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MINING LANDS SECTION

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LOCATION and ACCESS

The claim group is located in the Townships of Harker and Garrison approximately 40km west along Hiway 101 from Matheson, Ontario. The north end of the claim group is 2 km south of Hiway 101. Access to the property is via a bush road that extends south from Hiway 101 through the west-central portion of the property.

PROPERTY

The Harker-Garrison claim group consists of 24 unpatented mining claims as follows:

L765892 - L765900 inclusive	9	Harker Township
L765901 - L765915 inclusive	15	Garrison Township

ng Division on plan M-353 (Harker Township) and M-349 (Garrison Township). All claims are recorded in the name of Lynx Canada Explorations Ltd.

GRID-LINECUTTING

An exploration grid totalling 42km has been established to cover all claims. Line spacing is 100m with stations established at 25m intervals. The baseline and tielines trend north-south.

SUMMARY OF EXPLORATION

This report details the results of an exploration program undertaken by Lynx Canada Explorations Ltd. and Sparton Resources Inc. Surveys include complete coverage of all claims with linecutting, a VLF-EM survey, a magnetometer survey, and a geological survey. Stripping and sampling of local anomolous areas has also been completed.

PREVIOUS WORK

- 1918 Reconnaissance mapping of the Abitibi-Night Hawk gold area by the Ontario Bureau of Mines. O.B.M., Vol. XXVIII, 1919, pt. 2, pp. 4, 6, 27, 33, 44, 51, 52, 64, and map No. 28b.
- 1924 The Ontario Department of Mines re-examined the area as part of a survey of the Lightning River gold area. O.D.M. Vol. XXXIV, 1925, pt. 6, pp. 86, 91-93, 97, 98, and map No. 34a.
- 1946-49 Shunsby Gold Mines Limited completed a program of stripping, trenching, magnetic surveying, and diamond drilling on the "Shunsby Occurance". Drilling consisted of 4,005 feet in 9 holes. This occurrence consists of quartz stringers in a zone 4 feet wide and 130 feet long in pyritiferous mafic volcanics.

1949 Mapping of Garrison Township by the Ontario Department of Mines
at a scale of 1"=1000'.Map 1949-1

1951 Mapping of Harker Township by the Ontario Department of Mines at a
scale of 1"=1000'.Map 1951-4

MAGNETIC SURVEY

Instrumentation

The survey was performed by U.T.M. Inc. using a geoMetrics G-816 portable proton-precession magnetometer. A geoMetrics Model G-826A base station proton magnetometer was used to record and correct for diurnal variations.

The G-816 has an accuracy of +/-1 gamma in a field of 50,000 gammas. However, actual survey accuracy is proportional to the degree of care used in applying diurnal corrections.

Theory of Operation

Magnetic variations are caused by variations in magnetization of the rock from station to station. This magnetization exists because of the presence of minerals with high magnetic susceptibility. The most common minerals to affect the earth's magnetic field are magnetite, pyrrhotite, and ilmenite. Magnetometers are used to measure this variation.

The G-816 is a proton precession magnetometer. This magnetometer utilizes the precession of spinning protons in a volume of kerosene to measure the total magnetic field intensity.

When the hydrocarbon is subjected to an electric current the spinning protons are temporarily polarized. When the current is removed the spin of the protons causes them to precess about the direction of the ambient magnetic field. The signal generated by the precessing protons is directly proportional to the intensity of the total magnetic field. The magnetic intensity measured is the magnitude of the earth's magnetic field vector independent of its direction. A change in the total field intensity is referred to as an anomaly.

Survey Procedure

Data was collected at 12.5m intervals using a geoMetrics G-816 proton magnetometer. Field data was then referred to the log of a base station recorder (geoMetrics G-826A) which operated continuously throughout the survey for correction. The corrected data is plotted at a scale of 1:2500 and contoured.

Discussion of Results

The magnetic survey indicates that the general geological strike on the claim block is north to north-northeast.

A broad area of low magnetic relief on the west and northwest ends of the claim group represents the eastern extent of a large granitic stock centred in Garrisson Township. A second area of low magnetic relief occurs in the southeast corner of the claim group.

Several strong "formational" anomalies were detected during the magnetic survey. The magnetic anomaly trending north-northeast from L-9+00S is covered by overburden. It is interpreted as being a magnetite bearing iron formation.

A series of anomalies in the central portion of the property between L5+55S and L0+00 are associated with a zone of mineralized mafic volcanics

that have gold values up to 0.104 oz/ton. The magnetic anomaly may be an unexposed iron formation adjacent to the mineralized zone. Old drill core containing iron formation was seen near the anomaly

ELECTROMAGNETIC SURVEY

Instrumentation

A VLF-EM survey was performed by U.T.M.Inc.using a Geonics EM-16 unit.

Theory of Operation

VLF-transmitting stations operating for military communication have vertical antenna.The vertical antenna creates a concentric horizontal magnetic field .When these magnetic fields encounter conductive bodies in the ground, a secondary field is created.The VLF receiver measures the vertical components (inphase and quadrature) of these secondary fields.

The EM-16 is a sensitive receiver covering the frequency bands of the VLF-transmitting station with means of measuring the vertical field components.

The receiver has two inputs,with two receiving coils built into the instrument.One coil has normally vertical axis,the other is horizontal.

The signal from one of the coils (vertical) is first minimized by tilting the instrument.The tilt angle is calibrated in percent.The remaining signal in this coil is finally balanced out by a measured percentage of a signal from another coil,after being shifted by 90 degrees.

Thus if the secondary signals are small compared to the primary horizontal field,the mechanical tilt angle is an accurate measure of the vertical real-component,and the compensation 90 degree signal from the horizontal coil is a measure of the quadrature vertical signal.

Survey Procedure

Readings were taken at 25m intervals over the entire grid.Readings at 12.5m were taken over anomolous areas to more accurately locate the conductor Both the dip angle and the quadrature were noted at each station.The transmitting station used was Cutler,Maine (NSS 24.8 kHz)

To take a reading the refrence coil ("T") in the lower end of the handle is oriented along the magnetic lines 90 degrees to the station direction.This is acheived by swinging the instrument back and forth until a minimum sound intensity is heard.The quadrature dial is then adjusted until the sound is further minimized.The dip is then read from the inclinometer and the quadrature from the dial.The same direction is always faced when readings are taken.

Discussion of Results

The following table summarizes the results of the VLF-EM survey:

ELECTROMAGNETIC SURVEY
SUMMARY TABLE

#	LOCATION	TREND	LENGTH	STREN/COND.	MAGNETIC ASSOCIATION	GEOLOGY	COMMENTS
Q	L-3+00S 3+25E	N-S	600m open N	70 GOOD	MAG LOW -300 to -500	NO O/C.AREA OF MAEIC ANOMOLY AT HIGH ANGLE TO GEOLOGICAL STRIKE	PROBABLY A SHEAR ZONE EXTEND IP SURVEY TO COVER ANOMOLY.
T	L-10+00S 6+50E	NW-N	800m open S	127 GOOD	AREA OF LOW MAG. RELEIF.CROSSES A STRONG MAG AT L10+50S 6+25E	NO O/C AREA OF MAEIC VOLCANIC	TERMINATED TO N BY FAULT? PROSPECT ALONG AXIS
U	L-9+00S 0+75E	N-S	600m open S	97 POOR	FLANKING ON A 'SPOT' HIGH AT 8+00S 1+50E	NO O/C AREA OF MAEIC VOLCANICS	POSSABLE EXTENTION OF ANOMOLY X.MAG. SIGNATURE NOT THE SAME AS ANOMOLY X.
V	L-11+00S 0+25W	N-S	350m	133 POOR	IN AN AREA OF LOW MAG	MAEIC TUFFS	POSSABLE EXTENSION OF ANOMOLY X.
W	L-13+00S 2+00W	NE-SW	400m open S	81 POOR	WEAK ASSOC. <700	NO OUTCROP	EVALUATE AFTER COMPLETION OF IP SURVEY.
X	L-4+00S 0+50E	N-S	500m	107 POOR	FLANKING AND DIRECT VARIES ALOG LENGTH	FLANKING ON ZONE OF MINERALIZED MAEIC VOLC.VALUES <=.104 oz/ton	FOLLOW UP IP SURVEY ALONG LENGTH OF ANOMOLY.DETERMINE RELATION TO ANOMOLIES X,V,AND U.
Y	L-3+00S 0+75W	?	<100m	33 POOR	MAG DEPRESSION -500	NO OUTCROP	PROBABLE CAUSE IS THE ADJACENT CREEK
Z	L-1+00S 2+25W	N-S	200m open N	55 GOOD	FLANKING ON MAG HIGH TO THE WEST (I.F)	NO O/C CLAY OVERBURDEN	CONDUCTOR PROBABLY CONTINUES N OFF GRID PROSPECT ON ANOMOLY AND TO N OF GRID.

HARKER-GARRISSON
SAMPLE DIARY

SAMPLE #	AU oz/ton	AU ppb	LOCATION		DESCRIPTION
9901	0.001	30	1+05E	13+29S	MASSIVE BASALT
9902	NIL	NIL	2+00E	11+75S	SHEARED BASALT
9903	<0.001	10	2+95E	11+25S	BASALT WITH CARBONATE ALTERATION
9904	nil	nil	0+85E	11+45S	LAMINATED TUFF
9905	nil	nil	4+90E	10+00S	SILICIFIED VOLC. 3%PYRITE
9906	0.001	30	1+85E	8+60S	FELDSPAR PORPHYRY
9907	0.011	380	3+75E	8+24S	FELSPATHIZED BASALT 1"WIDE
9908	0.001	30	3+90E	8+45S	SHEARED BASALT
9909	<0.001	10	9+00E	8+25S	LAMINATED TUFF
9910	0.004	140	6+60E	6+50S	FELDSPAR PORPHYRY
9911	0.005	170	5+40E	6+65S	PINK SYENITE
9912	0.019	650	4+25E	5+40S	SHEARED VOLC. QTZ, 5%PYRITE
	0.017	580			
9913	0.007	240	0+40E	5+25S	SILICIFIED VOLCANIC
9914	0.009	310	0+40E	5+25S	LESS SILICIFIED, 20% PYRITE
9915	0.012	410	0+40E	5+25S	F.G. SILICIFIED BASALT
9916	0.012	410	0+40E	5+25S	F.G. SILICIFIED BASALT
9917	0.010	340	1+60E	5+25S	F.G. BASALT 10% PYRITE
9918	0.019	650	1+60E	4+40S	CHERT
9919	0.006	210	1+60E	4+40S	GREY CHERT 5% PYRITE
9920	0.003	100	1+60E	4+40S	GREY CHERT
9921	0.054	1850	1+60E	4+40S	SILICIFIED VOLC. 15% PYRITE
	0.062	2130			
	0.072	2470	SECOND PULP		
	0.064	2190			
9922	0.040	1370	1+60E	4+40S	CHERT, HONEY-COLORED, PYRITIC
9923	0.035	1200	1+60E	4+40S	CHERT, GREY, PYRITIC
9924	0.005	170	1+60E	4+40S	SILICIFIED ROCK, 8-10% PYRITE
9925	0.028	960	1+35E	4+25S	DARK GREY PYRITIC ROCK
9926	0.024	820	1+35E	4+25S	CHERT, PYRITIC
9927	0.014	480	1+17E	4+15S	LAMINATED CHERT
9928	0.001	30	6+25E	3+00S	BLACK CHERT
9929	NIL	NIL	7+55E	3+95S	SILICIFIED TUFF
9930	<.001	10	2+00E	3+95S	HYALOCLASTITE
9931	0.013	450	1+90E	3+95S	SILICIFIED TUFF
9932	0.015	510	1+17E	4+15S	QTZ/FELDS VEIN
	0.017	580			
9933	0.014	480	1+17E	4+15S	PYRITIC VOLCANICS
9934	NIL	NIL	1+17E	4+15S	FELDSPATHIZED VOLCANICS
9935	0.011	380	1+17E	4+15S	VOLCANICS 65-70% PYRITE
9936	0.001	30	1+75E	3+95S	IRON FORMATION
9937	0.001	30	1+75E	3+95S	VOLCANICS
9938	NIL	NIL	8+75E	2+30S	SILICIFIED ALTERATION HALO 10%PY
9939	NIL	NIL	6+35E	2+15S	DIKE MATERIAL

9940	NIL	NIL	6+35E	2+15S	ALTERATION MATERIAL
9941	0.010	340			
9942	0.006	210			
9943	0.020	690			
	0.022	750			
9944	0.001	30			
9945	NIL	NIL	1+75E	3+95S	ALTERED VOLCANICS
9946	0.001	30	1+75E	3+95S	MAGNETIC SEDIMENTS
9947	0.001	30	1+75E	3+95S	MAGNETIC SEDIMENTS
9948	NIL	NIL	1+75E	3+95S	ALTERED VOLCANICS
9949	NIL	NIL	1+75E	3+95S	BRECCIATED VOLCANICS
9950	NIL	NIL	1+75E	3+95S	SEDIMENTS
9951	NIL	NIL	1+75E	3+95S	BRECCIATED ROCK
9952	0.009	310	1+15E	3+35S	QUARTZ VEIN
9953	0.012	410	1+20E	3+40S	BEDDED TUFF, AGGLOMERATE
9954	0.038	1300	1+20E	3+40S	TUFF
	0.042	1440			
9955	0.003	100	1+15E	3+35S	SHEARED TUFF
9956	NIL	NIL	1+20E	3+40S	SILICIFIED VOLCANICS
9957	0.001	30	1+20E	3+40S	BRECCIATED-SILICIFIED TUFF
9958	0.007	240	1+18E	3+78S	FINE GRAINED TUFF
9959	0.007	240	1+15E	3+75S	SILICIFIED TUFF, BRECCIATED
9960	0.019	650	1+28E	3+70S	CHERT 8% PYRITE
	0.020	690			
9961	0.006	210	1+18E	3+53S	SILICIFIED BASALT, 5% PYRITE
9962	0.001	30	1+10E	3+85S	BASALT, M.A.
9963	NIL	NIL	1+20E	3+93S	PINK SYENITE
9964	0.001	30	1+38E	4+32S	BULL QUARTZ VEIN
9965	0.008	270	2+30E	1+90S	SILICIFIED BASALT
9966	0.021	720	2+30E	1+90S	GREY BRECCIA
	0.022	750			
9967	0.007	240	2+77E	1+85S	SILICIFIED VOLCANICS
9968	0.031	1060			
9969	0.031	1060			
9970	0.001	30			
9971	0.063	2160			
9972	0.102	3500			
	0.104	3570			
	0.094	3220			
9973	0.034	1170			
9974	0.002	70			
9975	0.001	30			
9976	0.022	750			
9977	0.019	650			
9978	0.005	170			
9979	nil	NIL			
9980	0.012	410			
9981	0.017	580			
9982	0.047	1610			
	0.044	1510			
9983	0.01	340			
9984	0.021	720			

SECOND PULP

9985	0.003	100	"	"
9986	0.001	30	"	"
9987	0.002	70	"	"
9988	0.002	70	TRENCH #2	
9989	0.005	170	"	"
9990	0.031	1060	"	"
9991	0.003	100	"	"
9992	0.030	1030	"	"
	0.032	1100		
9993	0.007	240	"	"
9994	0.017	580	TRENCH #3	
9995	0.011	380	"	"
9996	0.002	70	"	"
9997	nil	nil	"	"

CONCLUSIONS and RECOMMENDATIONS

The geological and geophysical surveys were successful in delineating several zones of economic interest that require more detailed follow up exploration.

The geological survey has outlined a zone of gold mineralization that occurs in a zone of mafic volcanics between L3+00S and L5+00S from 0+25E to 1+75E. VLF-EM anomaly X flanks the mineralized zone. This zone is also associated with a strong magnetic anomaly. The magnetic anomaly may be caused by an adjacent unexposed iron formation. Samples of iron formation were seen in old drill near the anomaly.

The following work should be completed on the property to permit a more detailed assessment of its economic potential:

1. An IP survey should be completed over the following areas:

L0+00	from BL	to 3+50E
L1+00S	from BL	to 6+00E
L2+00S	from BL	to 4+50E
L3+00S	from BL	to 4+25E
L4+00S	from 0+50W	to 3+50E
L5+00S	from 0+50W	to 3+25E
L6+00S	from 1+00W	to 3+00E

L8+00S	from 1+00W	to 3+00E
L9+00S	from 1+00W	to 3+00E
L10+00S	from 1+25W	to 3+00E
L11+00S	from 1+25W	to 3+00E

Line spacing could be halved to provide more detailed coverage

2. Stripping and detailed sampling of any IP anomalies that are amenable to stripping.

Respectfully submitted

Randy Crowley
for LYNX CANADA EXPLORATION LTD.



#208
 claims traversed
 form, attach a list.
 calculated in the
 may be entered
 s Cr." columns,
 below.

900

Type of Survey(s) Electromagnetic/Magnetic/Geological Township or Area Garrison & Harker Twps.
 Claim Holder(s) Lynx-Canada Explorations Limited Prospector's Licence No. T-216
 Address 520 - 25 Adelaide St. East, Toronto, Ontario M5C 1Y2
 Survey Company U.T.M. Inc. Date of Survey (from & to) 01 04 84 | 10 04 84 Total Miles of line Cut 30
 Name and Address of Author (of Geo-Technical report) Randy Crowley 520 - 25 Adelaide St. East Toronto, Ontario M5C 1Y2

Credits Requested per Each Claim in Columns at right

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

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
L	765892		L	765915	
	765893				
	765894				
	765895				
	765896				
	765897				
	765898				
	765899				
	765900				
	765901				
	765902				
	765903				
	765904				
	765905				
	765906				
	765907				
	765908				
	765909				
	765910				
	765911				
	765912				
	765913				
	765914				

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 JUN 18 1984
 MINING LANDS SECTION

LANDS MANAGEMENT
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 JUN 11 1984
 AM

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.

Total number of mining claims covered by this report of work. 24

Date June 7, 1984 Recorded Holder or Agent (Signature) [Signature]

For Office Use Only

Total Days Cr. Recorded 1930 Date Recorded JUN 11 1984 Mining Recorder

Date Approved by Recorded [Signature] 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 Randy Crowley 520 - 25 Adelaide St. East, Toronto, Ontario M5C 1Y2

Date Certified June 7, 1984 Certified by (Signature) [Signature]

1984 09 27

Your File: 208
Our File: 2.6966

Mining Recorder
Ministry of Natural Resources
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir:

RE: Notice of Intent dated August 27, 1984
Geophysical (Electromagnetic & Magnetometer)
Survey on Mining Claims L 765892 et al
in the Townships of Garrison & Harker

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

S. Hurst:mc

cc: Lynx-Canada Explorations Limited
Suite 520
25 Adelaide Street East
Toronto, Ontario
M5C 1Y2

cc: Resident Geologist
Kirkland Lake, Ontario

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

Encl.

**Technical Assessment
Work Credits**

File 2.6966

Date 1984 08 27 Mining Recorder's Report of Work No. 208

Recorded Holder	LYNX-CANADA EXPLORATIONS LIMITED
Township or Area	GARRISON & HARKER TOWNSHIPS

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical 40 Electromagnetic _____ days Magnetometer 20 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 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.	L 765892 to 915 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

NO GEOLOGICAL CREDITS - NO MAPS RECEIVED

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

Sept 21/84

1984 08 27

Your File: 208
Our File: 2.6966

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

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,

A handwritten signature in black ink, appearing to read "S.E. Yundt".

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3

h.v. S. Hurst:mc

Encl.

cc: Lynx-Canada Explorations Limited
Suite 520
25 Adelaide Street East
Toronto, Ontario M5C 1Y2

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



Ministry of
Natural
Resources

Ontario

Notice of Intent
for Technical Reports

1984 08 27

2.6966/208

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.

1984 07 27

Your File: 208
Our File: 2.6966

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 & Magnetometer) Survey submitted under Special Provisions (credit for Performance and Coverage) on Mining Claims L 765892 et al in the Townships of Garrison & Harker.

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

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: Lynx-Canada Explorations Limited
520 - 25 Adelaide Street East
Toronto, Ontario
M5C 1Y2



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) Electromagnetic/Magnetic/Geology
Township or Area Garrisson and Harker
Claim Holder(s) Lynx-Canada Explorations Limited
520 - 25 Adelaide St. E. Toronto, Ont.
Survey Company U.T.M. Inc.
Author of Report Randy Crowley
Address of Author 520 - 25 Adelaide St. East, Toronto
Covering Dates of Survey April to May 1984
(linecutting to office)
Total Miles of Line Cut 26.15 miles

MINING CLAIMS TRAVERSED	
List numerically	
(prefix)	(number)
L 765892	L 765913
765893	765914
765894	765915
765895	
765896	
765897	
765898	
765899	
765900	
765901	
765902	
765903	
765904	
765905	
765906	
765907	
765908	
765909	
765910	
765911	
765912	
TOTAL CLAIMS <u>24 claims</u>	

RECEIVED
JUL 10 1984
MINING LANDS SECTION

If space insufficient, attach list

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

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

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

DATE: July 18 1984 SIGNATURE: Randy Crowley
Author of Report or Agent

Res. Geol. _____ Qualifications 2.3117

<u>Previous Surveys</u>			
File No.	Type	Date	Claim Holder

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

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



Number of Stations VLF-1489 Mag 3389 Number of Readings VLF-2978 Mag 3389
Station interval VLF - 25m Mag 12.5 m Line spacing 100 m
Profile scale VLF - 1mm = 2%
Contour interval Mag - 500 gammas

MAGNETIC

Instrument G 816
Accuracy - Scale constant 1 gamma
Diurnal correction method Time Average
Base Station check-in interval (hours) 8 hours
Base Station location and value BL 0 + 00

ELECTROMAGNETIC

Instrument Geonics EM 16
Coil configuration N/A
Coil separation N/A
Accuracy ± 270
Method: Fixed transmitter Shoot back In line Parallel line
Frequency Cutler Maine (24.0 KHZ)
(specify V.L.F. station)
Parameters measured _____

GRAVITY

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

INDUCED POLARIZATION RESISTIVITY

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

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD



Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

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

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

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

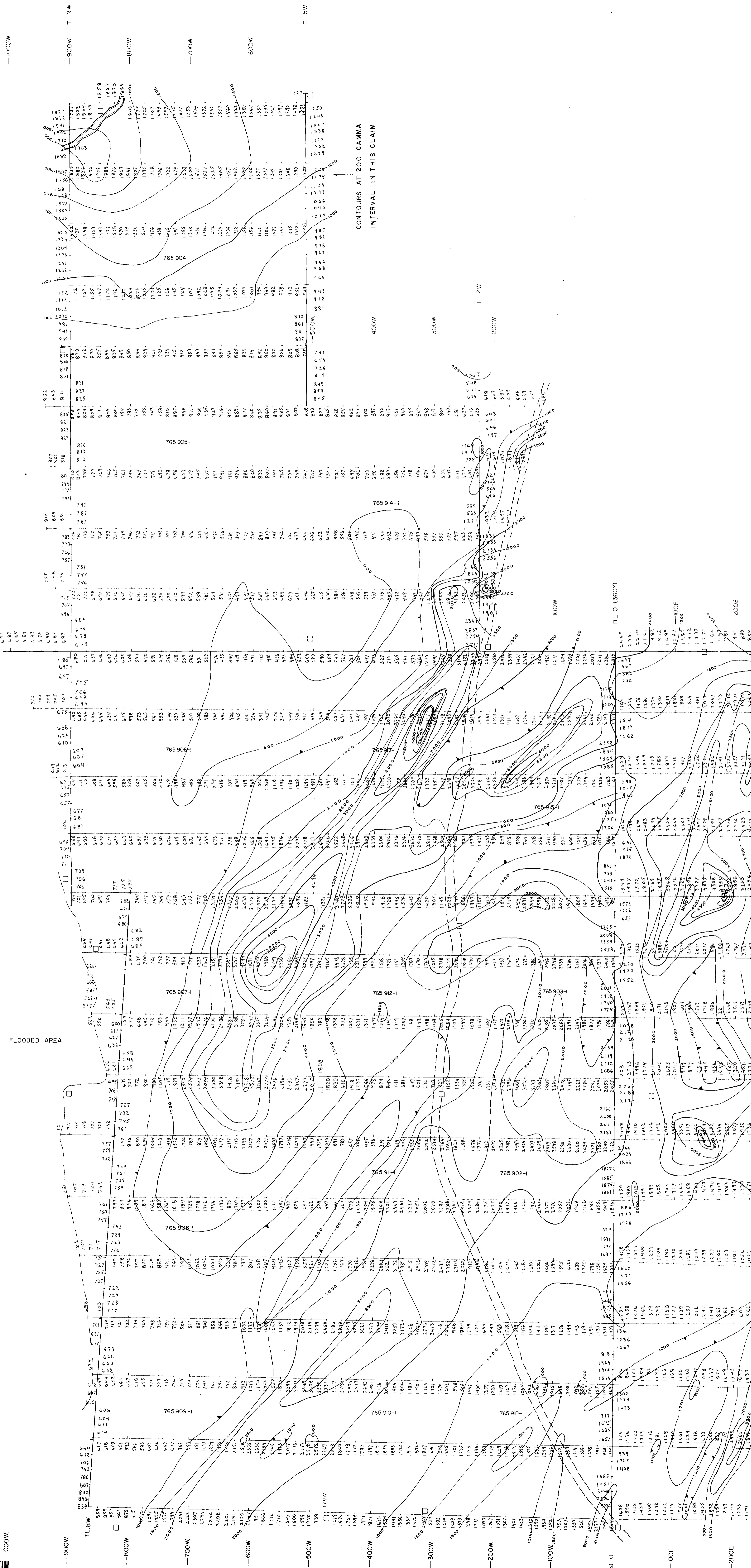
Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____



000W

900W

800W

700W

600W

500W

400W

300W

200W

100W

100E

200E

300E

400E

500E

600E

700E

800E

900E

1000E

1100E

1200E

1300E

1400E

1500E

1600E

1700E

1800E

1900E

2000E

2100E

2200E

2300E

2400E

2500E

TL 9W

TL 8W

TL 7W

TL 6W

TL 5W

TL 4W

TL 3W

TL 2W

TL 1W

TL 0W

TL 1E

TL 2E

TL 3E

TL 4E

TL 5E

TL 6E

TL 7E

TL 8E

TL 9E

TL 10E

TL 11E

TL 12E

TL 13E

TL 14E

TL 15E

TL 16E

TL 17E

TL 18E

TL 19E

TL 20E

TL 21E

TL 22E

TL 23E

TL 24E

TL 25E

1000W

900W

800W

700W

600W

500W

400W

300W

200W

100W

100E

200E

300E

400E

500E

600E

700E

800E

900E

1000E

1100E

1200E

1300E

1400E

1500E

1600E

1700E

1800E

1900E

2000E

2100E

2200E

2300E

2400E

2500E

1000W

900W

800W

700W

600W

500W

400W

300W

200W

100W

100E

200E

300E

400E

500E

600E

700E

800E

900E

1000E

1100E

1200E

1300E

1400E

1500E

1600E

1700E

1800E

1900E

2000E

2100E

2200E

2300E

2400E

2500E

1000W

900W

800W

700W

600W

500W

400W

300W

200W

100W

100E

200E

300E

400E

500E

600E

700E

800E

900E

1000E

1100E

1200E

1300E

1400E

1500E

1600E

1700E

1800E

1900E

2000E

2100E

2200E

2300E

2400E

2500E

1000W

900W

800W

700W

600W

500W

400W

300W

200W

100W

100E

200E

300E

400E

500E

600E

700E

800E

900E

1000E

1100E

1200E

1300E

1400E

1500E

1600E

1700E

1800E

1900E

2000E

2100E

2200E

2300E

2400E

2500E

1000W

900W TL 9W

800W

700W

600W

TL 5W

9N

8N

7N

6N

5N

4N

3N

2N

1N

0

1S

2S

3S

4S

5S

6S

7S

8S

9S

10S

11S

12S

13S

14S

15S

16S

500W

400W

300W

200W

TL 2W

100W

BL 0 (360°)

100E

200E

FLOODED AREA

TL 8W

800W

700W

600W

500W

400W

300W

200W

100W

BL 0

100E

200E

765 904-1

765 905-1

765 914-1

765 906-1

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765 915-1

765 907-1

765 912-1

765 903-1

765 908-1

765 911-1

765 902-1

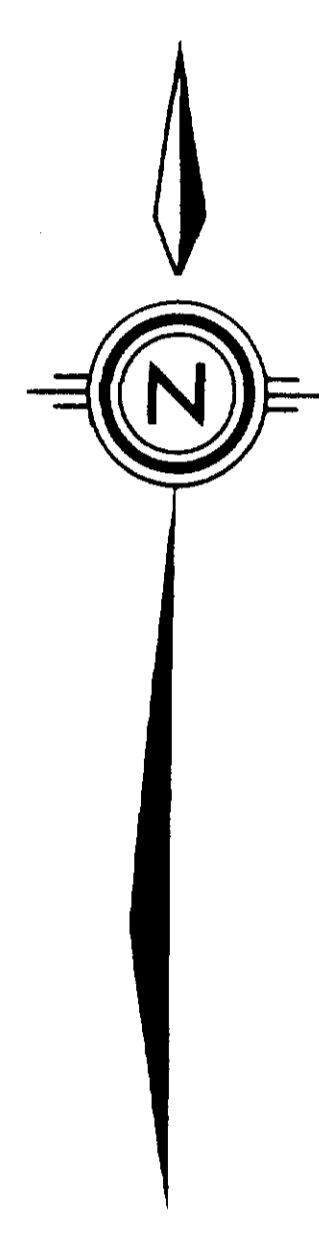
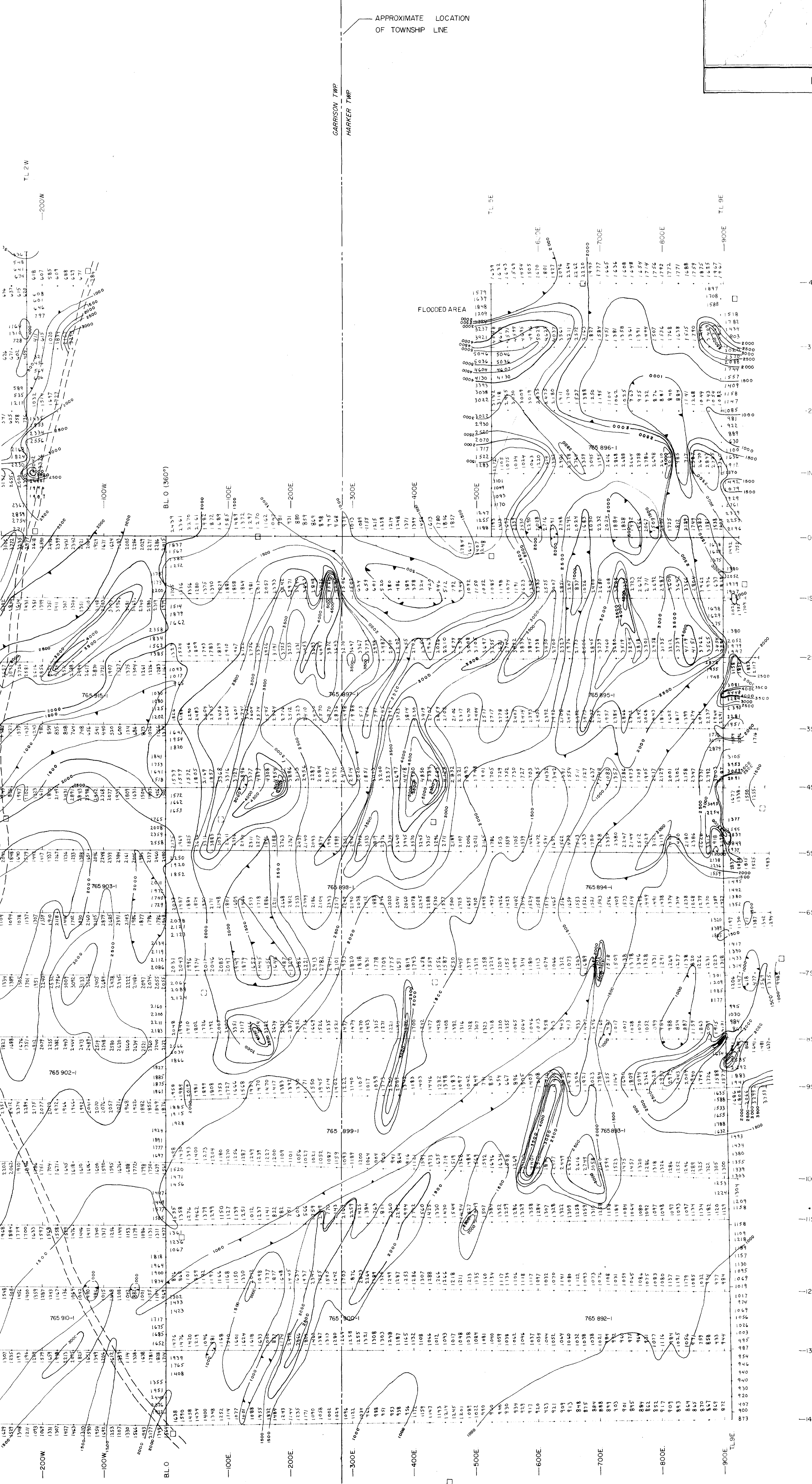
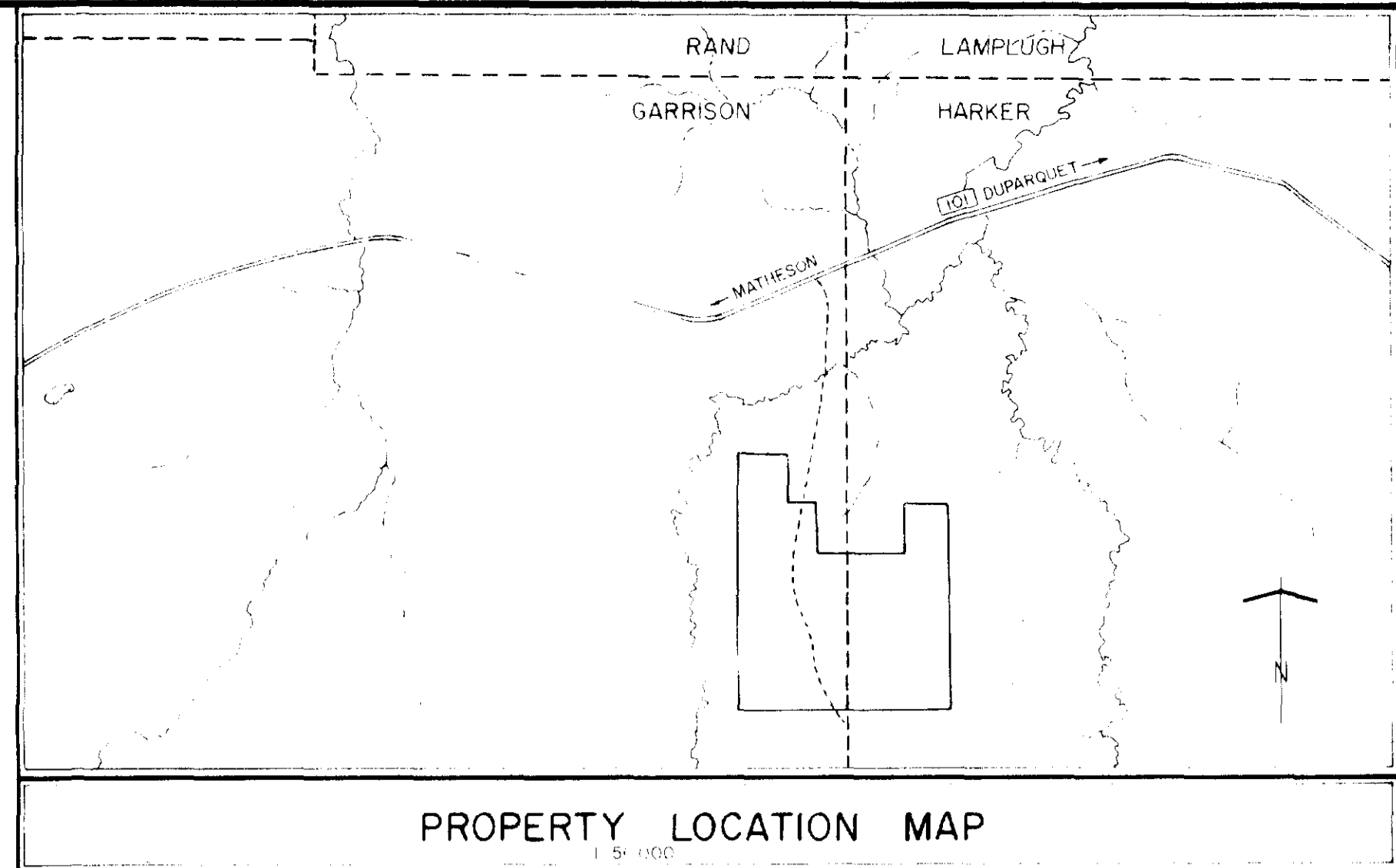
765 909-1

765 910-1

765 901-1



3201286877 2.6986 MARKER



- LEGEND**
- CLAIM POST (estimated)
 - CLAIM POST (localized)
 - CREEK
 - ROAD (dry weather)
 - INSTRUMENT PROTON MAGNETOMETER G-816
 - CONTOUR: 500 GAMMA
 - DEPRESSION
 - BASE 58 000±0

Randy Camp July 12/84

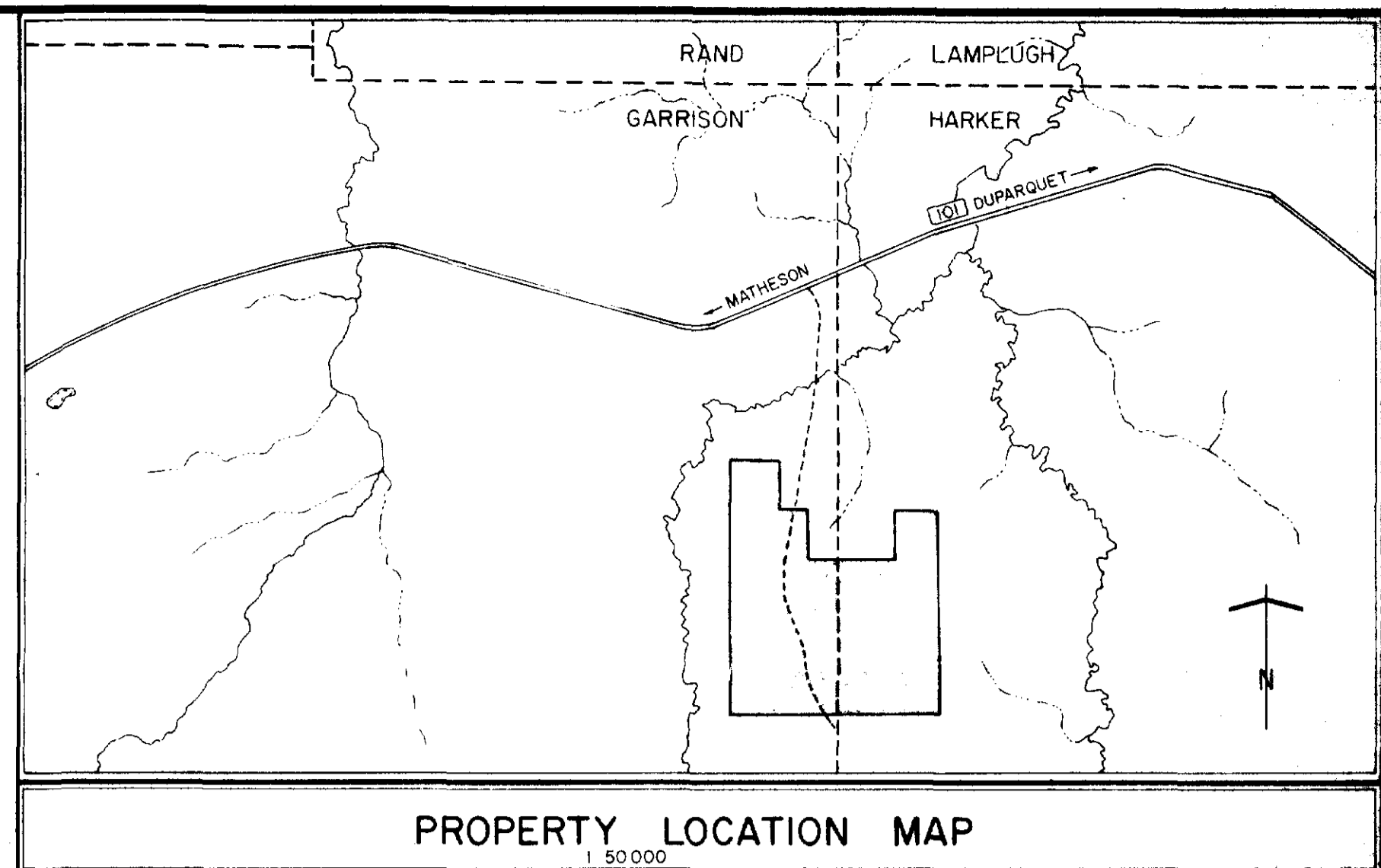
**SPARTON RESOURCES INC.
LYNX-CANADA EXPLORATIONS L.T.D.
GARRISON-HARKER PROJECT (ONT.)**

MAGNETOMETER SURVEY

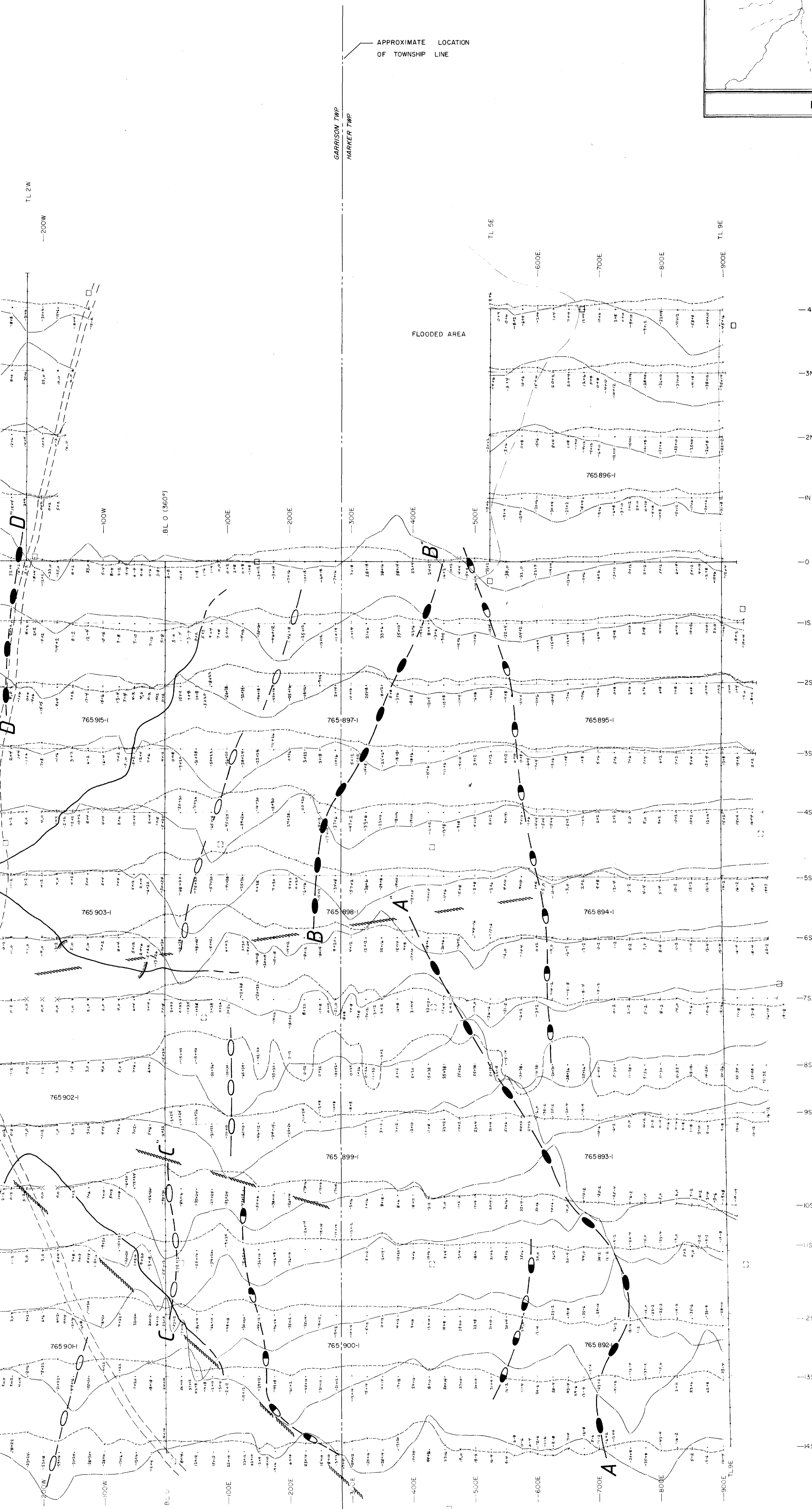
STOCH OPTION GARRISON-HARKER TWP.

1:2500

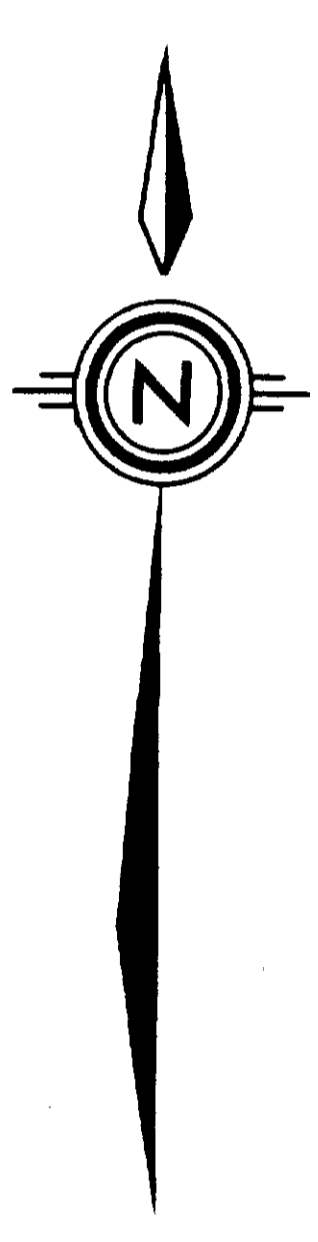
APRIL 1984 U.T.M. Inc. J.STOCH



PROPERTY LOCATION MAP
1:50,000



4N
3N
2N
1N
0
1S
2S
3S
4S
5S
6S
7S
8S
9S
10S
11S
12S
13S
14S



LEGEND

- CLAIM POST (estimated)
- CLAIM POST (located)
- CREEK
- ROAD (dry weather)
- E.M. 16 INSTRUMENT**
- STATION N.S.S.**
- VERTICAL SCALE
- LP
- O.P.
- READINGS TAKEN FACING EAST
- STRONG CONDUCTOR
- WEAK CONDUCTOR
- GEOLOGICAL CONTACT
- FAULT

R. J. Stoch July 10/84

SPARTON RESOURCES INC.
LYNX-CANADA EXPLORATIONS L.T.D.
GARRISON-HARKER PROJECT (ONT.)

V.L.F. E.M. 16 FREQ. 21.4 KHz.

STOCH OPTION GARRISON-HARKER TWP.

50m 0 100m
1:2500

APRIL 1984 U.T.M. Inc. J. STOCH