorded Holder	John Claude Gervais
Township or Area	Ulster Township

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
<b>Geophysical</b> Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column <b>Geological</b> _____ days <b>Geochemical</b> _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	\$1000.00 Spent on a Property Evaluation on mining claims: S 943465-66 944388-89  67 Days credit allowed which may be grouped in accordance with section 76(6) of the Mining Act.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey       insufficient technical data filed

Credits as recorded on Report of Work W8907-25 are disallowed.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

2.12259  
Mining Act

Type of Survey(s): *Geotechnical Rept. placer deposit - placer-Rck assaying* Township or Area: *Ulster twp G-4117*  
 Claim Holder(s): *John Claude Gervais* Prospector's Licence No.: *C-36010*  
 Address: *26 Serpentine Street Box 831, Copper Cliff, Ontario Pom-1N0*  
 Survey Company: *John Claude Gervais - Incoltd - T.T.L* Day of Survey (from & to): *05 05 87 05 08 87* Total Miles of line Cut: *0*  
 Name and Address of Author (of Geo-Technical report): *John Claude Gervais, 26 Serpentine Street Box 831 Copper Cliff Ontario Pom-1N0*

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here <b>RECEIVED</b> <b>MAR 15 1989</b> <b>MINING LANDS SECTION</b>	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	8.75
	- Other	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claim			Mining Claim		
Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
S-	943465	8.75			
	943466	8.75			
	944388	8.75			
	944389	8.75			
<b>SUBBURY MINING DIV. RECEIVED FEB 24 1989</b>					
A.M. 7/10/11/12/1 P.M. 7/3/7/5/6					

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s): *Geotechnical see above.*

5-943465-943466-944388-944389

Calculation of Expenditure Days Credits

Total Expenditures \$  + 15 =  Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date: *Feb 24/89* Recorded Holder or Agent (Signature): *[Signature]*

For Office Use Only

Total Days Cr. Recorded: *35* Date Recorded: *March 9, 1989* Mining Recorder: *[Signature]*  
 Date Approved as Recorded: *[Signature]* Branch Director: *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

*[Signature]*



2.12259 Mining Act

Type of Survey(s) Geotechnical Report on Placer Deposit Work-Rock Assaying. Township or Area Ulster Township. G-417

Claim Holder(s) John Claude Gervais. Prospector's Licence No. C-36010

Address 26 Serpentine Street. Box B31, Copper Cliff, Ontario P0M-1N0.

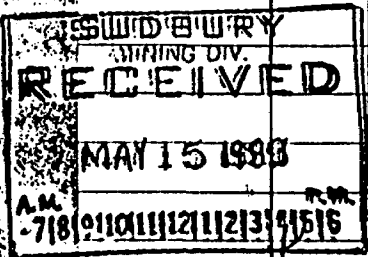
Survey Company John Claude Gervais-Inco Ltd - T.T.L. Date of Survey (from & to) 05 05 87 05 08 87. Total Miles of line Cut 0.

Name and Address of Author (of Geo-Technical report) John Claude Gervais. 26 Serpentine Street, Box B31, Copper Cliff, Ontario P0M-1N0.

Credits Requested per Each Claim in Columns at right Mining Claims Traversed (List in numerical sequence)

Table with columns: Special Provisions, Man Days, Airborne Credits, Geophysical, Geological, Geochemical, Days per Claim.

Table with columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr., Mining Claim Prefix, Mining Claim Number, Expend. Days Cr.



Expenditures (excludes power stripping)

Type of Work Performed Property Evaluation

Performed on Claim(s) S-943465, S-943466, S-944398

And S-944389.

Calculation of Expenditure Days Credits Total Expenditures \$ 1000.00 + 15 = 67.0 Total Days Credits

Instructions Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date Mon. May 03/89 Recorded Holder or Agent (Signature) Harold J. Tracanelli

Certification Verifying Report of Work I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying Harold J. Tracanelli. 582 Vermillion Lake Road. Box 167 Chelmsford Date Certified Certified by (Signature)

For Office Use Only Total Days Cr. Recorded 67 Date Recorded May 16, 1989 Mining Recorder U.C. Miller Date Approved as Recorded Branch Director See serial work statement.

Total number of mining claims covered by this report of work. FOUR.

# INCO LIMITED

## Miscellaneous analyses

26 Serpentine  
Copper Cliff

Process Technology - Technical Services

R8111

Form 78-R

USER  
This is your return mailing label  
PLEASE PRINT

To Location	
Dept	
Name	

### CUSTOM ASSAY

Dept approval \_\_\_\_\_ Charge number \_\_\_\_\_ Date **MAY 22 1987**

Project description **Claude Gervais (Tel 682-0254)**

Analyses required (put estimates on sample bags)

Indicate highest priority, if any

User  
leave blank

User's sample no. and/or description

troy oz/short ton

Pt Pd Au

User	Sample no. and/or description	Pt	Pd	Au					
7-7223	Sample 1 Concentrate	1.001	.002	.304					
24	2 Silica	1.001	.004	.054					
25	3 Rock	.002	.005	.054					

Refer to S.A. No. 2

charge \$15 per sample for Pt Pd Au  
charge \$22 in total for sample prep

Date received **MAY 22/87** Date completed **June 8/87** Analyst's initial **[Signature]** Approved **[Signature]**

NO CARBON PAPER NEEDED

USER Indicate accuracy required	Accuracy	Element	Note: High accuracy means additional time and cost
	Better than 1%		
	1 to 5%		
	5 to 10%		

- Samples to be Filed  Returned
- Forward top 3 copies with samples to  
COPPER CLIFF  
PROCESS TECHNOLOGY BUILDING  
ANALYTICAL SERVICES LABORATORY
- User keep last copy

**INCO LIMITED**  
Miscellaneous analyses

Process Technology - Technical Services

R8111

Form 78-R

870

USER  
This is your return mailing label  
PLEASE PRINT

To Location \_\_\_\_\_  
Dept \_\_\_\_\_  
Name \_\_\_\_\_

Dept approval \_\_\_\_\_ Charge number Y Date Aug 24/87

Project description \_\_\_\_\_

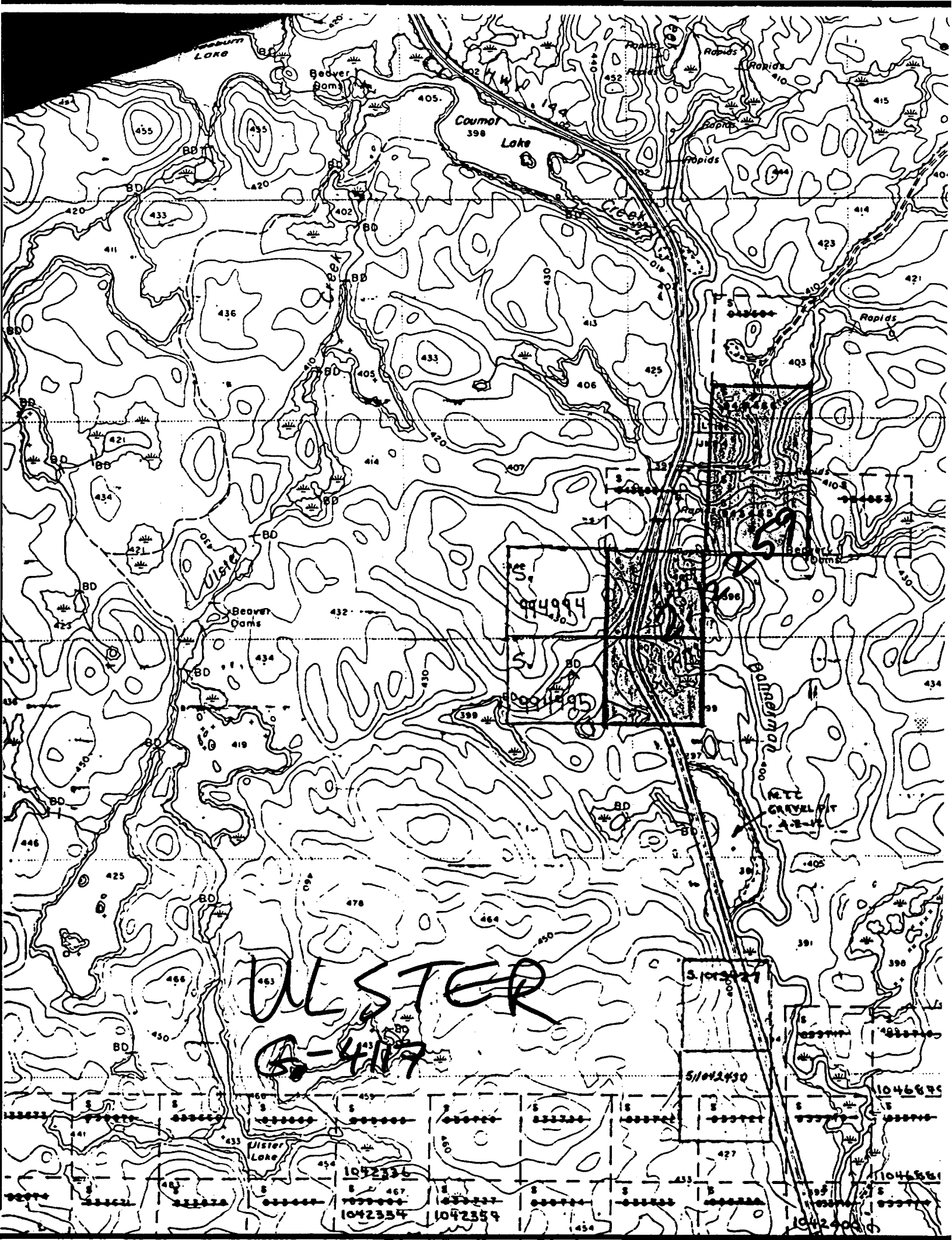
User leave blank	User's sample no. and/or description	Analyses required (put estimates on sample bags)						
		<input type="checkbox"/>	Indicate highest priority, if any					
		TA	OR	PER	SHORT	TUN		
	#1 - BROWN	.21	.041					
	#2 - CLEAR	.19	.03					
	Refers to S.A No 3							

NO CARBON PAPER NEEDED

Date received Aug 24/87 Date completed Aug 27/87 Analyst's initial \_\_\_\_\_ Approved RD

USER Indicate accuracy required	Accuracy	Element	Note: High accuracy means additional time and cost
	Better than 1%		
	1 to 5%		
	5 to 10%		

- Samples to be Filed  Returned
- Forward top 3 copies with samples to  
COPPER CLIFF  
PROCESS TECHNOLOGY BUILDING  
ANALYTICAL SERVICES LABORATORY
- User keep last copy



ULSTER  
A-417

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1042335

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