

REPORT ON

GEOPHYSICAL SURVEYS

on the property of

LYNCO RESOURCES INC.

BEEMER TOWNSHIP PROPERTY, ONTARIO

RECEIVED

MAY - 4 1983

John Rawlinson Lill, B.Sc.P. Eng. MINING LANDS SECTION Scarborough, Ontario.

April 29th, 1 9 8 3

PROPERTY & ACCESS (Continued)

It can be reached by taking gravel roads south from Timmins to Ferrier Lake. A tractor road goes to the property, a distance of two miles, from the end of the gravel road.

During the present survey, access to the property was gained by taking a bush plane from Gogama 32 miles to the south and landing on Telluride Lake, part of which is in the southwest corner of the property.

SURVEYS

Three types of surveys were carried out on the lake parts of three claims; L 578028, L 578029, L 578030.

Picket lines cut for the land part of the survey during 1981, were extended on to Telluride Lake and to the claim boundaries.

On completion of the surveys, the pickets were removed from the lake.

ELECTROMAGNETIC SURVEY

This was carried out employing a Ronka EM-16, using Cutler Maine, U.S.A. transmitting station. All readings were taken facing south.

One conductor was located during the survey. This crosses baseline "B" at about 14+00S.

MAGNETIC SURVEY

This survey was carried out using a McPhar M500A magnetometer. Readings were taken at 50 foot intervals.

On lines 0+00 and 4+00E, anomalous values up to 500 gammas near the shore were detected.

These may be due to a basic igneous flow or intrusive.

RADIOMETRIC SURVEY

The McPhar TC 33A scintillometer was employed.

Readings were taken at 100 foot intervals. No anomalous readings were located.

CONCLUSIONS

One EM conductor was located with no magnetic correlation.

The magnetic anomalous readings are believed to be due to a basic rock type.

Prospecting the land near these areas during the summer season might reveal the causes for the anomalous zones.

The surveys have been filed for assessment work credits with the Ministry of Natural Resources.

Respectfully submitted,

John Rawlinson Lill, B.Sc.P.Eng.

JRL:d



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Enter 20 days (for each)	- Other	Maiona	.					
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	Geochemical						-	<u> </u>
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and enter total(s) here	- Electromagnetic	<u> </u>						
	- Magnetometer							
	- Radiometric				1			
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	Geological							
					 			
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Type of Work Performed				· ·	MAY	9 1983	<u> </u>	
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Performed on Claim(s)				1/2	Rialinit	2 11213 4	116	
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Certification Verifying Repo				W				
I hereby certify that I have a or witnessed same during and					of Work anne	xed hereto, hevi	ng performed t	he work
Name and Postal Address of Pers							-	

Date Certified

A/811 27/23

Certified by (Signeture)

1362 (81/9)

Ministry of Natural Resources GEOPHYSICAL GEOLOGICAL GEOCHE

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.

Township or Area BEEMER Claim Holder(x) LYNCO RESOURCES INC.	MINING CLAIMS TRAVERSED List numerically
Survey Company JOHN R. L. '!! Author of Report JOHN R. L. '!! Address of Author 40 FIRTH CRES SCARBORO INT MICROSS	(prefix) (number)
Covering Dates of Survey MARCH 15/83 - APRIL 29/83 (linecutting to office) Total Miles of Line Cut 7000 1.3 MILES	L 578028 L 578029 L 578030
SPECIAL PROVISIONS CREDITS REQUESTED Geophysical —Electromagnetic	
Res. Geol. Qualifications D3A 426 Previous Surveys File No. Type Date Claim Holder RECEIVED MINING LANDS SECTION	

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey 280 Number of Readings Station interval 100' + 50' MAGNETIC Line spacing 400 Profile scale / " = 30 % Contour interval NOT CONTOURED Instrument MCPHAR M SOUA MAGNETIC Accuracy - Scale constant 5 G-AMMA MAXIMUM Diurnal correction method CHECK BACK ON PORTE CONTROL STATIONS Base Station check-in interval (hours) EVERY HOUR L4 too w 23 toos Instrument _____ RONKA EM16 Coil configuration FIXED HORIZONTAL + UBRITCAL Coil separation _____ 10/0 Accuracy _____ ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line Method: Frequency CUTLER MAINE USA. STATION NAA 17.8 KHZ Parameters measured VERTICAL IN PHASE FOUT OF PHASE COMPONENTS Instrument _____ Scale constant _____ GRAVITY Corrections made _____ Base station value and location _____ Elevation accuracy_____ Instrument _____ ☐ Frequency Domain Parameters - On time _____ ____ Frequency _____ Range ____ - Off time _____ - Delay time - Integration time Power ___ Electrode array ACT ACT SQUARE CARREST Electrode spacing

INDUCED POLARIZATION

Type of electrode _____

SELF POTENTIAL	
Instrument	Range
Survey Method	
Corrections made	
RADIOMETRIC	
Instrument	MCPHAR TC 33A SCINTILLOMETER
	TOTAL CAMMA COUNTS PER SECOND
	O. I NEV.
•	HIP LEVEL Background Count 5 CPS
Size of detector	1,5" DIAMETER X 1,5" HIGH = 2.65 INS3
Overburden SA	ND GRAVEL - SILT - WATER & ICE, ? (type, depth - include outcrop map)
	• •••
OTHERS (SEISMIC, DRILL V	·
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Parameters measured	
Additional information (for un	derstanding results)
raditional information (for un	• •
	,
AIRBORNE SURVEYS	
Instrument(s)	
` '	(specify for each type of survey)
Accuracy	(specify for each type of survey)
Aircraft used	
Sensor altitude	
Navigation and flight path reco	very method
Aircraft altitude	Line Spacing
	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)							
Average Sample Weight							
Method of Collection	Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)						
Soil Horizon Sampled	Others						
Horizon Development	Field Analysis (tests)						
Sample Depth	· · · · · · · · · · · · · · · · · · ·						
Terrain							
	Reagents Used						
Drainage Development	-						
Estimated Range of Overburden Thickness	· · · · · · · · · · · · · · · · · · ·						
	Extraction Method						
	A 1 1 136 3 1						
	Reagents Used						
	accagents oscu						
SAMPLE PREPARATION (Includes drying, screening, crushing, ashing)	Commercial Laboratory (tests)						
•	Name of Laboratory						
Mesh size of fraction used for analysis,	Extraction Method						
	Analytical Method						
	Reagents Used						
General	General						
	·						

Lynco Resources Limited Suite 806 88 University Avenue Toronto, Ontario M5J 1T6

Dear Sir:

RE:

Geophysical (Radiometric) Survey on Mining Claims L 578028 et al in Beemer Township.

With reference to the above mentioned survey, radiometric surveys must be accompanied by a coloured outcrop map. Please submit an outcrop map (in duplicate) quoting File 2.5519.

For further information, please contact Mr. F.W. Matthews at 416/965-1380.

Yours very truly,

E.F. Anderson Director Land Management Branch

Whitney Block, Room 6450 Queen's Park Toronto, Ontario M7A 1W8 Phone: 416/965-1380

S. Hurst:sc

cc: Mining Recorder
Kirkland Lake, Ontario

cc: Mr. John R. Eill 40 Firth Crescent Scarborough, Ontario MIG 2J5



Geotechnical Report **Approval**

June 28/83

	Mining Lands Com	ments			
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ॻ	To: Geophysics	Mr. Roger Bare	ow		
	Comments				
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	To: Geology - Exp	enditures	70		
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j	To: Geochemistry				
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	Approved	Wish to see again with corrections	Date	Signature	
	To: Mining Lands	Section, Room 6462, Whitney Block.	(Tel: 5-1380)		,
		- · · · · · · · · · · · · · · · · · · ·			

1983 06 01

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

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic and Magnetometer and Radiometric) survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims 1, 578028-29-30 in the Township of Beemer.

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

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

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

A. Barr:md

cc: Lynco Resources Ltd.
Suite 806, 88 University Avenue
Toronto, Ontario
M5J 1T6

Mr. John R. Lill
40 Firth Crescent
Scarborough, Ontario
M1G 2J5

JOHN R. LILL, B.Sc., P.Eng. GEOLOGIST

Tel: (416) 439-8309

40 FIRTH CRESCENT SCARBOROUGH, ONTARIO M1G 2J5

April 29th, 1983

RECEIVED

MAY - 4 1983

MINING LANDS SECTION

Department of Natural Resources, Mining Lands Section, Room 6450, Whitney Block, TORONTO, Ontario M7A IN3

Attention of F. W. Mathews

Gentlemen:

Enclosed are two copies of my report along with Report of Work and Technical Data Statement on the Beemer township property of Lynco Resources Inc.

Report of Work form has been sent to the Mining
Recorder in Larder Lake.

Yours truly,

John Rawlinson Lill, B.Sc.P.Eng.

JRL:d encls.2





Ministry of Natural Resources **Report of Work**

(Geophysical, Geological, Geochemical and Expenditures) 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.

	The Mining Act	 Do not use shaded areas below
Type of Survey(s)		Township or Area
ELECTROMAGNETIC, MAGA	VETIC, RADIOMETRIC	BEBMER
Claim Holder(s)		Prospector's Licence No.
LYNCO RESOURCE	s LTD.	T879
Address		
SUITE 806-88UNIVER		
Survey Company	Date of Sur	rvey (from & to) Total Miles of line Cut
JOHN R. LIYI	15 3 Day Mo	rvey (from & to) 83 19 3 83 7000 FEET
Name and Address of Author (of Geo-Technical repo	ort)	
JOHN R. LITT 40 FIR	TH CRES SCARBO	RO ONT MIG 255

JOHN R.				15 3 8 Day Mo.	93 19 Yr. Day	3 83 Mo. Yr.	7000	PEET
Name and Address of Author (o			Q & S	SCARBIR			a 255	
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For first survey: Enter 40 days. (This	- Electromagnetic	40		578028		-		
includes line cutting)	- Magnetometer	20		578029		:		
For each additional survey: using the same grid:	- Radiometric	20		578 030				
Enter 20 days (for each)	- Other							
	Geological		14.					
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Complete reverse side and enter total(s) here	- Electromagnetic							
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	Geochemical			h) /				
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Note: Special provisions credits do not apply	Electromagnetic			`_/				
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	Radiometric		36. 11. 5 4.				······································	
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erformed on Claim(s)								
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Calculation of Expenditure Days Total Expenditures	7	otal Credits						
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Total Days Credits may be ap			<u> </u>	For Office Use O	nlv	7		
choice. Enter number of days in columns at right.	s credits per claim selecte	id	Total Day	s Cr. Date Recorded	• • • • • • • • • • • • • • • • • • •	Mining Rec	order -	
	L'INCO RESOURCE	ES INC						
APRIL 29/8	corded Holder or Agent (S	Zell		Date Approved	es Recorded	Branch Dire		
tification Verifying Repo	rt of Work							
hereby certify that I have a or witnessed same during and					of Work anne	xed hereto, h	aving performed	the work

Name and Postal Address of Person Certifying

CRES SCARBORO ONT MIG. 255 APRIL 29/83

Date Certified

Assessment Work Breakdown

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

> Line-cutting Days

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Technical Days Credits

Technical Days

X 7

No. of Claims

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Total Credits

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