



42A10SE0133 2.7594 CURRIE

010

BOND GOLD PROJECT

GEOLOGICAL REPORT

N.T.S. 42-A-7, 42-A-10

Latitude 48°29'N

Longitude 80°43'W

RECEIVED

DEC 19 1984

MINING LANDS SECTION

December 1984

G.E.Nutter

Inal.
2.4903



42A10SE0133 2.7594 CURRIE

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Summary:

The Bond Project consists of the Moose (southwest), the Driftwood (southeast), and the Grindstone (northeast) properties in 86 contiguous claims (1,376 ha) in Bond Township, near Timmins, Ontario.

The objective of the project is to discover an economically viable gold deposit within the favourable Archean aged greenstones present in this area. Previous work and substantial work by Westmin subsequent to acquisition of the property by staking in 1980 led to discovery and partial delineation of highly anomalous gold contents in glacial till. The project lands cover rocks similar to those which host gold deposits in the nearby Timmins camp. Prospecting has been hampered in the past by the extensive, thick overburden however overburden drilling (1735 metres in 41 holes) has outlined three highly anomalous gold dispersion trains (>10,000 ppb in H.M.C.). The property has received blanket linecutting (85.4 km) Max-Min (85.4 km) and magnetometer (85.4 km) coverage and geological mapping.

Follow-up diamond drilling (1,119.6 metres in four holes) has partially tested the three anomalies. The Grindstone anomaly has been down-graded while positive results in the form of low grade gold intersections were obtained in both the Moose (0.99 g/tonne over 3.0 m in sludge from an altered porphyry) and Driftwood (10 cm of 2.14 g/tonne in B-83-3 and 1.0 m of 1.76 g/tonne in B-84-4) areas.

Introduction:

This report is intended to summarize and evaluate the results of the programme carried out on our Bond Township holdings east of Timmins, Ontario in 1984. This work included 411 metres of drilling to extend diamond drill holes B-83-3 (151.2 m) and B-84-4 (154.3 m) to 306.4 m and 410.1 m respectively on the Driftwood anomaly and geological mapping of the entire property. A selection of pertinent data from previous programmes is also included in this report.

The main objective of the 1984 programme was to further test the cut-offs of the auriferous dispersion train in glacial till discovered on our Driftwood claims and to review the geology on a regional and property scale.

Location, Access and Physiography:

The Bond Project claims are approximately sixty kilometres east of Timmins, Ontario and between three and eight kilometres south of Highway #101 (Figure 1).

Access to the claims is available from Highway #101 utilizing a gravel and clay road running south from Shillington and a gravel and bush road 1.7 kilometres west of Shillington. Access to the southwestern end of the property is available by using an unnamed east-west bush road which intersects the Gibson Lake Road one-half of one kilometre south of the June Lake Road. Limited access by boat to some areas of the property is provided by Moose Lake, the Driftwood and Little Driftwood Rivers and the Grindstone and Driftwood Creeks.

The property is characterized by flat topography, generally exhibiting less than 50 metres relief. The streams and river are surrounded by alder forested flood plains, fringed in turn by thick spruce and cedar swamps. Gentle rises in topography are characterized by 10 to 15 metre high deciduous forest, dominated by birch and poplar trees.

Most of the claims are covered by glacial till which is in turn covered by Pleistocene aged lacustrine clays. Outcrop exposures are rare.

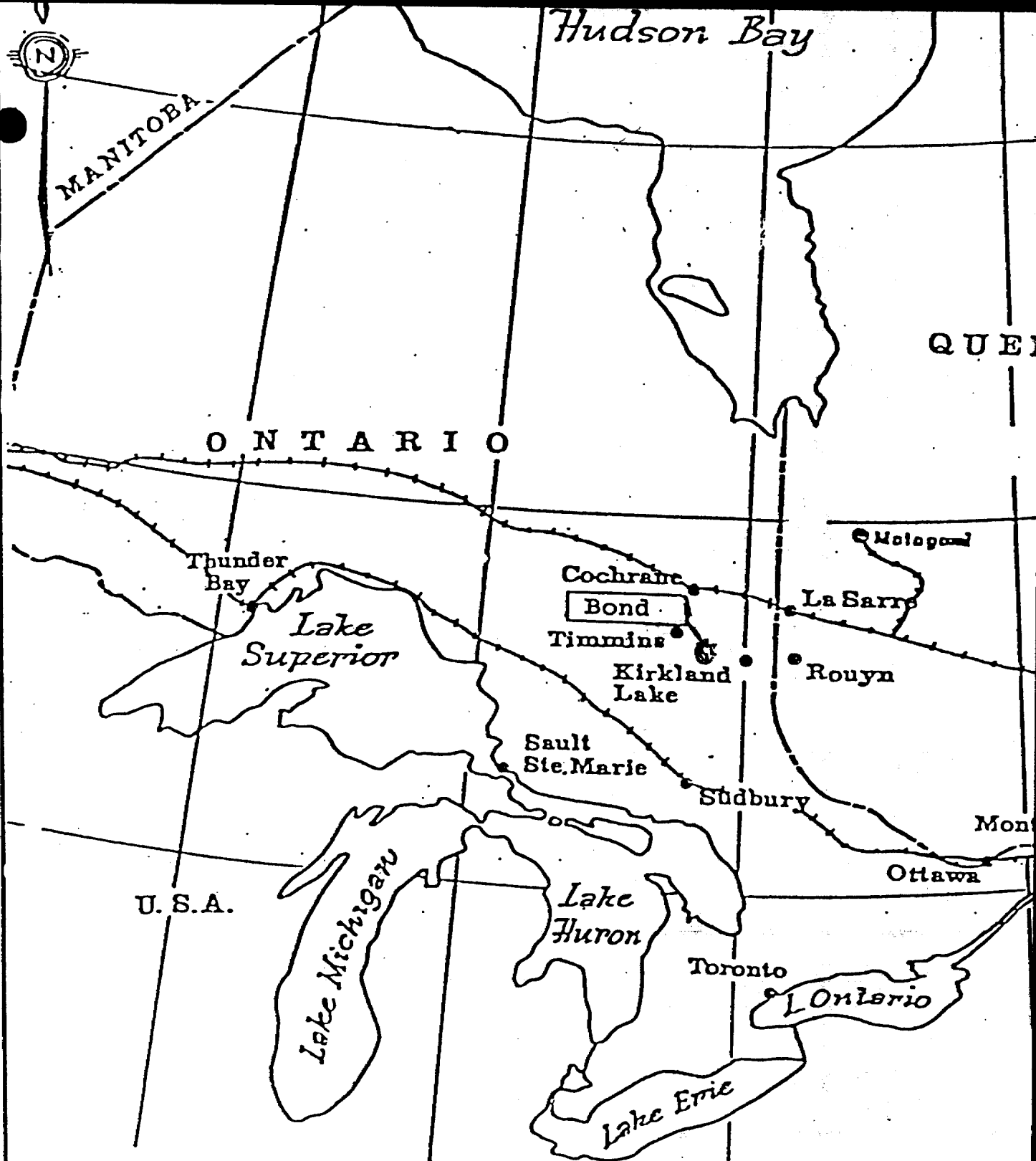



FIGURE 1

 Westmin Resources Limited EASTERN CANADA MINING DIVISION	
BOND PROJECT LOCATION MAP	
Work By	Scale
Date Nov. 1984	NTS 42-A-7

REPORT OF WORK - GEOLOGICAL SURVEY - BOND TOWNSHIP

Claim No.

- | | |
|--------------|--------------|
| 1) P.553489 | 27) P.555488 |
| 2) P.553490 | 28) P.555489 |
| 3) P.553491 | 29) P.555493 |
| 4) P.553494 | 30) P.555494 |
| 5) P.553495 | 31) P.553581 |
| 6) P.553496 | 32) P.553582 |
| 7) P.553497 | 33) P.553587 |
| 8) P.553498 | 34) P.553588 |
| 9) P.553499 | 35) P.597116 |
| 10) P.553500 | 36) P.597117 |
| 11) P.555191 | 37) P.597118 |
| 12) P.555192 | 38) P.597119 |
| 13) P.555193 | 39) P.597120 |
| 14) P.555194 | 40) P.597121 |
| 15) P.555195 | 41) P.624423 |
| 16) P.555196 | 42) P.624424 |
| 17) P.555197 | 43) P.624425 |
| 18) P.555198 | 44) P.624426 |
| 19) P.555199 | 45) P.628015 |
| 20) P.555200 | 46) P.628016 |
| 21) P.555201 | 47) P.628057 |
| 22) P.555202 | 48) P.628058 |
| 23) P.555203 | 49) P.628059 |
| 24) P.555204 | 50) P.628060 |
| 25) P.555205 | 51) P.628219 |
| 26) P.555427 | 52) P.628220 |

CURRIE TOWNSHIP


- 53) L.597122
54) L.597123



MOOSE
LAKE

8

P.	P.	P.	P.														
555191	555192	555193	555194														
P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.	P.
555198	555197	555196	555195	555488	555489	555493	555494	553581	553582	553587	553588	553500	553499	553494	553491		
P.	P.	P.	P.														
555199	555200	555201	555202														
P.	P.	P.	P.														
555427	555205	555204	555203														

	Westmin Resources Limited EASTERN CANADA MINING DIVISION
BOND PROJECT CLAIM MAP	
Work by D. M. ... 1004	Scale 1:31,680 etc 42-8-7

Technical Justification:

The project area is located in the Porcupine Mining District. Total gold production from this district exceeds that of any single hardrock mining camp in the Western World excepting the Witwatersrand of South Africa. This property is considered well situated with respect to regional geology of this camp (see geology section).

Exploration by traditional prospecting, geochemical and geophysical methods has always been severely hampered by thick overburden. The development of geochemical sampling of tills utilizing reverse circulation drilling techniques in the 1970's made more rigorous exploration for gold and base metal deposits possible within the project area. The discovery of the Aquarius gold deposit in neighbouring Macklem Township (immediately west of Bond Township) is directly attributable to reverse circulation drilling.

Results:

Geology

The property is situated within the Abitibi Greenstone Belt, the largest and possibly thickest Archean complex in the Superior Province. Current literature (Pyke Karvinen, etc.) suggests the volcanic complex is made up of all or parts of two volcanic supercycles each grading upward from a series of ultramafic and high magnesium basalts to felsic metavolcanics. These rocks make up the Deloro (older) and Tisdale (younger) groups which are overlain by (possibly in part coeval with) the Porcupine Group metasediments. Major structures bounding the limits of the metasediments (the Pipestone and Porcupine Destor faults) likely originated as syndepositional growth faults.

Outcrop in the property area is sparse hampering definitive stratigraphic correlations but recent government released input EM and magnetic surveys in the area suggest a major stratigraphic contact traverses the property. Fitting this information into known regional geology suggests this feature represents either the Upper Deloro-Lower Tisdale or the Lower-Upper Tisdale contact. Since the Lower Tisdale group rocks are believed to host all of the major gold deposits in this mining camp either interpretation suggests this prospect is well located in the regional sense.

Only nine areas of outcrop were observed in the field (Figures 17 and 18) but compilation of data from past overburden and diamond drilling and 41 overburden holes and 4 diamond drill holes completed by Westmin has much improved our understanding of the underlying geology. The property is predominantly underlain by mafic to intermediate tuffs and feldspar porphyries and to a lesser extent flows. The texture of the porphyries and the association with tuffaceous material suggests most are likely metamorphosed crystal tuffs. Ultramafic and high magnesium basalts as well as felsic porphyries were noted on the southern portions of the property in both the Driftwood and Moose areas. Minor sedimentary rocks (graphite and chlorite schists) were also noted in drilling on the southeast portion of the property.

Diabase dykes form resistant ridges and represent the dominant outcrop type on the property. Diabase and gabbroic rocks were also intersected in both overburden and diamond drilling. A discrete east-west magnetic anomaly on the Driftwood claims was correlated with a gabbro sill intersected in DDH B-64-3.

Carbonate alteration (calcite) is pervasive in diamond drill core but less evident in surficial exposures possibly due to a fairly well developed saprolite which manifests itself as limonitic alteration, vugs, and limonitic mud in diamond drill core. Some chloritic, sericitic and hematitic alteration was

also noted in diamond drilling including chlorite and sericite in DDH B-84-4 and sericite hematite and epidote noted in DDH B-82-2.

Gold mineralization has been noted in three of the four holes drilled by Westmin. A three metre sludge sample from the above altered zone in DDH B-82-2 returned a value of 900 ppb gold. Unfortunately the core was vandalized before splits of this section could be obtained. In Hole B-83-3 a 10 cm section consisting of quartz, calcite, hematite and pyrite returned a value of 2140 ppb Au in an intermediate tuff horizon. In B-84-4 one metre from the footwall zone of one of nine quartz, calcite pyrite + chalcopyrite zones hosted by 228 m thick mafic porphyry returned a gold value of 1760 ppb gold. The association of mafic to felsic porphyries, hematitic and sericitic alteration and leucoxene (CaTiO_2) with our gold intersections is also a documented phenomenon in parts of the MacIntyre and Ross Mines, 40 kilometres to the west and east respectively of this property.

Certification

I, George Ernest Nutter of 188 Randolph Road, Toronto, Ontario, M4G 3S5, certify:

1) I hold a Bachelor of Science Degree (1976) with a major in Geology from Dalhousie University, Halifax, Nova Scotia.

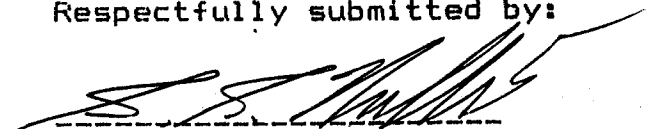
2) I have practised my profession on a full time basis for over eight years.

3) I am a Fellow of the Geological Association of Canada and a Member of the Canadian Institute of Mining and Metallurgy.

4) I have conducted field work on this property and examined the geological, geophysical and geochemical data.


5) I have no financial interest in this property.

Respectfully submitted by:



G. E. Nutter

Supervised by:



R. H. McMillan,
Exploration Manager,
Eastern Canada.

November 30, 1984.



42A10SE0133 2.7594 CURRIE

900

Mining Lands Section

File No 2.7594

Control Sheet

TYPE OF SURVEY GEOPHYSICAL
 GEOLOGICAL
 GEOCHEMICAL
 EXPENDITURE

MINING LANDS COMMENTS:

legd L.D.

J. Hurst

Signature of Assessor

Date

1985 02 15

Your File: 494/84
Our File: 2.7594

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

Dear Sir:

RE: Notice of Intent dated January 29, 1985.
Geological Survey on Mining Claims P 553439
et al in Bond Township and L 597122 et al in
Currie Township.

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

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

Yours sincerely,

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

cc: Westmin Resources Limited
25 Adelaide Street East
Suite 1400
Toronto, Ontario
M5C 1Y2

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

cc: Resident Geologist
Timmins, Ontario

**Technical Assessment
Work Credits**

File
2.7594

Date
1985 01 29

Mining Recorder's Report of
Work No. 494/84

Recorded Holder
WESTMIN RESOURCES LIMITED

Township or Area
CURRIE TOWNSHIP

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	P 553489-90-91
Radiometric _____ days	553494 to 500 inclusive
Induced polarization _____ days	555191 to 205 inclusive
Other _____ days	555427
	555488-89-93-94
	553581-82-87-88
	597116 to 121 inclusive
	624423 to 426 inclusive
	628015-16
	628219
	628057-58
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ 20 _____ 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.	

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

P 628059-60
628220

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



Feb. 13/85

1985 01 29

Your File: 494/84
Our File: 2.7594

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

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

12 S. Hurst:mc

Encls.

cc: Westmin Resources Limited
25 Adelaide Street East
Suite 1400
Toronto, Ontario
M5C 1Y2

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



Ministry of
Natural
Resources

Notice of Intent
for Technical Reports

1985 01 29

2.7594/494/84

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.



Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

494/84 27594

Instructions: - Please type or print. - If number of mining claims traversed exceeds space on this form, attach a list. Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. - Do not use shaded areas below.

Jan. 84

Mining Act

Form header containing: Type of Survey(s) Geological Mapping; Claim Holder(s) Westmin Resources Limited; Address 25 Adelaide Street East, Suite 1400, Toronto, Ontario M5C 1Y2; Survey Company Westmin Resources Limited; Date of Survey (from & to) 17 9 84 to 2 10 84; Name and Address of Author (of Geo-Technical report) G.E. Nutter, 25 Adelaide Street E., #1400, Toronto, Ontario M5C 1Y2.

Table for Special Provisions and Man Days. Special Provisions: For first survey: Enter 40 days. For each additional survey: Enter 20 days. Man Days: Complete reverse side and enter total(s) here.

Mining Claims Traversed (List in numerical sequence) table with columns for Mining Claim Prefix, Number, Expend. Days Cr., and Mining Claim Prefix, Number, Expend. Days Cr. Includes a large 'RECEIVED' stamp dated DEC 17 1984 and a 'RECORDED' stamp dated NOV 9 1984.

Form for Expenditures (excludes power stripping) and Instructions. Includes a calculation: Total Expenditures \$ + 15 = Total Days Credits.

RECORDED stamp: NOV 9 1984, Receipt No. ef

FORCUPINE MINING DIVISION RECEIVED stamp: NOV - 9 1984, A.M. 7, 8, 9, 10, 11, 12, 1, 2, 3, 4, 5, 6 P.M.

Total number of mining claims covered by this report of work. 52

For Office Use Only section with fields for Total Days Cr. Recorded (1040), Date Recorded (Nov 9/84), and signatures of Mining Recorder and Date Approved as Recorded.

Date Nov. 6, 1984 and Recorded Holder or Agent (Signature) Shupryanov

Certification Verifying Report of Work section: I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto... Name and Postal Address of Person Certifying: G.E. Nutter, 25 Adelaide Street East, Suite 1400, Toronto, Ontario M5C 1Y2. Date Certified: Nov. 6, 1984.

Assessment Work Breakdown

NOV 10 1968



Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey Geological						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
154.3				1,080		=
				Total Credits	+	No. of Claims
				1,080		54
					=	Days per Claim
						20

Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
[]				[]		[]
				Total Credits	+	No. of Claims
				[]		[]
					=	Days per Claim
						[]

Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
[]				[]		[]
				Total Credits	+	No. of Claims
				[]		[]
					=	Days per Claim
						[]

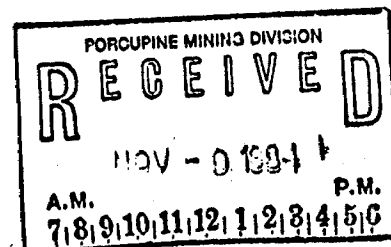
Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
[]				[]		[]
				Total Credits	+	No. of Claims
				[]		[]
					=	Days per Claim
						[]

L I S T "A"

REPORT OF WORK - GEOLOGICAL SURVEY - BOND TOWNSHIP

Claim No.

- | | |
|--------------|--------------|
| 1) P.553489 | 27) P.555488 |
| 2) P.553490 | 28) P.555489 |
| 3) P.553491 | 29) P.555493 |
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| 7) P.553497 | 33) P.553587 |
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| 9) P.553499 | 35) P.597116 |
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| 24) P.555204 | 50) P.628060 |
| 25) P.555205 | 51) P.628219 |
| 26) P.555427 | 52) P.628220 |





Westmin Resources Limited
Suite 1400, 25 Adelaide Street East
Toronto, Ontario, Canada
M5C 1Y2
416 364-8116 Telex: 06-22072

Registered Mail

January 7, 1985.

Ministry of Natural Resources,
Land Management Branch,
Whitney Block, Room 6643,
Queen's Park,
Toronto, Ontario.
M7A 1W3.

RECEIVED

JAN 14 1985

MINING LANDS SECTION

Attention: Miss Susan Hurst

Dear Sir:

Re: Your File 2.7594

Please replace the geology maps submitted to you on December 19, 1984 with the enclosed maps. On the enclosed maps is shown overburden, since the area has only a few outcrops. We wish the work to be applied for an assessment under Special Provision as originally applied.

Thank you, and 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
Encls.

December 27, 1984

File: 2.7594

Westmin Resources Ltd
Suite 1400
25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

Dear Sirs:

RE: Geological Survey submitted on Mining Claims
P 553439 et al in Bond Township and L 597122
et al in Currie Township

This will acknowledge receipt of the above-described survey on December 19, 1984.

The survey has been reviewed and it does not qualify for assessment under Special Provisions as there has not been complete and systematic coverage of claim group. Therefore, complete the enclosed "Assessment Work Breakdown" forms (in duplicate) and return them to this office quoting file 2.7594.

Upon receipt of these forms the survey will be assessed and credits granted accordingly.

For further information, please contact Susan Hurst 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)965-4888

S. Hurst:mc

cc: Mining Recorder
Kirkland Lake, Ontario

Mining Recorder
Timmins, Ontario

Encl.



**GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL
TECHNICAL DATA STATEMENT**

**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.**

Type of Survey(s) Geological Mapping
Township or Area Bond and Currie
Claim Holder(s) Westmin Resources Limited
25 Adelaide St.E., #1400, Toronto, Ont.
Survey Company Westmin Resources Limited
Author of Report G.E. Nutter
Address of Author 25 Adelaide Street East, #1400,
Toronto, Ontario M 5C 1Y2
Covering Dates of Survey 17 Sept. to 2 October 1984
(linecutting to office)
Total Miles of Line Cut _____

**MINING CLAIMS TRAVERSED
List numerically**

(prefix) (number)

SEE ATTACHED LIST "A"

**SPECIAL PROVISIONS
CREDITS REQUESTED**

**DAYS
per claim**

Geophysical

ENTER 40 days (includes
line cutting) for first
survey.

- Electromagnetic _____

ENTER 20 days for each
additional survey using
same grid.

- Magnetometer _____

- Radiometric _____

- Other _____

Geological 20

Geochemical _____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: 13 Dec. 1984 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No. Type Date Claim Holder

File No.	Type	Date	Claim Holder

TOTAL CLAIMS 54

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy - Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

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 _____

L I S T "A"

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Claim No.

- | | |
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| 20) P.555200 | 46) P.628016 |
| 21) P.555201 | 47) P.628057 |
| 22) P.555202 | 48) P.628058 |
| 23) P.555203 | 49) P.628059 |
| 24) P.555204 | 50) P.628060 |
| 25) P.555205 | 51) P.628219 |
| 26) P.555427 | 52) P.628220 |

CURRIE TOWNSHIP

- 53) L.597122
54) L.597123

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 _____

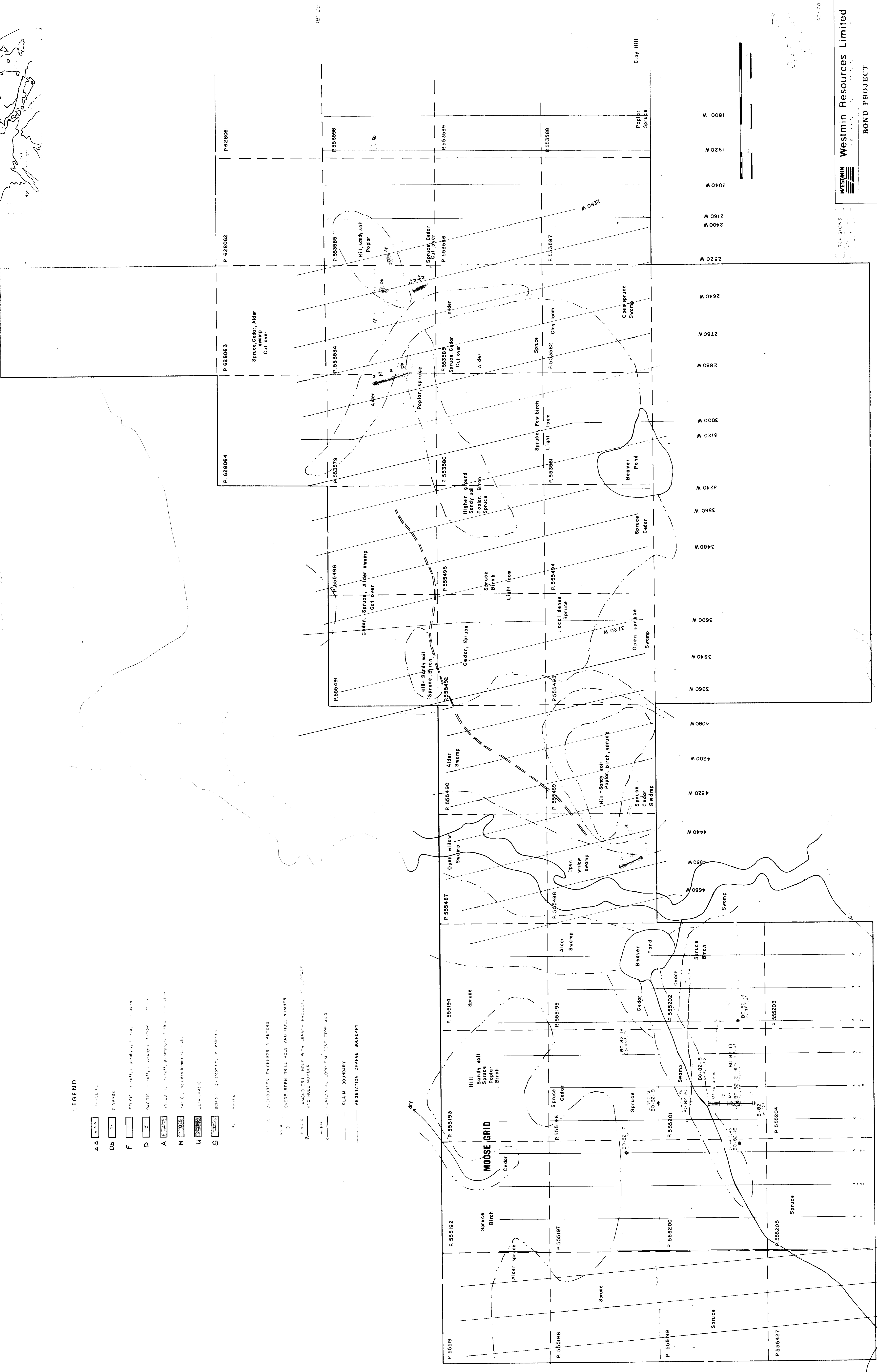
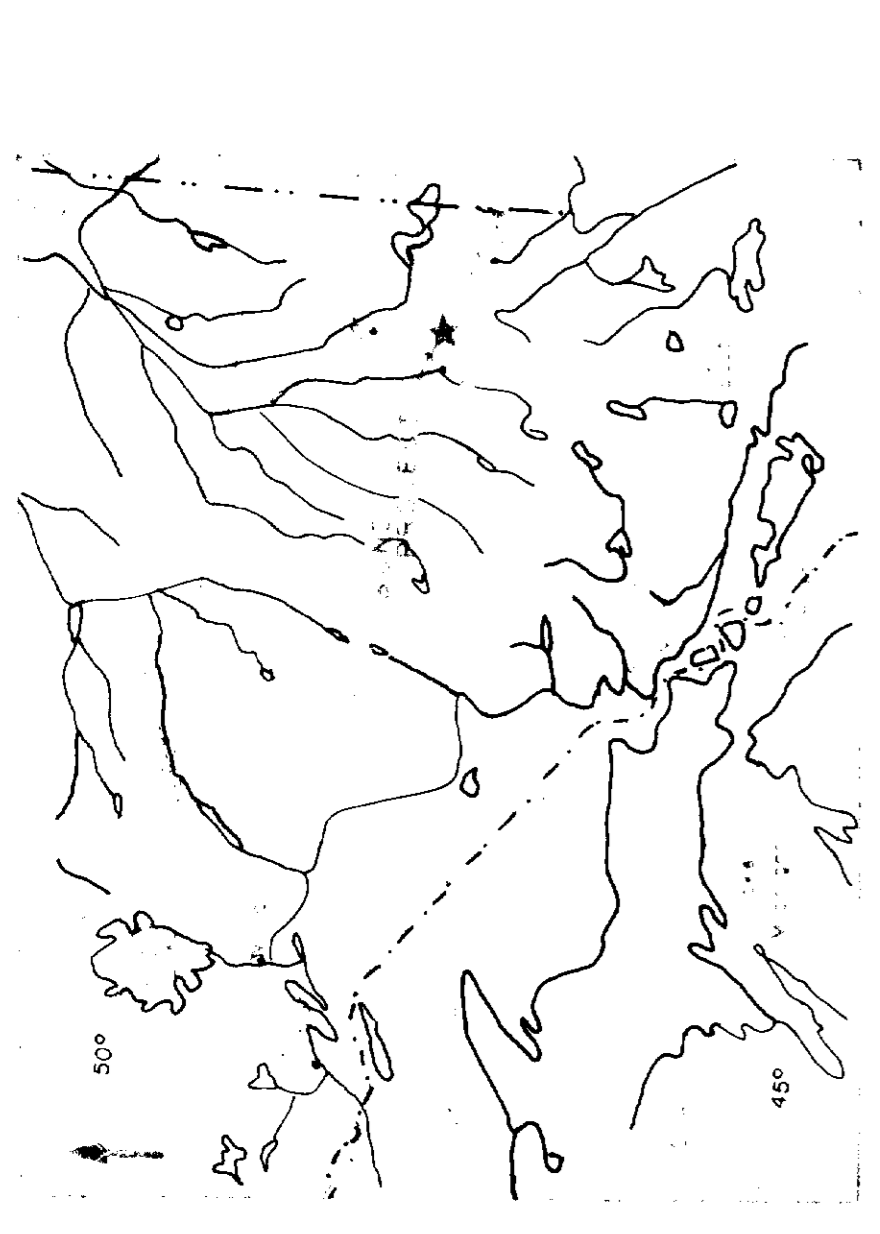
Reagents Used _____

General _____

2-15-94

597122	✓		555427	✓
23	✓		488	✓
			89	✓
553489	✓		93	✓
90	✓		94	✓
91	✓		553581	✓
94	✓		82	✓
95	✓		87	✓
96	✓		88	✓
97	✓		597116	✓
98	✓		17	✓
99	✓		18	✓
508	✓		19	✓
555191	✓		20	✓
92	✓		21	✓
93	✓		624423	✓
94	✓		24	✓
95	✓		25	✓
96	✓		26	✓
97	✓		628015	✓
98	✓		16	✓
99	✓		57	NC
210	✓		58	NC
1	✓		59	NC
2	✓		60	NC
3	✓		628219	✓
4	✓		20	NC
5	✓			

h

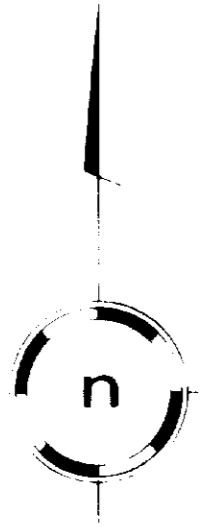
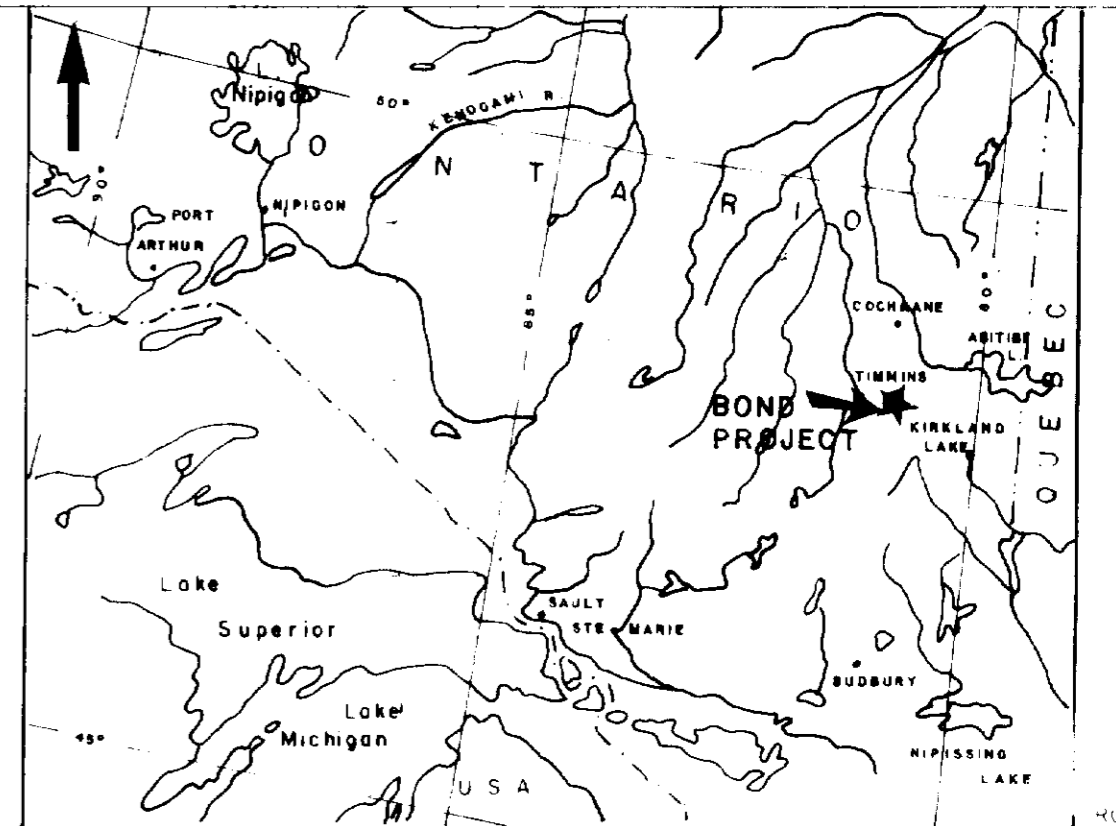


LEGEND

- AA [Symbol] SANDSTONE
 - Db [Symbol] CLAYSTONE
 - F [Symbol] FELSIC
 - D [Symbol] DUCTILE
 - A [Symbol] ANORTHIC
 - M [Symbol] MAFIC
 - U [Symbol] UNCLASSIFIED
 - S [Symbol] SEDIMENTARY
- [Symbol] OVERBURDEN THICKNESS IN METERS
 - [Symbol] OVERBURDEN DRILL HOLE AND HOLE NUMBER
 - [Symbol] DRILL HOLE NUMBER WITH SEVEN DIGIT PREFIX
 - [Symbol] HOLE NUMBER
 - [Symbol] HOLE NUMBER
 - [Symbol] CLAIM BOUNDARY
 - [Symbol] VEGETATION CHANGE BOUNDARY

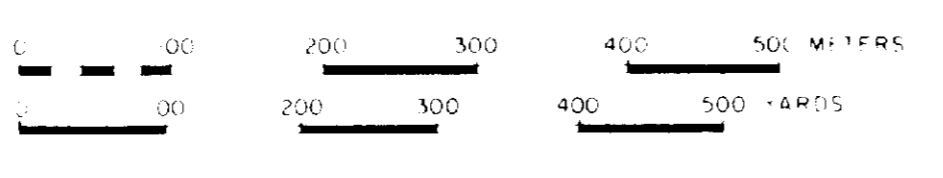


Westmin Resources Limited
 BOND PROJECT
GEOLOGY MAP



LEGEND

- A A A SAPROPHYTE
- D b DIABASE
- F FELSIC (1. ruff, p. porphyry, f. flow, intrusive)
- D DACITIC (1. ruff, p. porphyry, f. flow, intrusive)
- A ANDESITIC (1. ruff, p. porphyry, f. flow, intrusive)
- M MAFIC (includes Amphibolite rocks in mafic group)
- U ULTRAMAFIC
- S SCHIST (graphitic, chloritic)
- P Partings
- U.S. U.S. OVERBURDEN THICKNESS IN METERS
- H.R. H.R. OVERBURDEN DRILL HOLE AND HOLE NUMBER
- H.R. DRILLING DRILL HOLE WITH LENGTH PROJECTED TO SURFACE AND HOLE NUMBER
- H.L.M. HORIZONTAL EXPOSED (INDICATE ZONE)
- CL CLAIM BOUNDARY
- VC VEGETATION CHANGE BOUNDARY



REVISIONS DATE BY 1978.01.31 J.M.		 Westmin Resources Limited EASTERN ANATOLIA MINING DIVISION BOND PROJECT GEOLOGY MAP Work by J.E.S. Date: Sept 1982
CURRIE GEOGRAPHIC LTD. BOND GEOGRAPHIC LTD.		

