



31M13SE0025 2.6225 INGRAM

010

Assessment Work Report
on the Geological and Geochemical Surveys
for the Ingram Township Project

Claim Nos. 681430 to 681433
667057 to 667059
642423 to 642426
620297 to 620299
636782 to 636787

Date: December 16, 1983
Submitted by: David Marek
Agnico-Eagle Mines Ltd.
Cobalt, Ontario
Submitted to: Mining Recorder's Office
Kirkland Lake, Ontario

RECEIVED

DEC 29 1983

MINING LANDS SECTION

LARDER LAKE
MINING DIV.
RECEIVED
DEC 23 1983
AM PM
7 8 9 10 11 12 1 2 3 4 5 6

Introduction:

The following report summarizes my findings after the 1983 field season's investigation of the Ingram Township claims. It is also a prerequisite for submitting geological and geochemical survey data to acquire work credits.

Location and Access:

This report covers work done on claims numbering: 681430 to 681433, 667058, 667059, 642423 to 642426, 620297 to 620299, 636782 to 636787 and 667057, of Ingram Township. These claims generally cover lots 9, 10, and 11, of concessions: V and VI.

Access can be made by taking highway 569 east of Tomstown to the north-south concession roads. The area is covered by partial farm land and a mature pine, birch, spruce, and poplar forest with considerable undergrowth. Mallard Lake lies to the northeast of the claims and is surrounded by a cedar-spruce bog. There are several concession roads and old bush trails which provide limited accessibility to the interior of the claims.

Procedure:

In order to establish control for the geological and geochemical surveys, a grid system of line-cutting, totally 13.2 miles, was conducted over the claims. One base-line was cut running due east and west, from 16+00 east to 52+00 west. A secondary base-line was cut running north along 40+00 west. From the base-lines, secondary lines were cut at 400 foot intervals with stations at 25 foot intervals. Tie-lines were also cut at the ends of these secondary lines in order to control the drift at the ends of the lines.

The geological survey was conducted using simple pace and compass techniques over the grid lines. After a geological map was produced the geochemical survey was completed, first by sampling vein structures and then taking background samples every 40 feet along outcrop exposures. The vein samples were assayed for gold, silver, copper, cobalt, and arsenic. The background samples were assayed for silver, copper, cobalt, and arsenic. The vein assays for gold and silver were recorded in ounces per ton and plotted on the geology map. The rest of the assays, both for veins and background were recorded in parts per million, with their corresponding sample number plotted on the geology map.

Conclusions and Recommendations:

The area is covered with a thick layer of glacial debris over the northern and north-western claims. Rock outcrops are evident at the south end of Mallard Lake and sporadically throughout the rest of the claim group.

The geology consists of a diabase layer covering the majority of the claims. This is a medium grained, quartz rich, mafic intrusive diabase, referred to as the Nipissing Diabase in geological reports of this area. There are also outcrops of sediments of the Cobalt group, generally argillites and greywackes. These sediments belong to the Huronian supergroup and outcrop on the north-west corner of the claims. They also occur at the bottom of a 30 foot shaft at the north end on line 4+00 west, and also there is a diabase-sediment contact at the bottom of a 40 foot cliff on line 19+00 north, 44+00 west. Therefore it seems the diabase-sediment contact is shallow,

approximately 30 to 40 feet below the surface, and virtually horizontal. Drill hole information confirms this depth on the northern sections of the claims but places the contact much deeper (350 feet) at the south end of the claims, near the creek which flows south from Mallard Lake. This indicates the probable occurrence of a fault structure which has displaced the rock units and warrants further investigation.

Previous geological work in the area consisted of diamond drilling and trenching on vein structures. These veins are generally quartz-carbonate structures, vertically dipping and up to 1 inch in thickness. They are often mineralized with chalcopyrite, pyrite, sphalerite, galena, and cobalt. Assays have shown some gold and silver values on the veins.

Further exploration work will include diamond drilling and assaying on these principal vein structures to search for possible vein extensions and ore targets.

David Marek



Ingram Township Project Geologist
Agnico-Eagle Mines Ltd.
Cobalt, Ontario

<u>SAMPLE NO.</u>	<u>GOLD</u>	<u>SILVER</u>	<u>COPPER</u>	<u>COBALT</u>	<u>ARSENIC</u>
2801		1.2ppm	94ppm	16ppm	N.D.ppm
2802		1.2	100	18	"
2803		1.0	96	18	"
2804		1.2	100	20	"
2805		0.8	104	18	"
2806		1.2	96	18	"
2807		1.2	96	18	"
2808		1.0	114	38	10
2809		0.8	132	30	5
2810		0.6	26	24	N.D.
2811		1.2	34	24	"
2812		1.2	2	22	"
2813		1.0	10	22	"
2814		1.0	32	22	"
2815		1.4	142	22	"
2816		1.2	52	20	"
2817		0.8	8	8	5
2818		1.6	216	22	N.D.
2819		0.6	24	18	5
2820		0.8	38	22	N.D.
2821		1.0	154	22	5
2822		0.8	8	22	N.D.
2823		1.0	6	24	"
2824		1.0	122	20	5
2825		0.6	44	12	N.D.
2826		0.8	42	18	"
2827		1.0	166	24	5
2828		0.8	46	20	N.D.
2829		1.0	58	26	5
2830		1.0	250	20	N.D.
2831		1.2	30	20	N.D.
2832		0.8	8	12	"
2833		0.8	12	18	"
2834		1.0	4	18	"
2835		0.8	6	14	"
2836		0.8	2	10	"
2837		1.0	8	26	"
2838		1.0	6	20	"
2839		0.8	10	22	"
2840		1.2	6	24	"
2841		0.8	6	20	"
2842		1.4	112	36	10
2843		1.2	130	54	15
2844		1.4	110	30	5
2845		1.4	48	50	5
2846		1.2	98	22	N.D.
2847		0.8	90	20	"
2848		1.0	84	20	"
2849		1.0	86	18	"
2850		1.0	88	20	"

N.D. - "no detection"
tr - "trace"

<u>SAMPLE NO.</u>	<u>GOLD</u>	<u>SILVER</u>	<u>COPPER</u>	<u>COBALT</u>	<u>ARSENIC</u>
2851		1.2 ppm	116 ppm	24 ppm	N.D. ppm
2852		1.0	96	24	"
2853		0.8	108	24	5
2854		0.8	110	22	N.D.
2855		0.8	110	24	"
2856		0.8	108	22	"
2857		1.0	112	28	15
2858		1.0	96	24	10
2859		1.0	106	26	N.D.
2860		1.0	96	22	"
2861		1.0	100	22	"
2862		0.8	98	24	5
2863		0.8	104	22	N.D.
2864		1.0	98	18	"
2865		1.2	114	20	"
2866		1.0	104	20	5
2867		1.0	92	18	N.D.
2868		1.0	92	16	"
2869		1.2	82	74	30
2870		1.0	94	20	N.D.
2871		1.0	160	22	5
2872		0.8	102	18	N.D.
2873		0.6	60	16	"
2874		0.8	98	14	"
2875		1.0	98	16	"
2876		1.0	104	16	"
2877		1.2	4	16	20
2878		1.2	88	22	5
2879		0.8	102	20	5
2880		1.0	102	16	N.D.
2881		1.2	100	18	5
2882		1.4	100	18	10
2883		1.8	94	24	25
2884		1.0	84	30	50
2885		1.0	86	18	10
2886		1.4	92	30	30
2887		1.0	104	18	5
2888		1.0	100	34	30
2889		1.0	102	20	N.D.
2890		1.0	90	16	N.D.
2891		1.0	106	18	"
2892		1.6	70	20	5
2893		1.2	102	18	N.D.
2894		1.0	90	16	"
2895		1.2	102	16	"
2896		1.2	98	16	"
2897		1.4	102	20	"
2898		1.6	98	20	5
2899		1.2	8	84	40
2900		1.4	94	70	100

<u>SAMPLE NO.</u>	<u>GOLD</u>	<u>SILVER</u>	<u>COPPER</u>	<u>COBALT</u>	<u>ARSENIC</u>
2901		3.0ppm	220ppm	64ppm	700ppm
2902		1.2	240	36	5
2903		1.4	108	40	5
2904		3.2	610	136	1500
2905		0.8	114	34	30
2906		1.4	116	32	N.D.
2907		1.0	220	34	15
2908		4.6	2050	158	2000
2909		3.4	2350	138	600
2910		1.0	158	38	25
2911		1.0	220	32	5
2912		1.0	50	40	10
2913		0.8	190	38	5
2914		2.8	570	42	40
2915		0.8	126	34	5
2916		1.2	190	26	5
2917		0.8	90	28	10
2918		0.6	126	26	N.D.
2919		1.6	210	28	"
2920		0.4	120	26	"
2921		1.0	90	52	20
2922		1.4	210	30	N.D.
2923		0.8	114	32	"
2924		0.8	128	30	"
2925		0.8	106	38	"
2926		0.4	116	32	"
2927		4.4	210	30	25
2928		0.4	134	30	80
2929		1.0	116	24	20
2930		1.2	106	26	N.D.
2931		1.4	230	26	"
2932		1.2	94	22	N.D.
2933		2.2	92	24	"
2934		1.4	220	24	"
2935		0.8	94	24	"
2936		1.6	56	68	"
2937		1.4	86	48	50
2938		1.0	106	20	N.D.
2939		0.6	100	20	10
2940		0.6	106	22	15
2941		0.8	108	20	N.D.
2942		0.8	120	22	"
2943		0.8	112	20	"
2944		0.8	114	26	"
2945		0.8	112	22	5
2946		1.2	108	26	N.D.
2947		0.8	126	26	"
2948		1.2	116	24	"
2949		1.2	108	26	"
2950		1.0	106	26	"

<u>SAMPLE NO.</u>	<u>GOLD</u>	<u>SILVER</u>	<u>COPPER</u>	<u>COBALT</u>	<u>ARSENIC</u>
2951	0.002oz..	2.72oz.	4000ppm	48ppm	600ppm
2952	tr	0.04	130	36	20
2953	tr	0.22	4450	36	100
2954	0.002	1.36	840	52	500
2955	0.002	2.92	1850	164	800
2956	0.004	0.64	600	170	1500
2957	0.004	3.40	17,000	650	1200
2958	tr	0.18	17,000	46	800
2959	0.068	0.59	1900	570	800
2960	0.010	0.80	2100	380	1200
2961	0.008	0.10	1650	106	800
2962	0.006	0.14	710	60	640
2963	0.004	0.20	17,000	116	200
2975	0.058	0.14	3750	32	200
2976	0.112	0.35	20	15,250	1600
2977	0.050	0.20	1800	88	400
2978	0.038	5.28	7500	64	200
2979	0.004	0.06	202	48	200
2980	0.004	0.14	202	8000	3000
2981	0.004	0.10	54	64	400
2982	0.010	0.02	64	230	800
2983	0.124	0.22	460	5500	400
2984	0.014	0.06	7250	148	800
2985	0.022	0.11	1050	134	800
2986		1.0 ppm	214ppm	32ppm	30ppm
2987		1.4	110	32	5
2988		1.2	208	30	N.D.
2989		0.8	90	38	25
2990		0.6	222	48	15
2991		2.0	64	48	10
2992		1.4	220	36	400
2993		1.2	120	34	15
2994		0.8	118	36	15
2995		1.4	112	34	20
2996		1.4	230	32	N.D.
2997		1.0	110	30	5
2998		1.4	220	28	20
2999		1.0	122	30	N.D.
3000		1.2	218	32	15



31M13SE0025 2.6225 INGRAM

900

(file 2667058)

Mining Act

- Do not use shaded areas below.

Type of Survey(s) Geological, Geochemical	Township or Area Ingram Twp
Claim Holder(s) Foster Marshall	Inspector's Licence No. B 23438
Address RR #1 Englehart Ont. POJ 140	
Survey Company Agnico-Eagle Mines Ltd.	Date of Survey (from & to) 14 6 83 7 10 83 Day Mo. Yr. Day Mo. Yr.
Total Miles of line Cut 13.4 miles	
Name and Address of Author (of Geo-Technical report) David Marek Agnico-Eagle Mines Ltd. Box 140 Cobalt Ont.	

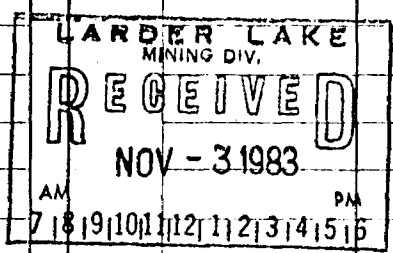
Credits Requested per Each Claim in Columns at right

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	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	40
	Geochemical	20

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
L	681430				
	681431				
	681432				
	681433				
	667058				
	667059				
	642423				
	642424				
	642425				
	642426				
	636786				
	636787				
	620297				
	620298				
	620299	20			
	636782	20			
	636783	20			
	636784	20			
	636785	20			
	667057	20			



Placed about this Sec 77(14) wh to be recorded in these claims 6x

see Reversed statement

Total number of mining claims covered by this report of work. **20**

Expenditures (excludes power stripping)

Type of Work Performed Geochemical Assays
Performed on Claim(s) 631430 to 681433, 667058, 667059, 620297
642423 to 642426, 636786, 636787, 620298
Calculation of Expenditure Days Credits
Total Expenditures \$ 1900.00 ÷ 15 = 126 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.

For Office Use Only	
Total Days Cr. Recorded 960	Date Recorded NOV 3 1983
Date Approved see Reversed statement	Branch Director <i>[Signature]</i>

Date Nov 1 / 83	Recorded Holder or Agent (Signature) <i>David Marek</i>
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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 David Marek Agnico Eagle Mines Ltd. Box 140 Cobalt Ont.	Date Certified Nov 1 / 83	Certified by (Signature) <i>David Marek</i>
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2.6225

1984 09 04

Your File: 359
Our File: 2.6225

George J. Koleszar
Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Notice of Intent dated August 10, 1984
Geological and Geochemical Survey and
Data for Assaying on Mining Claims
L 620296 et al in the Township of Ingram

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,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-4888

S. Hurst:mc

cc: Foster Marshall
R.R.#1
Englehart, Ontario
POJ 1H0

cc: Agnico Eagle Mines Limited
Box 140
Cobalt, Ontario
POJ 1P0

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

cc: Resident Geologist
Kirkland Lake, Ontario

Encl.



Ministry of
Natural
Resources

Aug 27/84

1984 08 10

Your File:359
Our File:2.6225

George J. Koleszar
Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

Enclosed are two copies of a Notice of Intent with statements listing a reduced rate of assessment work credits to be allowed for a technical survey. Please forward one copy to the recorded holder of the claims and retain the other. In approximately fifteen days from the above date, a final letter of approval of these credits will be sent to you. On receipt of the approval letter, you may then change the work entries on the claim record sheets.

For further information, if required, please contact Mr. R.J. Pichette at 416/965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

rdj
S. Hurst:mc

Encls.

cc: Foster Marshall
R.R.#1
Englehart, Ontario
POJ 1H0

cc: Agnico Eagle Mines Limited
Box 140
Cobalt, Ontario
POJ 1P0

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



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1984 08 10
2.6225/359

An examination of your survey report indicates that the requirements of The Ontario Mining Act have not been fully met to warrant maximum assessment work credits. This notice is merely a warning that you will not be allowed the number of assessment work days credits that you expected and also that in approximately 15 days from the above date, the mining recorder will be authorized to change the entries on his record sheets to agree with the enclosed statement. Please note that until such time as the recorder actually changes the entry on the record sheet, the status of the claim remains unchanged.

If you are of the opinion that these changes by the mining recorder will jeopardize your claims, you may during the next fifteen days apply to the Mining and Lands Commissioner for an extension of time. Abstracts should be sent with your application.

If the reduced rate of credits does not jeopardize the status of the claims then you need not seek relief from the Mining and Lands Commissioner and this Notice of Intent may be disregarded.

If your survey was submitted and assessed under the "Special Provision-Performance and Coverage" method and you are of the opinion that a re-appraisal under the "Man-days" method would result in the approval of a greater number of days credit per claim, you may, within the said fifteen day period, submit assessment work breakdowns listing the employees names, addresses and the dates and hours they worked. The new work breakdowns should be submitted direct to the Land Management Branch, Toronto. The report will be re-assessed and a new statement of credits based on actual days worked will be issued.

Recorded Holder FOSTER MARSHALL
Township or Area INGRAM TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ 40 days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" 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.	L 681430 to 433 inclusive 667058-59 642423 to 426 inclusive 636786-87 620297-98

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

Recorded Holder
 FOSTER MARSHALL
 Township or Area
 INGRAM TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ 17.5 days Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" 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.	L 681431-32 667059 620297 642423-24-25 636786-87

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

 L 681430-33
 667058
 642426
 620298

Recorded Holder FOSTER MARSHALL
Township or Area INGRAM TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ 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.	\$1900.00 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS: L 631431-32 667059 620297 642423-24-25 636786-87 126 DAYS CREDIT ALLOWED WHICH MAY GROUPED IN ACCORDANCE WITH SECTION 77(19)

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

26225

Agnico-Eagle Mines Ltd.
Box 140, Cobalt, Ontario
POJ 1P0

July 30, 1984

Dear Sir;

Please find enclosed the assessment work breakdown form in duplicate for our claims in Ingram twp. Kirkland Lake District, (your file 2.6225). We are presently running a geophysical survey over the same claims and therefore hope requested information is in order.

Yours sincerely,
David Marek
David Marek
(705) 647-4494

RECEIVED
AUG 01 1984
MINING LANDS SECTION

RECEIVED	
Land Management Branch	
CIRCULATE	<input type="checkbox"/>
COMMENTS PLEASE	<input type="checkbox"/>
BY	
AUG 01 1984	
W. L. GOOD	
W. L. GOOD	
W. L. GOOD	
W. L. GOOD	
W. L. GOOD	
W. L. GOOD	

1. Type of Survey GEOCHEMICAL
2. Township or Area INGRAM TWP. KIRKLAND LAKE DISTRICT
3. Numbers of Mining Claims Traversed by Survey 681432, 681431, 681433, 681430
667059, 667058, 620297, 620298, 642425, 642426, 642424, 642423, 636786, 636787
4. Number of Miles of Line Cut 13.2 Flown _____
- *5. Number of Stations Established _____
- *6. Make and type of Instrument Used _____
- *7. Scale Constant or Sensitivity _____
- *8. Frequency Used and Power Output _____

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) 35

Total 8 hour Line-Cutting Days 40 included in geology

Calculation

$$\begin{array}{r}
 \frac{35}{\text{Technical}} \times 7 = \frac{245}{\text{Line-cutting}} + \frac{40}{\text{Line-cutting}} = \frac{285}{\text{Line-cutting}} \div \frac{14}{\text{Number of claims}} = \frac{20.35}{\text{Assessment credits per claim}}
 \end{array}$$

The dates listed on this form represent working time spent entirely within the limits of the above listed claims Check

If otherwise, please explain _____

Dated: July 29/84

Signed: Dain Mal

- Note: (A) * Complete only if applicable.
 (B) Complete list of names, addresses and dates on reverse side.
 (C) Submit separate breakdown for each type of survey.
 (D) Submit in duplicate.

Details of Assessment Work Breakdown

FIELD WORK

<u>Type of Work</u>	<u>Name & Address</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
geochemical sampling	David Marek c/o Agnico-Eagle Mines Ltd. Box 140, Cobalt, Ont.	Aug. 5,11,19,26,29 Sept. 12,13,14, 15,16/83	10
	Claude Thorniley c/o Agnico-Eagle Mines Ltd.	Aug. 5,11,19,26,29/83	5

CONSULTANTS

<u>Name & Address</u>	<u>Dates Worked (specify in field or office)</u>	<u>Number of 8 hour days</u>

DRAUGHTSMAN, TYPING, OTHERS (specify)

<u>Name & Address</u>	<u>Type of Work</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
David Marek c/o Agnico-Eagle Mines Ltd. Box 140, Cobalt, Ont.	draughting, typing reports	Aug/83 to Dec/83	20

TOTAL 8 HOUR TECHNICAL DAYS 35

LINE-CUTTING

<u>Name</u>	<u>Address</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
Glenn McBride plus 4 men		June 6 to June 17/83	
Box 131,			10
Notre Dame du Nord, P.Q.			10
JOZ 3B0			10
			10

TOTAL 8 HOUR LINE-CUTTING DAYS 40

July 24, 1984

Your File: 359
Our File: 2.6225

REGISTERED

Agnico Eagle Mines Limited
Box 140
Cobalt, Ontario
POJ 1P0

Dear Sirs:

RE: Geological & Geochemical Surveys submitted on
Mining Claims L 620297 et al in the Township of
Ingram.

Enclosed is a copy of our letter dated May 25, 1984 requesting
additional information for the above mentioned survey.

Unless you can provide the required data by August 3, 1984
the mining recorder will be directed to cancel the work credits
recorded on November 3, 1984.

For further information, please contact Mr. Ray Pichette at
(416) 965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-6918

S. Hurst:sc

Encls:

cc: Mining Recorder
Kirkland Lake, Ontario

cc: Foster Marshal
R.R. #1
Englehart, Ontario
POJ 1H0

May 25, 1984

File: 2.6225

Agnico Eagle Mines Ltd
Box 140
Cobalt, Ontario
POJ 1P0

Attention: D. Marek

Dear Sir:

RE: Geological and Geochemical Survey submitted
on Mining Claims L 620297 et al in the Township
of Ingram

In order to properly assess your geochemical survey, it will be necessary for you to submit an assessment work breakdown for time spent conducting the geochemical survey only. This was originally requested in my letter of March 26, 1984, copy of which is enclosed. Your letter and attachments of April 18, 1984, outlined an assessment work breakdown for a combined geological and geochemical survey. The geological survey, however, does meet the requirements of Special Provision credits and will be assessed under this method. The geochemical survey, due to lack of systematic and substantial coverage, does not meet the requirements of Special Provisions and, therefore, must be assessed under the man-day work credit method. Please provide a new breakdown on the forms enclosed and return them to this office quoting file #2.6225.

For further information, please contact Mr. R. Pichette at (416)965-6918.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

R. Pichette:mc

cc: Foster Marshall

cc: Mining Recorder
Kirkland Lake, Ontario

Encl.

March 26, 1984

Our File: 2.6225

Foster Marshall
R.R.#1
Englehart, Ontario
POJ 1H0

Dear Sir:

RE: Geological and Geochemical Surveys and Data
for Assaying submitted on Mining Claims
L 620297 et al in the Township of Ingram

Enclosed are the Geological and Geochemical plans, in duplicate, for the above-mentioned survey. Please have the author of the report date and sign each map and colour code the outlined geological outcrops. Please return all maps to this office as soon as possible.

The Geochemical Survey may not be assessed under Special Provisions (Credit for Performance and Coverage) because the number of samples obtained along the established grid lines was not enough to warrant credit for assessment work days. Please complete the enclosed Assessment Work Breakdown Form, in duplicate, outlining a man-days breakdown listing the names and addresses of the employees and dates that each man worked on the various phases of the survey. The Survey will then be assessed under the provisions of subsections (9) and (11) of Section 77 of the Mining Act R.S.O. 1980.

Also, we have not received receipts or cancelled cheques required in order to assess work performed on Mining Claims listed above. Please provide cancelled cheques or a signed statement verifying payment of the expenditure of \$1,900.00 for Geochemical Assays as soon as possible.

Lastly, we are endeavouring to compile a list of qualifications of those persons who sign geo-technical reports submitted to this Ministry for assessment work credits. It would be appreciated therefore, if you would please furnish a brief resume of Mr. David Marek's qualifications for our records.

For further information, please contact Mr. F.W. Matthews at (416)965-6198.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch
Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

M.E. Anderson:mc
cc: Mining Recorder
Kirkland Lake, Ontario



1. Type of Survey Geological, Geochemical

2. Township or Area Ingram Township, Timiskaming District

3. Numbers of Mining Claims Traversed by Survey 681431, 681430, 681432, 681433,
667059, 667058, 620297, 620298, 642423, 642424, 642425, 642426, 636786, 636787

4. Number of Miles of Line Cut 13.4miles Flown _____

*5. Number of Stations Established _____

*6. Make and type of Instrument Used _____

*7. Scale Constant or Sensitivity _____

*8. Frequency Used and Power Output _____

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) 40

Total 8 hour Line-Cutting Days 28

Calculation

$$\frac{40}{\text{Technical}} \times 7 = \frac{280}{\text{Line-cutting}} + \frac{28}{\text{Line-cutting}} = \frac{308}{\text{Line-cutting}} \div \frac{14}{\text{Number of claims}} = \frac{22}{\text{Assessment credits per claim}}$$

The dates listed on this form represent working time spent entirely within the limits of the above listed claims Check
If otherwise, please explain _____

Dated: Apr 18/84

Signed: [Signature]

- Note: (A) * Complete only if applicable.
 (B) Complete list of names, addresses and dates on reverse side.
 (C) Submit separate breakdown for each type of survey.
 (D) Submit in duplicate.

Details of Assessment Work Breakdown

FIELD WORK

<u>Type of Work</u>	<u>Name & Address</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
Geological & Geochemical	D. Marek C/O Agnico-Eagle Mines Ltd. Box 140, Cobalt, Ont.	July 1/83 to Oct 7/83	20
Geological & Geochemical	C. Thorniley C/O Agnico-Eagle Mines Ltd. Box 140, Cobalt, Ont.		10

CONSULTANTS

<u>Name & Address</u>	<u>Dates Worked (specify in field or office)</u>	<u>Number of 8 hour days</u>

DRAUGHTSMAN, TYPING, OTHERS (specify)

<u>Name & Address</u>	<u>Type of Work</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
D. Marek C/O Agnico-Eagle Mines	draughting	July 1/83 to Nov 1/83	10

TOTAL 8 HOUR TECHNICAL DAYS 40

LINE-CUTTING

<u>Name</u>	<u>Address</u>	<u>Dates Worked</u>	<u>Number of 8 hour days</u>
Glen McBride + 3 men		June 10/83 to June 17/83	7
Notre Dame du Nord			7
Box 131, P.Q.			7
JOZ 3B0			7

TOTAL 8 HOUR LINE-CUTTING DAYS 28



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1K0

Agnico Eagle Mines Limited
P. O. Box 140
COBALT, Ontario
POJ 1C0

INVOICE No 15931

ORDER NO.

DATE October 26, 1983

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
25161	Aug. 17/83	24 Au, 24 Ag	\$ 288.00
25658	Aug. 18/83	11 Au, 11 Ag	132.00
29145	Sept. 21/83	52 Ag, 52 Cu, 52 Co, 52 As (geochemical)	416.00
30707	Sept. 28/83	24 Cu, 24 Co, 24 As (geochemical)	168.00
B795-83	Oct. 26/83	112 Cu, 112 Co, 112 As 112 Ag (geochemical)	896.00
			<hr/> <u>\$1,900.00</u> <hr/>

RECEIVED
PAYMENT
WITH THANKS

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 

RECEIVED
APR 24 1984
MINING LANDS SECTION

Apr 18, 1984

S.E. Yundt
Director
Land Management Branch
Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

Dear Sir:

RE: Mining Claims L 620297 et al in the Township of Ingram, Timiskaming,
District. Your file: 2.6225

Please find enclosed the documents and maps that you requested in your letter of March 26, to Foster Marshall. I hope all is in order and that your office keeps me informed as to the outcome of the reassessment of work days allowed on the above claims.

Could you also please inform me as to the number of samples that would be required for a geochemical survey in order to warrant credit for assessment work days.

Sincerely yours,



D. Marek
Ingram Twp. Project Geologist

Agnico-Eagle Mines Ltd.
Box 140, Cobalt, Ontario
POJ 1P0
Phone:(705) 647-4494

RECEIVED
APR 24 1984
MINING LANDS SECTION

RECEIVED	
Land Management Branch	
CIRCULATE	<input type="checkbox"/>
COMMENTS PLEASE	<input type="checkbox"/>
BY	
APR 1 1984	
G. E. YUNDT	
J. R. MORTON	
J. C. SMITH	
W. L. GOOD	
R. 6643	

RESUME

DAVID EDWARD MAREK

576 McCamus Ave. Apt. 302
New Liskeard, Ontario
POJ 1P0

Residence: (705) 647-8349
Business: (705) 647-4494

PERSONAL DATA:

Date of Birth: 23 November 1958
Marital Status: Single
Height/Weight: 182 cm/85 kg
Health: Excellent
Citizenship: Canadian

EDUCATION:

1982 Queen's University
Kingston, Ontario
Bachelor of Science (Geological Engineering)

EMPLOYMENT EXPERIENCE:

March - Present 1983 Agnico-Eagle Mines Ltd.
Position: Mine Geologist

Responsibilities:

Supervising and maintaining underground drilling programs, which included surveying and core logging. Also responsible for underground and surface mapping and assisting with production calculations and mine planning at the Langis mine, a silver mine in the Cobalt area. Reported to Brian Thorniley, Chief Geologist.

Nov. - March 1982 1983 Ministry of Natural Resources, Tweed, Ontario.
Position: Mining Sector Work Program

Responsibilities:

Filing assessment work and geological data into a inventory data file for each of the eastern townships of Ontario. Some geophysical prospecting of graphite and muscovite deposits was also carried out. Reported to Dr. Paul Kingston, Resident Geologist.

RECEIVED
APR 24 1984
MINING LANDS SECTION

EMPLOYMENT EXPERIENCE (continued)

May - Sept.
1982

Mr. Campbell Fox, Consulting Geologist
for Steep Rock Iron Mines Ltd.

Position: Field Geologist

Responsibilities:

Supervision of a diamond drill program with splitting, logging, and sampling of core, at a talc occurrence near Tweed, Ont. Other field work involved staking and subsequent mapping of marble and mica properties in Eastern Ontario. Site investigation involved assessing mineral deposits for the use in the mineral filler industry. Reported to Mr. Campbell Fox, consultant for Steep Rock Iron Mines Ltd.

May - Sept.
1981

Indusmin Ltd.

Position: Junior Geologist

Responsibilities:

Supervision of a diamond drill program with splitting, logging and sampling of core, at the Nepheline Syenite operation and the Ontario Silica operation. Mapping of the nepheline syenite and silica deposits was also completed for future ore reserves. Other work involved assisting with general open pit surveying on drill patterns and pit control. Reported to Mr. Dale MacGregor, Production Superintendent.

May - Sept.
1980

United Keno Hill Mines Ltd.

Position: Junior Geologist

Responsibilities:

Extensive cartography of silver veins, trenching, open pit sampling, diamond drill orientation surveys, and core logging, all situated in the town of Elsa, Central Yukon. Field work consisted of exploration drilling (percussion drilling) and sampling which extended for 3 weeks northeast of Elsa. Reported to Mr. Tom Stubens, Exploration Geologist.

EMPLOYMENT EXPERIENCE (continued)

May - Sept.
1979

Eldorado Nuclear Ltd.

Position: Junior Geologist

Responsibilities:

Prospecting for uranium deposits in Athabasca sandstone near Fond Du Lac, Saskatchewan. Conducted VLF, soil, and scintillation surveys, also general mapping and drill-hole probing. Field work also involved 75 hours of helicopter travel time and base camp set-up. Reported to Mr. Tim Jones, Project Chief.

REFERENCES:

Supplied on request.



Mining Lands Comments

(2) require receipts or cancelled cheques ^{→ explanation about geochemical}
 - Map not signed (1) - no qualifications (3)
 - geological map not coloured (also doesn't have an index indicating outcrops) could there be solely a geochemical map?

To: Geophysics

Comments

Should have been colored;
 rock types are named on map face & matched with legend - OK.

Approved

Wish to see again with corrections

Date

Signature

To: Geology - Expenditures Mr. C Kustra

Comments

Approved

Wish to see again with corrections

Date

Jan 20 1984

Signature

C Kustra

To: Geochemistry Dr. Fortesme

Comments

No Key Map Values
 not plotted on map
 only sample No's Not
 enough coverage for spectral provisions calculations only
 L.D.

Approved

Wish to see again with corrections

Date

30/1/84

Signature

Dr Fortesme

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

1984 01 05

Your File: 359

Our File: 2.6225

Mr. George J. Koleszar
Mining Recorder
Ministry of Natural Resources
4 Government Road East
P.O. Box 984
Kikkland Lake, Ontario
P2N 1A2

Dear Sir:

We have received data for Assaying and reports and maps for a Geological and Geochemical Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims L 620297 et al in the Township of Ingram.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours very truly,

J.R. Morton
Acting Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-1380

D. Kinvig:mc

cc: Foster Marshall
R.R.#1
Englehart, Ontario
POJ 1H0

Initial Check

Jan 16, 84 M. Anderson

Assessed

Approved Reports of Work
sent out

Notice of Intent filed

Approval after Notice of Intent
sent out

Duplicate sent to Resident
Geologist

Duplicate sent to A.F.R.O.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1KO

Agnico Eagle Mines Limited
P. O. Box 140
COBALT, Ontario
POJ 1CO

INVOICE Nº 14957

ORDER NO.

DATE October 26, 1983

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
25161	Aug. 17/83	24 Au, 24 Ag	\$ 288.00
25658	Aug. 18/83	11 Au, 11 Ag	132.00
29145	Sept. 21/83	52 Ag, 52 Cu, 52 Co, 52 As (geochemical)	416.00
30707	Sept. 28/83	24 Cu, 24 Co, 24 As (geochemical)	168.00
B795-83	Oct. 26/83	112 Cu, 112 Co, 112 As, 112 Ag (geochemical)	896.00
			<u>\$ 1,900.00</u>

RECEIVED
MINING
NOV 15 1983



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P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1K0

Agnico Eagle Mines Limited
P. O. Box 140
COBALT, Ontario
POJ 1C0

INVOICE No 14957

ORDER NO.

DATE October 26, 1983

CERTIFICATE NO.	DATE	DESCRIPTION	AMOUNT
25161	Aug. 17/83	24 Au, 24 Ag	\$ 288.0
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29145	Sept. 21/83	52 Ag, 52 Cu, 52 Co, 52 As (geochemical)	416.0
30707	Sept. 28/83	24 Cu, 24 Co, 24 As (geochemical)	168.0
B795-83	Oct. 26/83	112 Cu, 112 Co, 112 As, 112 Ag (geochemical)	896.0
			<hr/> <u>\$ 1,900.00</u>

RECEIVED
MINES
NOV 15 1983

Dec 19/83

Dear Sir;

Enclosed in duplicate are
the geological and geochemical
maps, plus work reports.

These are for an claim in
Ingram typ. (claim numbers enclosed),
file number L667058 from
report of work processed on
Nov 3, 1983.

Please forward one copy of
the map and report to the
records office in Toronto.

Thank you.

David Mack
Agnico-Eagle Mines Ltd.

2.6225

681430	✓			620299				631430	∅
31	✓			636782				31	✓
32	✓			83				32	✓
33	✓			84				33	∅
667058	✓			85				667058	∅
59	✓			667057				59	✓
642423	✓							620297	✓
24	✓							642423	✓
25	✓							24	✓
26	✓							25	✓
636786	✓							26	∅
87	✓							636786	✓
620297	✓							87	✓
98	✓							620298	∅

THE TOWNSHIP
OF
INGRAM

DISTRICT OF TIMISKAMING
LARDER LAKE MINING
DIVISION

SCALE: 1 INCH TO 40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE C.S.O. (S)
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- IMPROVED ROADS ————
- ROADS ————
- RESERVED FOR GRAVEL Res.
- LEASES (L)
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- CANCELLED C.

NOTES

400' Surface Rights Reservation around all Lakes and Rivers.

AREA SHOWN "SURFACE RIGHTS ONLY RESERVED" Sec 39(d) of the Mining Act. File: 15730.

Areas withdrawn from staking under Section 43 of the Mining Act. (R.S.O. 1970).

Order No.	File	Date	Disposition
(N)	NR W 18/75 23162	1/75	S.R.O.
		20/2/76	S.R.O.



BAYLY

Mallard Lake

Sherriff Lake

2.6225

EVANTRUJEL

PENSE

VI

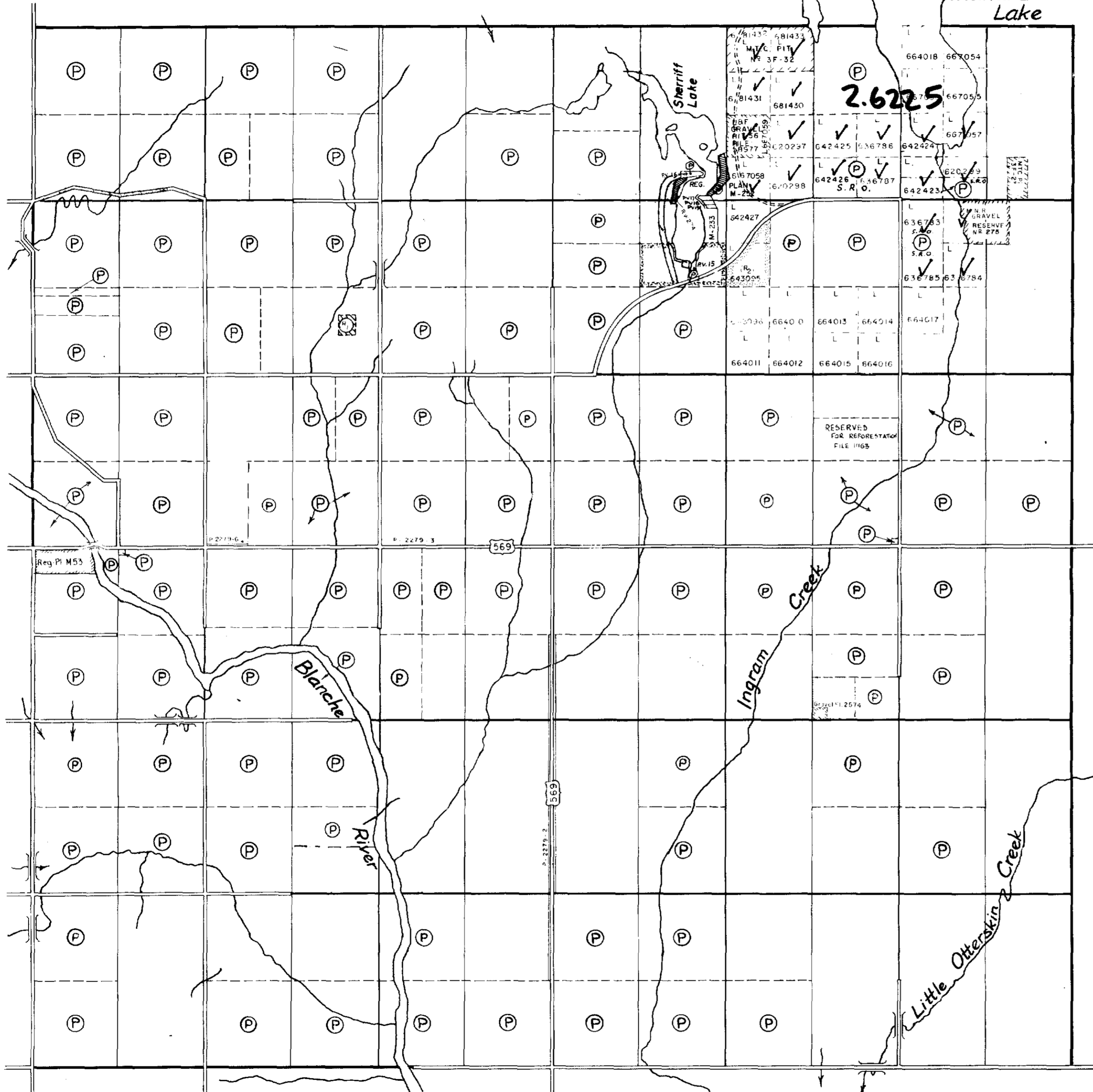
V

IV

III

II

I



1 2 3 4 5 6 7 8 9 10 11 12

HILLIARD

M.511

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



31M135E0025 2.6225 INGRAM

LOT 8

LOT 9

LOT 10

LOT 11

TWP LINE

35+00N

31+00N

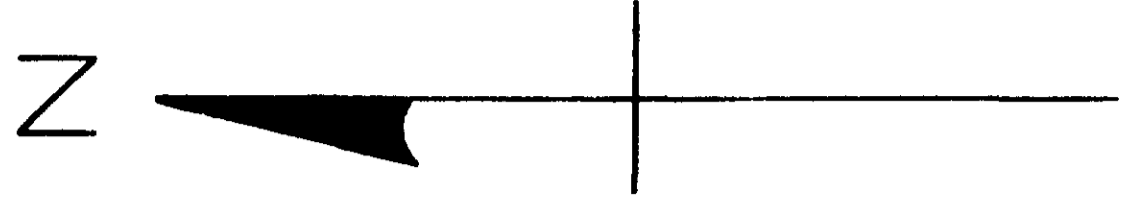
27+00N

23+00N

19+00N

15+00N

BASELINE 0+00N



CON. VI

MALLARD LAKE

OPEN FIELD

OPEN FIELD

OLD ROAD

FIELD

GLACIAL TILL

GLACIAL TILL

SPRUCE & HEMLOCK

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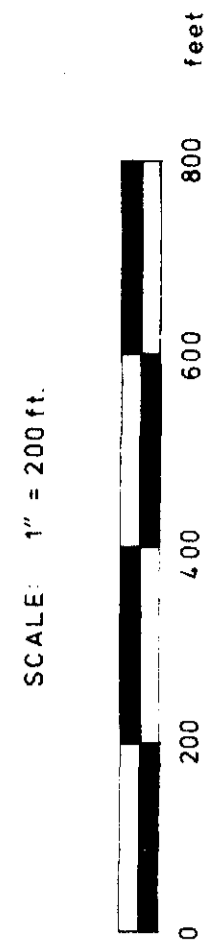
SPRUCE & HEMLOCK

SPRUCE & HEMLOCK

AGNICO-EAGLE MINES LTD.
INGRAM TWP. PROJECT

LEGEND

- MAPIC INTRUSIVE ROCK TYPES (UNFINISHED)
- DB - Dabase (Diorite)
- HURONIAN SEDIMENTS
- Pyrite - Carbon Member (inc. conglomerate, graywacke, argillite)
- GEOLOGICAL AND MINING SYMBOLS
- drill hole (w/ azimuth)
- cliff (w/ height)
- bedrock
- fracture
- shaft & depth
- scarp
- face
- seam
- sample no. & location
- interred contact
- claim post
- ven
- small pit (100ft)
- small pit
- road
- fault



SCALE 1" = 200ft

DRAWN BY: D. MAREK
DATED: SEPT 1983

David Marek