



32E13NE0075 2.5206 LOWER DETOUR LAKE

010

Westmin Resources Limited  
Magnetic Survey Nash Creek Claims  
Lower Detour Lake Area M2603  
Porcupine Mining District

NTS 32 E 13

Latitude 49°54'

Longitude 79°31'30"

**RECEIVED**

NOV 23 1982

by

**MINING LANDS SECTION**

C. J. Rockingham, B.Sc., M.Sc.  
Project Geologist

November 17, 1982.

## Introduction

The following report pertains to ground magnetic data collected by Westmin Resources Limited on the Nash Creek claims, Lower Detour Lake area (M2603) in the Porcupine Mining District. The picket line grid was re-established in February 1982 and the magnetic data was collected in March 1982.

## Property, Location and Access

The Nash Creek property of Westmin Resources consists of 28 contiguous mining claims (Table 1) which constitute 448 hectares. The property is located 130 km NNE of Cochrane, Ontario and 17.5 km SE of the Detour Lake gold mine. Access is available all year by fixed wing aircraft. In the winter it is also accessible by the winter road to the Detour Lake mine site.

Table 1

Nash Creek Claims

Owner            Westmin Resources Limited 100%

Location        Lower Detour Lake Area (M2603)  
                  Porcupine Mining District

                 Lat. 49°54'

                 Long. 79°31'30"

Property        28 mining claims (448 hectares)

<u>Claims</u>	<u>Date Recorded</u>	<u>Due Date</u>	<u>Lease Date</u>
P.575669-71	July 21, 1980	July 21, 1983	July 21, 1986
P.553626-35	Jan. 4, 1980	Jan. 4, 1983	Jan. 4, 1986
P.553642-51	Jan. 4, 1980	Jan. 4, 1983	Jan. 4, 1986
P.553658-62	Jan. 4, 1980	Jan. 4, 1983	Jan. 4, 1986

## Grid Details, Instrument and Survey Specifications

In order to facilitate geological mapping and geophysical surveys a picket line grid was cut with lines spaced 120 m apart. The total number of grid lines surveyed was 35.9 km.

An EDA PPM 300 total field magnetometer was used in conjunction with the EDA PPM 400 base station magnetometer in order to collect the field data and remove the effect of diurnal variation as well as monitor for magnetic storm activity. Accuracy of the survey data is thought to be  $\pm 5$  nT.

## Results and Interpretation

The magnetic contour map is dominated by a series of magnetic highs that occur on a line from 1+20E, 7S to 15+60W, 2S. Magnetic readings northeast of this line are generally 58,200 nT or greater with some isolated areas up to 60,000 nT. Magnetic values southwest of this line are generally less than 58,000 nT with a gentle magnetic gradient decreasing towards the southwest. These trends correspond with those defined by the government aeromagnetic survey and the Questor magnetic survey. This suggests that this is a contact between a dominantly tholeiitic mafic volcanic pile and a calc alkaline mafic or felsic volcanic pile.

Qualifications of the Author

Education:

B.Sc., 1972 University of Toronto (Biology and Chemistry)

M.Sc., 1979 University of Western Ontario (Geology)

Memberships:

Fellow Geological Association of Canada

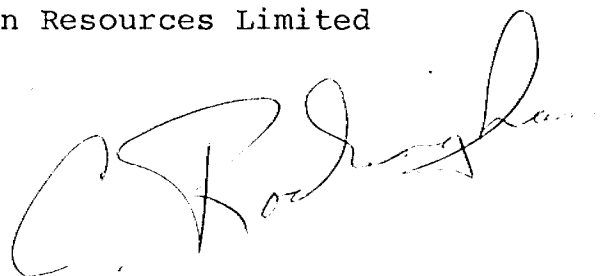
Member Canadian Institute of Mining and Metallurgy

Member Geological Association of America

Associate Member Society of Economic Geologists

Occupation:

Project Geologist Westmin Resources Limited

A handwritten signature in cursive script, appearing to read "C. F. Rodolph". The signature is written in dark ink and is positioned to the right of the typed text.



32E13NE0075 2.5206 LOWER DETOUR LAKE

900

THE MINING ACT REPORT OF WORK

type of work to be recorded.

To the Recorder of..... Porcupine ..... Mining Division  
Westmin Resources Limited ..... T-778  
I, .....  
name of Recorded Holder  
390 Bay Street, Suite 1414, Toronto, Ontario M5H 2Y2 ..... Prospector's Licence

do hereby report the performance of ..... 560 ..... days of ..... Ground magnetic .....  
Post Office Address ..... type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
P.575669-575671	incl. 20/each	.....	.....	.....	.....
P.553626-553635	incl. 20/each	.....	.....	.....	.....
P.553642-553651	incl. 20/each	.....	.....	.....	.....
P.553658-553662	incl. 20/each	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

All the work was performed on Mining Claim (s) ... See attached Schedule "A"  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment  
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Author of the Report: C. J. Rockingham  
Date of Survey : February 1, 1982 to March 24, 1982  
Instrument used : EDA PPM 300 & 400 Total Field Magnetometer  
Expenditure : \$7,832.28

Date ..... November 19, 1982 .....

*Signature*  
Signature of Recorded Holder or Agent

The Mining Act  
Certificate Verifying Report of Work

I, .....  
C. J. Rockingham  
390 Bay Street, Suite 1414, Toronto, Ontario M5H 2Y2  
.....  
(Post Office Address)

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.
- That the annexed report is true.

Dated ..... November 19 ..... 82 .....

*Signature*  
Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

Schedule "A"

Nash Creek Claim Group  
Lower Detour Lake Area  
Ground Magnetic Survey

<u>Claims</u>	<u>Days</u>
1. P.575669	20
2. P.575670	20
3. P.575671	20
4. P.553626	20
5. P.553627	20
6. P.553628	20
7. P.553629	20
8. P.553630	20
9. P.553631	20
10. P.553632	20
11. P.553633	20
12. P.553634	20
13. P.553635	20
14. P.553642	20
15. P.553643	20
16. P.553644	20
17. P.553645	20
18. P.553646	20
19. P.553647	20
20. P.553648	20
21. P.553649	20
22. P.553650	20
23. P.553651	20
24. P.553658	20
25. P.553659	20
26. P.553660	20
27. P.553661	20
28. P.553662	20

EXPENDITURE BREAKDOWN

NASH CREEK - GROUND MAGNETIC

Rechaining (Phanton Expl.) \$1,741.88

Salary ,Accommodation, Food

R.Evoy, February 21 days-rechainig \$1,044.40  
March 15 days-mag. survey 746.00

Equipment Rental (internal)

Magnetometer \$2,400.00

Truck \$1,900.00

Total: \$7,832.28





# PHANTOM EXPLORATION

R.R. #14, ALICE AVE., THUNDER BAY, ONT.

RES: 807-623-8916 BUS: 807-767-4671

DETOUR PROJECT

WESTMIN RESOURCES LTD  
 SUITE 1414  
 390 BAY ST.  
 TORONTO, ONT.

DATE OF INVOICE FEB 11/92

INVOICE NO. 012

SURVEY	DESCRIPTION	RATE	AMOUNT
	DETOUR GRID.		
CHAINING	62.5 km.	\$75/km	\$4,687.50
	66.8 km.	\$150/km.	\$10,020.00
CHAINING	2 MANDAYS	\$150/day	\$300.00
	NASH CREEK GRID.		
	23.225 km.	\$75/km.	\$1,741.88
CHAINING, MAX-MIN	23.225 km.	\$150/km	\$3,483.75
	SUNDAY LAKE GRID.		
CHAINING MAX-MIN LINE CUTTING	30.275 km.	\$75/km	\$2,270.63
	28.675 km.	\$150/km	\$4,301.25
	TORONTO TRIP REFERENCE TO JACK BETZ.		\$100.00
			\$290.00
	TOTAL		27,240.00

WESTERN MINES LIMITED

FIELD EQUIPMENT LIST

MONTH August 1972

1976 + Prior Purchases:

<u>ITEM</u>	<u>COST</u>	<u>RENTAL RATE</u>	<u>PROJECT</u>
Zodiac Boat + 20 H.P. Motor	\$ 4,580		
Miscellaneous Tents, Fly, Frames, Doors, etc.	10,000		
Honda Generator	649		
12 cu.ft. Baycrest Freezer	229		
(1 Monarch Pump plus 15 feet suction hose)	306		
25 Gal. Propane Tank	145		
1 Stikl Auger	1,147		
1 Trager Radio plus 3 Antennas	2,294		
1 Spectra 44 Gamma Ray Spectrometer	5,364		
2 TV1A Gamma Ray Spectrometer	3,227		
1 TV1A Gamma Ray Spectrometer	895		
3 Browning Rifles GLR308W	829		
1 Browning Rifle	300		
* 4 Exploranium GRS101 Scints	* 5,155		
1 Scintrex G1S-3 Spectrometer	800		
2 Adapters for Scints	103		
3 Augers + bits	522		
3 SBX11 Radios * Antennas	1,500	40	RL
1 Range & Fridge	947		
1 Radon Detector + Cells #1115	3,600	150	RL
Miscellaneous Tents (Toronto)	2,000		
Pack Sacks	287		
3 Pr. Snow Shoes	75		
2 Sleeping Bags	500		
2 Coleman Stoves + 2 Lamps	100		
1 M-700 Fluxgate Magnetometer	1,900		
1 Geonics EM-16 Unit	451		
1 EDA RDU-200 Degassing Unit #1121	1,650	100	RL
Balance of non-described assets	1,999		

C/fwd..

\* (Cost 1976 \$4,199  
Modification 1977) 736  
\*\$5,155

1978 Field Equipment Additions

<u>IT</u>	<u>COST</u>	<u>RENTAL RATE</u>	<u>PROJECT</u>
9) Sratts (+ Duty & Royalty) (\$3,685)	see below *		
Scuba Gear	2,600		
Scint Underwater Housing	683		
Scint Cases	811		
Snowmobile (Alpine)	2,575	- Traded In Feb. 16, 1979	
Traeger Radio (SSB50C) & Antennas	2,214		
Browning #308 Serial #1B035	290		
McPhar Crystal Package	4,680		
1976 2 HP Johnson O/B )			
1976 2 HP Johnson O/B )	1,010		
1976 6 HP Johnson O/B )			
Johnson O/B (Carter Boat) 4 H.P.	421		
Spectra Acquisition System	13,960		
Alpha Cups	10,000		
(9) Sratts Scintillometers (\$21,437)	25,122 *		
Grumman 17' Boat (Bannerman) )			
Grumman 19' Boat (Bannerman) )	2,074		
Grumman 17' Boat (Mountain Shop)	519		
Smit Drill (SN 77114) + Rods, Core board, etc..	1,998		
200 Radon Detector (1240)	3,950	200	RL
Radon Cells	200		
Smit Drill (SN 77136) + Rods & Bits	1,226		
Diving Equipment	416		
Scuba Equipment	982		
Stereomicroscope	1,350		
Soil Probe RD X 356	262		
POH 3 Microscope Comb.	5,470		
<u>TRUCK</u>	7,037	800	Bond.
78 <u>1978 Field Equipment Additions</u>			
(2) Binocular 8x20 & Monocular 8x20	735		
Guncraft - 4 Gun Cases	118		
RDX 318 Metal Hand Pump	111		
Accessories for Probe	1,263		
McPhar: Mod. Marine 6x4 Probe System	386		
(2) RDX-356 29" Probes	504		
Sutherlands Marine & Equip-Chain Saw	177		
McPhar-Down Hole Probe & Accessories	1,591		

1978 Field Equipment Additions:

<u>ITEM</u>	<u>COST</u>	<u>RENTAL RATE</u>	<u>PROJECT</u>
EDA Instruments - RUD 200 Serial #1314	\$ 842.00		
Lowenberg Auto - Elan Skidoo #03581	1,419.69		

1979 Field Equipment Additions:

2) Cdn. Can-Tex - PDJ-4 Insulated Tents	3,514.56	100 255	RLN Detour
Mount Sopris Inst. - Model 1000C Logger	12,291.89		
Lowenberg Auto - Olympia Skidoo Ser. #3147-03593 c/w Access.	2,226.00	200	RLN
Hansen Weatherport - DP1530HD Tent c/w Accessories	3,843.86		
Hudson's Bay Co. - Furniture for La Ronge Apt.	2,532.45		
Atlantic Speedy Propane Ltd. - Jiffie Range and Refrigerator	588.64		
Mount Sopris Inst. - Model 1000C Logger	13,614.62		

1980 Field Equipment Additions:

2) Campbell North - 4309 Stihl Power Units c/w flights, bits, extensions	1,909.46	100	RLN
L&D Sports Centre - Honda 3500 Watt Generator Serial #1028021	1,575.00	150	RL
Skinner Sports - 308-760 ADL Pump Rim 308 B7189619 Rifle c/w 308 Clip	442.32		
Skinner Sports - 30-760 ADL Pump Rim 308 B7186112 Rifle c/w 308 Clip	442.32		

1981 Field Equipment Additions:

Rolland Roy - Honda Generator	661.80		
EDA - GRS-400 Integral Spectrometer/ Scintillometer Serial #374	2,574.62		
Hansen Weatherport - Tents c/w Accessories (Duty, Frt. Incl.)	20,709.44		

Old Equipment Additions:

<u>Item</u>	<u>Cost</u>	<u>Rental Rate</u>	<u>Project</u>
L&D Sports Centre - P28 Pioneer Chain Saw	\$ 435.38		
Elgin Motors - 1981 Ford Bronco	12,591.82	<u>1400</u>	<u>Detour</u>
EDA Instruments - Magnetometer	16,083.00	<u>4000</u>	<u>Detour</u>
<u>1982 Field Equipment Additions:</u>			

DETOUR 311 \$ 2655.00  
 1900.00

RENT

800.00  
 5 355.00

# WESTERN MINES LIMITED

DIVISION EASTERN OFFICE

## SALARY DISTRIBUTION -- EXPLORATION

Employee Richard Euby

Month February 19 82

Project/Location	AFE No.	Day	Project/Location	AFE No.
Detour / Detour Lake		16	Detour / Rouyon	
—— " ——		17	Detour / LaSarre	
—— " ——		18	Bertrand / Lac Bertrand	
—— " ——		19	—— " ——	
—— " ——		20	Detour / Detour Lake	
—— " ——		21	Base Metals Generative / Lac Quissagami	1.5
—— " ——	1.5	22	Detour / Detour Lake	
—— " ——		23	—— " ——	
—— " ——		24	—— " ——	
—— " ——		25	Turgeon / Lac Combaluzier	
—— " ——		26	—— " ——	
—— " ——		27	—— " ——	
—— " ——		28	—— " ——	1.5
—— " ——	1.5	29		
—— " ——		30		
		31		

Bonus days earned\* ..... 6.0  
 Cumulative bonus days previous month ..... 7.5  
 Bonus days taken ..... \_\_\_\_\_  
 Cumulative bonus days this month ..... 13.5

Distribution: Project	Total Days	%
Detour	21	75%
Bertrand	2	7.1%
Base Metals Generative	1	3.6%
Turgeon	4	14.3%

\* The basic work week is 5½ days per week  
 Vacation days taken ..... \_\_\_\_\_  
 Sick days taken ..... \_\_\_\_\_

APPROVED: *[Signature]*

SPECIAL CODE  
 P -- Public holiday;    V -- Paid vacation;    S -- Sick;    B.D. -- Bonus days taken.







2.5206

1983 07 07

2.5206

Mr. William L. Good  
Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

RE: Geophysical (Magnetometer) Survey on Mining Claims P 575669  
et al in the Lower Detour Lake Area

---

The Geophysical (Magnetometer) Survey assessment work credits  
as shown on the attached statement have been approved as of  
the above date.

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

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: (416) 965-1380

D. Kinvig:mc

Attach:

cc: Westmin Resources Limited  
390 Bay Street  
Suite 1414  
Toronto, Ontario  
M5H 2Y2

cc: Resident Geologist  
Timmins, Ontario

WESTMIN RESOURCES LIMITED  
PROJECT AFE (EASTERN REGION)

Project	DETOUR	Month	MARCH	
A.F.E.		Year	1982	
		Current Month	Amount To Date	Total Budget
<b>LAND COSTS</b>				
101	Option/Property Acquisition Costs...			
105	Finders Fee.....			
110	Staking Costs.....			
115	Legal Surveys.....		25.00	
120	Recording Fees.....			
125	Holding Fees.....			
	<b>TOTAL ACQUISITION COSTS</b>		25.00	
<b>EXPLORATION COSTS</b>				
<b>Contractors</b>				
201	Geophysical.....		29,160.21	
202	Geological.....			
205	Linecutting.....	14,000.00	14,000.00	
210	Surveying.....			
216	Diamond Drilling.....	169,704.56	169,704.56	
221	Percussion Drilling.....	21,338.25	22,975.25	
230	Geochemical.....			
235	Bulldozing, Trenching.....			
240	Other Contractors.....			
245	Contract Labour.....		48.00	
250	Charter Flying - Fixed Wing.....	968.00	4,230.20	
255	- Helicopter.....			
	<b>SUB-TOTAL</b>	206,010.81	240,118.22	
<b>Project Field Costs</b>				
301	Camp Expense - Food.....	1,494.00	2,062.79	
305	Materials & Supplies.....	726.65	5,038.45	
310	Equipment Rentals - External.....	644.59	644.59	
311	- Internal.....	2,655.00	6,610.00	
315	Non Capital Equipment.....		2,120.00	
320	Equipment Maintenance.....	295.00	295.00	
325	Fuel (Excluding vehicles).....	143.98	1,127.22	
330	Freight.....	323.37	1,707.76	
335	Assay & Geochem.....	3,281.75	3,470.55	
	<b>SUB-TOTAL</b>	9,564.34	23,076.36	
<b>Engineering</b>				
408	Environmental Land Use.....			
	Other.....			
	<b>SUB-TOTAL</b>			
<b>Administrative</b>				
801	Contract Technical Help.....			
802	Salary - Permanent Technical.....	4,694.00	13,309.00	
800	Fringe Benefits @ 34.0%.....	1,596.00	4,525.00	
804	Salary - Temporary Technical.....	1,738.00	3,625.00	
821	Fringe Benefits @ 17.0%.....	295.00	616.00	
827	Travel & Subsistence.....	1,352.21	2,403.79	
830	Entertainment.....		60.75	
845	Automotive Gas & Repairs.....	400.17	1,023.66	
848	Automotive Expense.....	1,900.00	5,400.00	
850	Telephone Communications.....		122.00	
856	Office Supplies.....			
863	Drafting Materials.....			
864	Maps & Reports.....	63.15	132.75	
878	Computer Service.....			
895	Project Management Fees.....			
896	Project Overhead Costs.....	22,761.37	29,443.76	
899	Project Accruals.....	(3,000.00)	60,000.00	
	<b>SUB-TOTAL</b>	31,799.90	120,661.71	
	<b>TOTAL PROJECT COST</b>	247,375.05	383,881.29	
<b>Recoveries</b>				
950	Joint Venture Recoveries.....			
	<b>NET PROJECT COST</b>	247,375.05	383,881.29	





Ontario

2.5206

P-553626

Ministry of Natural Resources

Notification of recording

of assessment work credits **RECEIVED**

DEC - 2 1982

**MINING LANDS SECTION**

Lands Administration Branch  
Mining Lands Section  
Ministry of Natural Resources  
Room 1617, Whitney Block  
Queen's Park, Toronto  
M7A 1W3

Date of recording of work: November 24, 1982

Recorded holder: Westmin Resources Limited  
390 Bay Street, Suite 1414,  
Address: Toronto, Ontario M5H 2Y2

Township or Area: LOWER DETOUR LAKE AREA M-2603

Type of survey and number of Assessment days credit per claim	Mining claims
Geophysical	P-575669 to P-575671 incl.
Electromagnetic _____ days	P-553626 to P-553635 incl.
Magnetometer <u>20</u> days	P-553642 to P-553651 incl.
Radiometric _____ days	P-553658 to P-553662 incl.
Induced polarization _____ days	
Section <u>22 19</u> <u>US (43)</u> days	
Geological _____ days	
Geochemical _____ days	
Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/>	
Special provision <input checked="" type="checkbox"/> Ground <input type="checkbox"/>	

Notice to recorded holder:

Survey reports and maps in duplicate be submitted to the Lands Administration Branch, Toronto within 60 days from the date of recording of this work.

Reports and maps are being forwarded to the Lands Administration Branch with this letter.

Mining recorder  
Regional Mining Recorder  
c.c. Westmin Resources Limited.



1982 12 06

2.5206

Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

We have received reports and maps for a Geophysical  
(Magnetometer) Survey submitted under Special Provisions  
(credit for Performance and Coverage) on Mining Claims  
P 575669 et al in the Area of Lower Detour Lake.

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

Yours very truly,

E.F. Anderson  
Director  
Land Management Branch

Whitney Block, Room 6450  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-1380

DW:sc

cc: Westmin Resources Limited  
390 Bay Street  
#1414  
Toronto, Ontario  
M5H 2Y2  
Attn: C.J. Rockingham.



Westmin Resources Limited  
Suite 1414, 390 Bay Street  
Toronto, Ontario, Canada  
M5H 2Y2  
416 364-8116 Telex: 06-22072

November 19, 1982.

Ontario Ministry of Natural Resources,  
Lands Admin. Branch,  
Whitney Block, Room 6450,  
Queen's Park,  
Toronto, Ontario.  
M7A 1X1.

**RECEIVED**  
NOV 23 1982  
MINING LANDS SECTION

Attention: Mr. F. Matthews

Dear Sir:

Please find enclosed in duplicate the Magnetic Survey Nash Creek claims report in Lower Detour Lake Area. The Mining Act Report of Work has been forwarded to the Mining Recorder in Timmins.

I hope you will find everything in order.

Yours truly,

WESTMIN RESOURCES LIMITED

A handwritten signature in cursive script, appearing to read "S. Kuprejanov".

(Mrs.) S. Kuprejanov,  
Administrative Geologist.

SK/hmc  
Encl.





GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS -- If more than one survey, specify data for each type of survey

Number of Stations 1436 Number of Readings 1436
Station interval 25 m Line spacing 120 m
Profile scale n.A.
Contour interval 200 nT

MAGNETIC

Instrument EDA PPM 300 and 400 TOTAL FIELD MAGNETOMETER
Accuracy - Scale constant +/- 5nT
Diurnal correction method linear interpolation algorithm
Base Station check-in interval (hours) 10 sec
Base Station location and value 58,000 nT (Brodley Bros. camp on winter road west of Lower Detour Lake)

ELECTROMAGNETIC

Instrument
Coil configuration
Coil separation
Accuracy
Method: [ ] Fixed transmitter [ ] Shoot back [ ] In line [ ] Parallel line
Frequency (specify V.L.F. station)
Parameters measured

GRAVITY

Instrument
Scale constant
Corrections made
Base station value and location
Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument
Method [ ] Time Domain [ ] Frequency Domain
Parameters - On time Frequency
- Off time Range
- Delay time
- Integration time
Power
Electrode array
Electrode spacing
Type of electrode

SELF POTENTIAL

Instrument \_\_\_\_\_ Range \_\_\_\_\_

Survey Method \_\_\_\_\_

Corrections made \_\_\_\_\_

RADIOMETRIC

Instrument \_\_\_\_\_

Values measured \_\_\_\_\_

Energy windows (levels) \_\_\_\_\_

Height of instrument \_\_\_\_\_ Background Count \_\_\_\_\_

Size of detector \_\_\_\_\_

Overburden \_\_\_\_\_

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL, LOGGING ETC.)

Type of survey \_\_\_\_\_

Instrument \_\_\_\_\_

Accuracy \_\_\_\_\_

Parameters measured \_\_\_\_\_

Additional information (for understanding results) \_\_\_\_\_

AIRBORNE SURVEYS

Type of survey(s) \_\_\_\_\_

Instrument(s) \_\_\_\_\_  
(specify for each type of survey)

Accuracy \_\_\_\_\_  
(specify for each type of survey)

Aircraft used \_\_\_\_\_

Sensor altitude \_\_\_\_\_

Navigation and flight path recovery method \_\_\_\_\_

Aircraft altitude \_\_\_\_\_ Line Spacing \_\_\_\_\_

Miles flown over total area \_\_\_\_\_ Over claims only \_\_\_\_\_

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Number of Samples \_\_\_\_\_

Type of Sample \_\_\_\_\_  
(Nature of Material)

Average Sample Weight \_\_\_\_\_

Method of Collection \_\_\_\_\_  
\_\_\_\_\_

Soil Horizon Sampled \_\_\_\_\_

Horizon Development \_\_\_\_\_

Sample Depth \_\_\_\_\_

Terrain \_\_\_\_\_  
\_\_\_\_\_

Drainage Development \_\_\_\_\_

Estimated Range of Overburden Thickness \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

General \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ANALYTICAL METHODS

Values expressed in:      per cent        
   p. p. m.        
   p. p. b.     

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others \_\_\_\_\_

Field Analysis (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Field Laboratory Analysis

No. (\_\_\_\_\_ tests)

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

Commercial Laboratory (\_\_\_\_\_ tests)

Name of Laboratory \_\_\_\_\_

Extraction Method \_\_\_\_\_

Analytical Method \_\_\_\_\_

Reagents Used \_\_\_\_\_

General \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Schedule "A"

Nash Creek Claim Group  
Lower Detour Lake Area  
Ground Magnetic Survey

<u>Claims</u>	<u>Days</u>
1. P.575669	20
2. P.575670	20
3. P.575671	20
4. P.553626	20
5. P.553627	20
6. P.553628	20
7. P.553629	20
8. P.553630	20
9. P.553631	20
10. P.553632	20
11. P.553633	20
12. P.553634	20
13. P.553635	20
14. P.553642	20
15. P.553643	20
16. P.553644	20
17. P.553645	20
18. P.553646	20
19. P.553647	20
20. P.553648	20
21. P.553649	20
22. P.553650	20
23. P.553651	20
24. P.553658	20
25. P.553659	20
26. P.553660	20
27. P.553661	20
28. P.553662	20

## WORKSHEET

2.5206

Schedule "A"

Nash Creek Claim Group  
 Lower Detour Lake Area  
 Ground Magnetic Survey

<u>Claims</u>	<u>Mag.</u>	<u>Days</u>
1. P.575669	ly. accepted	20
2. P.575670	✓	20
3. P.575671	✓	20
4. P.553626	✓	20
5. P.553627	✓	20
6. P.553628	✓	20
7. P.553629	✓	20
8. P.553630	✓	20
9. P.553631	✓	20
10. P.553632	✓	20
11. P.553633	✓	20
12. P.553634	✓	20
13. P.553635	✓	20
14. P.553642	✓	20
15. P.553643	✓	20
16. P.553644	✓	20
17. P.553645	✓	20
18. P.553646	✓	20
19. P.553647	✓	20
20. P.553648	✓	20
21. P.553649	✓	20
22. P.553650	✓	20
23. P.553651	✓	20
24. P.553658	✓	20
25. P.553659	✓	20
26. P.553660	✓	20
27. P.553661	✓	20
28. P.553662	✓	20

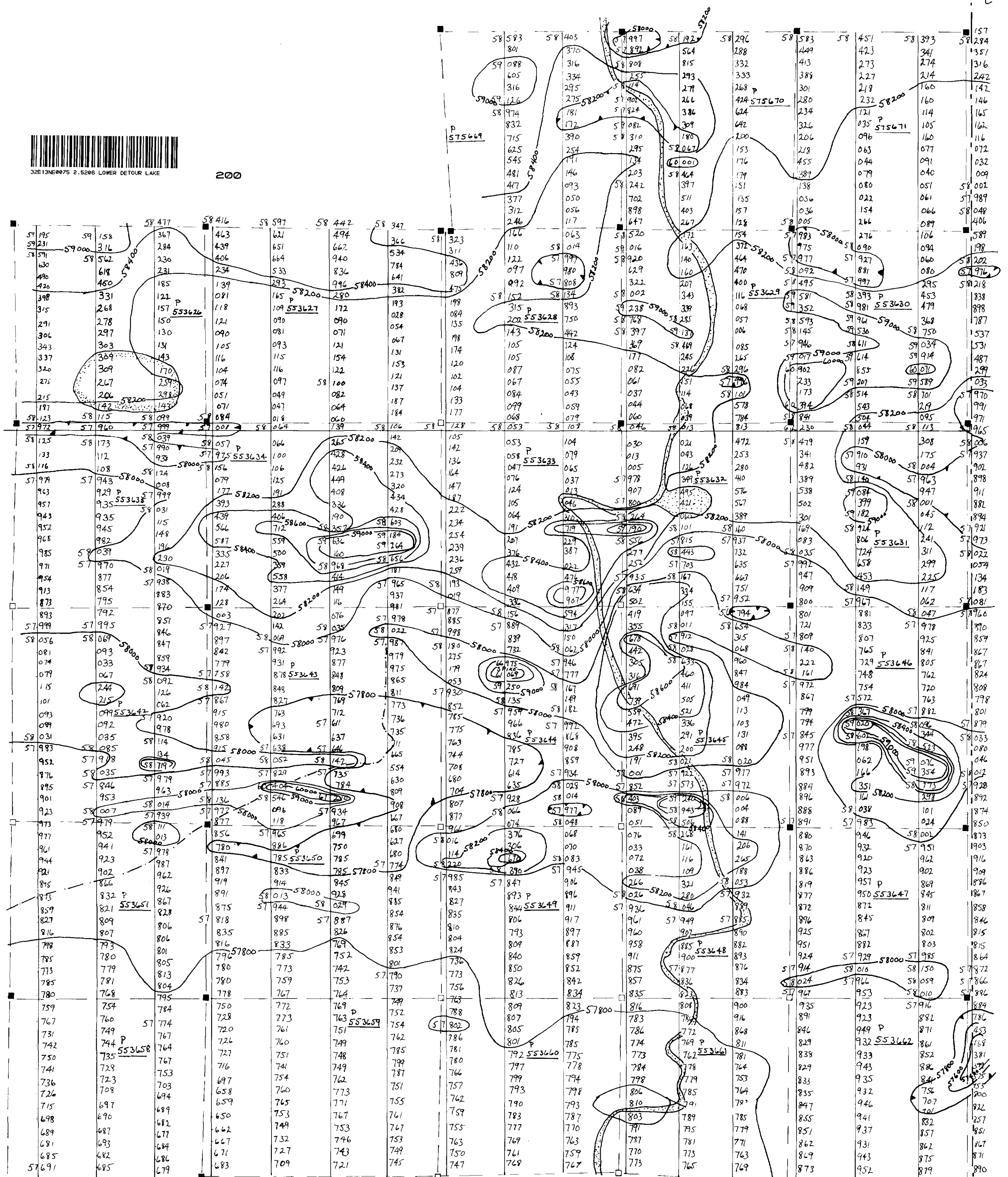
D.K.

19+20w 18+00w 16+80w 15+60w 14+40w 13+20w 12+00w 10+80w 9+60w 8+40w 7+20w 6+00w 4+80w 3+60w 2+40w 1+20w 0+00w

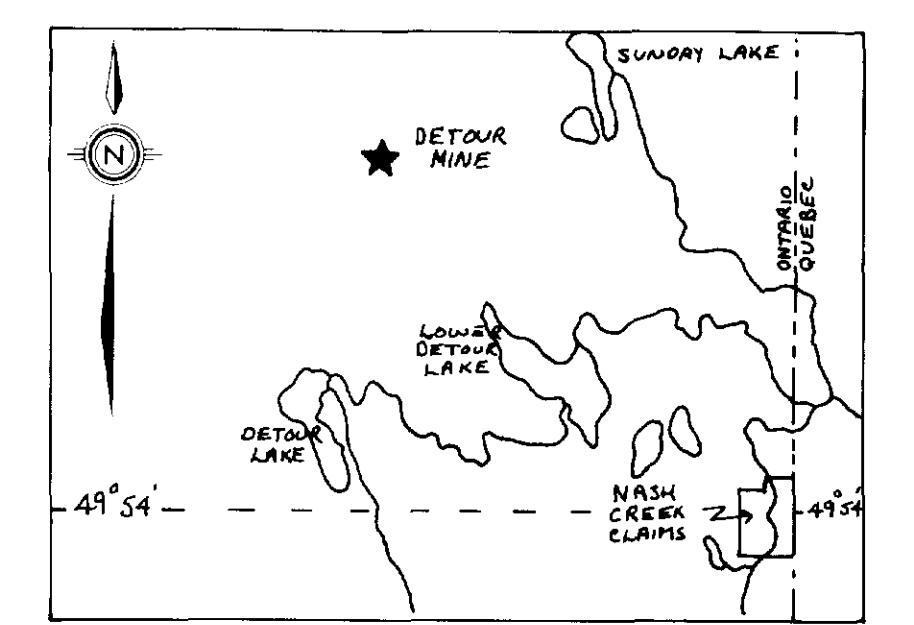
9N  
8N  
7N  
6N  
5N  
4N  
3N  
2N  
1N  
B.L.  
1S  
2S  
3S  
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6S  
7S  
8S  
9S  
10S  
11S  
12S  
13S  
14S  
15S



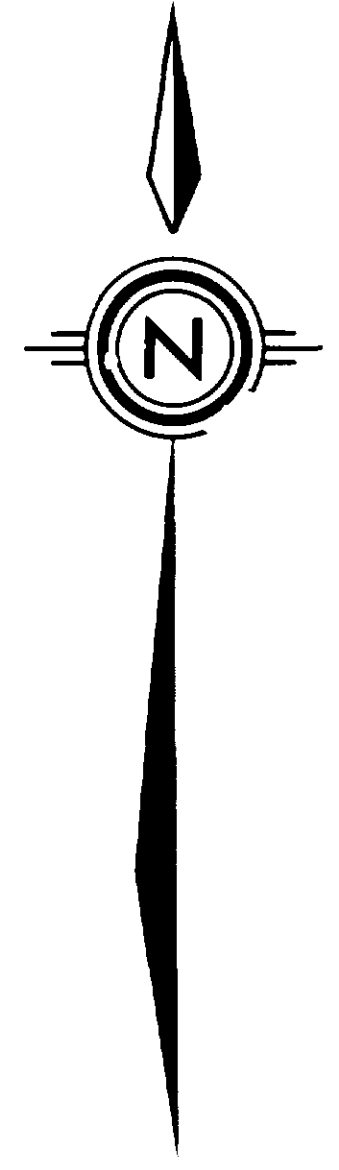
200



- POND
- CREEK
- CLAIM POST (ASSUMED LOCATION)
- CLAIM POST (LOCATED)
- DRILL ROAD
- 58200 - MAGNETIC CONTOUR
- P CLAIM NUMBER
- SS3646



0 100 200m



**WESTMIN** Westmin Resources Limited  
EASTERN CANADA MINING DIVISION

DETOUR PROJECT  
NASH CREEK CLAIMS  
MAGNETOMETER SURVEY

Work by R. EVOY  
Date FEB, MARCH 1982

Scale 1:5,000  
NTS 32 E 13