

NASH LAKE ASSESSMENT REPORT
ON LINECUTTING AND GEOPHYSICS
COMPLETED DURING THE WINTER
OF 1990

RECEIVED

N.T.S. 32 E/13

Latitude 49°52'N

Longitude 79°32'W

JUN 1 8 1990

MINING LANDS SECTION

April 1990

Alan O'Connor, B.Sc.

32E13SE0004 2.13373 ATKINSON LAKE

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Certification

File Name: NASH.REP

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1.0 <u>Summary</u>:

The Nash Lake property consists of 14 contiguous mining claims covering 224 ha in the Atkinson Lake district, Detour Lake Mine area in northeastern Ontario. The property is located 150 km NE of Cochrane, Ontario and 15 km south of the Detour Lake Mine.

Previous work on the property consisted of a vertical loop E-M survey, a magnetic survey and a one hole diamond drill program completed by Noranda in the mid to late 1970's. During the summer of 1989, Westmin Mines completed a program of linecutting and geological mapping on the eastern portion of the claim block.

The 1990 program consisted of linecutting (9.53 km) followed by magnetometer (15.87 km) and Max-Min II (14.08 km) surveys. In addition, 4 claims were staked to cover the eastern extension of an electromagnetic anomaly located on the Nash Lake grid.

Table 1
Work Summary

Year	Cut-Line (km)	Mag (km)	Max-Min II (km)
1989	5.5	-	_
1990	9.53	15.87	14.08
Total:	15.03	15.87	14.08

2.0 <u>Recommendations</u>:

Results from both the previous diamond drilling and the 1990 geophysical program indicate that additional work in the form of diamond drilling (300m/2 holes) is required to test the economic potential of this property. Furthermore, the pickets from the winter-cut portion of the grid should be stood up during the summer in order to re-establish the grid for winter use. A budget of approximately \$45,000 is proposed.

3.0 Introduction:

This report details the work completed during the 1990 winter field program and presents an evaluation of the data collected. The report is based upon data gathered by Thibault Exploration Services of Timmins, Ontario during March and early April of 1990.

3.1 Location, Access and Topography

The Nash Lake property is located approximately 150 km northeast of Cochrane, Ontario (N.T.S. 32 E/13) at the Quebec-Ontario border 15 km southeast of the Detour Lake minesite (figs. 1,2). The property may be accessed by fixed wing-float or ski equipped aircraft, rotary winged aircraft or by tracked allterrain vehicles. Fixed wing and rotary winged bases are located in both Cochrane, Ontario and La Sarre, Quebec. An all-weather gravel road connecting Cochrane with the Detour Lake mine site can be used to reach the general project area. From the mine site, a winter road which leads to Lac Gagnon near La Sarre, Quebec, passes within 2 km of the claim block. Although the road is no longer maintained, it is still in good condition. During the summer, an amphibious, tracked vehicle, such as an Argo, can be used for access while snowmobiles and heavy equipment (skidders, etc.) may be used in the winter. An old drill road joins the main road with the grid.

Topographically, the region is characterized by low relief with much of the area covered by fen and string bog. Outcrop is sparse due to a blanket of overburden and muskeg which extends over a large portion of this region. Vegetation is typical of the boreal forest with much of the region covered by stands of black spruce and small areas of poplar. To date, there has been no harvesting of trees in this vicinity. The area is drained by small creeks and rivers with the Detour River being the largest in the district.

3.2 Land Status

The Nash Lake group consists of 14 contiguous mining claims which cover an area of 224 ha (fig.3). Westmin Mines Ltd. holds a 100% equity interest in the property.

3.3 Previous Work

Only a minimal amount of recorded work was found for the Nash Lake claim group.

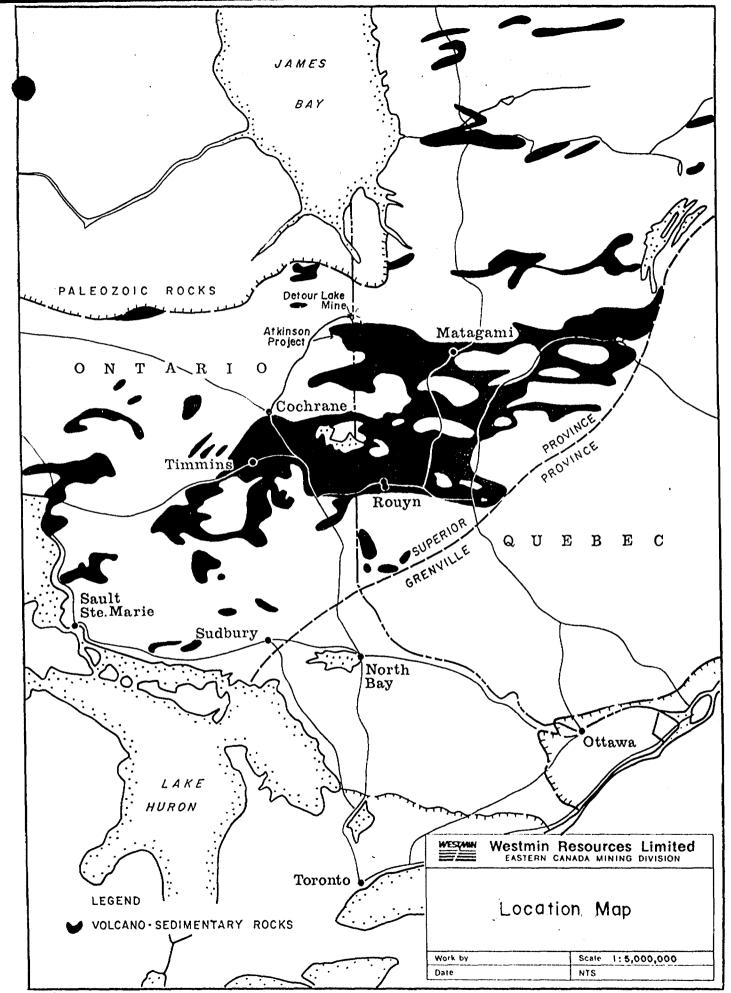


Figure 1

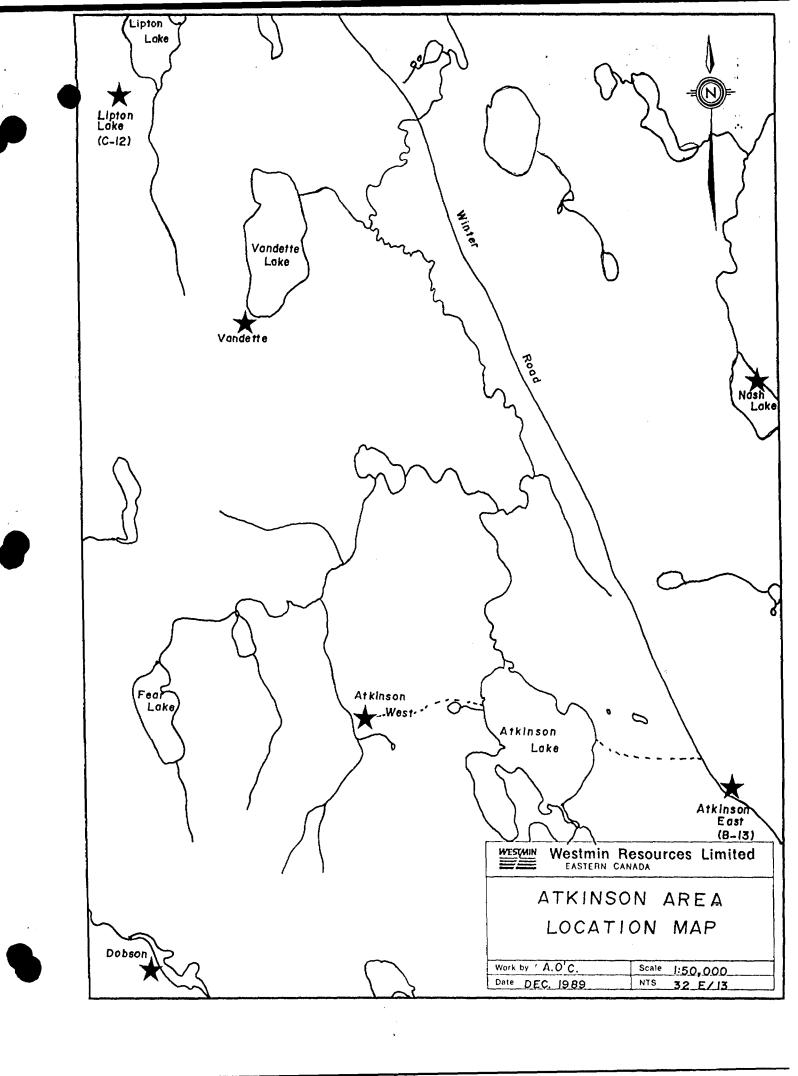


TABLE 2

NASH LAKE - PROPERTY STATUS

Location: Atkinson Lake Area (G-1626),

Porcupine Mining Division, Ontario

N.T.S. 32-E-13 Lat. 49 52'N Long. 79 32'W

Equity: Westmin Mines Limited 100%

	Claims	Recording Date	Lease Due	Assessment Work Due	Work Filed	Granted Extension to
	P.1090103	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
	P.1090104	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
	P.1090105	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
,	P.1090106	1 March 1989	1 March 1995	1 March 1991	33.7	dies and they have the their dies file has the hosp
	P.1090107	1 March 1989	1 March 1995	1 March 1991	33.7	duck there are a little trace dates date. While there their dates
	P.1090108	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
	P.1090109	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
	P.1090111	1 March 1989	1 March 1995	1 March 1990	Nil	4 Sept.1990
	P.1090112	1 March 1989	1 March 1995	1 March 1991	33.7	
	P.1090113	1 March 1989	1 March 1995	1 March 1991	33.7	
	P.1128775	6 April 1990	6 April 1996	6 April 1991	Nil	was the time that the time the time the time the
	P.1128776	6 April 1990	6 April 1996	6 April 1991	Nil	are this can put gar gap gap talk that this time
	P.1128777	6 April 1990	6 April 1996	6 April 1991	Nil	gag den der sam gap gap dan dire bait dier aus
	P.1128778	6 April 1990	6 April 1996	6 April 1991	Nil	And the time and they spec man SEP Styl 1000 Str.

14 claims = 224 ha (560 ac)

27 April 1990

Date:

Nash Lake. Ontario

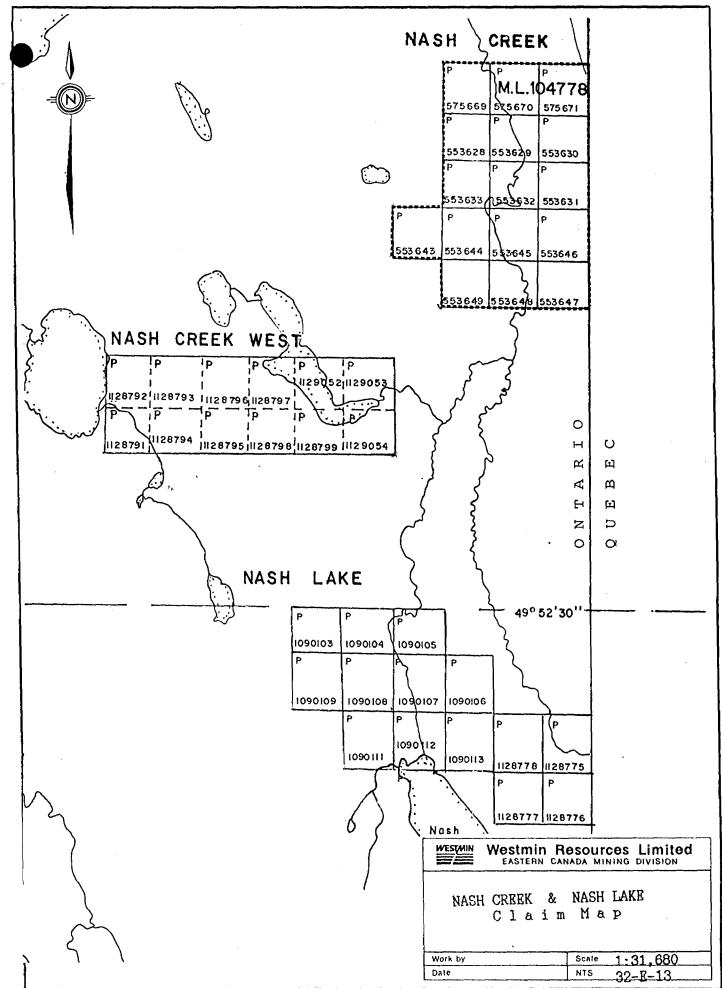


Figure: 3

1976 (2.2060):

Noranda completed a vertical-loop electromagnetic survey as well as a magnetic survey on the property over grid with a 400 foot (120 metre) line spacing. Two conductive trends were delineated by the E-M survey, one located directly beneath Nash Lake, the other located to the north. A linear magnetic high was found to be coincident with the northern conductive trend.

1979 (Rept.#29): One diamond drill hole (79-2) located at 720E/275S was drilled to test the northern conductive trend. This hole, drilled to a depth of 123.7m, intersected mafic and felsic volcanics and volcaniclastics.

1989:

During the summer of 1989, Westmin Mines completed a linecutting (5.5 km) and geological mapping program on 4 claims at the east side of the claim block. Lines were cut at 120m interval with a picket spacing of 20m. The property was geologically mapped, however no outcrop was found.

3.4 1990 Work Program

During March and April of 1990, a field program consisting of linecutting (9.5 km) followed by magnetometer (15.9 km) and Max-Min II (14.08 km) surveys was completed on the Nash Lake claim block. The objective of this program was to outline conductive and magnetic trends for the purpose of drill target delineation.

In addition to this work, 4 claims were added to the eastern edge of the group in order to cover the extension of an electromagnetic conductor.

4.0 <u>Regional Geology</u>:

The Atkinson area is underlain by the northern belt of a folded supracrustal sequence with the main volcanic-sedimentary sequence occurring to the west in Quebec. The belt, which is Archean in age, has undergone regional and contact metamorphism ranging from upper greenschist to almandine-amphibolite facies rank.

The belt is composed of a metavolcanic-sedimentary sequence with a basal unit of felsic to intermediate volcanics. Overlying the felsic volcanics is a sequence of metasediments followed by mafic to intermediate flows and pyroclastics. Stratigraphically above this unit are interbedded felsic to intermediate volcanics and mafic to intermediate volcanics and metasediments. At the top of the stratigraphic sequence is a unit of metasediments with mafic flows and graphitic tuffs and metasediments which commonly contain anomalous concentrations of sulphides.

The area is surrounded by quartz-monzonite batholiths with a large gabbroic intrusion occurring in the Detour Lake area. Finally, the area possesses several diabase dykes which crosscut all other rocks and structures (Johns, 1982).

4.1 Economic Geology

The most significant ore deposit in the project area is the Detour Lake gold mine which is located 15 km to the north of the property. Currently this deposit contains 7.3 mt at 5.4 g/t Au.

The main zone of mineralization of the deposit is hosted within the basal part of the mafic flow sequence, the upper part of the ultramafic zone and within the intermediate and cherty tuff horizon located between the two preceding units. The gold is associated with chalcopyrite in the metavolcanic rocks as well as in the mineralized quartz veins which occur above the main zone (Johns, 1982).

Alteration in the vicinity of the deposit consists of:

- a) talc-carbonate alteration of the ultramafic rocks
- b) chloritic alteration of the basalts
- c) potassic alteration in the cherty tuff
- d) intense biotite alteration of the basalts

5.0 <u>Linecutting</u>:

9.53 km of line was cut on the Nash Lake claim group during the spring field program. A tie line (300S) was cut at 150 degrees with crosslines put in at a 100 metre interval. Pickets were placed along the line at a 20 metre interval. With the 1989 linecutting included, the total amount of cut line on the Nash Lake grid is 15.87 km.

6.0 Geophysical Program: (Figure 4)

6.1 Magnetometer Survey

A magnetometer survey, which covered the entire Nash Lake grid (15.875 km) was completed using a GEM 65M8 magnetometer. Readings were taken every 20m along the crosslines and along the baseline as well in order to determine the diurnal magnetic variation. The data was plotted and contoured using the Geopak software program. Two magnetic anomalies were found to occur coincident with the electromagnetic conductors described below.

6.2 Max-Min II

A total of 14.08 km of Max-Min II was completed on the Nash Lake grid with an Apex instrument and a cable length of 140m. Readings were taken at a 20 metre interval on two frequencies; 444 Hz and 1777 Hz. Two conductive trends were delineated on the Nash Lake grid. Conductor "A" is a short strike-length conductor (600m) trending at approximately 120 degrees from line 800W to line 300W. Conductor "B" trends at the same orientation as Conductor "A" and begins at line 120E. The eastern limit of the conductor is now known as the conductor extends past the end of the grid.

Respectfully submitted by:

Tela OG

Alan J. O'Connor, B.Sc.

reviewed:

Certification

- I, Alan J. O'Connor, of 312 St. Clarens Avenue, Toronto, Ontario, M6H 3W2, certify that:
 - (1) I hold a Bachelor of Science degree (geology) received in 1985 from the University of Western Ontario.
 - (2) I have practised my profession as a project geologist in the mining industry on a fulltime basis for four years.
 - (3) I have conducted field work on this property, and supervised the geological, geochemical and geophysical work described in the report.
 - (4) I have no financial interest in the property.

April 1990

A. J. O'Connor, B.Sc.

SPECIFICATIONS

RESOLUTION: 1 gamma or 0.5 gamma optional

ACCURACY: ± 1 gamma over operating range

RANGE: 20,000 - 100,000 gamma in 23 overlapping steps

GRADIENT TOLERANCE: Up to 5000 gamma/meter

OPERATING MODES: MANUAL PUSHBUTTON, new reading every 1.85 sec., display

active between readings

CYCLING, pushbutton initiated, 1.85 sec. period

SELFTEST cycle, pushbutton controlled, 7 sec. period

OUTPUT: VISUAL: 5 digit 1 cm (0.4") high Liquid Crystal Display, visible in

any ambient light

DIGITAL: Multiplied precession frequency and gating pulse

ANALOG: 0-99 gamma (optional)

EXTERNAL TRIGGER: Permits externally triggered cycling with periods longer than 1.85

sec. (cycling faster than once per sec. optional)

POWER REQUIREMENTS: 10-18V DC 8Ws per reading

POWER SOURCE: INTERNAL: 12 V 0.75 Ah NiCd rechargeable battery, 3,000 readings

from fully charged battery

EXTERNAL: 12-18V

BATTERY CHARGER: Input: 120/220 V 50/60 Hz, Output 75 mA DC constant current

OPERATING TEMPERATURE: -40 to +55 C

DIMENSIONS: CONSOLE: 15 x 8 x 15 cm (6 X 3¼ x 6")

SENSOR: 14 x 7 cm dia (5¾ x 2¾" dia)

STAFF: 175 cm (70") extended, 53 cm (21") collapsed or sectional

45 cm (18") each section

WEIGHT: 2.7 kg (6 lb) complete, 2.3 kg (5 lb) in back-pack mode

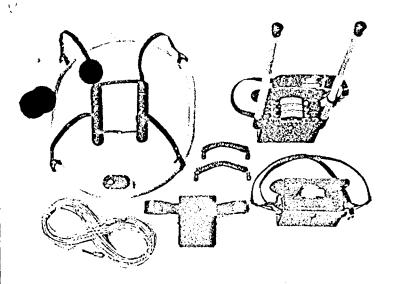
STANDARD PACKAGE: CONSOLE, with batteries, carrying harness

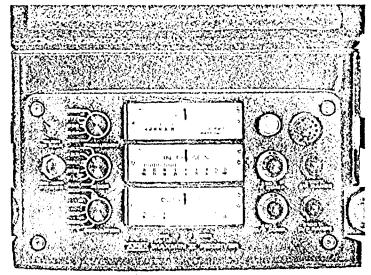
SENSOR, with cable

STAFF, collapsible, or sectional

STANDARD ACCESSORIES: BATTERY CHARGER, MANUAL, CARRYING CASE

GUARANTEE: 15 Months from the date of shipping





SPECIFICATIONS:

Frequencies:

222,444,888,1777 and 3555 Hz.

Modes of Operation: MAX: Transmitter coil plane and receiver coil plane horizontal (Max-coupled; Horizontal-loop mode). Used with refer cable.

MIN: Transmitter coll plane horizontal and receiver coil plane vertical (Min-coupled mode). Used with reference cable.

V.L.: Transmitter coil plane vertical and receiver coil plane horizontal (Vertical-loop mode). Used without reference cable, in parallel lines.

Coil Separations:

25,50,100,150,200 & 250m (MMI) or 100, 200, 300, 400,600 and

800 ft. (MMIF).

Coil separations in V.L.mode not re-

stricted to fixed values.

Parameters Read: _ In-Phase and Quadrature components of the secondary field in MAX and MIN modes.

- Tilt-angle of the total field in V.L.

mode.

Readouts:

- Automatic, direct readout on 90mm (3.5") edgewise meters in MAX and MIN modes. No nulling or compensation necessary.

- Tilt angle and null in 90mm edgewise meters in V.L.mode.

Scale Ranges:

±20%,±100% by push-In:Phase: button switch.

Quadrature: ±20%, ±100% by push-

button switch.

Tilt: ±75% slope.

Null (V.L.): Sensitivity adjustable

by separation switch.

idability:

In-Phase and Quadrature: 0.25 % to D.5%; Tilt: 1%.

Repeatability:

±0.25% to ±1% normally, depending on conditions, frequencies and coil

separation used.

Transmitter Dutput:

222Hz : 220 Atm² 444Hz : 200 Atm² 888 Hz: 120 Atm² - 1777Hz : 60 Atm²

- 3555 Hz : 30 Atm²

Receiver Batteries: 9V trans. radio type batteries (4). Life: approx. 35hrs. continuous duty (alkaline, 0.5 Ah), less in cold

weather.

Transmitter

Batteries:

12V 6Ah Gel-type rechargeable

battery. (Charger supplied).

Reference Cable:

Light weight 2-conductor teflon cable for minimum friction. Unshielded. All reference cables optional at extra cost. Please specify.

Voice Link:

Built-in intercom system for voice communication between receiver and transmitter operators in MAX and MIN modes, via reference cable.

Indicator Lights:

Built-in signal and reference warning lights to indicate erroneous

readings.

Temperature Range: -40°C to +60°C (-40°F to +140°F).

Specifications subject to change without notification.

Receiver Weight: 6kg (13 lbs.)

Transmitter Weight: 13kg (29 lbs.)

Shipping

Weight: Typically 60kg (135lbs.), depend-

ing on quantities of reference cable and batteries included. Shipped in two field/shipping cases.

PARAMETRICS LIMITED

200 STEELCASE RD. E., MARKHAM, ONT., CANADA, L3R 1G2

Cables: APEXPARA TORONTO Phone: (446) 495-1612 416 852-5875

Telex: 政治中国自己设计与自由的LEX DG-966775 APEXPARA MKHM



Ministry of Nature

GEOPHYSICAL – GEOLOGIC TECHNICAL DATA



32E13SE0004 2.13373 ATKINSON LAKE

900

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

ENTER 40 days (includes line cutting) for first survey. ENTER 20 days for each -Electromagnetic -Magnetometer 40 & 26.3 -Radiometric Max-Min 20 P. 1090109 P. 1090111	Type of Survey(s)	Geophysical	
Claim Holder(s)	Township or Area	Atkinson Lake Area (G-1626)	MINING CLAIMS TRAVÉRSED
Author of Report A, 0' Coonor 25 Adelaide St.E., #1400 Address of Author 70 Coonto, Ont. MSC 1Y2 Covering Dates of Survey 28 Feb5 April 1990 [inecuting to office] Total Miles of Line Cut 9,53 km P. 1090103 SPECIAL PROVISIONS CREDITS REQUESTED Geophysical Per claim -Electromagnetic - Magnetometer 40 & 26. 3 survey. ENTER 40 days (includes line cutting) for first surveyRadiometric - Additional survey using same grid. AIRBORNE CREDITS (Special provision credite do not apply to airborne survey) Magnetometer Electromagnetic Radiometric (enter days per claim) DATE: 15 June 1990 SIGNATURE: Magnetometer Agent Res. Geol. Qualifications 2.12993 Previous Surveys File No. Type Date Claim Holder	Claim Holder(s)	Westmin Mines Limited	,
SPECIAL PROVISIONS CREDITS REQUESTED Geophysical ENTER 40 days (includes line cutting) for first survey. ENTER 20 days for each additional survey using Geological same grid. AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys) Magnetometer Electromagnetic (enter days per claim) DATE: 15 June 1990 SIGNATURE: Manyaway Res. Geol. Qualifications 2.12993 P. 1090109 P. 1090111 P. 1090112 P. 1090113 P. 1090113 P. 1090113	Author of ReportAddress of AuthorCovering Dates of Survey	A.O'Coonor 25 Adelaide St.E., #1400 Toronto, Ont. M5C 1Y2 28 Feb5 April 1990 (linecutting to office)	(prefix) (number) P. 1090103 P. 1090104
Res. GeolQualifications	ENTER 40 days (includes line cutting) for first survey. ENTER 20 days for each additional survey using same grid. AIRBORNE CREDITS (Specific Content of the cutting) for first survey. ENTER 20 days for each additional survey using same grid.	Geophysical —Electromagnetic —Magnetometer 40 & 26.3 —Radiometric Max-Min 20 Geological Geochemical cial provision credits do not apply to airborne surveys) romagnetic Radiometric (enter days per claim) SIGNATURE: Happy August 1	P. 1090107 P. 1090108 P. 1090109 P. 1090111 P. 1090112
	Res. Geol. Previous Surveys	Qualifications 2.12993	-

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations		Number of Readings				
S	tation interval	Line spacing				
P	rofile scale					
C	ontour interval					
	In the same	CEM 65M9 magnotomotom				
LIC	InstrumentAccuracy — Scale constant					
MAGNETI						
AG		looping N/A				
2	Base Station check-in interval (hours)	37 / 2				
	Base Station location and value	N/A				
1	_	Apex Parametrics Max-Min II				
TIC	Instrument	Uoni zontol				
ELECTROMAGNETIC	Coil configuration					
(AC	Coil separation	+				
30	Accuracy					
CJ	Method: Fixed transmi					
SLE	Frequency	(specify V.L.F. station)				
	Parameters measured	In phase, quadrature				
	Instrument					
	Scale constant					
AVITY	Corrections made					
AV						
GR	Base station value and location					
	Dievation accuracy					
	Instrument					
	Method Time Domain	☐ Frequency Domain				
	Parameters – On time	• •				
>4		Range				
VII	– Delay time					
SIL	- Integration time					
RESISTIVITY	J					
R						
	•					
	Type Of Ciculous					

INDUCED POLARIZATION



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) (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	ANALYTICAL METHODS	
Type of Sample(Nature of Material)	Values expressed in: per cent	
Average Sample Weight	h. h. iii.	
Method of Collection	p. p. b.	
	Cu, Pb, Zn, Ni, Co, Ag, Mo,	As,-(circle)
Soil Horizon Sampled	Others	
Horizon Development	Field Analysis (tests)
Sample Depth	Extraction Method	
Terrain	Analytical Method	
	Reagents Used	
Drainage Development	Field Laboratory Analysis	
Estimated Range of Overburden Thickness	No. (tests)
	Extraction Method	
	Analytical Method	
	Reagents Used	· · · · · · · · · · · · · · · · · · ·
SAMPLE PREPARATION	Commercial Laboratory (tests
(Includes drying, screening, crushing, ashing)	Name of Laboratory	'
Mesh size of fraction used for analysis	Extraction Method	
	Analytical Method	
	Reagents Used	
General	General -	



Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines Mining Lands Section 880 Bay Street, 3rd Floor Toronto, Ontario M5S 128

Tel: (416) 965-4888

Your File: W9006.60374 Our File: 2.13373

August 9, 1990

Mining Recorder
Ministry of Northern Development & Mines
60 Wilson Avenue
TIMMINS, Ontario
P4N 2S7

Dear Sir/Madam:

Re:

Notice of Intent dated July 10, 1990 for Geophysical (Electromagnetic & Magnetometer) Survey submitted on Mining Claims P 1090106 et al in the Atkinson Lake Area.

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

WS:zm Encl:

cc:

Mr. W. D. Tieman Mining & Lands Commissioner Toronto, Ontario

Westmin Mines Limited TORONTO, Ontario

Attn: S. Kuprejanov

Resident Geologist TIMMINS, Ontario

ONTATED CYCLOGRAM, SURVEY ASSESSMENT PILES PROF

AUG 1 0 1990

RECEIVED



Technical Assessment Work Credits

2.13373

Date July 10,1990 Mining Recorder's Report of Work No. W9006.60374

Recorded Holder WESTMIN MINES LTD	
Township or Area ATKINSON LAKE	
Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical 20 Electromagnetic days	P 1090106 - 07
Magnetometerdays	1090112
Radiometric days	•
Induced polarizationdays	
Other days	
Section 77 (19) See "Mining Claims Assessed" column	
Geologicaldays	
Geochemicaldays	
Man days Airborne Airborne	•
Special provision Ground Ground	
Credits have been reduced because of partial coverage of claims.	Under the special provisions regulation line cutting may only be claimed on one survey
Credits have been reduced because of corrections to work dates and figures of applicant.	therefore these claims do not get the 6.3 days credits because linecutting was already claim with your geology survey.
pecial credits under section 77 (16) for the following mi	ning claims
15 magnetometer work credits:	P 1090113
15 electromagnetic work credit	s: P 1090113
o credits have been allowed for the following mining cla	ims
not sufficiently covered by the survey	insufficient technical data filed

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; Geologocal -40; Geochemical -40; Section 77(19) -60.



DOCUMENT No.

- Please type or print

Refer to Section 77, the Mining Act for assessment work requirements and maximum credits allowed per survey type.

Sout

- If number of mining claims traversed exceeds space on this form, attach a lea

- Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch

Mining Act

Report of Work

(Geophysical, Geological and Geochemical Surveys)

Mining Division Atkinson Lake Area(G-1626) Type of Survey(s) Porcupine Geophysical Prospector's Licence No. Recorded Holder(s) 2.13373 Westmin Mines Limited

Address 25 A	delaide St.	East,	#1400,	Toronto, C	nt.	Telephon (4	16)364	1-8116
Survey Company	Thibault, E							
Name and Address of Author (o	f Geo-Technical Report)	w.a. casa na ca art et -					Survey (fror	n & 10)
A.O'Connor, 25						2,8 0	110	0,5 0.4 90
Credits Requested per Ea	ch Claim in Column	s at right	1	laims Traversed (
Special Provisions	Geophysical	Days per Claim		fining Claim		Aining Claim		Mining Claim
For first survey:			Prefix	Number	Prefix	Number	Prefix	Number
Enter 40 days, (This includes	- Electromagnetic		P	1090103				
line cutting)	- Magnetometer	40		1090104				
For each additional survey: using the same grid:	Max-Min	20		1090108	and the board of desired to a			
Enter 20 days (for each)	Geological			1090109				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Geochemical	i		1090111				
Man Days	Geophysical	Days per Claim				Commission with the second sec		
Complete reverse side and enter total(s) here	: - Electromagnetic							
	- Magnetometer							
	- Other				Г		EA PO I	
	Geological					RECOF	リヒロ	
	Geochemical					1		
Airborne Credits		Days per Claim		0 F 1 1 1 F P		JUN 17	1990	
Note: Special provisions credits do not	Electromagnetic		KE	CEIVED				
apply to Airborne Surveys	1 : Magnetometer :		שענ	29 1990				
	Other							
Total miles flown over cla	, ,		MITTING I	ANDS SECTIO	N	Total number o	, 1	
8 June 1990 Re	corded Holder of Agent	(Signature)				mining claims (overed .	5
Certification Verifying Rep	ort of Work					by this report o	r WOLK	
I hereby certify that I have a perafter its completion and annexe.		edge of the f	acts set forth in i	this Report of Work, b	aving perfo	rmed the work or with	essed same	during and/or
S. Kuprejanov,	25 Adelaide	Stree	t East,	Suite 140	0			
				3116 Da B J		990 Centiled	By (Signatu	ire)
Toronto, Ontar	10 MbC 112	P)	10)304-0	2110 20 0	une I	The	es ver	anov

Received Stamp

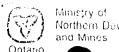
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Total Days Cr. Recorded Date Recorded

Provincial I

Mining Recorder

JUN 12 1990







Mining Act

Report of Work

DOCUMENT No. (Geophysical, Geological and Geochemical Surveys) Pease type or print.

Instructions

- Refer to Section 77, the Mining Act for assessment work requirement

and maximum credits allowed per survey type.

- If number of mining claims traversed exceeds space on this form. attach a list.

· Technical Reports and maps in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch

Type of Survey(s)	physical			Fring Division Porcupine	,	Township o		ake Ar	rea(G-1	626)
Recorded Holder(s)			2	13373				or's Licence		
Address Wes	tmin Mines I	limited		12373			Telephon	ne No.	1-4038	
	Adelaide St	East, #	1400,	Toronto,	Ont.		(4	416)36	64-8116	
Survey Company Guv	Thibault, I	Explorat	ion S	Services. I	limmi	ns				
Name and Address of Author to	f Geo-Technical Report)			a series and the second series of the contraction of the contractions of the series of			Date of	81'2°4'6	m & 5°) 04	90
A.O'Connor, 2 Credits Requested per Ea				Ont.M5C Claims Traversed		numorical	Day	Mo Yr	Day Mo	
Special Provisions	:	Days per		Mining Claim	Listin	Mining Clair		. ,	Mining Claim	
For first survey:	Geophysical	Claim	Prefix	Number	Prelix	Nur	nber	Prefix	Numb	er
Enter 40 days, (This includes	- Electromagnetic		P	1090106						
line cutting)	- Magnetometer	26.3		1090107						
For each additional survey: using the same grid:	.oMax-Min	20		1090112						
Enter 20 days (for each)	Geological			1090113						
	Geochemical			į						
Man Days	Geophysical	Days per Claim								
Complete reverse side and enter totals) here	- Electromagnetic			i		RE	COR	7		
	- Magnetometer							1937 E.M. S.		
	- Other					111	40	4000		
	Geological					JU	N-1-2	1990-		
	Geochemical						- many as a same as as as as as			
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Note: Special provisions	Electromagnetic		1.18.15.	C L I V E D						
credits do not apply to Airborne	Magnetometer		JU	29 1900		-				
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S. Kuprejanov,	25 ^{mg} Adelaide	Street	East,	Suite 140	00					
Toronto, Ontar	io M5C 1Y2	1e/e2/16	3)364-	8116 Dat 8 J	June	1990	Certified	By (Signat	ure)	/
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