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Final 1999 OPAP Report
for the
Bastarache-Burt Property,

File No.: OP99-105

Burt Township, Ontario

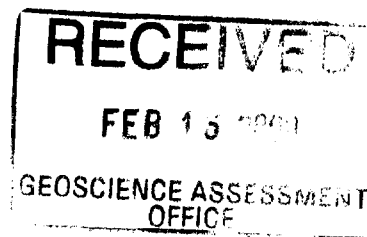
NTS: 42A/01

(48° 5' 31" N, 80° 23' 58" W)

2.20124

R. V. Zalnieriunas P. Geo.
G. Bastarache
December 28, 1999
Larder Lake, Ontario

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SUMMARY

Exploration work consisting of linecutting, prospecting, stripping, blasting, surface sampling and ground based geophysical surveys (magnetometer and limited induced polarization - resistivity) were carried out on the Burt Township property of Mr. G. Bastarache during the 1999 field season. This work was funded by a provincial OPAP grant (OP99-105) with all work either supervised or carried out by Mr. G. Bastarache.

The magnetometer results indicate that Pre-Cambrian lithologies strike in an easterly fashion which are intruded by a series of northerly striking (Matachewan?) diabase dykes. A number of linear magnetic lows were outlined that may represent faults which need further investigation, as they may be a loci for gold mineralization.

Prospecting, stripping and blasting at the original Bastarache gold showing continued to show elevated gold values with assays ranging from 108 to 4,183 ppb Au. Prospecting at the East showing returned disappointing gold values of nil to 69 ppb Au.

Prospecting on the balance of the property found two new areas of sulfide mineralization that need further work.

Induced polarization work indicates that the Bastarache Showing may extend an additional 100 metres to the east and remains open in that direction. No significant IP anomalies were defined by limited IP work on a speculated shear structure located near BL0, on an east trending linear trough, but, the bulk of this feature was not surveyed. Two other IP anomalies were identified in the vicinity of the Bastarache Showing which need follow-up work.



Table of Contents

SUMMARY i

Introduction 1

Property, Location and Description 1

Access 1

Topography and Vegetation 4

Previous Work History 4

General Geology 5

Property Geology 7

 a) Lithology 7

 b) Structure 7

 c) Mineralization 8

1999 OPAP Project Work 8

 a) Linecutting 8

 b) Ground Magnetometer Survey 9

 i) Survey Parameters 9

 ii) Survey Method and operational technique 9

 iii) Results of magnetometer survey 10

 iv) Evaluation 11

 c) Prospecting 12

 i) Work Parameters 12

 ii) Prospecting Observations and Results 12

 iii) Bedrock Sampling Results 13

 iv) Evaluation 14

 d) Physical Work: Trenching and Blasting 14

 i) Work Parameters 14

 ii) Work Method 15

 iii) Observations and Results 15

 iv) Evaluation 16

 e) Induced Polarization & Resistivity Survey 16

 i) Survey Parameters 16

 ii) Survey Method and operational technique 16

 iii) Results of IP and resistivity survey 17

 iv) Evaluation 17

Discussion	18
Conclusions and Recommendations	19
References	20
Appendix A: 1999 OPAP Assay Certificates	
Appendix B: Miscellaneous 1999 Ground Magnetometer Figures	
Appendix C: Qualifications and Consent Form	

Maps *in Back Pocket*:

- a) 1999 Countoured Magnetometer Survey (1:5,000)
- b) 1999 Posted Value Magnetometer Survey (1:5,000)
- c) 1999 Prospecting and Physical Work (1:5,000)
with 2 detail sketches (at 1:2,000)

List of Figures

Figure 1: Location Map (1:100,000)	2
Figure 2: Burt-Bastarache Property Claim Map	3

List of Tables

Table 1: Claim Data	1
Table 2: Table of Formations (modified after Moore, 1966)	6
Table 3: 1999 Assay Results	13

Introduction:

This report has been prepared at the request of Mr. Bastarache to present the 1999 findings of OPAP funded exploration carried out on his property in Burt Township, Ontario. The work was financed by OPAP grant OP99-105 and work was carried out by Mr. Bastarache, or directly under his supervision.

Property; Location and Description:

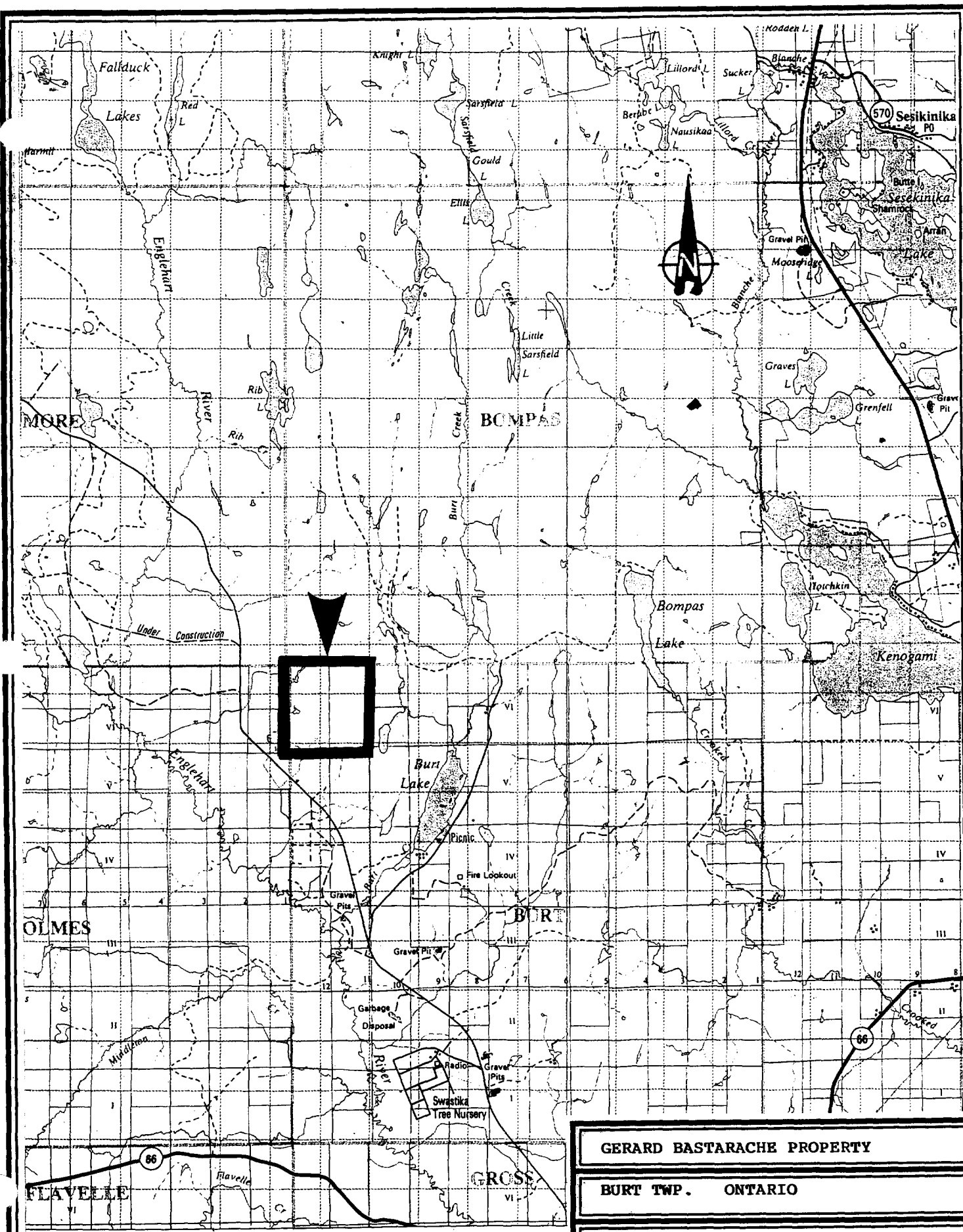
The Bastarache-Burt property consists of a 16 unit single claim block covering lots 11 and 12 in concession VI of Burt Township, Ontario. The property lies within the Larder Lake Mining Division and within the electoral boundaries of the District of Timiskaming. The current claim map for Burt Township is numbered M-0334. The township is located within the 1:50,000 scale topographic map sheet of Kirkland Lake, NTS 42 A/01. The property is held 100% by Mr. Gerard (Gerry) Bastarache of Kirkland Lake, Ontario.

Table 1: Claim Data

Claim No.	No. of Units	Location	Township	Recording Date	Due Date
L 1226818	16	Lot 12&11, con VI	Burt	Apr.22/98	Apr.22/00

Access:

Truck or car access to the west central section of the claim is provided by a north running secondary logging trail. This trail connects with the Watabeag Road near the Holmes-Burt township line and about 200 metres south of the concession V-VI line. The Watabeag Road runs past the Swastika Tree Nursery in the southwest corner of Burt Township, and links up with provincial Hwy 66 in the north-central section of Gross Township at a point about 15 kilometres west of Trans-Canada Hwy 11.



GERARD BASTARACHE PROPERTY	
BURT TWP. ONTARIO	
LOCATION MAP	Fig. 1
November 1999	1:100 000

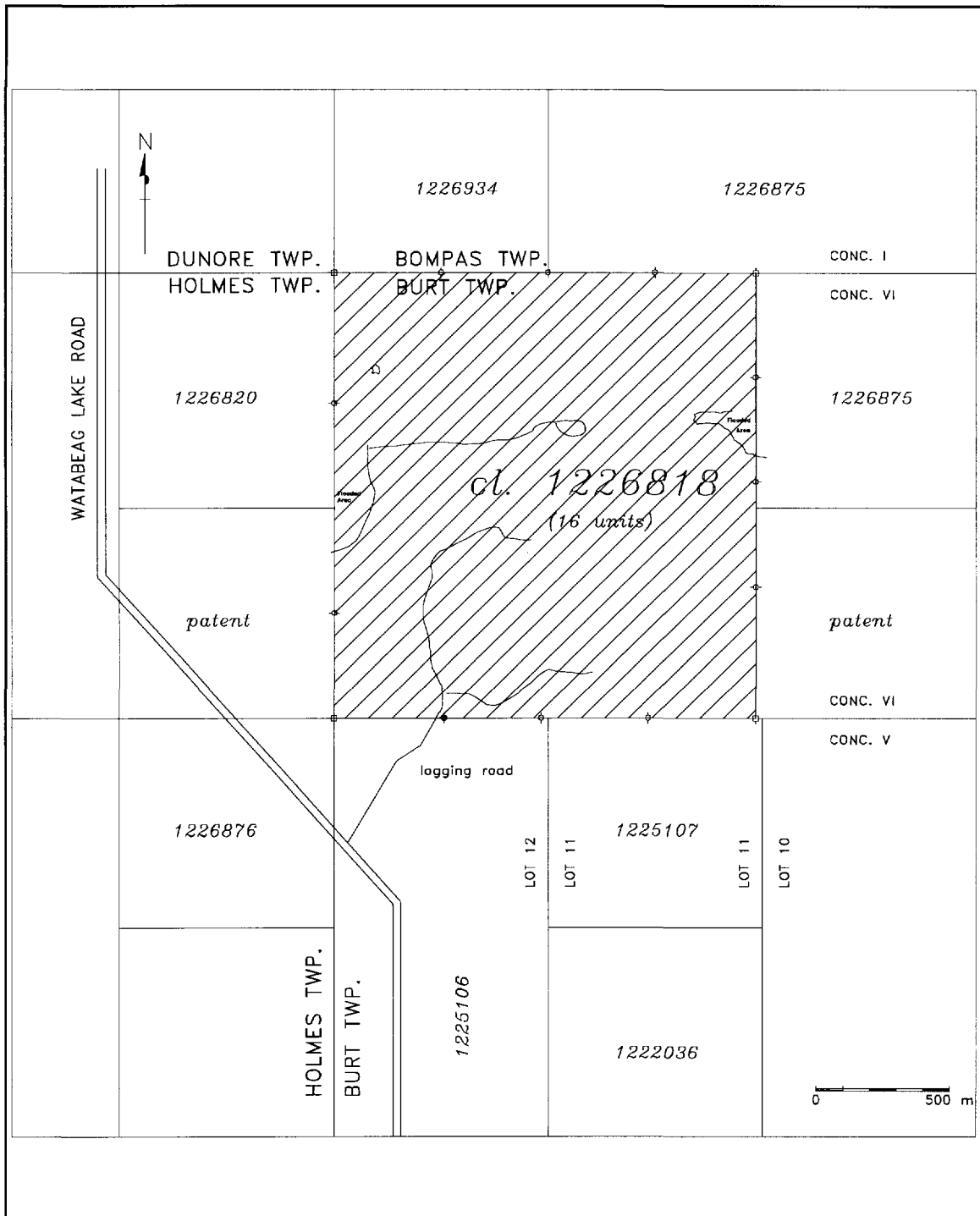


Figure 2: Burt-Bastarache Property Claim Map

Topography and Vegetation:

The project area is contained within an area of moderate relief, consisting of rolling ridges of glacial sands and gravels through which projects various bedrock knobs and ridges.

The vast majority of the claim has been recently tree harvested and replanted with young jack pine seedlings. Mixed boreal forest of pine, spruce, birch and poplar is preserved on the claim boundaries.

Recent skidder trails are present throughout the area and may be used by foot and possibly ATV traffic.

Previous Work History:

There is no previous assessment work filed with provincial authorities to cover any parts of the current property. MNDM staff at the Kirkland Lake Resident Geologist's Office have no knowledge of any prior exploration activities on the claim (G. Grabowski, pers. com.). Patented ground covering the south half of Lot 10, Con. VI of unknown vintage sits adjacent to the property.

Research of old claim maps indicates that the south half of the southern half of Lot 11, Con. VI was held under unpatented mining claims L 38838, 38839 and 38846 during the period of circa 1945 to at least 1965. The southern 3/4's of Lot 11, Con. VI was held by six claims numbered L 1179863, 1179865-869 during 1994.

The area has been covered by a federally funded, early vintage, coarse airborne survey and was mapped by provincial surveys twice; initially by J.C.G. Moore (1966) during the 1962 mapping of the Holmes and Burt townships area and subsequently re-mapped by Larry Jensen.

The interpretation of the geology underlying the Burt-Bastarache property from the two geological surveys is radically different. Moore indicates that the claim is located immediately north of a syenite stock and underlain primarily by northeast trending and moderately south to southeast dipping mafic volcanics, in a direction parallel to the regional airborne magnetometer survey. Felsic volcanics are noted in the property's northwest corner. Mapping by Jensen, on the other hand shows the volcanics predominately striking in a northwest direction, with subvertical to steep south dips with local north trending attitudes.

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A gold showing was discovered in 1998 and the area was staked. Initial interest to the area was caused by recognizing a zone of iron stained overburden (well developed sandy podzol B₁ and B₂ horizons). The gold showing was plugger drilled, with five shallow pits blasted and grab sampled by the owner over a strike length of about 100 feet.

General Geology:

Grabowski (1999) described the property as occurring within Archean-aged Watabeag Assemblage, a sequence of northeast striking mafic to intermediate flows and tuffs wedged between and intruded by Watabeag Batholith granitoids to the north and Cairo Stock syenites to the south. Moore (1966) found a significant mass of Englehart metadiorite straddling the common corner of Holmes-Burt-Gross and Flavelle townships. Proterozoic Huronian Supergroup sediments occur immediately to the east, in Lot 10, Conc. V & VI of Burt Township, as an apparent northeast trending band, one to greater than four miles wide. Jensen mapped relatively narrow Matachewan-aged(?) diabase dykes as a series of north trending swarms. Four individual diabase dykes are noted to occur within the property.

Table 2: Table of Formations (modified after Moore, 1966)

PHANEROZOIC**Cenozoic**

Recent:	peat & fluvial deposits
Pleistocene:	fluvio-glacial & glacial deposits

*unconformity***PRECAMBRIAN****Proterozoic**

Nippising(?):	olivine diabase
---------------	-----------------

intrusive contact

Huronian:	(Gowganda Formation) mainly conglomerate with siltstones, mudstones, quartzites and wackes
Cobalt Group:	

*unconformity***Archean**

Matachewan:	diabase (dykes)
-------------	-----------------

intrusive contact

Plutonic:	granitoids (granodiorite in part gneissic)
	syenite (polyphased)
	basic intrusive (metadiorite, metagabbro)

intrusive contact

Sediments:	banded magnetite ironstones (BIF)
	greywacke
	conglomerate

fault / conformable contact

Metavolcanics:	felsic & intermediate tuffs and felsic schists
	mafic flows massive, pillowed, breccia & hyaloclastite

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Property Geology:

a) Lithology:

Only a brief overview of lithologies was carried out on an April 12 and October 4, 1999 visits to the project. Rock types noted were mainly dark green, pillowed mafic flows and intercalated and non-descript massive mafic volcanics. These are locally medium to coarse grained feldspar porphyritic. Some minor bands of interflow sediments, tuffs and chert are developed. The sequence is intruded by syenite dykes and masses northeast of the Bastarache gold occurrence. A medium to coarse grained outcrop of diorite was noted on the main logging trail, while two magnetic diabase dykes were seen on either side of the gold showing.

Due to the recent logging activities, some new bedrock exposures have been developed and are in very good condition for viewing at present. Total exposed bedrock however is probably less than 5% .

b) Structure:

No major regional structures were noted during the property visits. A well developed foliation / schistosity is present showing an easterly strike and moderate south dips. The re-worked tuffs and interflow sediments which host the Bastarache gold occurrence strike northerly with steep dips. The showing is probably wrapped up in a small fold or drag feature.

A small east-west running intermittent stream lies immediately to the north of the gold showing. In a few cases, schistositities appear to be better developed as this stream bed is approached, and this feature may be rooted on a shear structure which crosses the claim.

As previously noted, the general structural frame work for the claim area is ambiguous, as two separate provincial mappers have arrived at different structural interpretations for the immediate area.

c) Mineralization:

The Bastarache gold occurrence is located on Line 0+00, between stations 1+75S and 2+00S on the current 1999 OPAP grid. It lies straddling the southern common boundary of the northeast and northwest quarters of the southern half of Lot 12, Con. VI, Burt Township. The MNDM location is reported as UTM Zone 17; 544700mE, 5326500mN, which is approximately 48° 5' 31" N, 80° 23' 58" W.

The showing consists of zone of mottled silicification and weak iron carbonate (ankerite and Fe-dolomite) flooding. The zone hosts about +5 to 1% disseminated fine to medium grained pyrite developed in a narrow band, possibly 1 to 2 metres thick, of north striking and east dipping, thinly bedded volcanoclastic sediments and re-worked tuffs.

A second auriferous occurrence, found in April 1999, termed East Zone, was located on the south wall of a bedrock ridge, in an area of sheared mafic volcanic with 1% disseminated pyrite. This lies at L4+75E, 0+05S, east of the Bastarache gold showing, near the lot 12-11 line and immediately north of the intermittent stream.

1999 OPAP Project Work:

a) Linecutting

Linecutting was carried during the period of July 18 to September 1, 1999, by Canadian Gems & Minerals Limited, Box 834, Kirkland Lake, Ontario, P2N 3K4. Work consisted of establishing 18.0 kilometres of cut, chained and picketed grid and base lines, while an additional 3.6 kilometers of grid was chained and flagged for a total grid of 21.6 kilometres.

b) Ground Magnetometer Survey

Field work and data collection of a ground based magnetometer survey was carried out under contract by Canadian Gems & Minerals Limited, Box 834, Kirkland Lake, Ontario, P2N 3K4. Survey particulars are tabulated below:

i) Survey Parameters

Personnel:	J. Belanger, Canadian Gems & Minerals Limited, Box 834, Kirkland Lake, Ontario, P2N 3K4.
Type of Survey:	ground based total magnetic field
Location of Survey:	1999 Bastarache OPAP grid, Burt Twp.
Survey Control:	100m spaced, cut, chained & picketed lines with station pickets at 25m spacing and labelled by aluminium tape
Survey Dates:	September 20-25, 1999
Instrumentation:	Name: Exploranium Model: G816 Type: proton magnetometer Base Station: none Scale k / Sensitivity: 57000 / 1nT
Production Data:	
Distance:	21.6 kilometers
No. of readings:	788 (with 3 duplicates on BL)

ii) Survey Method and operational technique:

Conventional data gathering techniques were used using a de-magnetized operator traversing on established grid lines, taking readings at each line station of 25 meters in a uniform manner and orientation, with data gathering using pencil & paper. Magnetic drift corrections established by looping lines to previously defined base stations and levelling data by prorating drift.

iii) Results of magnetometer survey

Data Statistics:	No. of values:	788
	No. of missing values:	0
	Duplicate values	3
	Minimum	55885
	Maximum:	63353
	Range:	7468
	Mean:	57589.5
	Median:	57540
	Standard error:	17.9692
	95% confidence interval:	35.2748
	Variance	254440
	Average deviation:	268.366
	Standard deviation:	504.421
	Coefficient of variation:	0.00876
	Skew:	4.798
	Kurtosis	45.802

Generated magnetometer plots show minor variations laterally in an east-west direction, probably due to inconsistent line levelling. Greater visual variation, up to 200nT can be seen along north-south survey lines due to lack of quality recording base station readings and corrections. Even so, a number of bedrock sourced features are revealed by the present data. These are:

Anomaly A: an arcuate shaped, 100 to 200 meter wide complex zone which strikes in an ENE fashion across the entire northern portion of the grid, from about L2+00W, 4+00N to L 10+00E, 6+50N. The zone shows a positive relief of 200 to 400nT with some greater individual peak spikes and is suggestive of a formational magnetic horizon, probably Pre-Cambrian.

Anomaly B: a complex high and low magnetic relief zone found between lines 4+00E to 8+00E and 2+50S to 8+00S. The anomaly possibly trends north to NNE, shows strong dipole currenting effects, indicative of shallow emplacement on surface and probably is some sort of magnetic intrusive body or bodies.

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- Anomaly C: a strong positive but spotty north trending linear zone which extends from about L1+00W at BL0 to TL9+00N. This probably represents a diabase dyke.
- Anomaly D: a moderate positive and spotty NNE trending linear zone, extending from L0+00 at TL8+00S to L4+00E at TL9+00N. This also probably represents a diabase dyke.
- Anomaly E: a poorly defined NNE trending magnetic low linear from about L4+00E at TLS to L6+00E at TLN may mark the west boundary of a diabase dyke, or more likely, marks the presence of a late fault structure.

Additional NNE trending diabase dykes may be present, but, are not resolved by the present survey. In addition, a series of subtle east-west trending weak to moderate magnetic lows and highs rip across the entire magnetic texture between grid latitudes 3+00S to 4+00N at an interval of about 100 metres. This may mark a series of faults or parallel bedrock formations.

iv) Evaluation

The collected 1999 ground magnetic data is a bit noisy, but still usable. The survey outlined a number of east trending magnetic features which probably represent the underlying Pre-Cambrian bedrock fabric. A number of east trending magnetic lows should be investigated further in case they are fault/shear zones which are hosting altered lithologies or gold values.

Complex anomaly B, while most likely a magnetic intrusive, should be ground truthed as to its source.

A number of NNE to north trending diabase (Matachewan?) dykes are indicated to be present.

c) Prospecting

i) Work Parameters

Personnel: prospector: G. Bastarache, Kirkland Lake, Ontario
helper: T. O'Conner, Kirkland Lake, Ontario
helper: J. Belanger

Type of Work: prospecting

Location of Work: all of 1999 grid, with special emphasis this year to areas of high magnetic signature, or surrounding areas of known gold mineralization

Work Control: cut, chained & picketed 100m lines, with stations at 25m, and traverses between lines by pace & compass

Work Dates: April? to December, 1999

Production Data:

Distance: 21.6 km

No. samples: 25

Elements analysed: gold, +/- silver, copper, lead, zinc

ii) Prospecting Observations and Results:

Most of the property consists of mafic to intermediate volcanics, which are intruded in part by syenite. A strong magnetic band of rocks was delineated in the northern half of the property (anomaly A) and appears to have an association with some sulfide mineralization.

Prospecting at the original gold showing (L0, 1+90S) continued to show fine disseminated sulfides developed in the country rock, with associated gold values.

Gold and base metal values at the East Zone (BL0, 4+75E) did not hold up as expected with further sampling and pillow-pack blasting.

Sulfides noted this spring in the area of L0, 1+75N proved to be barren sulfides developed on mafic volcanic pillow selvages and in interstitial hyaloclastites.

Prospecting is still on-going along magnetic anomaly A, and in an area of noted sulfides at L5E, 5+50N.

iii) Bedrock Sampling Results

Sampling consisted of collecting grab samples by hammer from ledges of bedrock found in place or rarely (as noted) from material blasted free. All samples were analysed using conventional commercial practices by Swastika Laboratories of Swastika, Ontario.

Table 3: 1999 Assay Results

LOCATION	SAMPLE NUMBER	AU PPB	CHK AU	AG PPM	CU PPM	PB PPM	ZN PPM	COMMENTS
Main Showing: Trench "A" (Bastarache Showing L0, 1+75S to 2+15S)								
South Pit	#7	735	850	-	-	-	-	old 2 pit
"	7-A	715	823	-	-	-	-	"
"	8-A	257	214	-	-	-	-	"
North Pit	#10	250	-	-	-	-	-	centre of old 5 pit
"	#12	2057	2194	-	-	-	-	"
"	#16	4183	4046	-	-	-	-	"
"	#17	1954	-	-	-	-	-	"
"	2nd Series - #1	799	-	-	-	-	-	4ft N of 5 pit
"	2nd Series - #2	1659	1680	-	-	-	-	"
"	2nd Series - #3	987	-	-	-	-	-	"
"	2nd Series - #4	1125	1118	-	-	-	-	blasted muck
"	2nd Series - #7	2880	2846	-	-	-	-	4ft N of 5 pit
"	2nd Series - #8	108	-	-	-	-	-	"
East Pit Area (BL0, 5+00E)								
East Pit	#8	41	-	-	48	-	-	
"	#9	31	-	0.1	-	1	-	
"	5-A	53	-	-	-	-	-	
"	6-A	60	-	-	-	-	-	
Hill Top	#1	17	-	0.1	-	-	37	
"	#2	NIL	-	0.1	47	-	9	
"	#3	27	-	-	108	-	-	
"	#4	31	-	0.1	34	-	-	
"	#5	2	-	0.1	25	-	-	
"	#6	69	75	0.9	163	-	11	
"	9-A	12	-	-	-	-	-	on dyke
BL0/L5E	5-A	53	-	-	-	-	-	

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iv) Evaluation

Prospecting and bedrock sampling during 1999 continued evaluating areas of known gold anomalies, and found two new zones of sulfide mineralization. Sulfides at L0, 1+75N appear to be barren, while sulfides farther to the north and east at L5E, 5+50N need further work.

d) Physical Work: Trenching and Blasting

i) Work Parameters

Personnel: G. Bastarache - prospector, Kirkland Lake
F. Kernicki - washing helper, Matachewan
A. Dambic - blasting helper, Otto Tp.
F. Rivard - plugger & blasting, Kirkland Lake
L. Lacasse - blasting helper, Kirkland Lake
T O'Conner - blasting helper, Kirkland Lake

Type of Work: backhoe trenching and washing
blasting & pit sinking

Location of Work: original Bastarache gold showing and East zone / pit
areas centred at 1999 OPAP grid coords L0, 1+90S
and L5E, BL0

Work Control: layout by prospector using grid control

Work Dates: May 10 to September 9, 1999

Production Data:

Length / Area: 570.0 sq.m at an average depth of <0.2m
for a total volume of about 114 cubic metres

Number of trenches: five (5) trenches (A to E)

Equipment Used:

- a) JD 790 Excavator & float
Time: 8hr
Operator(s): Alex MacIntyre & Associates
Hourly Rates: xxxx

- b) Honda pump
Time: 2 days
Operator(s): Fred Kiernicki - Prospector Services
Hourly Rates: xxxx

Materials Used:

- 10 blasting caps
- 10 mini cone paks

ii) Work Method:

Initial work was stripping and trenching the original gold showing and a possible east extension for one day using an excavator from Alex MacIntyre & Associates Limited of Kirkland Lake. This was followed up by washing the trenches.

Follow-up work consisted of either sand blasting or plugger drilling and blasting in the trenched area to freshen up exposures and to follow gold values to a minor depth. Explosives were acquired from Nordex Explosives Ltd. of Kirkland Lake, Ontario.

At the East Zone area, only sand blasting using pillow paks was used.

iii) Observations and Results:

At the end of operations a blast pit sized 11 by 5m and 2m deep was developed on the old #2 and #3 pits, centred at L0, 2+06S, while a 3 by 4m and <1m deep pit was formed at L0, 1+94S. Both of these pit are located within the "A" trench.

At the East zone, sand blasting exposed a small 3m wide, 2m deep and 3m high excavation on the steep south face of a mafic volcanic outcrop.

iv) Evaluation

The equipment used did a credible job in an efficient time frame. Explosive cone paks were used and these also did a very good job. Any additional physical work can use these methods and access on the property to expose bedrock surfaces or freshen up exposures.

e) Induced Polarization & Resistivity Survey

i) Survey Parameters

Personnel:	R. Belanger, Box 40, Evain, Qc. J0Z 1Y0
Type of Survey:	induced polarization and resistivity
Location of Survey:	centred on Bastarache Showing
Survey Control:	100m spaced, cut, chained & picketed lines with station pickets at 25m spacing and labeled by aluminium tape
Survey Dates:	November 1999
Instrumentation:	TX: Phoenix T-1 RX: Phoenix V-5 Array: dipole-dipole a = 25m n = 1 to 6 Measured: phase in millirads resistivity in ohm-metres
Production Data:	
Distance:	3.2 kilometers
Location:	Lines 1+00W to 2+00E Stations 6+00S to 2+00N (approx.)

ii) Survey Method and operational technique:

Conventional data gathering techniques were used.

iii) Results of IP and resistivity survey

Technical aspects and survey results are recorded under separate cover by E. Chartré of Services Exploration Enr. (Chartré 1999). This report does not recognize any distinct IP anomalies over the known zone of gold mineralization, but, did define a broad zone of resistivity high, which was attributed to possible silicification.

iv) Evaluation

The 1999 induced polarization and resistivity survey covered the Bastarache Showing and surrounding area. Most of the defined phase anomalies are associated with elevated resistivity responses indicative of protruding bedrock knobs through sand and gravel cover.

A speculated east trending shear structure located at or south of BL0 lies within a resistivity low with no significant phase anomalies. Two chargeable anomalies found at about 0+50S on lines 2E and 1E are associated with resistivity highs and are probably a reflection of a subcrop rise.

A number of anomalies however are worthy of mention:

P-1 (L1+00W / 2+00S)

This is a moderate phase anomaly with a maximum strength of 6.2 millirads at n=4 with no resistivity correlation. It is interpreted as a good bedrock sourced chargeable anomaly that appears to be the immediate east extension of the Bastarache showing and should be drill tested.

P-2 (L0+00 / 3+12.5S to 3+47.5S)

This is a strong phase anomaly of 13 to 11 millirads that extends from n=1 to n=5. It is located within a weak resistivity low, flanked by a modest resistivity high to the north and a strong resistivity high to the south. This anomaly subcrops or outcrops and should be further investigated by prospecting and possibly trenching.

P-3 (L1+00W / 2+62.5S)

This is a relatively narrow phase anomaly at $n=1$ of 8 millirads and appears coupled with a weak resistivity increase to 92270-m. The phase anomaly extends to $n=3$. It may be related to an outcrop but should be prospected or trenched as a second order target, as it is possibly a bedrock sourced sulfide zone.

Bastarache Showing (L0+00 / 1+75S to 2+50S)

The gold showing shows up as an 87.5m wide, 19 to 10 millirad phase anomaly at level $n=1$ to 3 with related resistivities of 30k to 17k o-m. The elevated resistivities are indicative of a bedrock knob on surface. The relatively high phase values are indicative of the presence of polarizing material, such as disseminated sulfides, and the associated phase anomaly is not solely due to the resistivity feature.

Discussion:

The Bastarache-Burt property represents a brand new, grassroots gold exploration play in an area of the country which has seen very little exploration or prospecting. The property is located possibly 2 kilometres north of the Larder-Cadillac Break. An east-west trending lineament, defined by an intermittent stream bed has anomalous gold values on both sides of it and may represent a splay off the main Break's trace.

Sulfidized pillow selvages in the northwest corner of the property, south of the acid volcanics may indicate that the property also has a massive sulfide / base metal potential.

Syenite intrusions into the central area of the property show signs of caving and assimilation of country rock and local pyritization. The contacts of these intrusions need careful prospecting and sampling to determine if there are any associated gold value. These may represent a low grade - large tonnage gold play.

Sulfides found associated or flanking Mag Anomaly A are enigmatic and need further evaluation by prospecting and sampling.

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Conclusions and Recommendations:

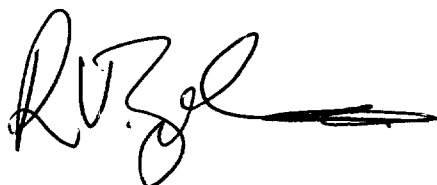
The Bastarache-Burt property in Burt Township is an exciting new gold showing in an area of essentially virgin ground. The property is underlain mainly by volcanics intruded by various masses of syenite. A foliated granite batholith, possibly representing older basement occurs off the property to the north.

At least three mineralization models need testing on the property. These are:

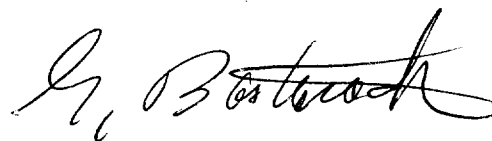
- a) hydrothermal-shear hosted gold and associated drag folding, which is in part defined by anomalous gold values at the Bastarache gold showing and in the sheared basalt to the east.
- b) pyritic contact zones with syenite intrusions, and
- c) volcanic hosted massive sulfides

Based on the 1999 IP results, additional IP work is warranted to continue coverage to the east. Magnetically indicated faults should be screened by electromagnetic surveying searching for conductors. This could be cost effectively carried out by using a VLF-EM instrument, with any defined conductors screened by using a horizontal loop EM instrument or by an IP survey.

In addition, prospecting and possibly geological mapping (if needed) should be carried out. This work could concentrate on the known gold showing and radiate outwards to cover the property. Prospecting should key on identifying areas of pyrite mineralization and shear structures.



R.V. Zalnierius P. Geol.
Larder Lake, Ont.
December 28, 1999



G. Bastarache, Prospector
Kirkland Lake, Ont.

References:

Bastarache, G. (1999)

Gerry Bastarache Project, Surface Plan, Trench and sample location plan, Burt Township, District of Timiskaming, Ont., Larder Lake Mining Division, scale 1:500 (metric), in prospector's personal files.

Chartré, E. (1999)

Gerard BaBastaracheroperty, Induced Polarization Survey, Burt Twp., Ontario. November 1999; Services Exploration Enr. report for Mr. G. Bastarache, 9p., with 4 psuedosections (scale 1:2,500)

Grabowski, G. (in press)

G. Bastarache Gold Occurrence in Kirkland Lake Resident Geologist's Office Report of Activities for 1998.

Jensen, L. (19??)

Geology of Burt Tp, on the south half of the western portion of the Kirkland Lake area map sheet, Open File Map No.139, (ODM 6850), scale 1"=1/4 mile

Moore, J.C.G. (1966)

Geology of Holmes-Burt Area, Ontario Department of Mines, Geological Report 44, 20p. accompanied by Map 2078 (coloured), Holmes-Burt Area, District of Timiskaming, scale 1"= 1/2 mile.

Zalnieriunas, R. V. (1999)

Property review and exploration proposal for the Bastarache-Burt Property, Burt Township, Ontario. NTS: 42A/01, (48° 5' 31" N, 80° 23' 58" W); April 24, 1999, 18p.

Other Maps:

ODM: Preliminary Geological Map No. P.207; Burt Township and North part of Gross Township, District of Timiskaming, scale 1" = 1/4 mile

GSC: Aeromagnetic maps 288G, 289G

R.V. Zalnieriunas Consulting

Box 214, Larder Lake, Ontario P0K 1L0
Tel.: (705) 643-2258 E-Mail: zal@nt.net

Appendix A
1999 OPAP Assay Certificates



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1791-RG1

Company: **G. BASTARACHE**

Date: JUL-12-99

Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 9 Rock samples submitted JUL-06-99 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM
#1	17	-	0.1	-	-	37
#2	Ni 1	-	0.1	47	-	9
#3	27	-	-	108	-	-
#4	31	-	0.1	34	-	-
#5	2	-	0.1	25	-	-
#6	69	75	0.9	163	-	11
#7	735	850	-	-	-	-
#8	41	-	-	48	-	-
#9	31	-	0.1	-	1	-

One assay ton portion used for gold.

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1878-RG1

Company: **G. BASTARCHE**

Date: JUL-16-99

Project:

Attn: G. Bastarche

We hereby certify the following Geochemical Analysis of 5 Rock samples submitted JUL-15-99 by .

Sample Number	Au PPB	Au Check PPB	
5-A	53	-	} East pit
6-A	60	-	
7-A	715	823	} #2 pit
8-A	257	214	
9-A	12	-	} on hill (on dyke?)

One assay ton portion used.

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-1930-RG1

Company: **G. BASTARACHE**

Date: JUL-21-99


Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 2 Rock samples submitted JUL-20-99 by .

Sample Number	Au PPB	Au Check PPB
#10	250	-
#12	2057	2194

One assay ton portion used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

certified #5 pit



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2399-RG1

Company: **G. BASTARACHE**

Date: SEP-01-99

Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 2 Rock samples submitted AUG-27-99 by .

Sample Number	Au PPB	Au Check PPB
#16	4183	4046
#17	1954	-

One assay ton portion used.

Certified by Denis Chartre

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

center 5 pit



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2160-RG1

Company: **G. BASTARACHE**

Date: AUG-11-99

Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 3 Rock samples submitted AUG-09-99 by .

Sample Number	Au PPB	Au Check PPB
2nd Series #1	799	-
2nd Series #2	1659	1680
2nd Series #3	987	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

4' N of 5 pit



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2246-RG1

Company: **G. BASTARACHE**

Date: AUG-18-99

Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 1 Rock samples submitted AUG-16-99 by .

Sample Number	Au PPB	Au Check PPB
2nd Series #4	1125	1118

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

loose mark
from SPIT



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

9W-2431-RG1

Company: **G. BASTARACHE**

Date: SEP-03-99

Project:

Attn: G. Bastarache

We hereby certify the following Geochemical Analysis of 2 Rock samples submitted AUG-31-99 by .

Sample Number	Au PPB	Au Check PPB
Series#2 #7	2880	2846
Series#2 #8	108	-

One assay ton portion used.

Certified by Denis Chantre

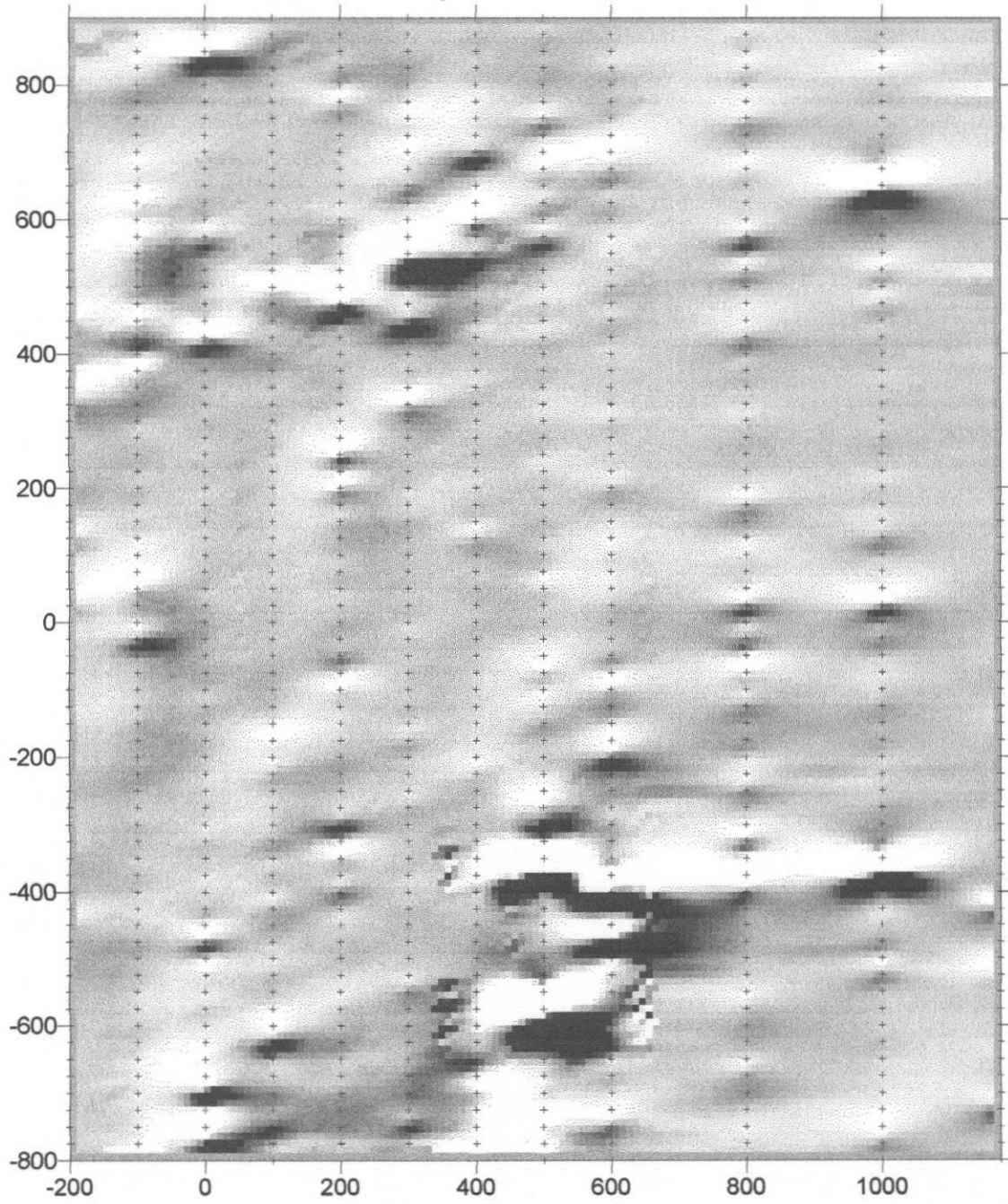
1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

5' N y 5 pit

Appendix B

Miscellaneous 1999 Ground Magnetometer Figures

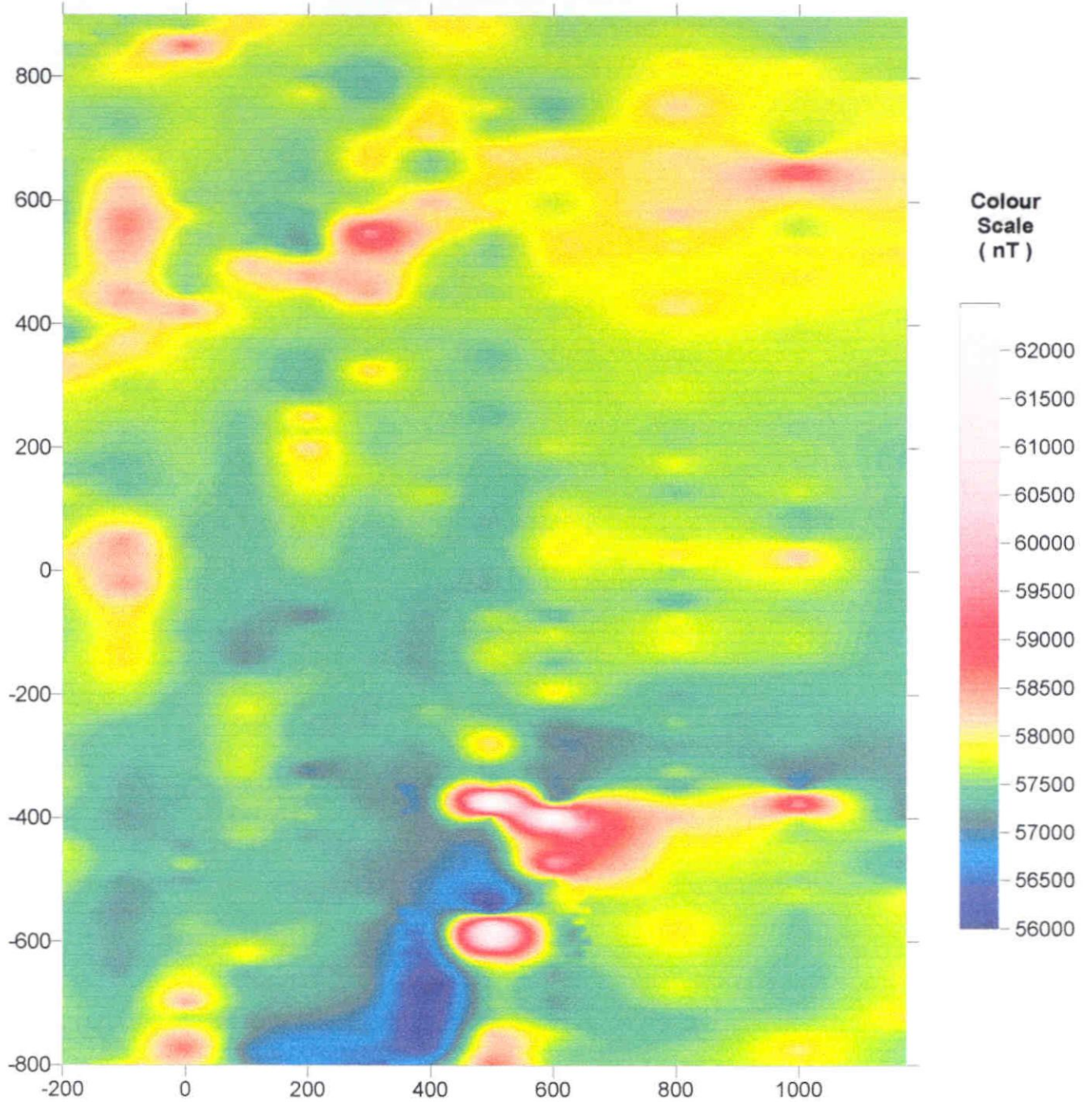
Shaded Total Magnetic Relief Burt Township - Bastarache Claim



10x10m kriged data grid, 0.5 anisotropy directed E-W;
illumination direction: az: 125 degrees from source 50 deg. above horizon
stations posted



Enhanced Coloured Total Magnetic Relief Burt Township - Bastarache Claim



10x10m kriged data grid, 0.5 anisotropy directed E-W

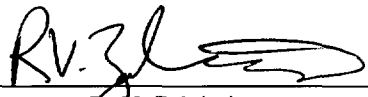


Appendix C
Qualifications and Consent Form

Declaration of Qualifications

I, **Rimant (Ray) Victor Zalnieriunas**, of the town of Larder Lake, Ontario, Canada, do hereby declare that:

1. I am a professional geologist, and am currently self-employed in this position as sole proprietor of R.V. Zalnieriunas Consulting, with offices at 14 MacDonald Street, Larder Lake, Ontario, P0K 1L0. E-Mail: zal@nt.net
2. I have obtained the degree of Bachelor of Science (Honours) granted by the Faculty of Arts and Science from Queen's University, Kingston, Ontario in 1978, and have been practising my profession since graduation.
3. I currently reside at 14 MacDonald Street in Larder Lake, Ontario, with a mailing address of P.O. Box 214, Larder Lake, Ontario, Canada, P0K 1L0.
4. I am a member of the Association of Geoscientists of Ontario, AGO No. 485 and have been accepted as a licenced Professional Geoscientist by the Association of Professional Engineers & Geoscientists of Saskatchewan (APEGS), Member No. 10866.
5. I am a member and director of the Northern Prospectors Association (NPA).
6. I am a member of the of the Prospectors and Developers Association of Canada (PDAC) as well as a member of the Quebec Prospectors Association (APQ).
7. I have personal knowledge of the work referred to in this report, having visited the property and having read all relevant provincial files which relate to the property as available at the MNM offices in Kirkland Lake, Ontario..
8. I have not, directly or indirectly, any interest in the property, nor do I expect to receive any interest in the property.
9. I do not own, directly or indirectly any securities of or from Mr. G. Bastarache, for whom this report has been prepared.
10. I do hereby grant to Mr. Gerard Bastarache the right to use this report, complete and unaltered, and unabridged parts thereof, for presentation to securities commissions, regulators and/or financial institutions and to whomever else he wishes to inform in the normal course of his business activities.

Signed: 
R.V. Zalnieriunas

Dated this 28th day of December, 1999 at Larder Lake, Ontario



42A01SW2006 2.20124 BURT

020

GERARD BASTARACHE PROPERTY

INDUCED POLARIZATION SURVEY

BURT TWP. ONTARIO

November 1999

RECEIVED
FEB 16 2000
GEOSCIENCE ASSESSMENT
OFFICE



42A01SW2006 2.20124 BURT

020C

TABLE OF CONTENTS

I - INTRODUCTION	P. 01
II - PROPERTY	P. 01
III - LOCATION & ACCESSIBILITY	P. 01
IV - INDUCED POLARIZATION SURVEY	P. 02
V - CONCLUSION	P. 03
VI - RECOMMENDATION	P. 03

MAPS

1 - Claim Map	1:20 000
2 - Grid Map	1:10 000
3 - Location Map	1:100 000
4 - Location Map	1:1 725 000

I - INTRODUCTION:

At the request of Gérard Bastarache, an Induced Polarization survey was carried out, during the month of November, 1999, by Rémi Bélanger, on part of Bastarache's Burt township claim.

The Induced Polarization survey was undertaken as part of a comprehensive exploration program within the framework of an O P A P project.

Possible gold-bearing disseminated sulphide horizons were targeted by the Induced Polarization survey.

II - PROPERTY:

The G. Bastarache property consists of one sixteen unit mining claim (1226818) covering lots 11 and 12, concession VI, Burt twp., Ont.

III - LOCATION & ACCESSIBILITY:

The Bastarache property is located in the northwestern corner of Burt township at an approximate distance of 28 Km southwest of Kirkland Lake.

From Kirkland Lake, the property may be reached by driving southwards along highway 66 for a distance of 28 Km, then northwestwards along the tree nursery road for an additional distance of 12 Km. From this point, a 1 Km long logging road leads northwards to the showing on the Bastarache mining claim.

IV - INDUCED POLARIZATION SURVEY:

A) - Survey Coverage:

A total of 3.2 line Km have been covered by the survey - lines 100 W, 0, 100 E and 200 E were read from 600 S to 200 N.

B) - Instrumentation:

A T-1 Phoenix transmitter, powered by a 2.0 Kw generator, was coupled with a V-5 Phoenix receiver operating in a dipole-dipole array with a 25 m electrode separation. The PHASE was measured in millirads and the RESISTIVITY in ohm-meters.

C) - Data Presentation:

The data were plotted on pseudo sections at the scale of 1:2 500.

D) - INTERPRETATION:

No distinct I.P. anomalies have been defined by the survey - the higher PHASE readings occur within zones of high RESISTIVITY.

The RESISTIVITY values indicate the presence of a 400 m wide siliceous zone traversing the area in a northeasterly direction.

V - CONCLUSION:

The I.P. survey has failed to outline a distinct zone of disseminated sulphides - the fine sulphides observed in the silicified tuffs of the trench area may nevertheless be present over widths of 400 m, as

suggested by the RESISTIVITY data.

VI - RECOMMENDATIONS:

If warranted, drill holes could test the silicified zone between 200 S and 600 S along line 0.

Respectfully submitted:

Edouard Chartré, B.A., B. Sc.:



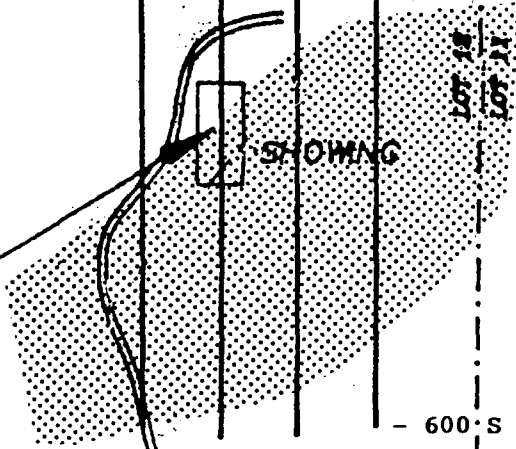
Nov. 26, 1999

BOMPAS TWP.

BURT TWP.

L 100 W
L 0
L 100 E
L 200 E
- 200 N

1226818
(16 UNITS)



Extent of silicified zone

SHOWING

LOGGING ROAD

CONC. VI

CONC. V

1225107

GERARD BASTARACHE PROPERTY

BURT TWP.

GRID SURVEYED (I.P.)

November 1999

1:10 000

ASTRONOMICAL NORTH



GENERAL LOCATION PLAN

1226934

1226875

DUNMORE TWP.

BOMPAS TWP.

HOLMES TWP.

BURT TWP.

1226820

1226875

WATABEAG LAKE ROAD

1226818
(16 UNITS)

SHOWING

PATENT

PATENT

CONC. VI
CONC. V

CONC. II
CONC. I

LOGGING ROAD

1226876

1225107

1225106

1222036

CONC. V
CONC. IV

WATABEAG LAKE ROAD
9 Km TO HIGHWAY 66

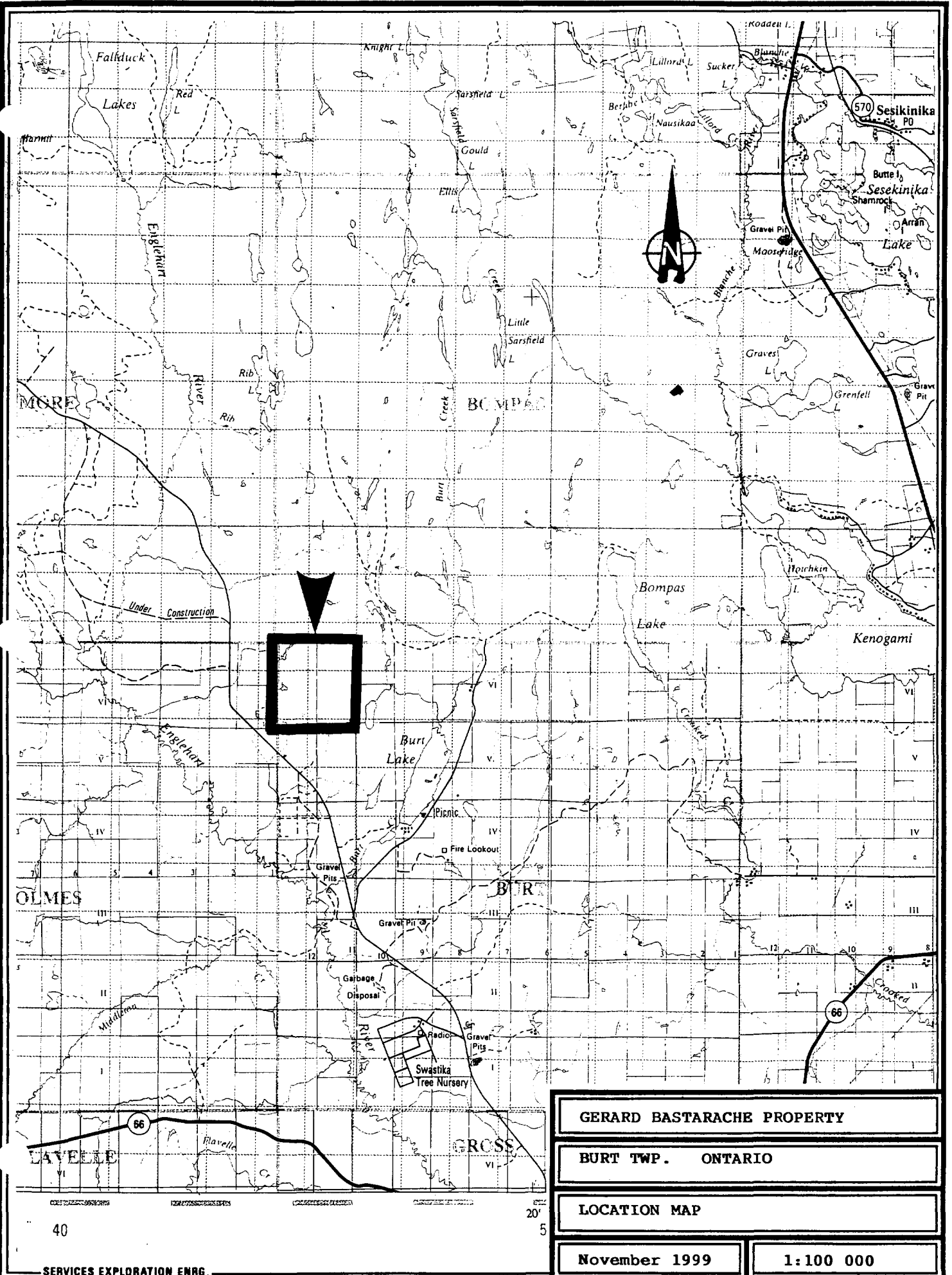
GERARD BASTARACHE PROPERTY

BURT TWP. ONTARIO

CLAIM MAP

November 1999

1:20 000



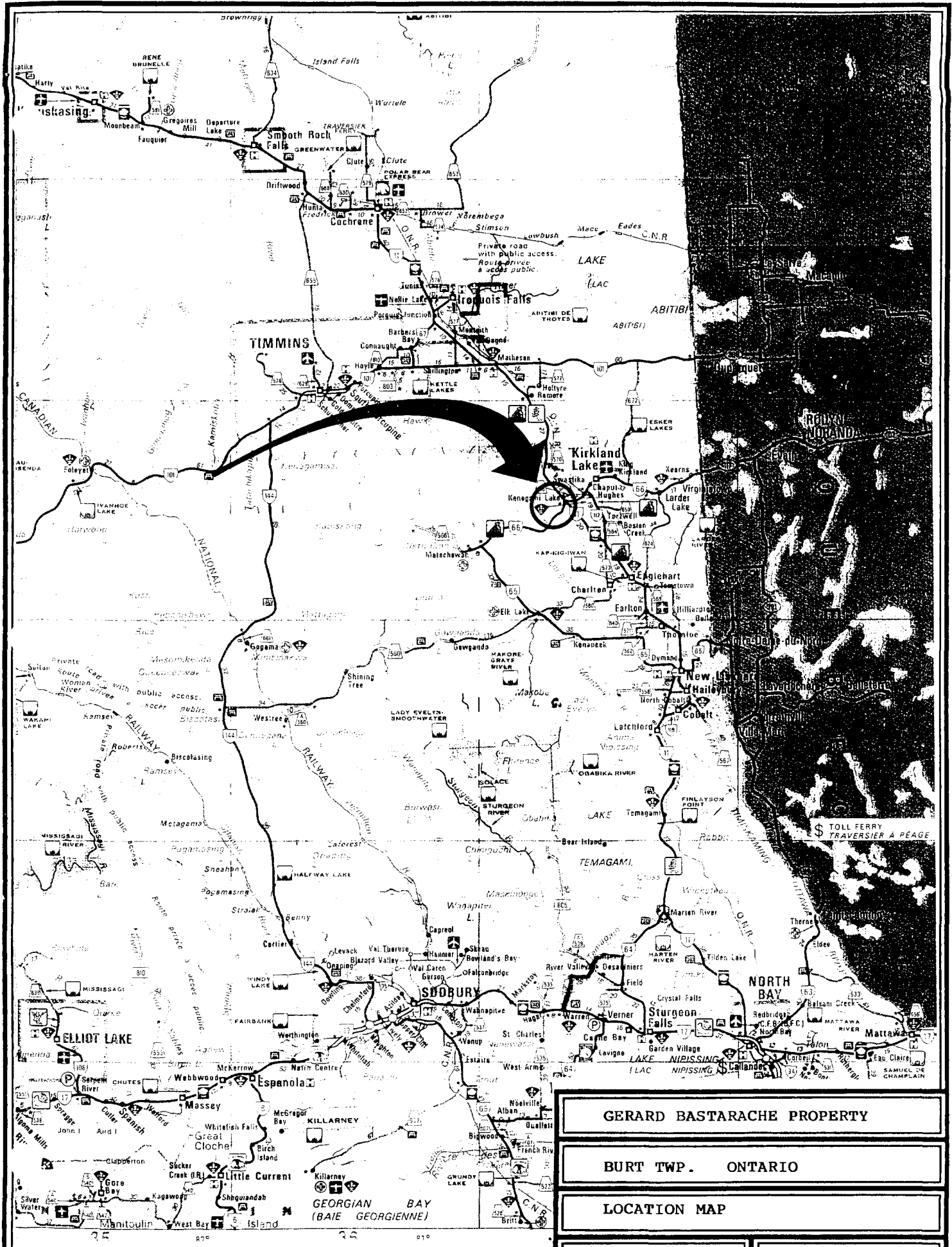
GERARD BASTARACHE PROPERTY

BURT TWP. ONTARIO

LOCATION MAP

November 1999

1:100 000



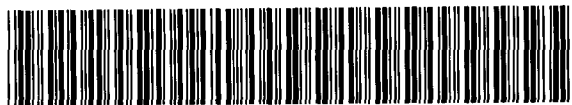
GERARD BASTARACHE PROPERTY

BURT TWP. ONTARIO

LOCATION MAP

November 1999

1:1 750 000



42A01SW2006 2.20124 BURT

900

of subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act assessment work and correspond with the mining land holder. Questions about this Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury

 Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
 - Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name <i>Gerard Bastarache</i>	Client Number <i>105509</i>
Address <i>25 Tweedsmuir Rd, Apt 404 Kirkland Lake Ont P2N 3M8</i>	Telephone Number <i>(705) 568-8107</i>
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

<input checked="" type="checkbox"/> Geotechnical: prospecting, surveys, assays and work under section 18 (regs)	<input type="checkbox"/> Physical: drilling stripping, trenching and associated assays	<input type="checkbox"/> Rehabilitation
---	--	---

Work Type <i>Prospecting, linecutting, combined ground geophysics (magnetometer, induced polarization and resistivity)</i>	Office Use
Dates Work Performed From Day <i>10</i> Month <i>4</i> Year <i>99</i> To Day <i>12</i> Month <i>11</i> Year <i>99</i>	Commodity
Global Positioning System Data (if available) <i>48° 5' 31" N, 80° 23' 58" W</i>	Total \$ Value of Work Claimed <i>19277 (Both)</i>
Township/Area <i>Burt</i>	NTS Reference <i>Cominco</i>
M or G-Plan Number <i>M.334</i>	Mining Division <i>harder lake</i>
	Resident Geologist District <i>Kirkland Lake</i>

 Please remember to:

- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <i>R.V. Zalnerius P. Geo.</i>	Telephone Number <i>(705) 643-2258</i>
Address <i>Box 214, Harder Lk, Ont. P0K1L0</i>	Fax Number <i>11</i>
Name <i>E. Chartré</i>	Telephone Number <i>(819) 797-0853</i>
Address <i>765 boul. Québec, Rouyn-Noranda, Qc</i>	Fax Number <i>(819) 797-1848</i>
Name	Telephone Number
Address	Fax Number

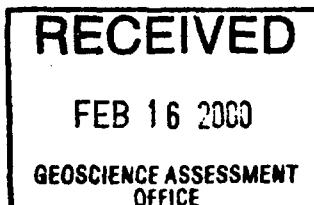
4. Certification by Recorded Holder or Agent

 I, *Gerard Bastarache* (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Gerard Bastarache</i>	Date <i>Feb 15 2002</i>
Agent's Address <i>25 Tweedsmuir Rd #404, Kirkland Lake</i>	Telephone Number <i>(705) 568-8107</i>
	Fax Number

0241 (03/97)

 RECEIVED
 LARDER
 MINING DIVISION

 FEB 15 2002, 20124
 9:00 AM
 NLE


Personal information collected on this form is obtained under the authority of subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sud Ontario, P3E 6B5.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name <u>Gerard Bastarache</u>	Client Number <u>105509</u>
Address <u>25 Tweedsmuir Rd Apt #404 Kirkland Lake, Ont. P2N 3M8</u>	Telephone Number <u>(705) 568-8107</u>
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

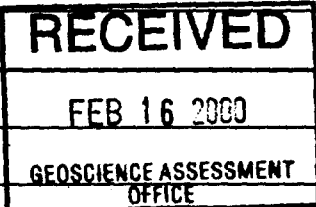
2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)	<input checked="" type="checkbox"/> Physical: drilling stripping, trenching and associated assays	Rehabilitation
Work Type <u>stripping, blasting & sampling</u>	Office Use	Commodity
	Total \$ Value of Work Claimed <u>5197.00</u>	NTS Reference
Dates Work Performed From Day <u>10</u> Month <u>5</u> Year <u>99</u> To Day <u>21</u> Month <u>10</u> Year <u>99</u>	Mining Division	Resident Geologist District
Global Positioning System Data (if available) <u>48° 5' 31" N; 80° 25' 58" W</u>	Township/Area <u>Burt</u>	M or G-Plan Number <u>M.334</u>

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <u>R.V. Zalnierinnas P. Geo.</u>	Telephone Number <u>(705) 643-2258</u>
Address <u>Box 214, Harder Lake, Ont. P0K 1K0</u>	Fax Number
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number


4. Certification by Recorded Holder or Agent

I, Gerard Bastarache (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <u>Gerard Bastarache</u>	Date <u>Feb 15/2000</u>
Agent's Address <u>25 Tweedsmuir Rd #404, Kirkland Lk.</u>	Telephone Number <u>(705) 568-8107</u>
	Fax Number

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0080.00082

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$ 8,892	\$ 4,000	0	\$4,892
1 <u>L1226818</u>	<u>16</u>	<u>5197.17</u>	<u>5119.69</u>	<u>0</u>	<u>77.48</u>
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals	<u>16</u>	<u>5197.00</u>	<u>5120.00</u>	<u>0</u>	<u>77.00</u>

I, Gerard Bastarache (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Gerard Bastarache Date: Feb. 15 2000

6. **Instruction for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARDER LAKE
MINING DIVISION

FEB 15 2000
9:00 AM
MRE

RECEIVED
FEB 16 2000
GEOSCIENCE ASSESSMENT
OFFICE

2000



bur-11

W0080.00082

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Table with 4 columns: Work Type, Units of work, Cost Per Unit of work, Total Cost. Rows include linecutting magnetometer, induced polarization resistivity prospecting, Associated Costs (Analyses & assay costs, field supplies, property review), Transportation Costs (pers. vehicle use), and Food and Lodging Costs (lunches).

RECEIVED FEB 16 2000 GEOSCIENCE ASSESSMENT OFFICE

Total Value of Assessment Work 14080.3

Calculations of Filing Discounts:

- 1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work.

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note: - Work older than 5 years is not eligible for credit. - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification.

Certification verifying costs:

I, Gerard Bastarache, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as recorded holder I am authorized to make this certification.

REC'D LARDER MINING DIVISION

Signature: Gerard Bastarache Date: Feb. 15 2000

FEB 15 2000 9:00 AM M.L.R.

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
stripping & blasting	6 zones		4524.6 4524.6
Associated Costs (e.g. supplies, mobilization and demobilization).			
	office work - report prep. (2 days)	100/d	200
Transportation Costs			
	pers. vehicle use (1/2 x \$945) Σ=3150km	30¢/km	472.50
Food and Lodging Costs			
Total Value of Assessment Work			5,197.

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Gervard Bastarache (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying

Declaration of Work form as recorded holder I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

0212 (03/97)

 RECEIVED
 LARDELL
 MINING DIVISION

 FEB 15 2000
 9:00 AM
 MPE

Signature <u>Gervard Bastarache</u>	Date <u>Feb 15 2000</u>
--	----------------------------

RECEIVED
 FEB 16 2000
 GEOSCIENCE ASSESSMENT OFFICE

2.2035

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

May 10, 2000

GERARD BASTARACHE
25 TWEEDSMUIR ROAD
APT. 404
KIRKLAND LAKE, ONTARIO
P2N-3M8

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mismnpg.htm

Dear Sir or Madam:

Submission Number: 2.20124

Status

Subject: Transaction Number(s): W0080.00082 Approval


We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact LUCILLE JEROME by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.20124

Date Correspondence Sent: May 10, 2000

Assessor: LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0080.00082	1226818	BURT	Approval	May 09, 2000

Section:

14 Geophysical MAG
14 Geophysical IP
9 Prospecting PROSP
10 Physical PSTRIIP
10 Physical PTRNCH

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Recorded Holder(s) and/or Agent(s):

GERARD BASTARACHE
KIRKLAND LAKE, ONTARIO

Assessment Files Library
Sudbury, ON

BURT TOWNSHIP

30

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LICENSE OF OCCUPATION
- LOCATED LAND
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- CANCELLED

- Ⓞ C.S.
- Ⓞ L.O.
- Ⓞ Loc
- Ⓞ M.R.O.
- Ⓞ S.R.O.
- Ⓞ C

LARDER LAKE MINING DIVISION

DISTRICT OF TIMISKAMING

M.334

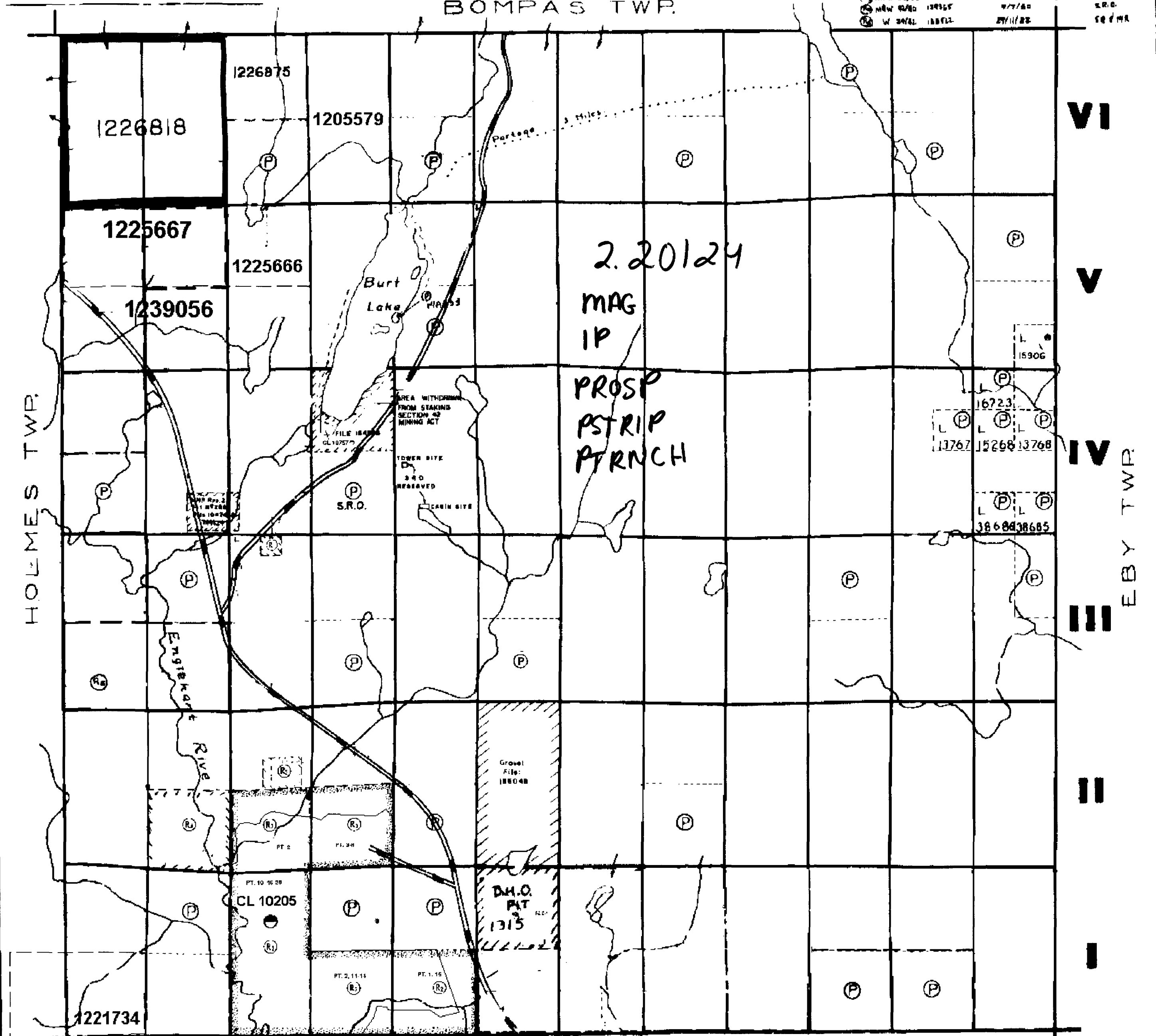
Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970).

SCALE 40 CHAINS TO ONE INCH

Order No.	File	Date	Disposition
W 7/74	104317	8/2/74	S.R.O.
W 7/78	100881	10/18/78	S.R.O.
N.R.W 33/79	139957	14/5/79	S.R.O.
N.R.W 42/80	139157	4/7/80	S.R.O.
W 24/82	138712	27/11/82	S.R.O.

400' surface rights reservation along the shores of all lakes and rivers.

BOMPAS TWP.



COPY OF THIS MYLAR ARCHIVED AUG 23/93

ARCHIVED ON JUNE 01/95.

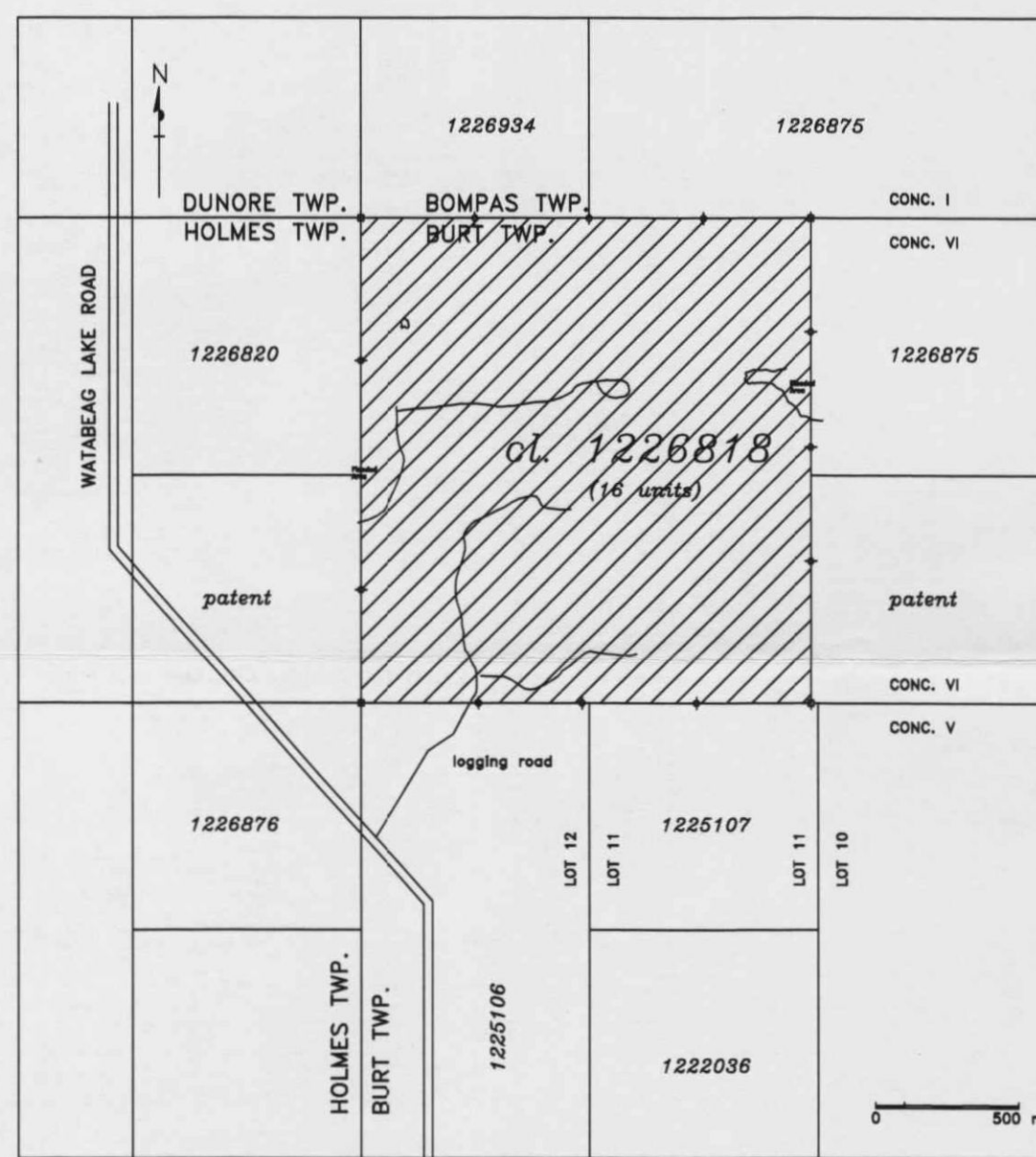
NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE PLOMSKI FOREST MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 128 SWASTKA, ONT. POK 1T0 706-648-3228

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

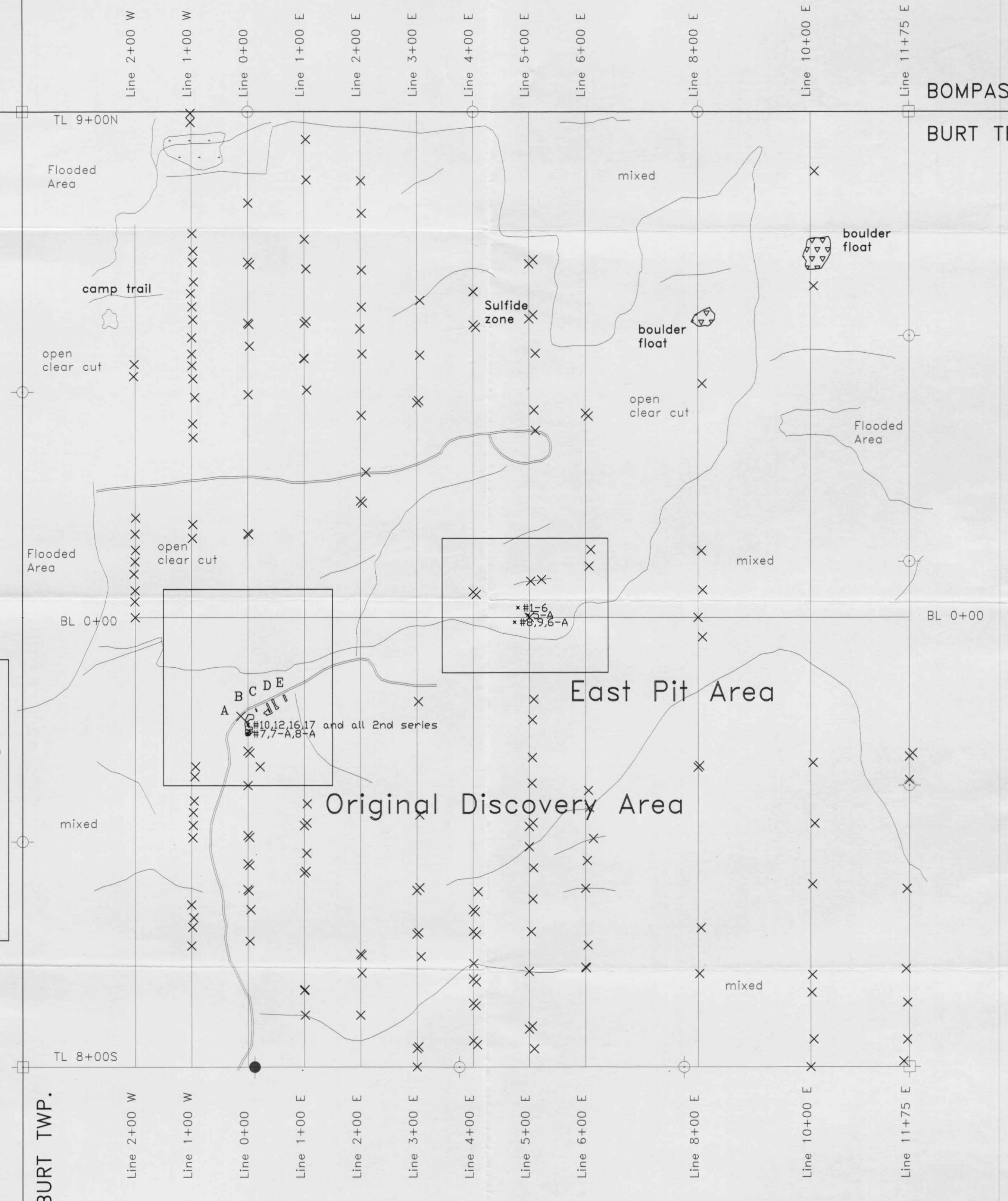
ONTARIO
MINISTRY OF NATURAL RESOURCES
 SURVEYS AND MAPPING BRANCH



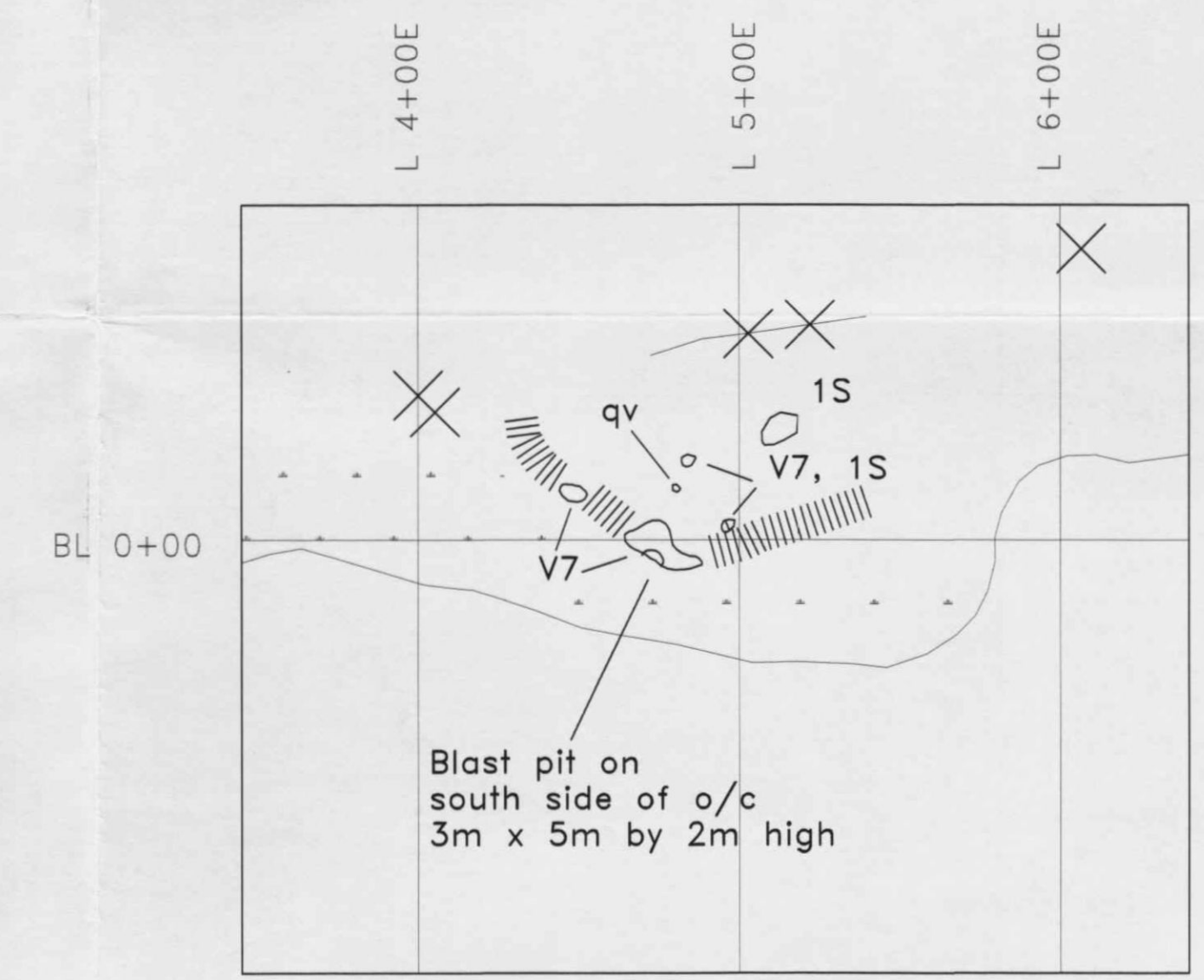


DUNORE TWP.
HOLMES TWP.

BOMPAS TP
BURT TP



Detail: 1999 East Pit Area



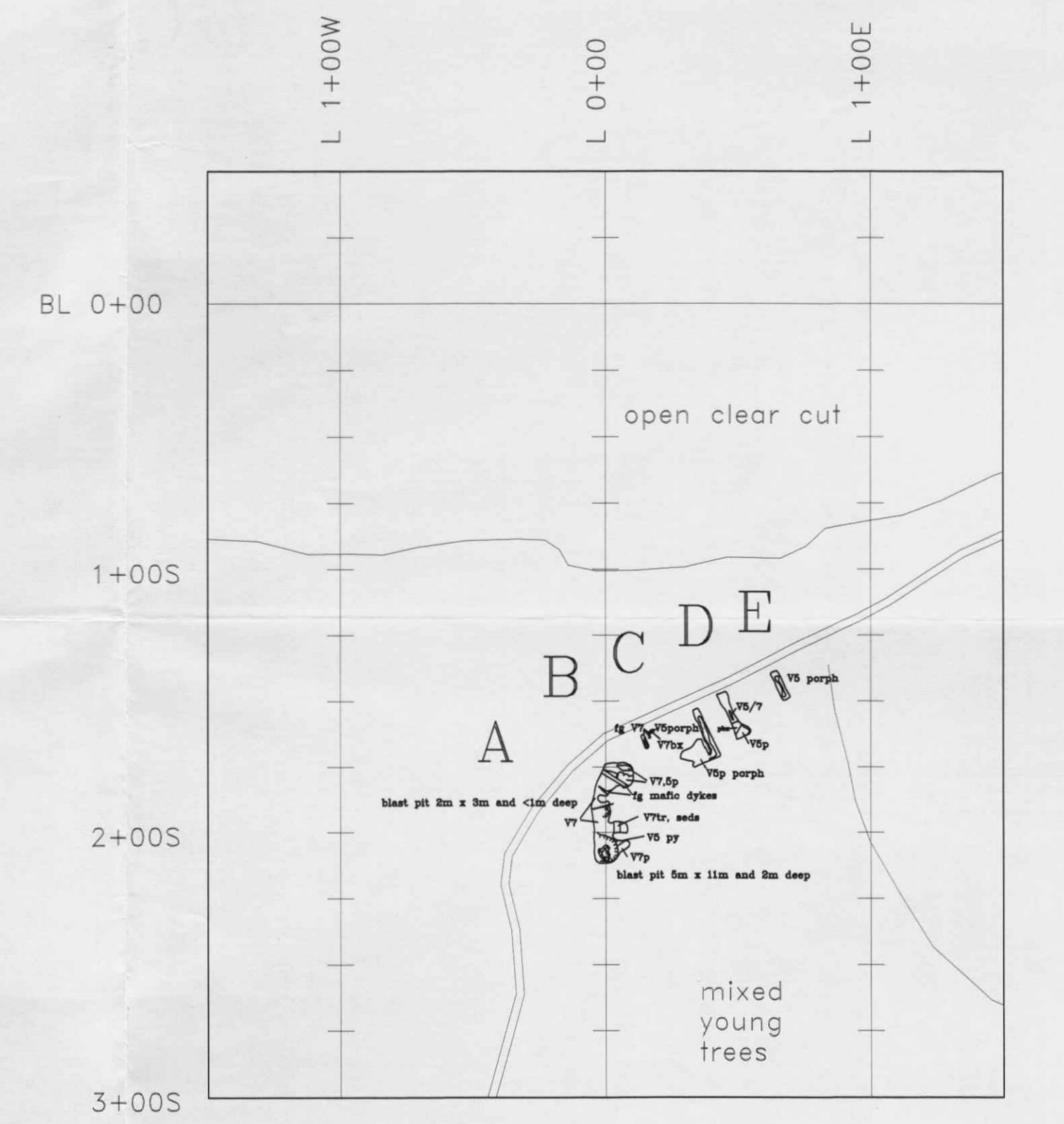
- LEGEND:**
- 1S Syenite
 - V5 Intermediate Volcanic
 - V7 Mafic Volcanic
 - S sediment

- Modifiers**
- p pillowed
 - pbx pillow breccia
 - m massive
 - porph porphyritic
 - t tuff
 - r re-worked

- SYMBOLS**
- claim post, line post
 - road, trail
 - lake, stream
 - vegetation boundary
 - ⊙ area of boulders
 - cut line
 - x 1234 sample location
 - x area of outcrop

1999 ASSAY RESULTS								
LOCATION	SAMPLE NUMBER	AU PPS	CHK AU	AG PPM	CU PPM	PB PPM	ZN PPM	COMMENTS
Main Shaling Trench 'A'	97	735	850	...	...	...	...	old 2 pit
South Pit	7-A	715	883	...	...	...	...	...
	8-A	257	214	...	...	...	...	...
North Pit	#10	250	2194	...	...	...	...	centre of old 5 pit
	#12	2027	4046	...	...	...	...	...
	#16	1954	...	...	...	...	...	...
	#17	799	...	...	...	...	...	4ft N of 5 pit
	2nd Series - #1	1459	1680	...	...	...	...	...
	2nd Series - #3	987	...	...	...	...	...	loose muck
	2nd Series - #4	1125	...	...	...	...	...	...
	2nd Series - #7	2880	2846	...	...	...	...	4ft N of 5 pit
	2nd Series - #8	108	...	...	...	...	...	...
East Pit Area (BLO, S+00E)								
East Pit	#8	41	...	...	48	...	...	...
	#9	21	...	...	...	...	...	...
	5-A	23	...	...	...	...	...	...
	60	...	...	...	...	...	...	...
Hill Top	#1	17	...	...	...	...	37	...
	#2	...	...	...	...	...	...	...
	#3	27	...	...	...	...	...	...
	#4	31	...	...	...	...	...	...
	#5	8	...	...	...	...	...	...
	#6	49	...	...	...	...	...	...
	9-A	12	...	...	...	...	...	on dyke
BLO/LSE	5-A	53	...	...	...	...	...	...

Detail: 1999 trenches A to E

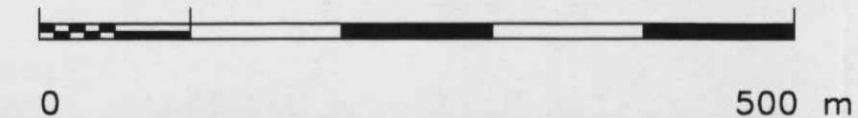


R.V. Zalnieriunas Consulting
Box 214, Larder Lake, Ontario. POK 1L0

Gerard Bastarache 1999 OPAP Project
Burt Township, Ontario

1999 Prospecting and Physical Work

Scale: 1 : 5,000
Drawn by: R.V. Zalnieriunas
Date: October 11, 1999
Sheet: 42A/SE of 42A/SE



DUNORE TWP.
HOLMES TWP.

BOMPAS TWP.
BURT TWP.

HOLMES TWP.
BURT TWP.

Line 2+00 W	Line 1+00 W	Line 0+00	Line 1+00 E	Line 2+00 E	Line 3+00 E	Line 4+00 E	Line 5+00 E	Line 6+00 E	Line 8+00 E	Line 10+00 E	Line 11+75 E
TL 9+00N	57587	57570	57895	57687	57632	57846	57851	57563	57716	57536	
	57684	58876	57703	57645	57582	57752	57756	57564	57665	57513	
	57856	57830	57611	57672	57441	57751	57706	57671	57894	57826	
	57833	57725	57596	57453	57256	57643	57572	57533	57767	57831	
	57617	57675	57601	57826	57270	57783	57541	57496	57946	57756	
	57527	57652	57543	57603	57540	57896	57802	57386	58142	57746	
	57461	57652	57565	57535	57545	57936	57497	57493	57895	57722	
	57583	57513	57684	57541	57485	58066	57724	57911	57806	57596	
	57576	57765	57642	57545	57473	57933	57467	58044	58090	57525	
	57495	57786	57630	57517	57454	57944	57466	57867	57787	58001	
	57480	58264	57603	57485	57452	57611	57960	57840	57996	58186	
	57427	58206	57536	57480	57555	57666	58363	57735	57681	57947	
	57427	58627	57876	57454	57361	57925	57931	58012	57755	57717	
	57510	58602	57583	57520	57285	59692	58127	57975	57916	57650	
	57546	58420	57567	57474	57156	58851	57796	57472	57993	57943	
	57564	58260	57519	58220	57936	58106	57644	57483	57894	57770	
	57625	58067	57500	58016	58490	58274	57663	57624	57736	57790	
	57867	58442	57475	57724	57715	58425	57546	57540	57772	57924	
	57637	58298	58514	57727	57590	57775	57642	57666	57613	58066	
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	57272	58121	57767	57561	57520	57612	57515	57503	57646	57765	
	57996	57982	57725	57534	57431	57564	57585	57411	57604	57655	
	58132	57806	57721	57556	57356	58054	57531	57457	57575	57672	
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	57695	58536	57463	57403	57534	57391	57482	57424	57826	57651	
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	57586	57662	57395	57625	57477	57285	57326	57423	57931	57234	
	57636	57576	57376	57791	57364	57293	57545	57373	57336	57382	
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	57505	57333	57365	57691	57452	57255	57226	57910	57190	57255	
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	57705	57330	57181	57454	57347	57237	57105	57040	58642	57830	
	57677	57382	57670	57305	57365	57180	57045	56914	59993	57761	
	57615	57215	57164	57375	57316	57182	56954	56704	57576	57697	
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	57436	57145	57435	57376	57355	57364	56870	56005	57567	57741	
	57382	57204	57541	57345	57514	57150	56697	61487	57516	57950	
	57390	57235	57482	57630	57486	57133	56551	61563	57336	57877	
	57413	57191	57536	57920	57447	57097	56421	58242	57585	57715	
	57456	57192	57767	57222	57261	57125	56335	57615	57186	57614	
	57504	57315	57937	57326	57286	57155	55885	57516	57300	57793	
	57514	57380	58446	57402	57271	57010	56272	57533	57196	57585	
	57522	57431	57483	57206	57087	56836	56130	57482	57355	57371	
	57510	57488	58277	57211	56855	56907	56215	58263	57782	57405	
	57531	57513	58751	56907	56645	56536	56242	58255	57536	57536	
TL 8+00S			57107					58750	57512	57787	57536

Flooded Area

open clear cut

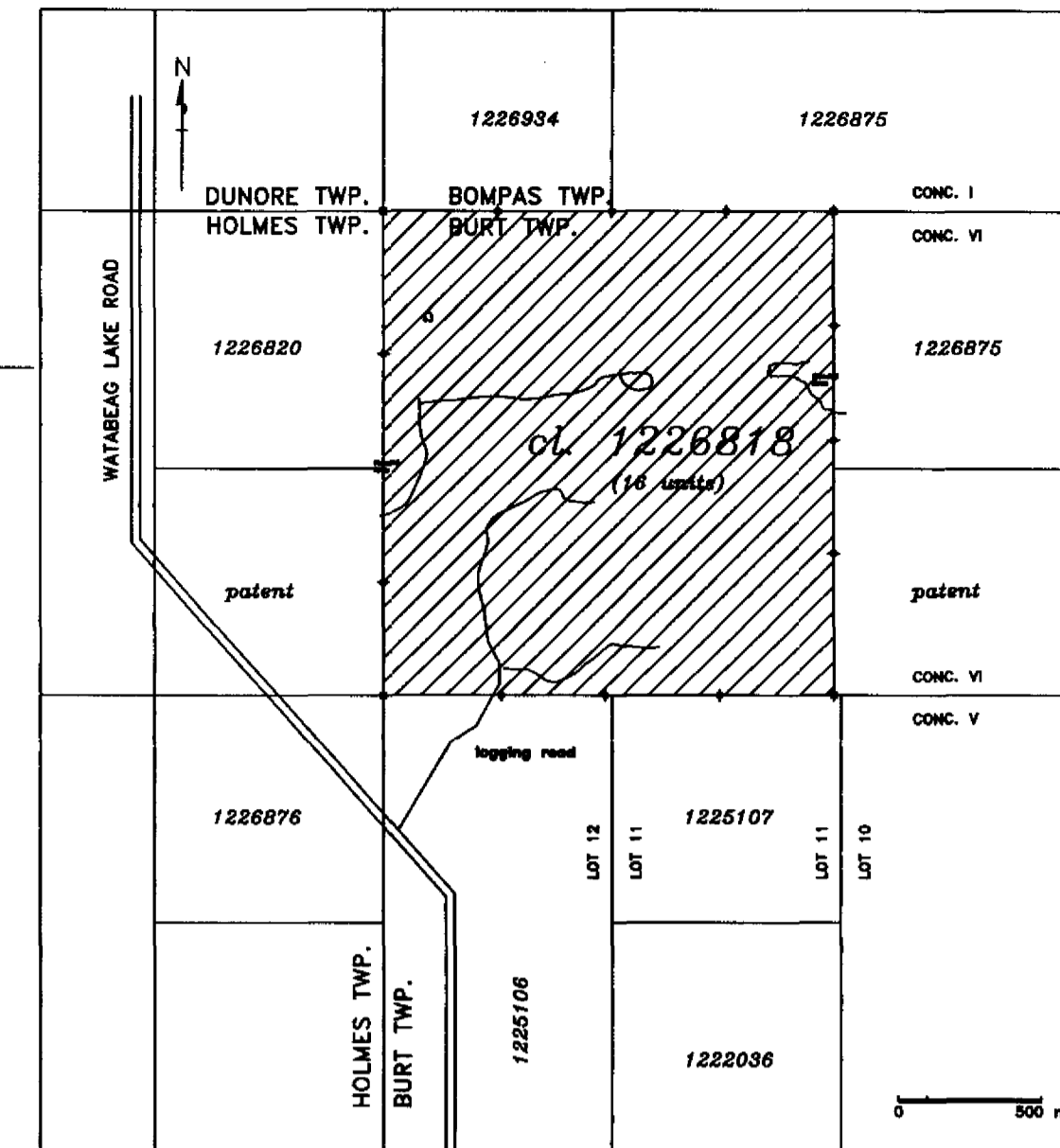
Flooded Area

mixed

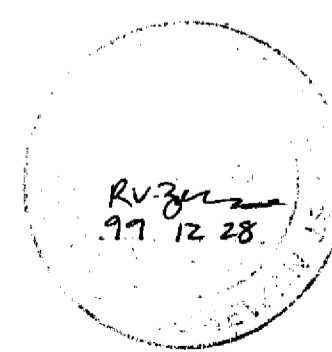
open clear cut

Flooded Area

Base Line 0+00



- SYMBOLS**
- claim post, line post
 - road, trail
 - lake, stream
 - vegetation boundary
 - area of boulders
 - cut line

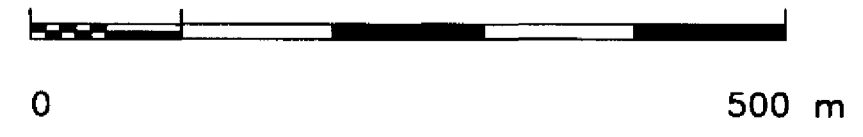


R.V. Zalnierunas Consulting
Box 214, Larder Lake, Ontario. P0K 1L0

Gerard Bastarache 1999 OPAP Project
Burt Township, Ontario

**Posted Values of
1999 Magnetometer Survey**

Scale: 1 : 5,000	Drawn by: R.V. Zalnierunas	Date: October 11, 1999	Sheet ___ of ___
Plan No.: 990007-1	Revised by:	Date:	WTR 42A/SE

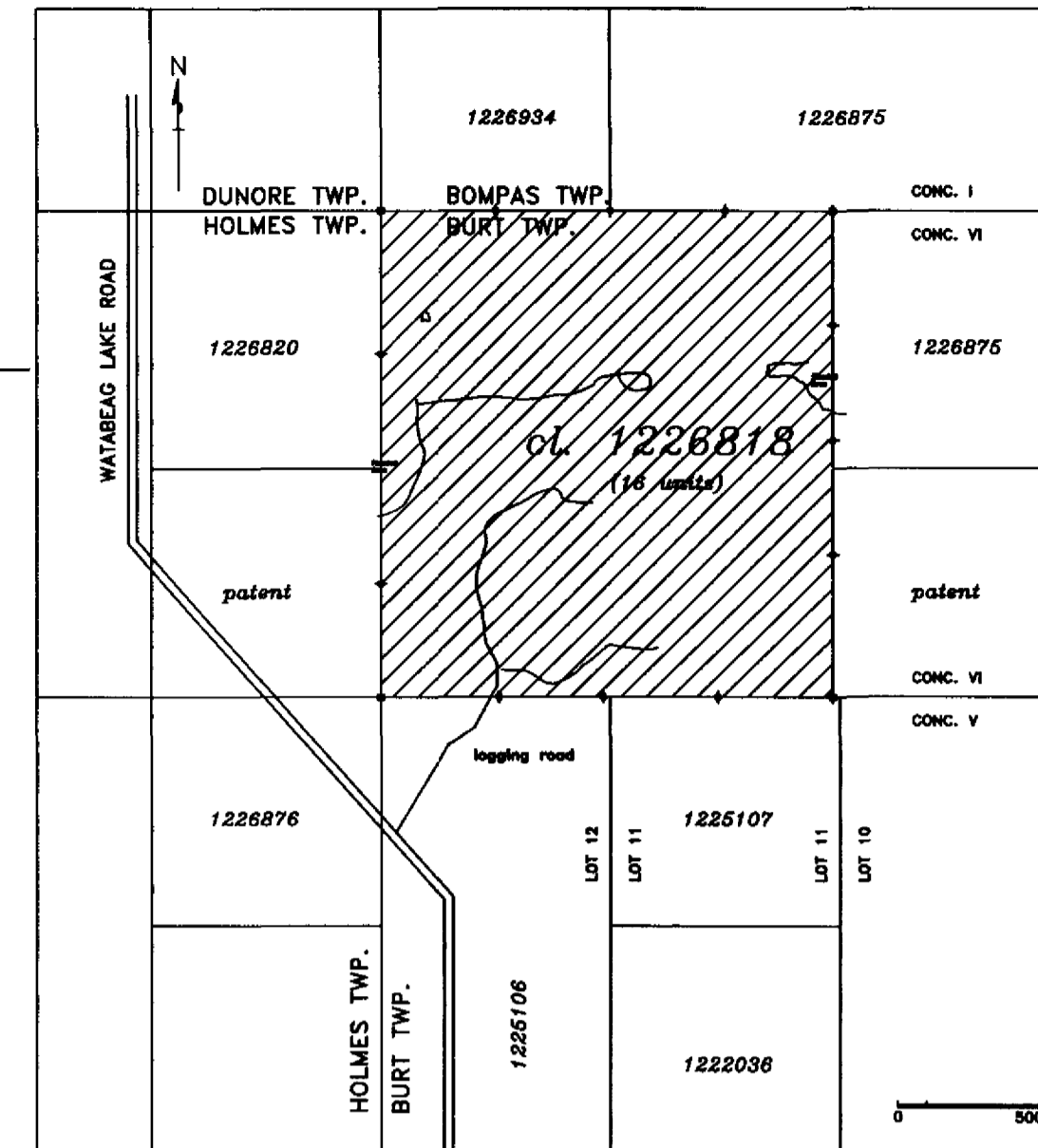
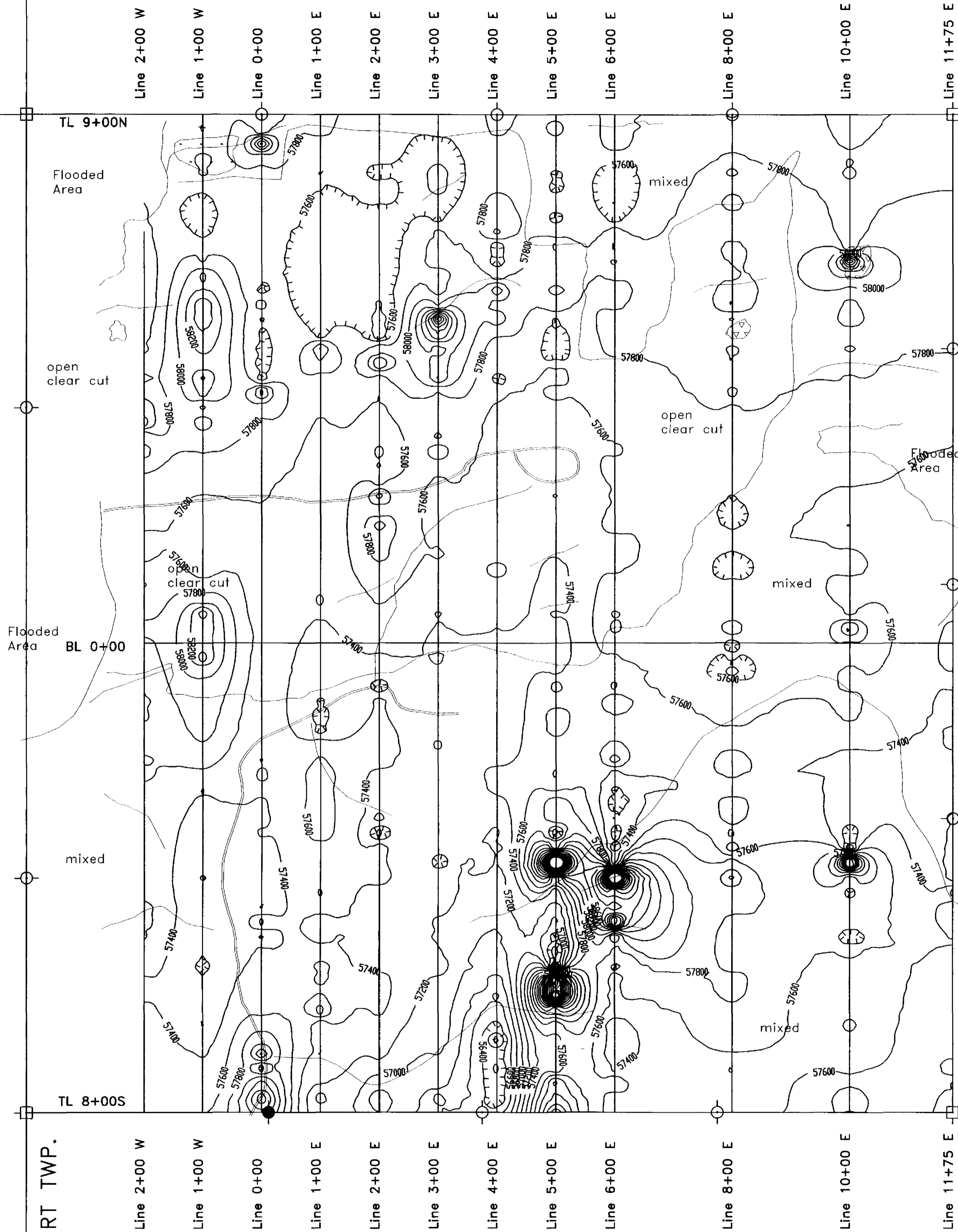


DUNORE TWP.
HOLMES TWP.

BOMPAS TWP.
BURT TWP.

HOLMES TWP.

BURT TWP.



Survey Data

Contour Range: 56000nT to 62000nT
Contour Values: 200nT

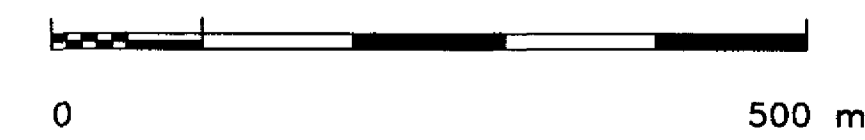
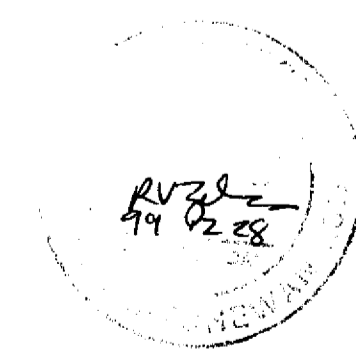
Personel: J. Belanger
Dates: Sept.20-25, 1999
Instrument: G816
(Exploranium proton magnetometer)

Control: looped lines with
base stations on BL

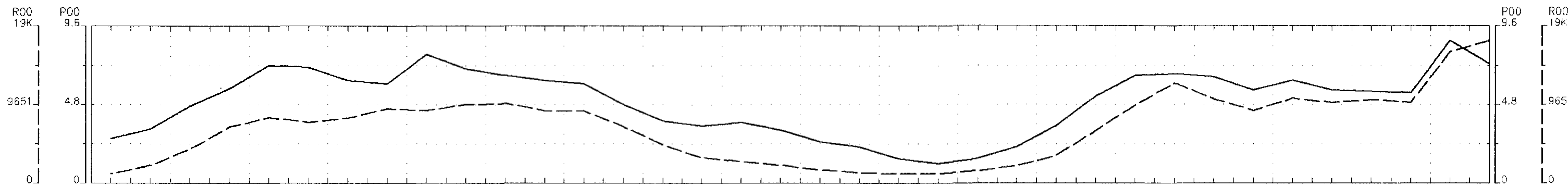
SYMBOLS

- claim post, line post
- road, trail
- lake, stream
- vegetation boundary
- area of boulders
- cut line

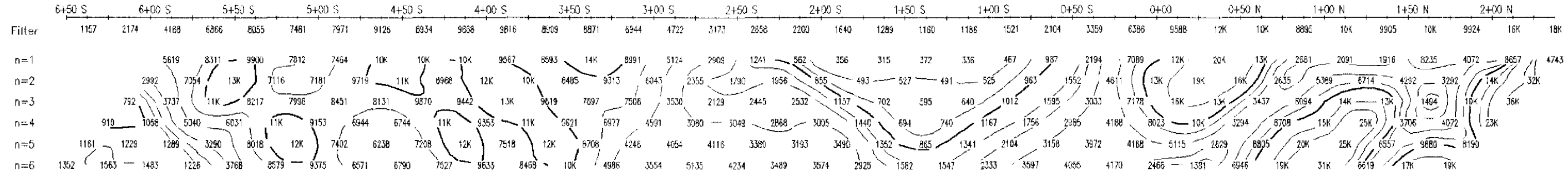
2.20124



		R.V. Zalnieriunas Consulting Box 214, Larder Lake, Ontario. POK 110	
		Gerard Bastarache 1999 OPAP Project Burt Township, Ontario	
Contoured 1999 Total Field Magnetics			
Scale: 1 : 5,000	Drawn by: R.V. Zalnieriunas	Date: October 11, 1999	Sheet ___ of ___
Plan No.: 990007-1	Revised by:	Date:	WTR 42A/SE

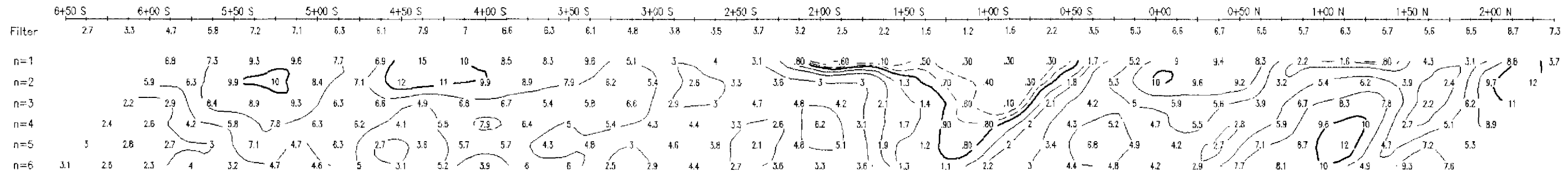


RESISTIVITY
OHM-METERS



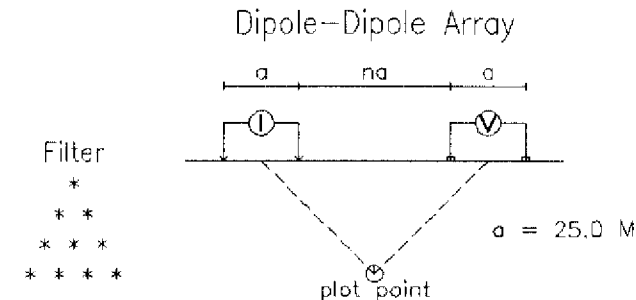
RESISTIVITY
OHM-METERS

PHASE
MRAD



PHASE
MRAD

Line 100 W



Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- ▣ Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500
25 0 25 50 75 100 125
(metres)

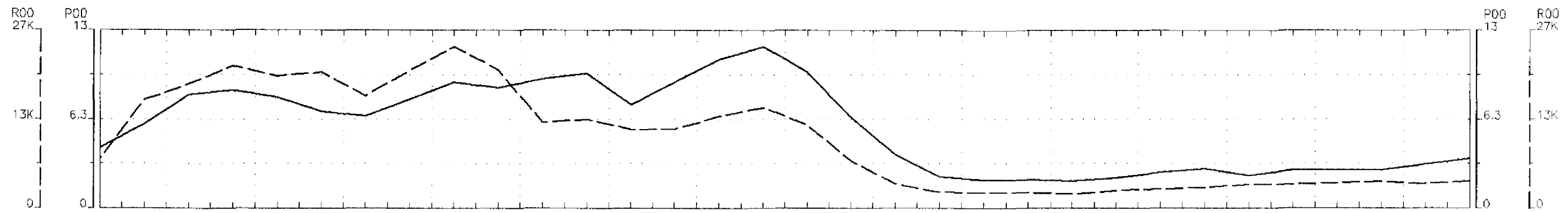
GERARD BASTARACHE

INDUCED POLARIZATION SURVEY
BURT TWP.
KIRKLAND LAKE AREA, ONTARIO

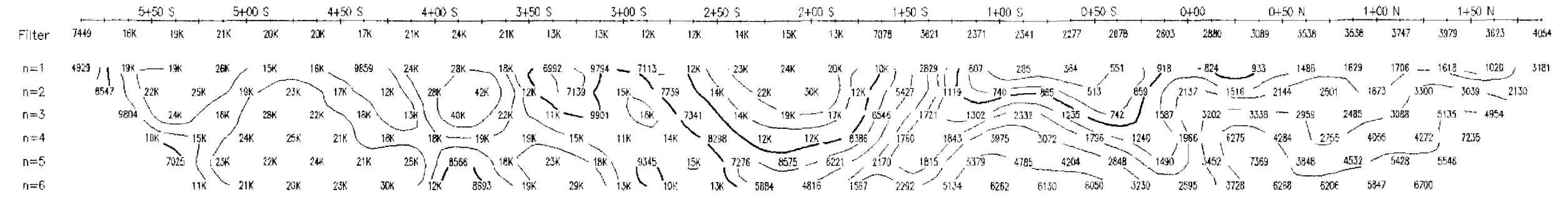
Date: 99/11/24
Interpretation: EDWARD CHARTRE (GEOLOGIST)

REMY BELANGER (GEOPHYSICAL CONTRACTOR)

42A01SW2006 2.20124 BURT 240

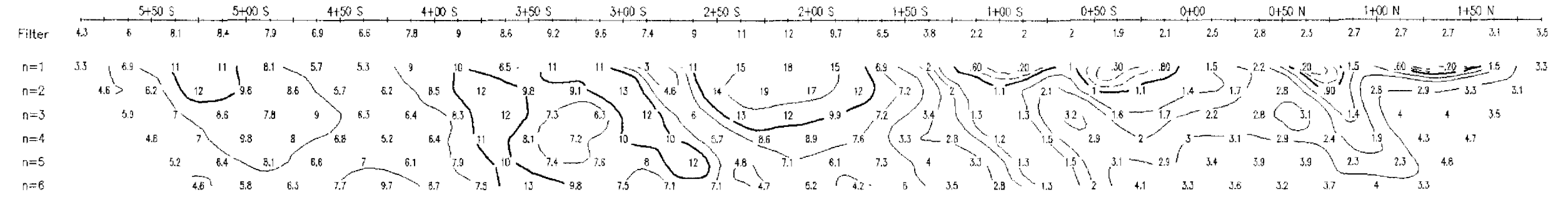


RESISTIVITY
OHM-METERS



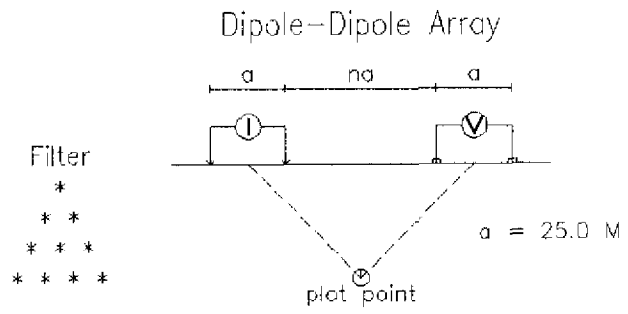
RESISTIVITY
OHM-METERS

PHASE
MRAD



PHASE
MRAD

Line 000 E

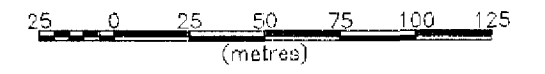


Filter
*
* *
* * *
* * * *
Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
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Scale 1:2500

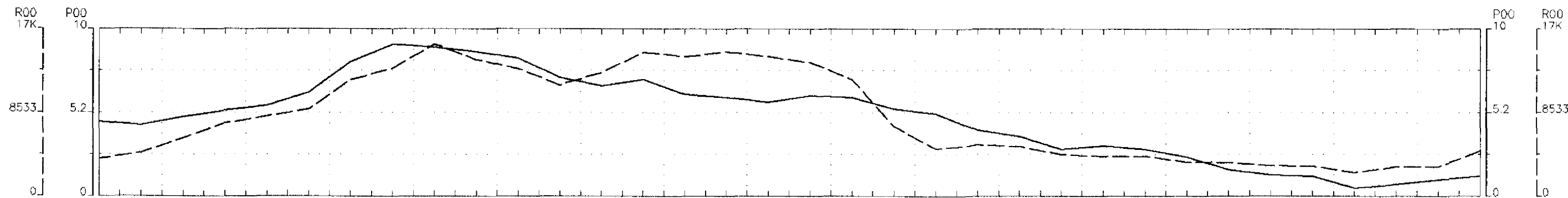


GERARD BASTARACHE

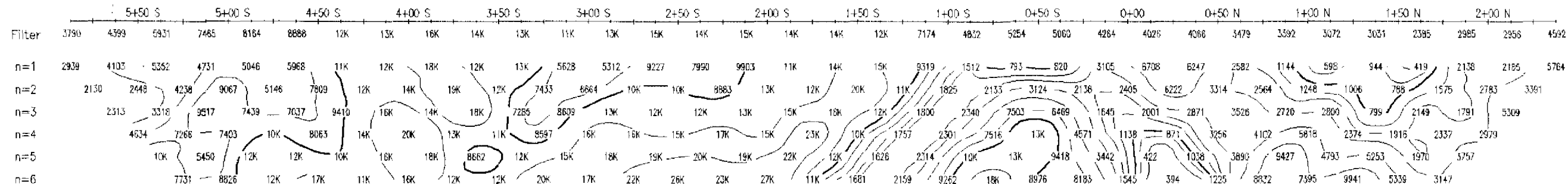
INDUCED POLARIZATION SURVEY
BURT TWP.
KIRKLAND LAKE AREA, ONTARIO

Date: 99/11/24
Interpretation: EDWARD CHARTRE (GEOLOGIST)

REMY BELANGER (GEOPHYSICAL CONTRACTOR)

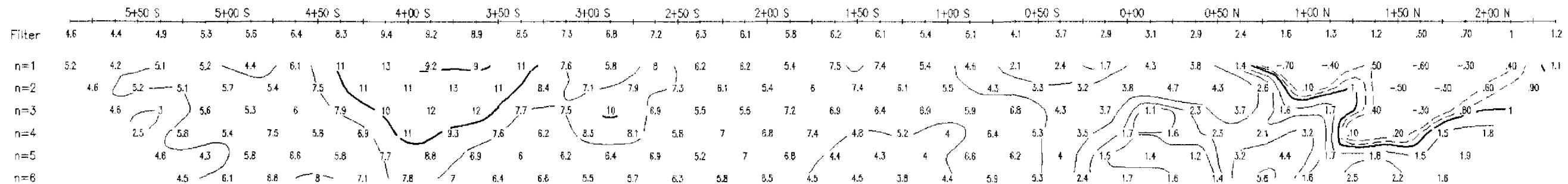


RESISTIVITY
OHM-METERS



RESISTIVITY
OHM-METERS

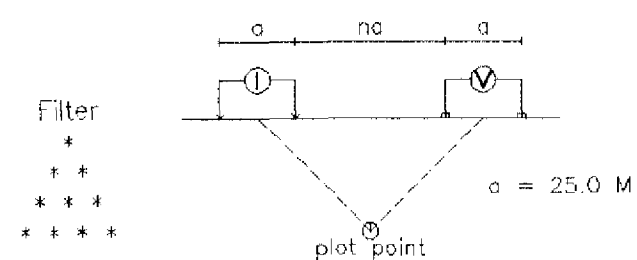
PHASE
MRAD



PHASE
MRAD

Line 100 E

Dipole-Dipole Array

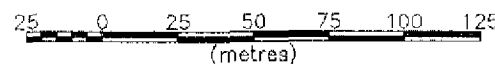


Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- ▣ Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

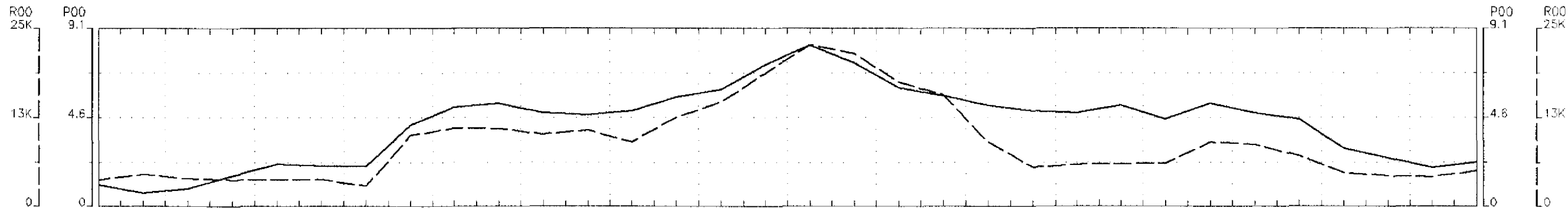


GERARD BASTARACHE

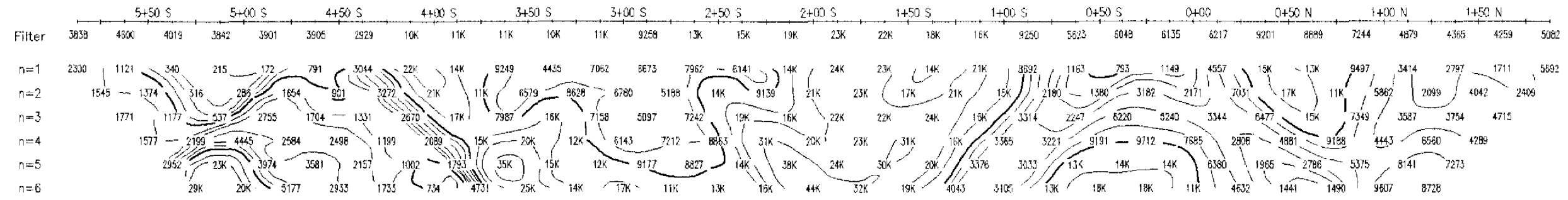
INDUCED POLARIZATION SURVEY
BURT TWP.
KIRKLAND LAKE AREA, ONTARIO

Date: 99/11/24
Interpretation: EDWARD CHARTRE (GEOLOGIST)

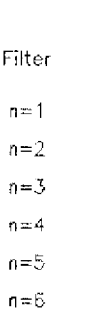
REMY BELANGER (GEOPHYSICAL CONTRACTOR)



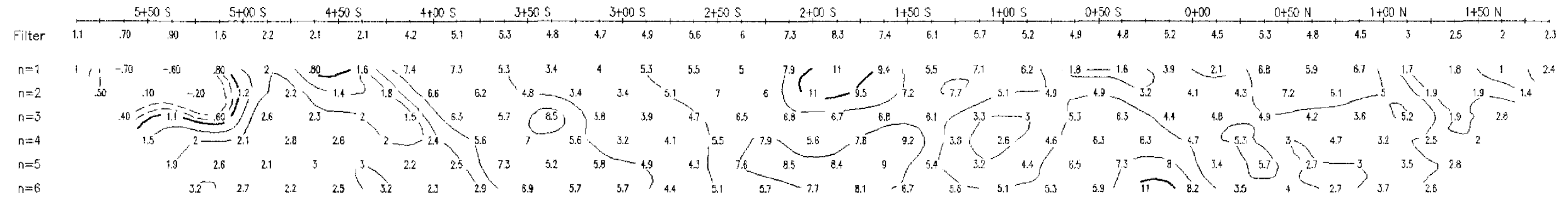
RESISTIVITY
OHM-METERS



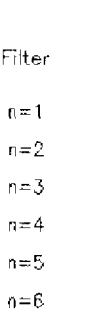
RESISTIVITY
OHM-METERS



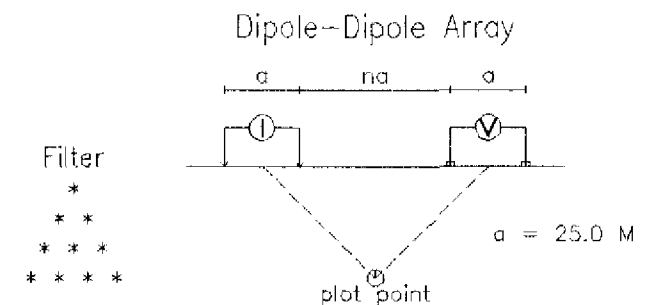
PHASE
MRAD



PHASE
MRAD



Line 200 E



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- ▣ Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500



GERARD BASTARACHE

INDUCED POLARIZATION SURVEY
BURT TWP.
KIRKLAND LAKE AREA, ONTARIO

Date: 99/11/24
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REMY BELANGER (GEOPHYSICAL CONTRACTOR)

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BURT

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