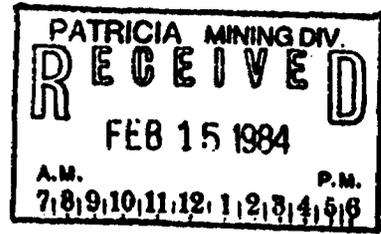




52007SE9401 2.6405 CALEY LAKE

010



▲

REPORT TO MOSS RESOURCES LTD.
ON THE GEOPHYSICAL SURVEYS
AT THEIR BEN LAKE PROPERTY,
PATRICIA MINING DISTRICT,
ONTARIO

RECEIVED

FEB 21 1984

MINING LANDS SECTION

January 16, 1984
Mississauga, Ontario
Canada

J.W.Kieley



52007SE9401 2.6405 CALEY LAKE

010C

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List of Drawings

- 1 Location Map, 1"=4 miles approx., enclosed in report
- 2 Apparent Chargeability, North $\frac{1}{2}$ of grid, 1"=400', back pocket
- 3 Apparent Chargeability, South $\frac{1}{2}$ of grid, 1"=400', back pocket
- 4 Apparent Resistivity, North $\frac{1}{2}$ of grid, 1"=400', back pocket
- 5 Apparent Resistivity, South $\frac{1}{2}$ of grid, 1"=400', back pocket
- 6 VLF-EM, North $\frac{1}{2}$ of grid, 1"=400', back pocket
- 7 VLF-EM, South $\frac{1}{2}$ of grid, 1"=400', back pocket
- 8 Magnetics, North $\frac{1}{2}$ of grid, 1"=400', back pocket
- 9 Magnetics, South $\frac{1}{2}$ of grid, 1"=400', back pocket

1.00 Summary

Induced polarization, total field magnetic and VLF electromagnetic surveys have outlined three discreet zones on the Ben Lake property of Moss Resources Ltd. These zones are typically magnetic, high in apparent chargeability, low in resistivity, and contain multiple horizons within each zone.

The main zone has been pitted and trenched on its west limits and results indicated encouraging gold values (von Hessert, 1983). The other two anomalous zones have not been trenched or drilled.

The history of exploration on the Ben Lake property is summarized by von Hessert, 1983:

" 1954 Prospector Ben Ohman, having discovered significant tuff and sediment-hosted gold on the neighbouring Hasaga property a year earlier, discovers gold in iron formation on the Bancroft Lake claims.

1963 Geologist J. Paxton visits the Bancroft Lake claims on behalf of Pickle Crow Gold Mines Ltd. During this two day examination, Paxton along with Ohman collects several pit and trench samples.

1973 Umex drills a hole on claim 570074 on an airborne geophysical anomaly subsequent to their discovery of the Thierry copper-nickel deposit at Kapkichi Lake.

1982 493217 Ontario Ltd. conducts a VLF-em and magnetic survey on the original nineteen Bancroft Lake claims and stakes four additional claims to cover geophysical anomalies trending off the south-eastern portion of the property.

1983 C. von Hessert visits the claims on behalf of Moss Resources and collects twelve samples."

2.00 Introduction

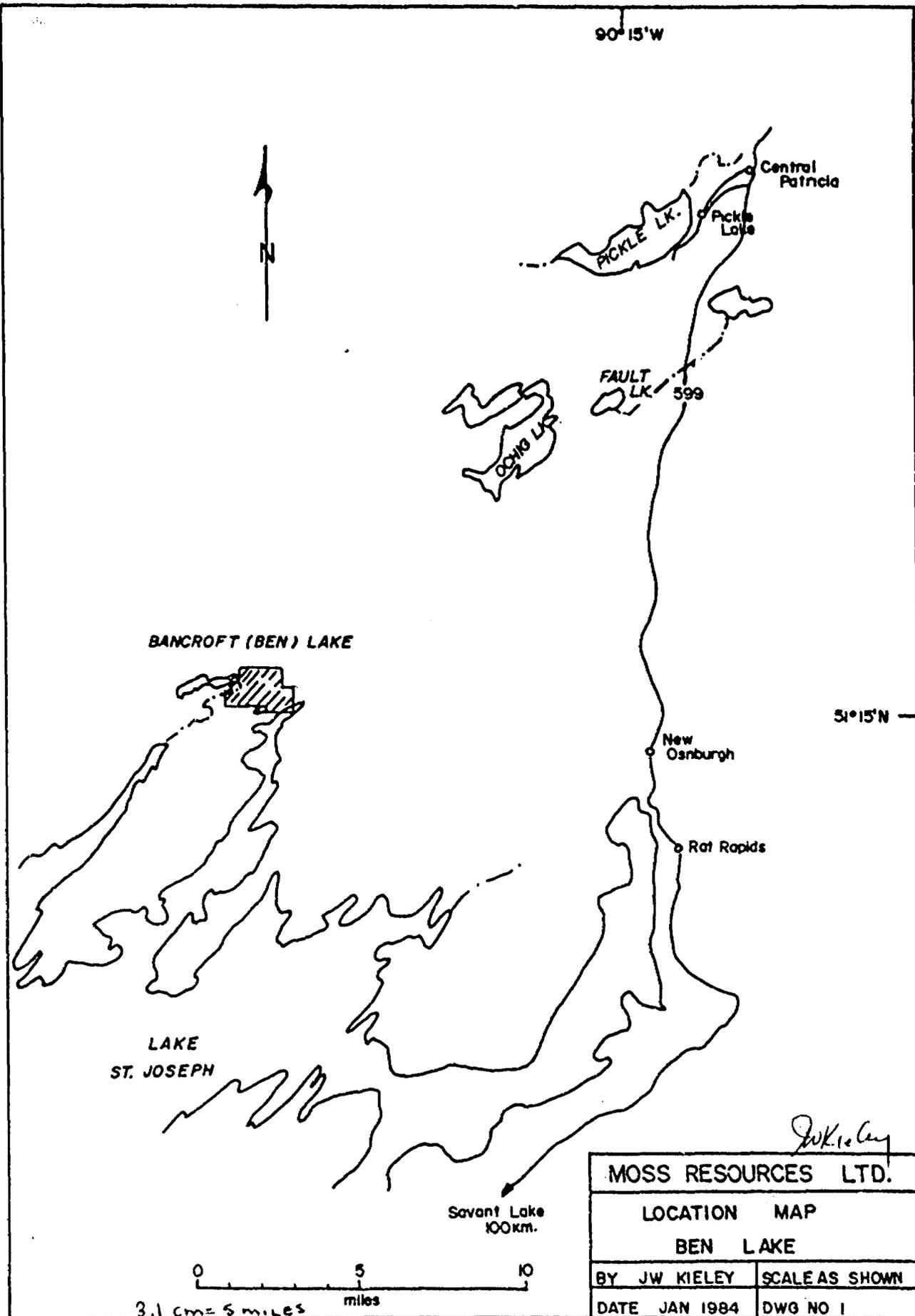
Moss Resources Limited, of 700-11 Adelaide Street West, Toronto, Ontario, acquired a group of 23 claims in early 1983 which was subsequently increased to 30 claims at Ben (Bancroft) Lake in the Patricia Mining District. The property is located some 20 air miles southwest of the town of Pickle Lake in the Meen-Dempster greenstone belt.

This report includes details of ground geophysical surveys completed on the property during November and December of 1983.

3.00 Location and Access

The Ben Lake property of Moss Resources Limited comprises a group of 30 contiguous claims located along the south and east shores of Ben (Bancroft) Lake in the Patricia Mining District of Ontario. (Drawing 1)

Access to the property is most easily effected by fixed wing aircraft from Pickle Lake, a distance of some 20 miles. Alternatively, access may be made by either boat or snowmobile from Highway 599 at New Osnaburgh via Doghole and Kasagiminnis Lakes.



90°15'W



Central Patricia

PICKLE LK.

Pickle Lake

FAULT LK.

599

OSAGE LK.

BANCROFT (BEN) LAKE

51°15'N

New Osburgh

Rat Rapids

LAKE ST. JOSEPH

J.W. Kieley

MOSS RESOURCES LTD.

LOCATION MAP

BEN LAKE

BY JW KIELEY

SCALE AS SHOWN

DATE JAN 1984

DWG NO 1

Savant Lake 100km.



3.1 cm = 5 miles

4.00 Geology

The geology of the Ben Lake property has been described by C. von Hessert, consulting geologist, in a report to Moss Resources during June of 1983. Although detailed mapping has yet to be completed, von Hessert concludes from his brief visit to the property that rocks on the Ben Lake property appear to be similar to those mapped in detail on the adjacent Hasaga property of Little Long Lac. Excerpts from a 1975 assessment report by geologist M. Motzuk on the Hasaga property describe a volcano-sedimentary sequence of andesites, dacites, rhyolites, cherts and slates intruded by later quartz veins and andesitic sills.

Contained within this sequence are several zones of silicious iron formation which were outlined by magnetics and induced polarization. Some of these zones, which form a series of en echelon horizons striking in a NE direction onto the Moss Resources claims, were tested by drilling. Best results indicated 149,000 tons grading 0.19 oz/ton Au and 41,780 tons grading 0.14 oz/ton Au. Von Hessert suggests the gold mineralization of the Moss Resources group is contemporaneous with the iron formation and concludes the property has a high potential for economic gold mineralization.

5.00 Geophysical Surveys

The geophysical surveys at Ben Lake were completed on a recently cut grid of chained lines on 200 foot centers and 100 foot stations. The total linecutting effort including base and tie lines was 55 miles.

5.10 Induced Polarization

The induced polarization survey was completed with a Scintrex manufactured IPR-8 time domain receiver and a 3000 watt TSQ-3 square wave time domain transmitter. A standard pole-dipole array with an 'a' spacing of 200', station interval 100', and 'n'=1 was utilized. The infinity electrode was earthed some 2000' from the nearest grid point to effectively minimize its influence.

Occasionally, readings were not possible due to poor earth contact at either the potential or current electrodes. This was frequently the case in areas of outcrop or near shallow creeks where solid ice conditions prevailed.

A total of 1126 stations representing 21.3 miles of survey at 100' intervals was completed.

Measurements are recorded in the field at the midpoint of the current and closest potential electrodes (C1-P1) as apparent chargeability in millivolts per volt. These are presented along with calculated apparent resistivity values in ohm-metres on drawings 2,3,4,and 5 located in the back cover of this report.

5.20 Electromagnetic

The VLF-em survey was completed with a Geonics manufactured EM-16 unit. The transmitter station located at Seattle, Washington was utilized for the duration of the survey. A total of 1030 stations were surveyed over the 7 new claims acquired late in 1983.

Measurements are recorded in the field as dip angle and quadrature and are presented on drawings 6 and 7.

5.30 Magnetic

The magnetic survey was completed with a Geometrics manufactured G-816 magnetometer which measures the total magnetic field. Diurnal control was effected by a series of base stations established along the base line and tie lines where necessary to provide a two hour closure time. A total of 3986 stations were measured over the 30 claim group and are presented on drawings 8 and 9.

6.00 Conclusions and Recommendations

The geophysical surveys during the described phase of exploration on the Ben Lake property have outlined three discreet, anomalous zones.

The most northerly zone is situated between line 4400E near 2500N to line 6800E at 2000N. This zone is characterized by resistivities to 250 ohm-metres, chargeabilities to 44 mv/v, a coincident VLF conductor and south flanking anomalous magnetics between lines 5600E and 7200E at 1700N. A secondary horizon, characterized by resistivities to 500 ohm-metres, negligible chargeabilities, coincident VLF expression and an isolated magnetic high on line 5800E at 2900N, is also indicated. Further prospecting of this zone may be hampered due to the dearth of outcrop in the area. The high resistivities to 20000 ohm-metres noted on the north half of the grid are believed due to silicious volcanics. On the south half of the grid, the main zone south of the base line has been traced as a continuous and magnetically anomalous zone between lines 800W and 7000E. Of particular interest within this zone are the anomalous magnetic and IP responses on lines 4000E and 4800E near 300-400S. Further west, this zone manifests itself as an arcuate feature of high peripheral magnetic intensity enclosing a unit of lower magnetic susceptibility, the latter which is noted to coincide with the main IP anomaly. This correlation could provide a pre-drilling discrimination of horizons based on their combined geophysical responses.

A local anomaly situated on line 2400E at 1600S, which exhibits high magnetic and moderate IP response, or on line 1600E where the IP response is greater but the magnetics less, should be considered for further detailed exploration.

Situated some 3000' south of the main zone on the grid is the third zone on the property. This zone has been outlined as a chargeability high between lines 3600E and 6200E with resistivities to 400 ohm-metres. A moderate VLF conductor is displaced 300' south on the central and east end of the zone and 100-200' north on the west end of the zone north of the small lake. The magnetic expression is distinctly anomalous on this north VLF offset and also exhibits correlation on lines 4800E and 5000E with the IP zone. Future prospecting should focus on lines 4800E and 5000E between 4200-4500S and on line 6200E between 4200-4400S.

A horizon defined between lines 4800E to 5600E at 5400S is characterized by a VLF deflection coincident with a resistivity low of 700 ohm-metres and along the north edge of anomalous chargeability values. The VLF response continues west through the small lake where magnetics are distinctly anomalous. Highest priority on the Ben Lake property should be given to detailed prospecting, mapping, and eventually drilling of the main zone on the claims located south of and parallel to the base line. This activity should focus on the area of the large arcuate magnetic feature where overburden was noted to be shallow during the course of the induced polarization surveys.

7.00 Additional Notes

Apparent chargeability values within 400' of the base line may be different on the north and south base maps due to overlap readings taken when the infinity electrode was moved from the north to the south side of the grid.

Apparent resistivity values shown of drawing 4 for line 4400E may be mislocated by one station because one current was not recorded during the survey.

The small pond on line 5200E at approximately 2000S is mislocated 200' too far south on drawings 3,5,7,and 9.

8.00 Statement of Qualification

I, John William Kieley, hereby certify that:

- 1) I am vice president and director of Nipissing Exploration Services Limited, with personal residence and offices at 1307 Mississauga Road, Mississauga, Ontario, and supervised the geophysical surveys.
- 2) I graduated from Cambrian College of Applied Arts and Technology, Sudbury, Ontario in 1974 with a Diploma of Geology Technology and have worked as a geophysical technologist and exploration geophysicist for 10 years.
- 3) I performed the induced polarization surveys on the Ben Lake property of Moss Resources Limited between November 19, 1983 and December 14, 1983.
- 4) I have no direct or indirect interest in the Ben Lake property and have no intention of acquiring any such interest.

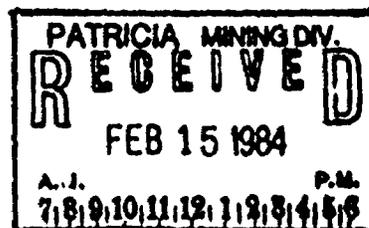
January 16, 1984


John Kieley

9.00 References

von Hessert, C. Report to Moss Resources Ltd. on
their Ben(Bancroft)Lake Property,
Patricia Mining District, Ontario
June, 1983.

MINING CLAIMS TRAVERSED



- 570068 ✓
- 570069 ✓
- 570070 ✓
- 570071 ✓
- 570072 —
- 570073 —
- 570074 —
- 570075 ✓
- 570076 ✓
- 570077 —
- 570078 —
- 570079 ✓
- 570080 —
- 570081 ✓
- 570082 ✓
- 570083 ✓
- 570084 ✓
- 570085 ✓
- 570086 ✓
- 629227 ✓
- 629228 ✓
- 629229 ✓
- 629230 ✓
- 719628 ✓
- 719629 ✓
- 719630 ✓
- 719631 ✓
- 719632 ✓
- 719633 ✓
- 719634 ✓

Total 30 claims



NIPISSING EXPLORATION SERVICES LIMITED

P.O. BOX 189, PORT CREDIT (MISSISSAUGA) ONTARIO L5G 4L7 (416) 274-2388

Mining Claims Traversed

Additional Claims:

629230

719628

719629

719630

719631

719632

719633

719634

Total: 8 this page

22 previous

30 Total

To be included with list of claims for Magnetometer survey
assessment work credits.

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1030 Number of Readings 1030
Station interval 100' occasionally 50' Line spacing 200'
Profile scale 1" = 400' = 40%
Contour interval

MAGNETIC

Instrument
Accuracy - Scale constant
Diurnal correction method
Base Station check-in interval (hours)
Base Station location and value

ELECTROMAGNETIC

Instrument Geonics EM-16
Coil configuration
Coil separation
Accuracy 1%
Method: [X] Fixed transmitter [] Shoot back [] In line [] Parallel line
Frequency Seattle Washington (specify V.L.F. station)
Parameters measured

GRAVITY

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

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



Ministry of Natural Resources

File _____

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) Geophysical
 Township or Area Caley Lake Claim Map Sheet
 Claim Holder(s) Moss Resources Ltd.
700-11 Adelaide St. W., Toronto
 Survey Company Geocanex Ltd.
 Author of Report John Kieley
 Address of Author 1307 Mississauga Rd., Miss. Ont.
 Covering Dates of Survey Nov. 1st, to Dec. 19th, 1983
 (linecutting to office)
 Total Miles of Line Cut 55

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
PA	570069
	570070
	570071
	570072
	570073
	570074
	570077
	570078
	570079
	570080
	570081
	570082
	570083
	570084
	570085
	570086
TOTAL CLAIMS <u>16</u>	

If space insufficient, attach list

SPECIAL PROVISIONS CREDITS REQUESTED	Geophysical	DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	-Electro. magnetic _____	
	-Magnetometer _____	
	-Radiometric _____	
ENTER 20 days for each additional survey using same grid.	-Other I.P. <u>20</u>	
	Geological _____	
	Geochemical _____	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
 Magnetometer _____ Electromagnetic _____ Radiometric _____
 (enter days per claim)
 DATE: Feb. 10, 1984 SIGNATURE: [Signature]
 Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys			
File No.	Type	Date	Claim Holder

GEOPHYSICAL TECHNICAL DATA

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

Number of Stations 1126 Number of Readings 1126
 Station interval 100' Line spacing 400'
 Profile scale _____
 Contour interval Ma 10" mv/v Pa Contours 40,70,100,150,400,700,1000,1500 etc.

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 Scintrex TSQ-3TX, 1PR-8Rx
 Method Time Domain Frequency Domain
 Parameters - On time 2 seconds Frequency _____
 - Off time 2 seconds Range _____
 - Delay time _____
 - Integration time _____
 Power 3000 Watt gas driven motor generator
 Electrode array pole-dipole
 Electrode spacing 200 feet
 Type of electrode Non-polarizing stainless steel electrodes.



NIPISSING EXPLORATION SERVICES LIMITED

P.O. BOX 189, PORT CREDIT (MISSISSAUGA) ONTARIO L5G 4L7 (416) 274-2388

Mining Claims Traversed

Additional Claims:

629230
719628
719629
719630
719631
719632
719633
719634

Total: 8 this page
22 previous
30 Total

To be included with list of claims for IP survey assessment work credits



Ministry of
Natural
Resources

Geotechnical
Report
Approval

File
2.6405

Mining Lands Comments

To: Geophysics *Mr. R. Barlow*

Comments

- ULI profile scale missing

<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Wish to see again with corrections	Date <i>April 18/84</i>	Signature <i>R. Barlow</i>
-----------------------------------	--	----------------------------	-------------------------------

To: Geology - Expenditures

Comments

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
-----------------------------------	---	------	-----------

To: Geochemistry

Comments

<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections	Date	Signature
-----------------------------------	---	------	-----------

To: Mining Lands Section, Room 8462, Whitney Block. (Tel: 5-1380)



Mining Lands Comments

You wanted to see this again

To: Geophysics *R. Barlow*

Comments

Approved Wish to see again with corrections Date *Aug 31 1988* Signature *RRL*

To: Geology - Expenditures

Comments

Approved Wish to see again with corrections Date Signature

To: Geochemistry

Comments

LD

Approved Wish to see again with corrections Date Signature

To: Mining Lands Section, Room 6462, Whitney Block. (Tel: 6-1380)



Ministry of
Natural
Resources

**Technical Assessment
Work Credits**

File
2.6405

Date
1984 09 17

Mining Recorder's Report of
Work No. 84-20

Recorded Holder
MOSS RESOURCES LTD

Township or Area
CA' EY LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ 40 days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	PA 570068 570075 629228 to 230 inclusive 719628 to 634 inclusive

Special credits under section 77 (16) for the following mining claims

<u>20 DAYS</u> PA 570076	<u>10 DAYS</u> PA 629227
-----------------------------	-----------------------------

No credits have been allowed for the following mining claims

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; Geological — 40; Geochemical — 40; Section 77(19)—80;



Ministry of
Natural
Resources

**Technical Assessment
Work Credits**

File 2.6405

Date 1984 09 17

Mining Recorder's Report of
Work No. 84-20

Recorded Holder
MOSS RESOURCES LTD

Township or Area
CALEY LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claim. Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization <u>8</u> days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" 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.	PA 570068 570075-076 629227 to 230 inclusive 719628 to 634 inclusive

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

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)—80;



Ministry of
Natural
Resources

**Technical Assessment
Work Credits**

File
2.6405

Date
1984 09 17

Mining Recorder's Report of
Work No. 84-22

Recorded Holder
MOSS RESOURCES LTD

Township or Area
CALEY LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization <u>10</u> days Other _____ days	PA 570069 to 074 inclusive 570077 to 086 inclusive
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input checked="" type="checkbox"/> Ground <input checked="" type="checkbox"/> <input checked="" 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

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;



Ministry of
Natural
Resources
F.W.M.

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#84-20

2.6405
The Mining Act

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.

man 25r

Mining Leads

Type of Survey(s) Geophysical	Township or Area Caley Lake Area M-3048
Claim Holder(s) Moss Resources Ltd.	Prospector's Licence No. T 1010
Address Suite 700 -11 Adelaide St. West, Toronto, Ontario M5H 1L9	
Survey Company Geocanex Ltd.	Date of Survey (from & to) 1 day 11 mo 83 14 day 12 mo 83
Total Miles of line cut 55	
Name and Address of Author (of Geo-Technical report) John Kieley, 1307 Mississauga Rd., Mississauga, Ontario L5H 2Y1	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	VLF- Electromagnetic	40
	- Magnetometer	20
	- Radiometric	
	- Other I.P.	20
For each additional survey: using the same grid. Enter 20 days (for each)	Geological	
	Geochemical	
	Geophysical	
	Electromagnetic	
Man Days Complete reverse side and enter total(s) here	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Geochemical	
	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
PA	570068				
	570075				
	570076				
	629227				
	629228				
	629229				
	629230				
	719628				
	719629				
	719630				
	719631				
	719632				
	719633				
	719634				

RECEIVED
FEB 14 1984

MINING LEADS

PATRICIA - MINING DIV
RECEIVED
JAN 25 1984
A.M. 7:8:9:10:11:12:1:12:3:4:5:6
P.M.

see revised statement

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures \$ + 15 =

Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date **Jan. 19/84**

Recorded Holder or Agent (Signature) *[Signature]*

Pa. 570068

Total number of mining claims covered by this report of work. **14**

For Office Use Only

Total Days Cr. Recorded **1120**

Date Recorded **Jan 25, 1984**

Date Approved as Recorded **Jan 25, 1984**

Mining Recorder *[Signature]*

Branch Director *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
H. J. Hodge, 700-11 Adelaide St. West, Toronto, Ontario M5H 1L9

Date Certified **Jan 19/84**

Certified by (Signature) *[Signature]*



Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#84-22
2.6405

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

man 257c

Mineral Lands

The Mining Act

Type of Survey(s) Geophysical	Township or Area Caley Lake Area M-3048
Claim Holder(s) Moss Resources Ltd.	Prospector's Licence No. T 1010
Address Suite 700 - 11 Adelaide St. West, Toronto, Ontario M5H 1L9	
Survey Company Geocanex Ltd.	Date of Survey (from & to) Day Mo. Yr. Day Mo. Yr. 11 83 14 12 83
Name and Address of Author (of Geo-Technical report) John Kieley, 1307 Mississauga Rd., Mississauga, Ontario L5H 2Y1	
Total Miles of line Cut 55	

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Electromagnetic	
	Magnetometer	
	Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	Other I. P.	20
	Geological	
	Geochemical	
Men Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	Electromagnetic	
	Magnetometer	
	Radiometric	
	Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim		
			Prefix	Number	Expend. Days Cr.
PA	570069				
	570070				
	570071				
	570072				
	570073				
	570074				
	570077				
	570078				
	570079				
	570080				
	570081				
	570082				
	570083				
	570084				
	570085				
	570086				

PATRICIA MINING DIV.
RECEIVED
JAN 25 1984
A.M. 8 9 10 11 12 P.M. 1 2 3 4 5 6

RECEIVED

see revised statement

Expenditures (excludes power stripping)

Type of Work Performed FEB 14 1984
Performed on Claim(s) MINING LANDS
Calculation of Expenditure Days Credits Total Expenditures \$ <input type="text"/> + 15 = <input type="text"/> Total Days Credits
Instructions Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.
Date Jan. 19/84
Recorded Holder or Agent (Signature) <i>[Signature]</i>

P. 570068

Total number of mining claims covered by this report of work. **16**

For Office Use Only	
Total Days Credits Recorded 320	Date Recorded Jan. 25, 1984
Date Approved or Received	Mining Recorder <i>[Signature]</i> Branch Director

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
H. J. Hodge Suite 700-11 Adelaide St. West Toronto M5H 1L9

Date Certified
Jan. 19/84

Certified by (Signature)
[Signature]

	IP		IS	mag	VLF	2.6405
570069	2/4	570068	3/4	✓	1/4	
070	2/4	075	3/4	✓	1/4	
071	3/4	076	3/4	✓	2/4	
072	2/4	629 227	2/4	✓	3/4	
073	2/4	228	3/4	1/4	1/4	
074	2/4	229	2/4	✓	✓	
077	2/4	230	2/4	✓	✓	
078	3/4	719 628	3/4	✓	✓	
079	2/4	629	2/4	✓	✓	
080	2/4	630	2/4	✓	✓	
081	2/4	631	2/4	✓	✓	
082	2/4	632	3/4	✓	✓	
083	2/4	633	2/4	✓	✓	
084	2/4	634	3/4	1/4	1/4	
085	2/4					
086	2/4					

~~10 days IP~~
~~8 days IP~~
~~10 days IP~~
~~8 days IP~~

10 days IP

8 days IP

~~10 days IP~~
~~8 days IP~~



Moss Resources Ltd.

February 8, 1984

Mr. A. Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 669
Courthouse
Sioux Lookout, Ontario
POV 2T0

Re: Work reports Caley and Dona Lakes areas

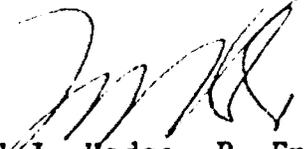
Dear Mr. Hanson:

Enclosed please find two copies of reports on geophysical surveys on Caley Lake and Dona Lake areas claims for assessment credits.

I presume that you have received completed transfer forms from Jack Hodge to Moss Resources Ltd. on 7 additional claims in the Caley Lake area.

I trust everything is in order.

Yours very truly,

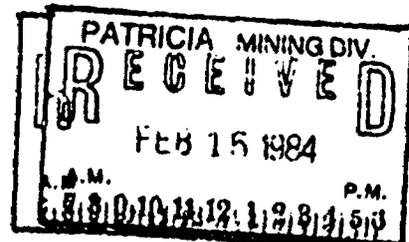

H.J. Hodge, P. Eng.
President

HJH:sh
Enclosures 2

RECEIVED

FEB 21 1984

MINING LANDS SECTION



11 Adelaide St. West, Suite 700
Toronto, Ontario M5H 1L9
Telephone 416-363-4376

Your File: 20-22
Our File: 2.6405

1984 02 29

Mr. Albert Hanson
Mining Recorder
Ministry of Natural Resources
P.O. Box 669
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

We have received reports and maps for a Geophysical (Electromagnetic, Magnetometer and I.P.) survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims PA 570068 et al in the Area of Caley Lake.

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

Yours very truly,

J.R. Horton
Acting Director
Land Management Branch

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

A. Barr:dg

cc: Moss Resources Ltd.
Suite 700 - 11 Adelaide St. W.
Toronto, Ontario M5H 1L9

cc: John Kieley
1307 Mississauga Road
Mississauga, Ontario
L5H 2Y1

June 8, 1984

Your File: 2.6405

Moss Resources Ltd
Suite 700
11 Adelaide Street West
Toronto, Ontario
M5H 1L9

Dear Sirs:

RE: Geophysical (Magnetometer, Electromagnetic and
Induced Polarization) Survey on Mining Claims
PA 570068 et al in the Area of Caley Lake

Returned herein are the VLF plans (in duplicate) for
the above-mentioned survey. Please show the profile
scale on each plan and return them to this office
quoting file 2.6405.

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

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

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

S. Hurst:mc

cc: Mining Recorder
Sioux Lookout, Ontario

Encl.



MOSS RESOURCES LTD.

June 25, 1984

Mr. S.E. Yundt
Director
Land Management Branch
Ministry of Natural Resources
Whitney Block, Room 6443
Queen's Park
Toronto, Ontario
M7A 1W3

Re: File 2.6405, Caley Lake
Area Claims

Dear Sir:

I am returning four (4) copies of VLF plans with the profile scale shown as you requested.

Yours very truly,

MOSS RESOURCES LTD.

H.J. Hodge, P. Eng.
President

HJH:sh
Enclosures

2.6405

804-34 KING ST. EAST
TORONTO, ONTARIO M5C 1E5
(416) 862-9078

RECEIVED
Management Branch

RECEIVED
JUN 26 1984
MINING LANDS SECTION



Ministry of
Natural
Resources

Oct 2/84

1984 09 17

Your File: 84-20 & 84-22
Our File: 2.6405

Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POV 2T0

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

AD D. Isherwood:mc

Encls.

cc: Moss Resources Ltd
Suite 700
11 Adelaide Street West
Toronto, Ontario
M5H 1L9

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



Ministry of
Natural
Resources

Ontario

Notice of Intent
for Technical Reports
1984 09 17
2.6405/84-20 & 84-22

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.

2.6405

1984 10 10

Your File: 84-20 & 84-22
Our File: 2.6405

Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

RE: Notice of Intent dated September 17, 1984
Geophysical (Magnetometer, Electromagnetic
and Induced Polarization) Survey on Mining
Claims PA 570060 et al in the Area of Caley
Lake

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

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

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

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

B. Isherwood:mc

cc: Moss Resources Ltd
Suite 700
11 Adelaide Street West
Toronto, Ontario
M5H 1L9

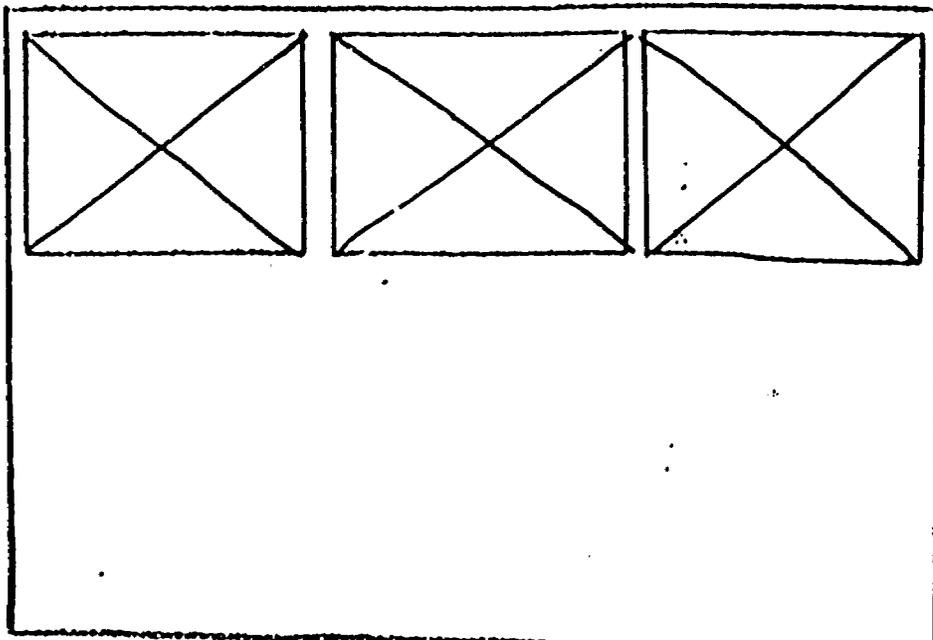
cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geologist
Sioux Lookout, Ontario

Encl.

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
520/07SE-0016, #1-3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)



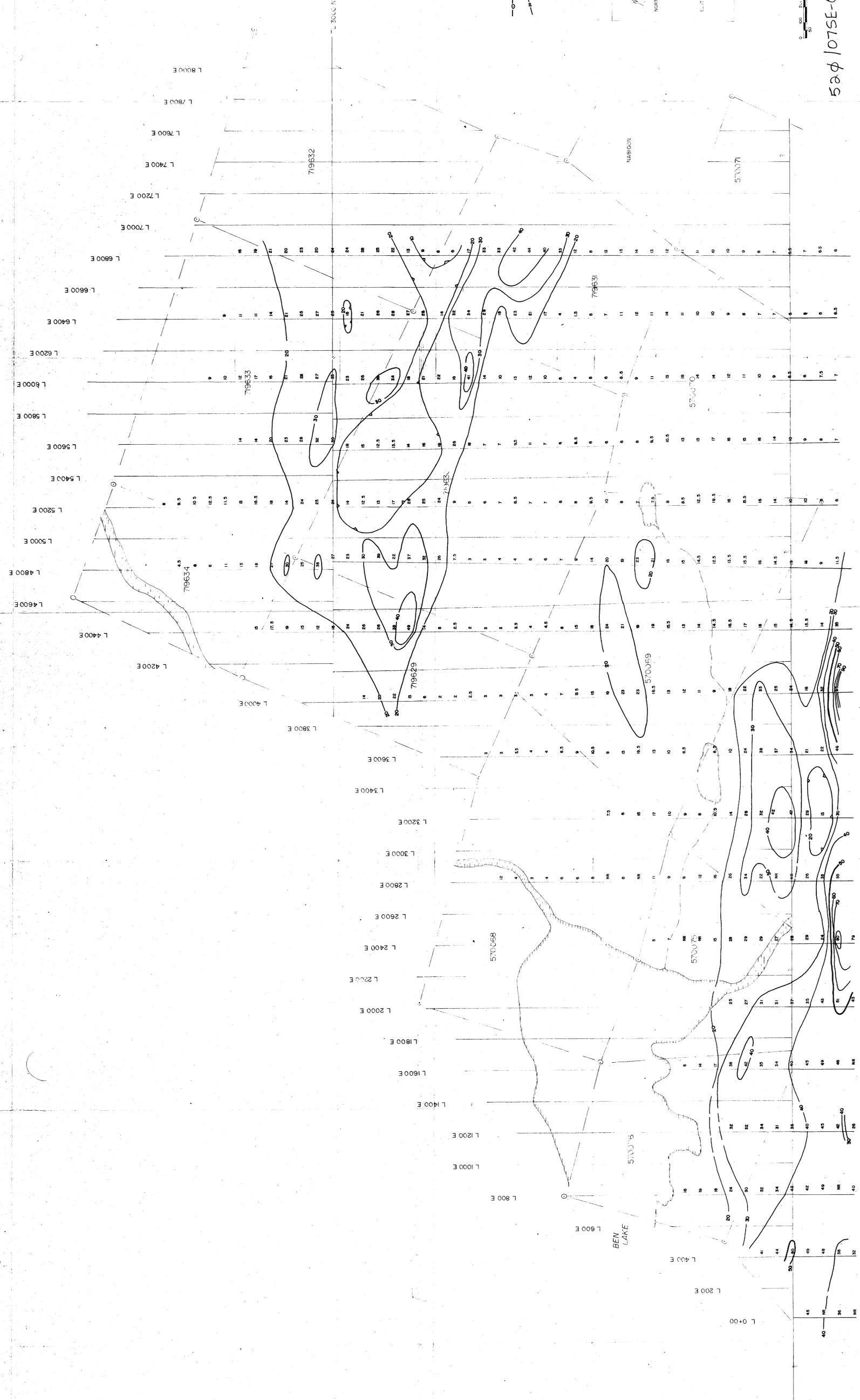
FOR ADDITIONAL

INFORMATION

SEE MAPS:

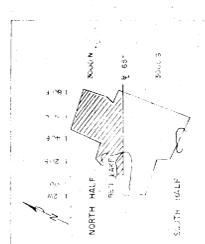
52φ/07SF-0016 = 4-8

4800 N
4600 N
4400 N
4200 N
4000 N
3800 N
3600 N
3400 N
3200 N
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N
1200 N
1000 N
800 N
600 N
400 N
200 N
0



LEGEND
 ○ CLAIM POST LINE
 --- APPARENT CHARGEABILITY BOUNDARY
 --- 100' W.P.

CONTOUR: 20, 30, 40, 50, 60, 70, 80, 90, 100
 1" = 100'



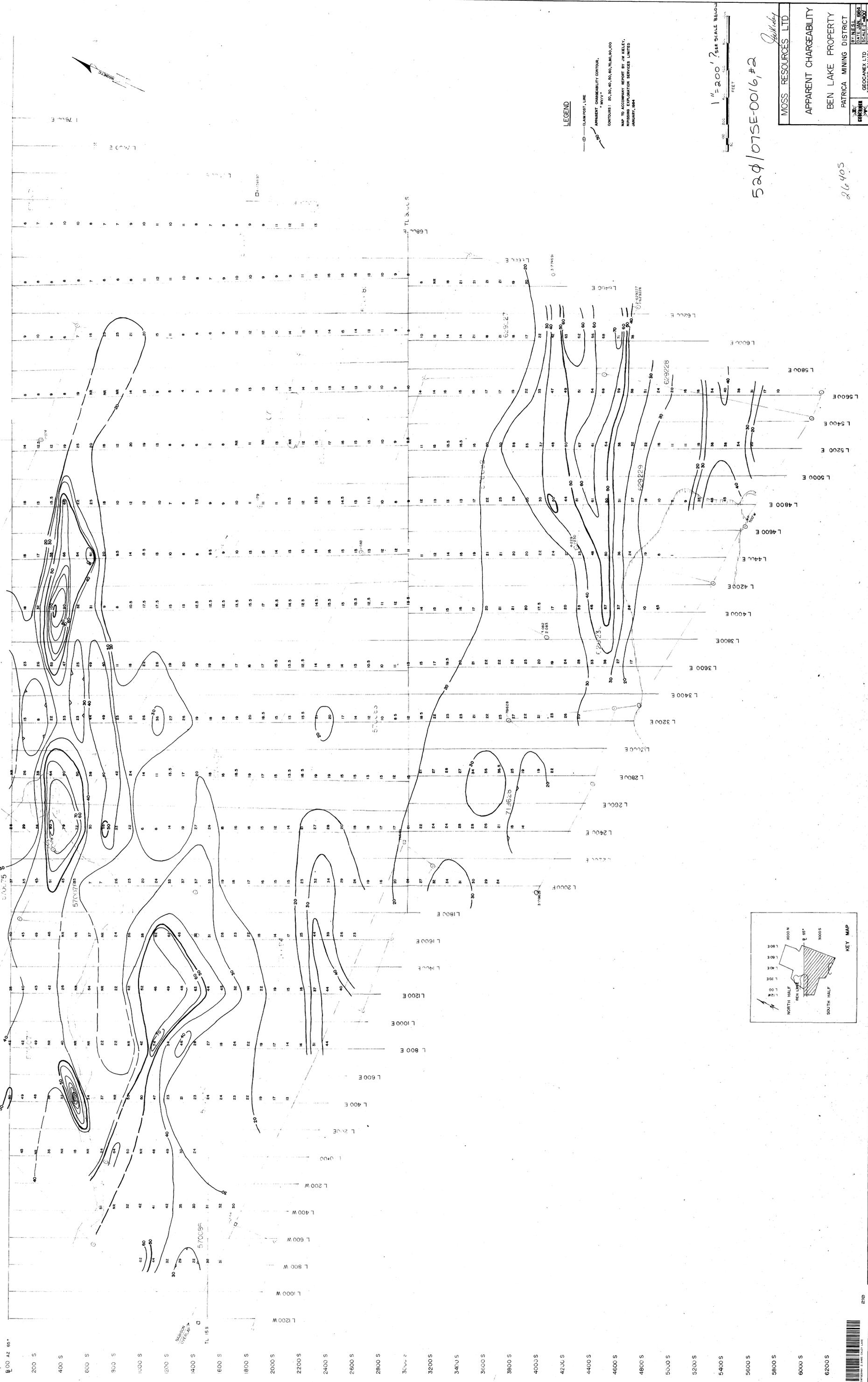
MAP TO ACCOMPANY REPORT BY J.W. KEELY,
 HYPERBOLIC EXPLORATION SERVICES LIMITED
 JANUARY 1984



1" = 100' SEE SCALE BELOW
 524 107SE-0016 #1

J. Kelly
 MOSS RESOURCES LTD
 APPARENT CHARGEABILITY
 BEN LAKE PROPERTY
 PATRICA MINING DISTRICT
 BY KEEL
 DATE JAN 1984
 SCALE 1" = 100'
 GEOCANEX LTD
 TORONTO, CANADA
 DWS No. 2

26405

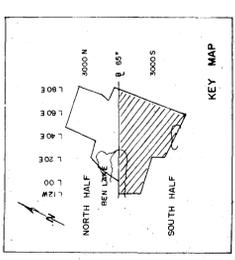


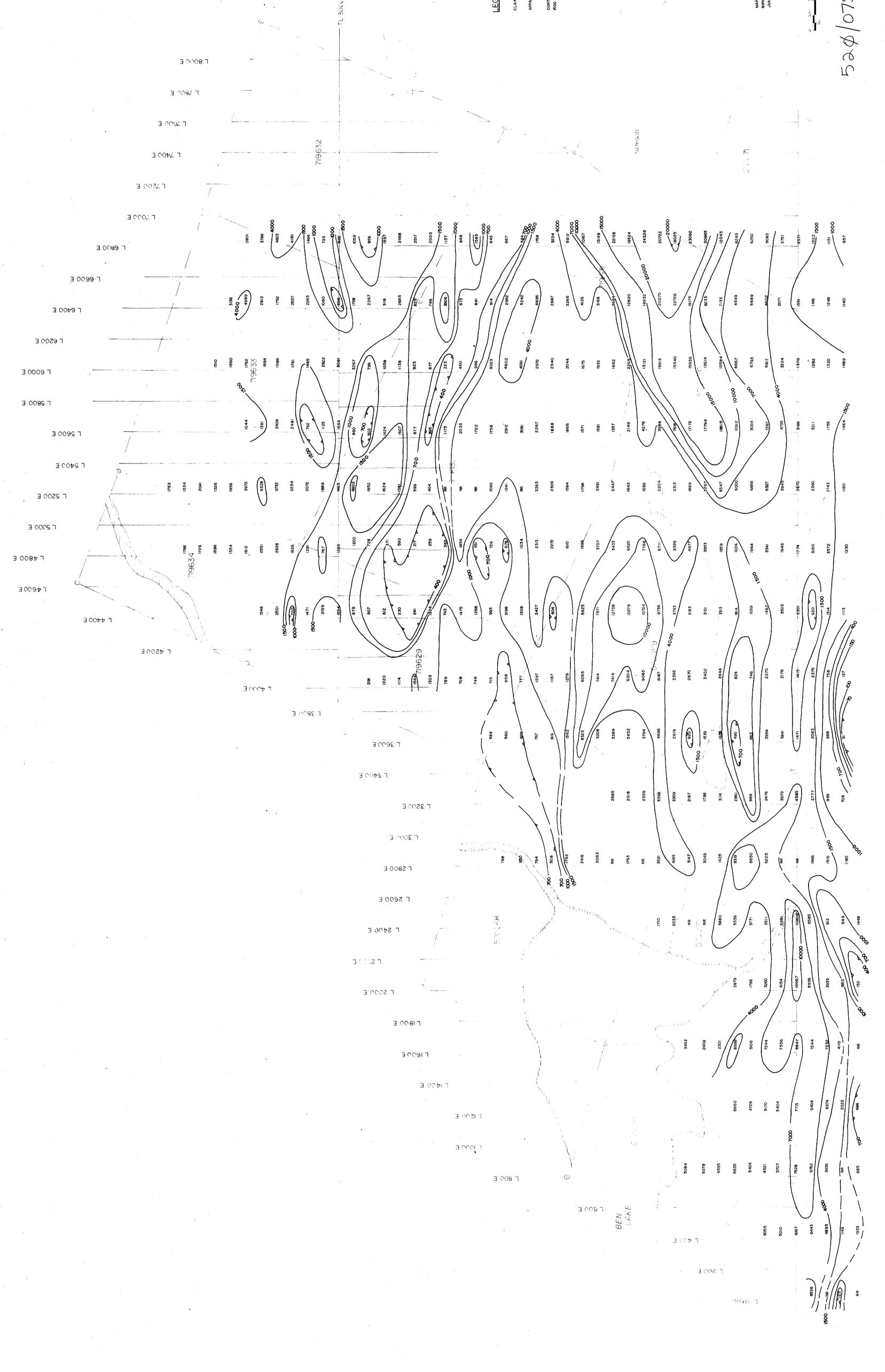
524/07SE-0016, #2

J. Kelly

MOSS RESOURCES LTD
 APPARENT CHARGEABILITY
 BEN LAKE PROPERTY
 PATRICA MINING DISTRICT
 1:25000 SCALE
 GEOCANEX LTD
 TORONTO, CANADA

26405





LEGEND
 CLAIM POST LINE
 APPARENT RESISTIVITY CONTOUR,
 100 OHM METERS
 CONTOURS TO 500 1000 2000 3000
 4000 5000 6000 8000 10000

MAP TO ACCOMPANY REPORT BY AM WILBY
 IMPROVING EXPLORATION SERVICES LIMITED
 JANUARY, 1984

1" = 200' ? SEE SCALE BELOW
 FEET

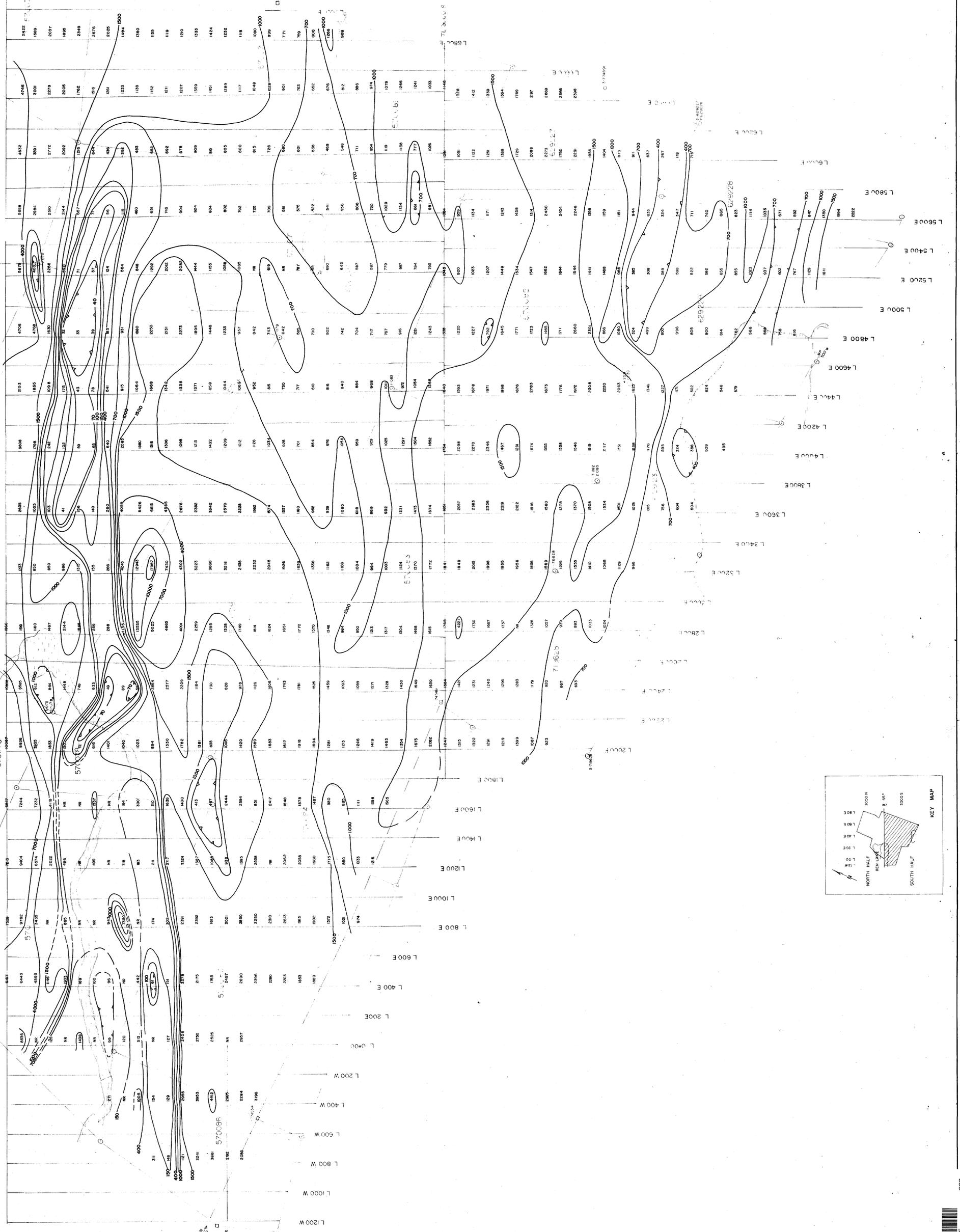
520/107SE-0016, #3

26405

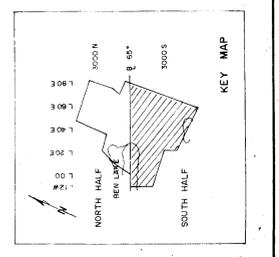
MOSS RESOURCES LTD
 APPARENT RESISTIVITY
 BEN LAKE PROPERTY
 PROJECT: APPARENT RESISTIVITY
 BY: N.E.S.L.
 DATE: JAN. 1984
 SHEET: 16 OF 400
 REGION: SASKATCHEWAN
 TOWN: SASKATCHEWAN



800 AZ 85°
 200 S
 400 S
 600 S
 800 S
 1000 S
 1200 S
 1400 S
 1600 S
 1800 S
 2000 S
 2200 S
 2400 S
 2600 S
 2800 S
 3000 S
 3200 S
 3400 S
 3600 S
 3800 S
 4000 S
 4200 S
 4400 S
 4600 S
 4800 S
 5000 S
 5200 S
 5400 S
 5600 S
 5800 S
 6000 S
 6200 S



520/07SE-0016, #4
 2005



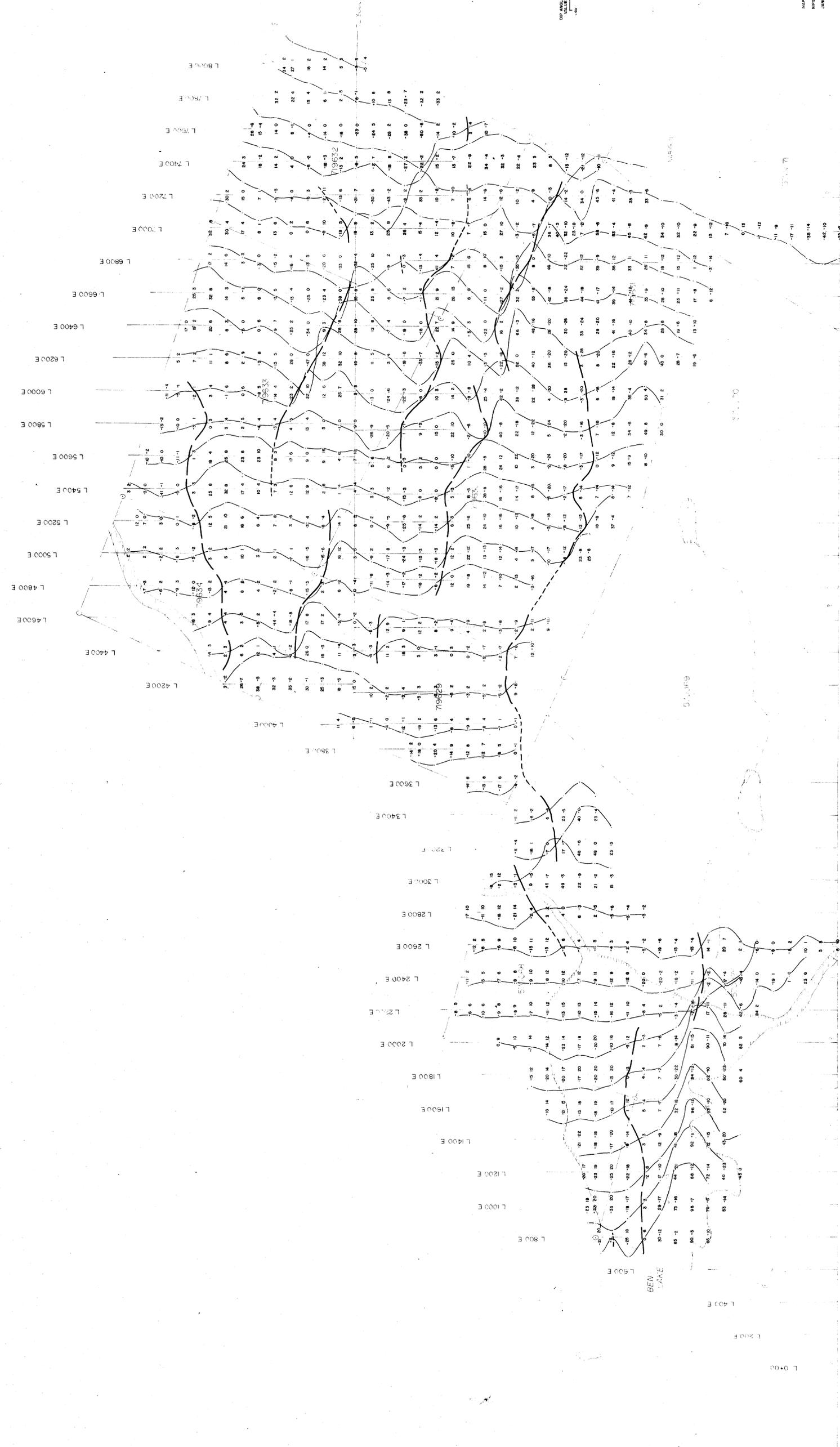
MOSS RESOURCES LTD
 APPARENT RESISTIVITY
 BEN LAKE PROPERTY
 PATRICA MINING DISTRICT
 GEONAVEX LTD
 DATE: JAN 1994
 SCALE: 1:200
 DRAWN BY: J.W. KELEY
 CHECKED BY: J.W. KELEY
 PROJECT NO.: 520/07SE-0016, #4
 SHEET NO.: 2005

1:200 ? SEE SCALE BELOW

LEGEND
 CLEAR POST LINE
 APPARENT RESISTIVITY CONTOUR
 CONTOURS: 40, 100, 400, 1000, 2000, 4000, 10000, 20000, 40000

MAP TO ACCOMPANY REPORT BY J.W. KELEY,
 NPRESSING EXPLORATION SERVICES LIMITED,
 JANUARY, 1994.

4800 N
4600 N
4400 N
4200 N
4000 N
3800 N
3600 N
3400 N
3200 N
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
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400 E
200 E
0+00



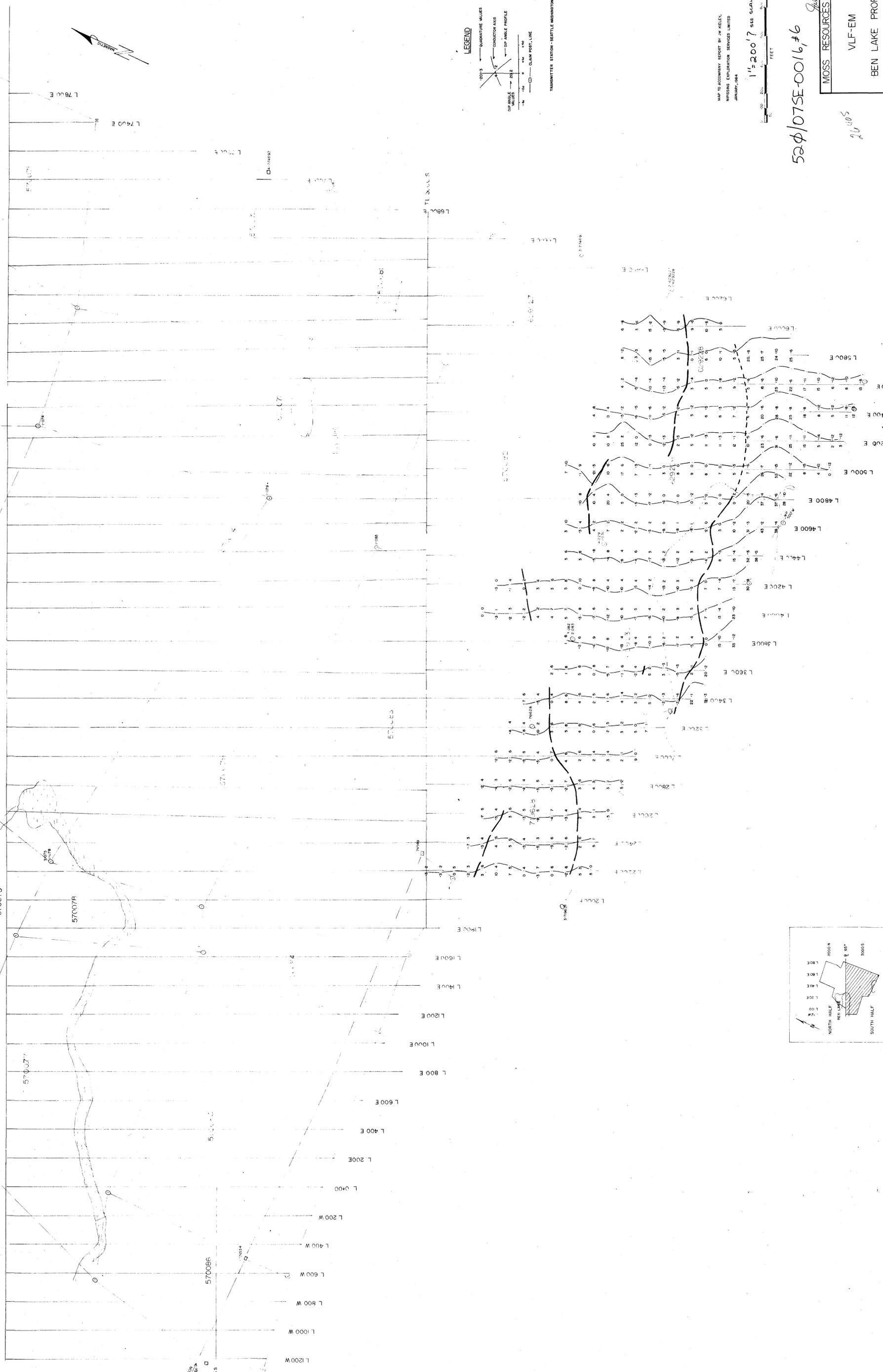
52φ/07SE-0016, #5
26005

MOSS RESOURCES LTD
VLF-EM
BEN LAKE PROPERTY
ESTINITY MINING PROJECT
BY N.E.S.L.
DATE JAN 94
PROJECT NO. 001
TURKEY, CANADA

MAP TO ACCOMPANY REPORT BY J.W. KEELY,
IMPRESSING EXPLORATION SERVICES LIMITED
JANUARY, 1994
1" = 200' SEE SCALE BELOW



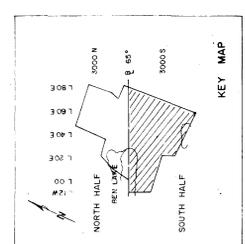
00 Az
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 1200 S
 1400 S
 1600 S
 1800 S
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 2400 S
 2600 S
 2800 S
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 3600 S
 3800 S
 4000 S
 4200 S
 4400 S
 4600 S
 4800 S
 5000 S
 5200 S
 5400 S
 5600 S
 5800 S
 6000 S
 6200 S



LEGEND
 QUANTITATIVE VALUES
 CONDUCTOR AXIS
 DIP ANGLE PROFILE
 CLAIM POST, LINE
 TRANSMITTER STATION - SEATTLE WASHINGTON

MAP TO ACCOMPANY REPORT BY J.W. HALEY,
 WIPERSO EXPLORATION SERVICES LIMITED
 JANUARY, 1984

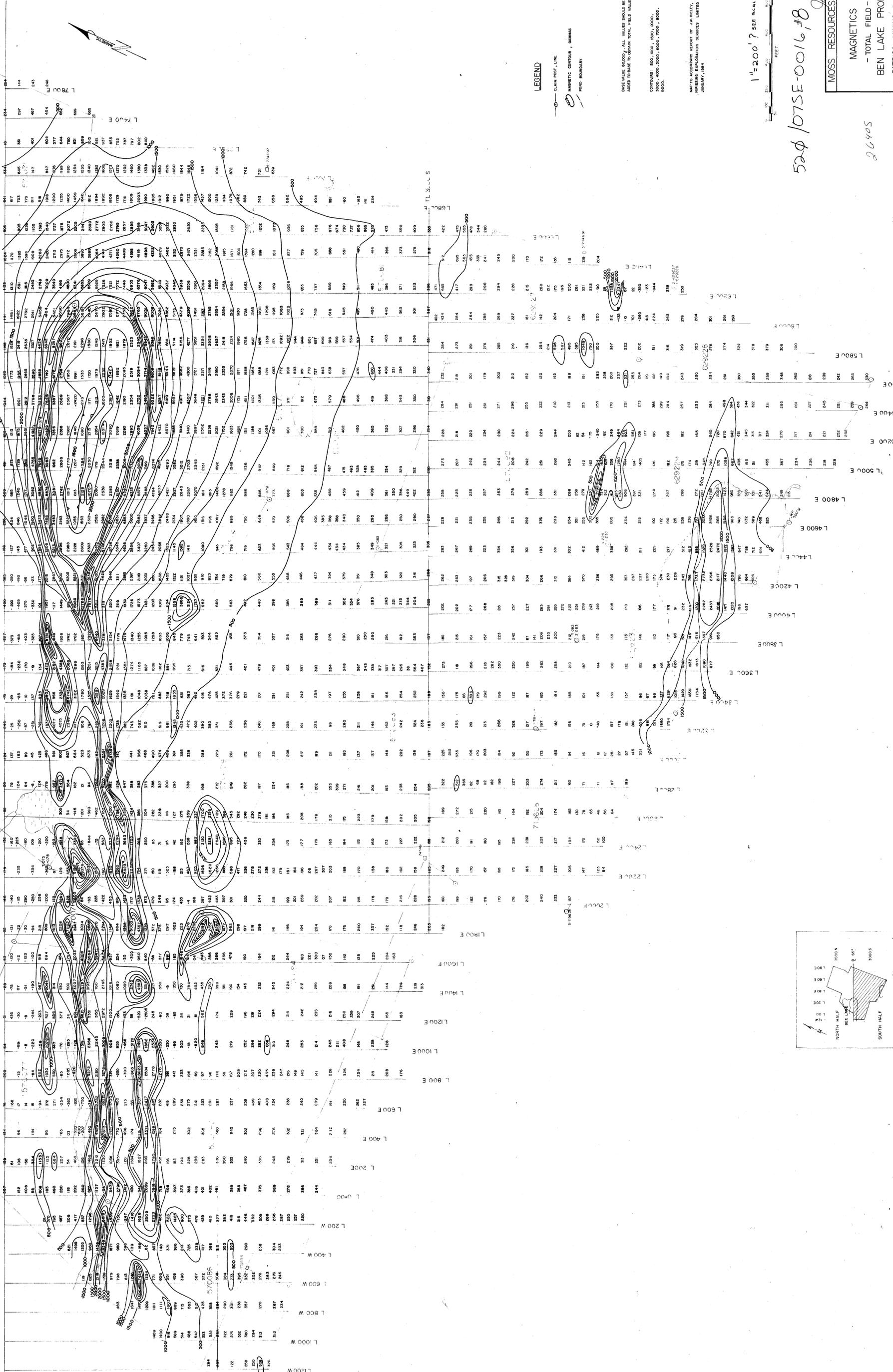
1" = 2000' 17
 SEE SCALE 05/000
 FEET



520/075E-0016, #6
 20405
 MOSS RESOURCES LTD
 VLF-EM
 BEN LAKE PROPERTY
 PATRICA MINING DISTRICT
 BY: J.W. HALEY
 SCALE: 1" = 2000'
 GEOGRAPHIC COORDINATES
 TORONTO, CANADA
 DRAWING NO. 7



800 AZ 05+
 200 S
 400 S
 600 S
 800 S
 1000 S
 1200 S
 1400 S
 1600 S
 1800 S
 2000 S
 2200 S
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 4800 S
 5000 S
 5200 S
 5400 S
 5600 S
 5800 S
 6000 S
 6200 S



52d/07SE-0016 #8
 26405
 MOSS RESOURCES LTD
 MAGNETICS
 - TOTAL FIELD -
 BEN LAKE PROPERTY
 PATRICK MINING DISTRICT
 GEOCANEX LTD
 DATE JAN 1984
 SCALE 1:200
 SHEET NO 8

