TITLE PAGE

KSL Exploration (Yukon) Limited

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094356

ASSESSMENT REPORT

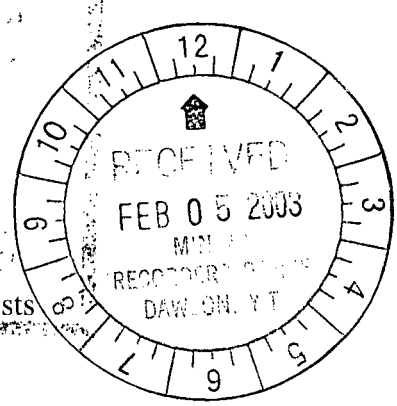
(Geochemical and Geological Surveys)
(Geophysical Data Interpretation)

For the renewal of the contiguous

KLONDIKE, BEAR, ACT, GAP, GIT, IF,
NUG, BOBO & WEDGE Claim Blocks,
NTS 115 – O/14

Centred at 139° 9' West and 63° 56' 30" North
in the Dawson Mining District

January 2003



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Prepared for:
Dawson Mining Recorder
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This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 16,285.

M. B.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Costs associated with this report have been approved in the amount of $ 16,285 for assessment credit under Certificate of Work No. 200442

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Mining Recorder
Dawson City Mining District

LIST OF FIGURES, APPENDICES & ENCLOSURES

KSL Exploration (Yukon) Limited

EXECUTIVE SUMMARY

A limited program of Mobile Metal Ion soil geochemistry, consisting of seven lines (139 sample sites) were collected. No new major anomalies were defined, and results confirmed previous sampling.

Modelling of GSC aeromagnetic data is reported. It provides evidence (demagnetized zone) for a plumbing system located in the vicinity of KSL's major soil gold geochemical anomaly.

An interesting gossanous breccia has been sampled in an old costean but carries only very minor gold (less than 0.2 g/t) with enhanced arsenic and antimony. The feature may be related to alteration causing a magnetic low in the district.

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1 INTRODUCTION

This Assessment Report on the contiguous KLONDIKE, BEAR, ACT, GAP, GIT, IF, NUG, BOBO & WEDGE Claim Blocks, NTS 115-O-14 (Grand Forks) refers to work carried out during the 2002 Field season, largely in August and presents the results thereof. In addition, there is a summary geophysical interpretation report and 8 figures based on magnetic modelling of the GSC Year 2000 airborne geophysical survey data by Dr. Peter Gunn.

1.1 Location and Tenements

This large block of claims is located southwest of Dawson City, in the northwestern sector of the Klondike Goldfield (Figure 1). The 451 claims block is the central core of what was previously a much larget claim block (cf. Adamson and Thomas, 2001 and 2002). The current claims extend from Upper Bonanza Creek to the headwaters of Bear, Last Chance and Independent Creeks.

Table 1 is a Schedule of the Claims which are the subject of this report. Times of relevant renewal applications were:

- Bobo claims - end September/early October, 2002
- Wedge claims - July, 2002
- Klondike, Bear, ACT, GAP, GIT, IF and NUG - December, 2002

Enclosure 1 is a 1:50,000 scale plan of the claim boundaries based on a GPS survey of the Klondike, Bear and Wedge claim blocks and GPS positioning of posts on the other claim blocks.

1.2 Klondike Source - Pacrim Resource Joint Venture

Klondike Source Limited (KSL), an unlisted Australian public company, wholly owns a Yukon-registered subsidiary KSL Exploration (Yukon) Limited (KSL Yukon). The latter company is the holder and Operator of a Joint Venture with the Canadian company Pacrim Resources Limited (Pacrim, previously Barramundi Gold Limited). Pacrim has applied for listing on the TSX Ventures Exchange. The Joint Venture is currently conducted under a Heads of Agreement providing the right for KSL Yukon to earn a minimum 50% interest in the Claim groups which are the subject of this report.

This exploration project is referred to as the Klondike Source Project (KSP).

2 BACKGROUND

2.1 Historic Exploration

A previous KSP Assessment Report (Adamson and Thomas, 2002) provided a compilation (Enclosure 2, op. sit.) and summary of significant elements of previous exploration in the area of the current Claim blocks and surrounding district. Interested parties should refer to that report.

2.2 Project Exploration Concepts and Program

Previous Assessment reports (Adamson and Thomas, 2000, 2001) provide details and summaries of the Project exploration concepts and work carried out, with 2001 fieldwork reported in Adamson and Thomas, 2002. Figure 2 provides a summary of the regional geology and cartoon of the structural regime envisaged.

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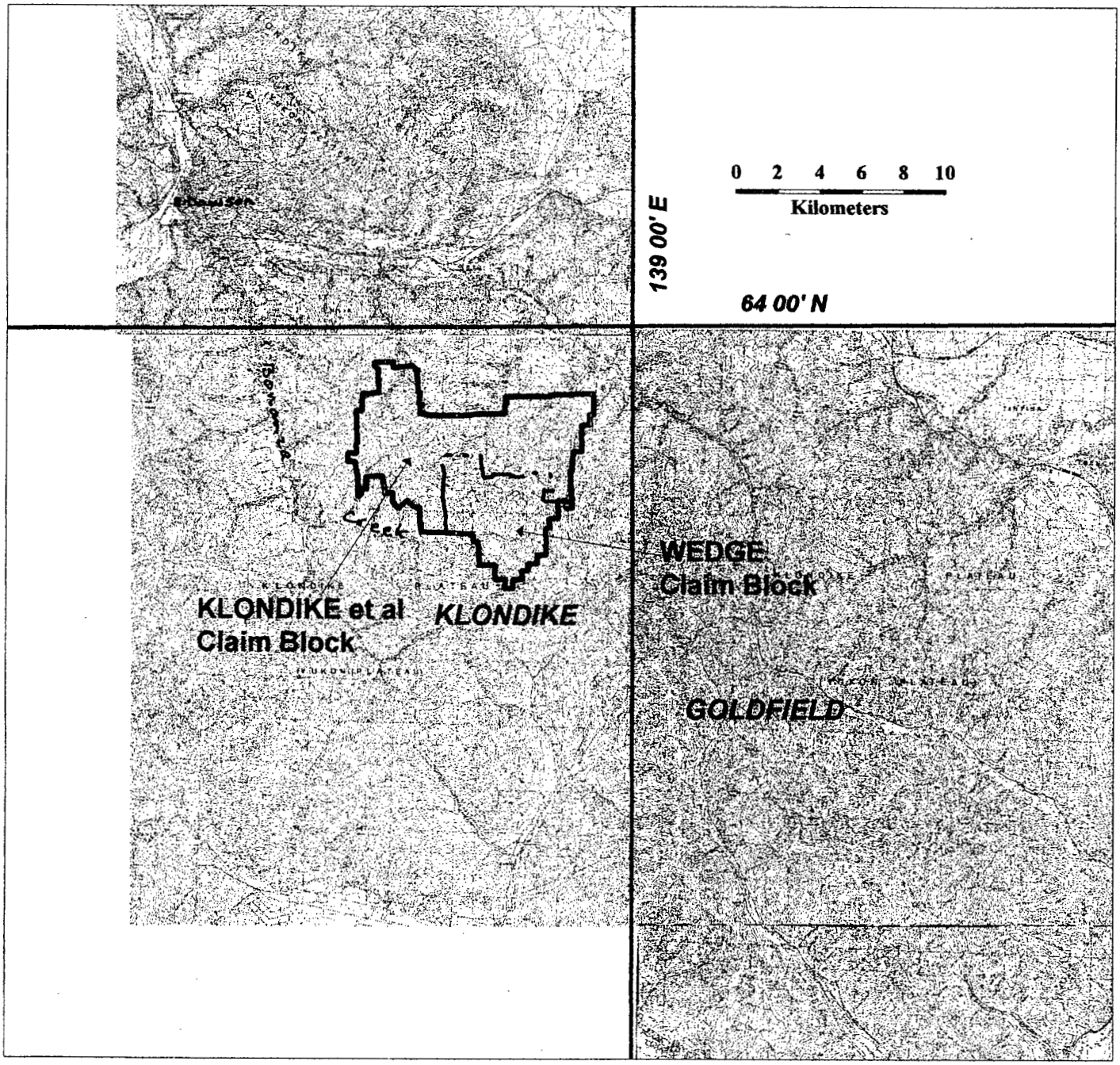
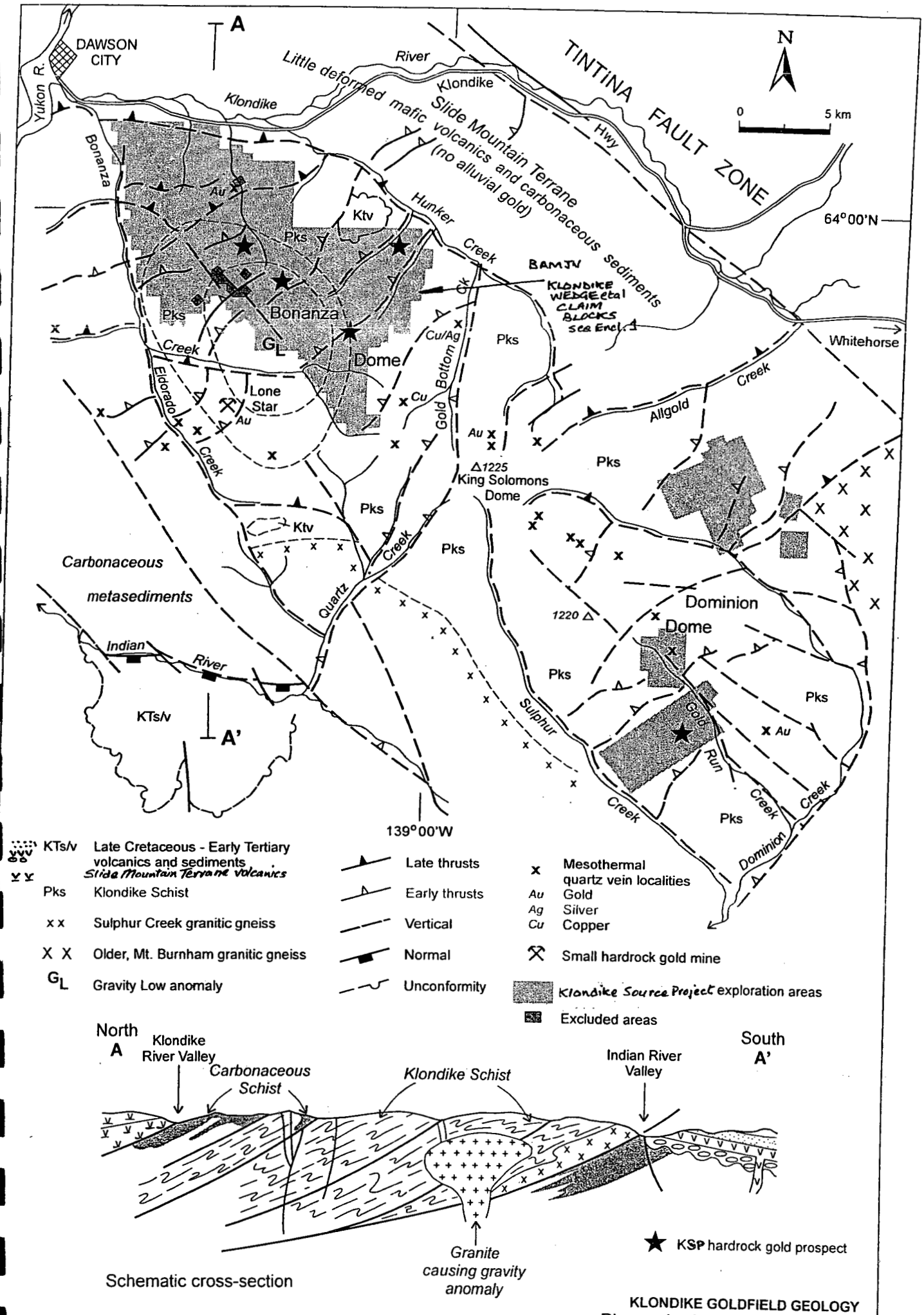
FIGURE 1

LOCATION MAP

Klondike Goldfield

Klondike, Bear, Wedge, et al
Claim Block





KLONDIKE GOLDFIELD GEOLOGY
Plan and schematic cross-section
Figure 2

TABLE 1: Claims List (continued)

Claim No.	Grant No.	No of Claims	Expiry Date*	Application for renewal to
IF Claims				
IF 1-2	YC 20711-YC 20712	2	18/06/2003	18/12/2003
IF 3-7	YC 20713-YC20717	5	18/12/2002	18/12/2003
Total Pacrim Claims		**390**		
Claims held by KSL Yukon on behalf of JV				
Gap 41-44	YC 20812- YC 20815	4	3/01/2003	3/01/2004
GIT 1-13	YC 20773-YC20785	13	3/07/2003	3/01/2004
NUG 1-12	YC 20816 – YC 20827	12	3/07/2003	3/01/2004
ACT 1-20	YC 20786 – YC20825	20	3/01/2003	3/01/2004
Bobo 1-4	YC 21097 – YC21100	4	28/09/2002	28/09/2003
Total Claims held by KSL Yukon on behalf of JV		**53**		
Total Claims		**443**		

3 AIRBORNE GEOPHYSICAL DATA INTERPRETATION

3.1 GSC Digital Data Acquisition

During 2002, KSL acquired a digital copy of the primary survey data of the Geological Survey of Canada's (GSC) 2000 airborne survey covering the northwestern sector of the Klondike Goldfield.

3.2 Interpretation

Appendix I is a report on the interpretation of this geophysical data set.

The most important feature of the interpretation is the N to NNE-striking lineament in the vicinity of Last Chance Creek separating two major magnetic basement domains:

- An E-W structured domain to the west inferred to be a magnetic granitic batholith which probably extends to west of Upper Bonanza Creek.
- A strongly NE-SW striking domain to the southeast, which is reflected in the parallel strike of Hester, Independent and Gold Bottom Creeks.

A granodiorite dyke with a marginal biotite hornfels found in 2001 fieldwork in the environs of lower Pure Gold Creek could be an apophysis of the western granitoid. A sample from this dyke collected by the Yukon Geology Program is in the pipeline for age-dating at the Geology Department of the University of British Columbia.

The significance of this inferred NNE-striking structure is:

- The location of adjacent magnetic lows, indicative of magnetite destruction, with related clusters of soil geochemical anomalies.
- Analagous sub-parallel, more prominently NE-striking, lineaments/major faults in the Pogo district (e.g. Shaw River Fault) and inferred fracturing in the Fort Knox Goldfield district, north of Fairbanks.
- The likelihood of a major plutonic-related mineralising system being located along a major deep structural boundary, particularly a structure at right angles to the Klondike's regional strike, i.e. the dominant "Tintina" NW-strike.

4 2002 FIELD GEOCHEMISTRY PROGRAM

4.1 Design and Location of Program

Due to budget constraints this program was limited in scope. A major prerequisite was to cover areas around previously defined anomalies (Enclosure 5, Adamson and Thomas, 2002) in order to retain a substantial landholding prior to drill-testing these anomalies.

Figures 3 and 4 show the location of seven lines (Numbers 102 to 108) along which 139 samples were collected, with MMI anomalies for gold and silver respectively shown.

4.2 Survey Procedures and Presentation

4.2.1 Survey Procedures

It was decided to carry out the survey at 50m sample intervals and to confine analyses to MMI Digest B for Au, Ag, Ni, Pd and Co. It was concluded that the "orientation-type" survey had shown little correlation of MMI gold and silver anomalies with gold pathfinder elements (arsenic, antimony, tellurium) or with bismuth, an inferred Tintina Gold Belt pathfinder.

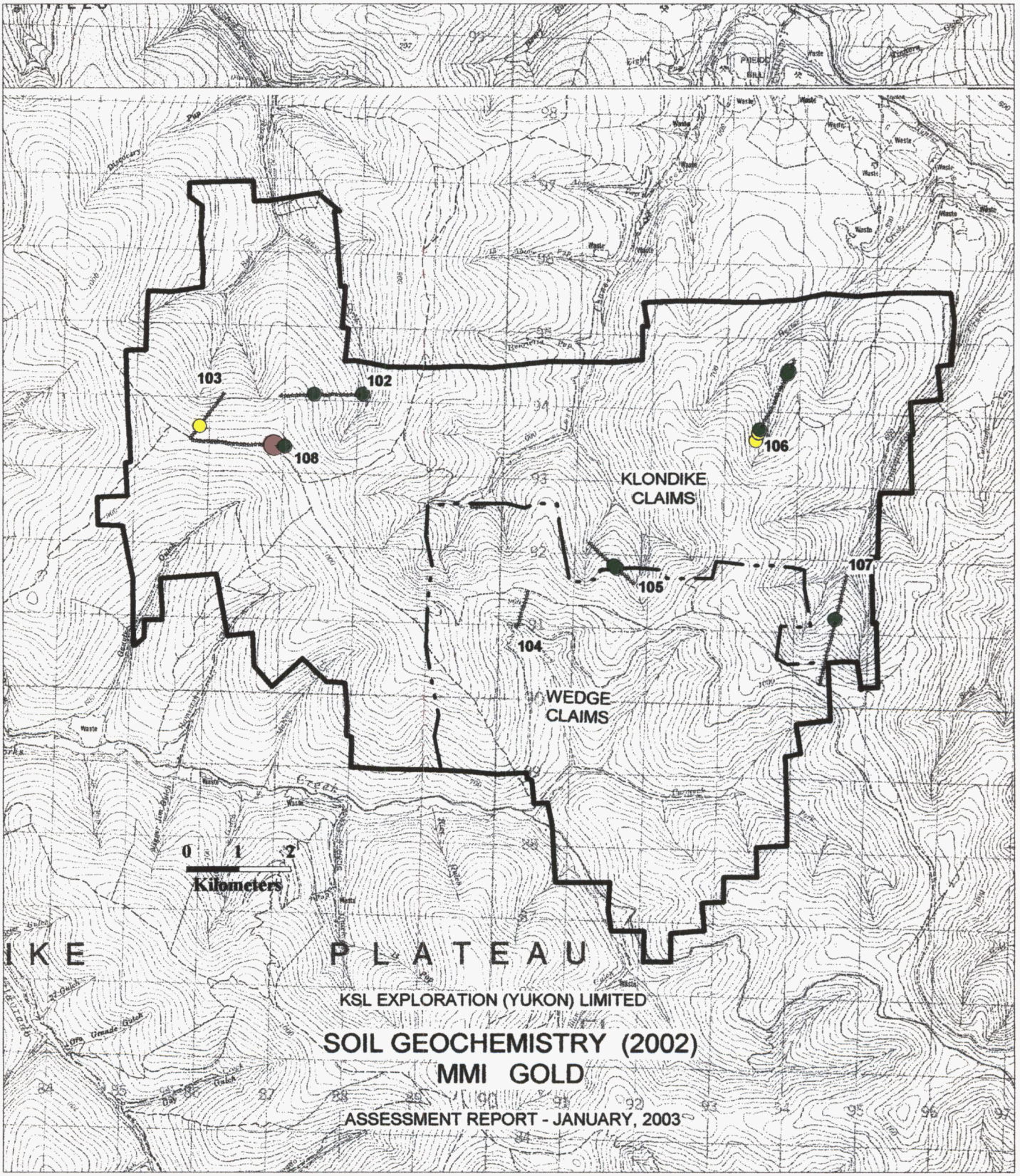
It should be noted that ,due to cost constraints, it was necessary to take advantage of much lower MMI analytical costs at ALS-Chemex's Perth, Australia, laboratory, rather than use XRAL Laboratories of Toronto.

It was decided to undertake some parallel, limited -80 mesh soil sampling. This was confined mainly to lines along ridge crests where a suitable "B" horizon is more commonly present. Samples were collected unsieved, and air dried but remain to be assayed.

Field check samples were collected for every tenth sample, then numbered in sequence following the last sample of each traverse. On a routine basis ALS-Chemex Laboratories performed repeat MMI analyses at 12 to 16 sample intervals.

Field log sheets were utilised to record sample identity together with potentially relevant data on topography, soil conditions and identified rock fragments. All data was entered to a Soil Geochemistry Sample and Assay Ledger compiled in Excel 97 spreadsheet format.

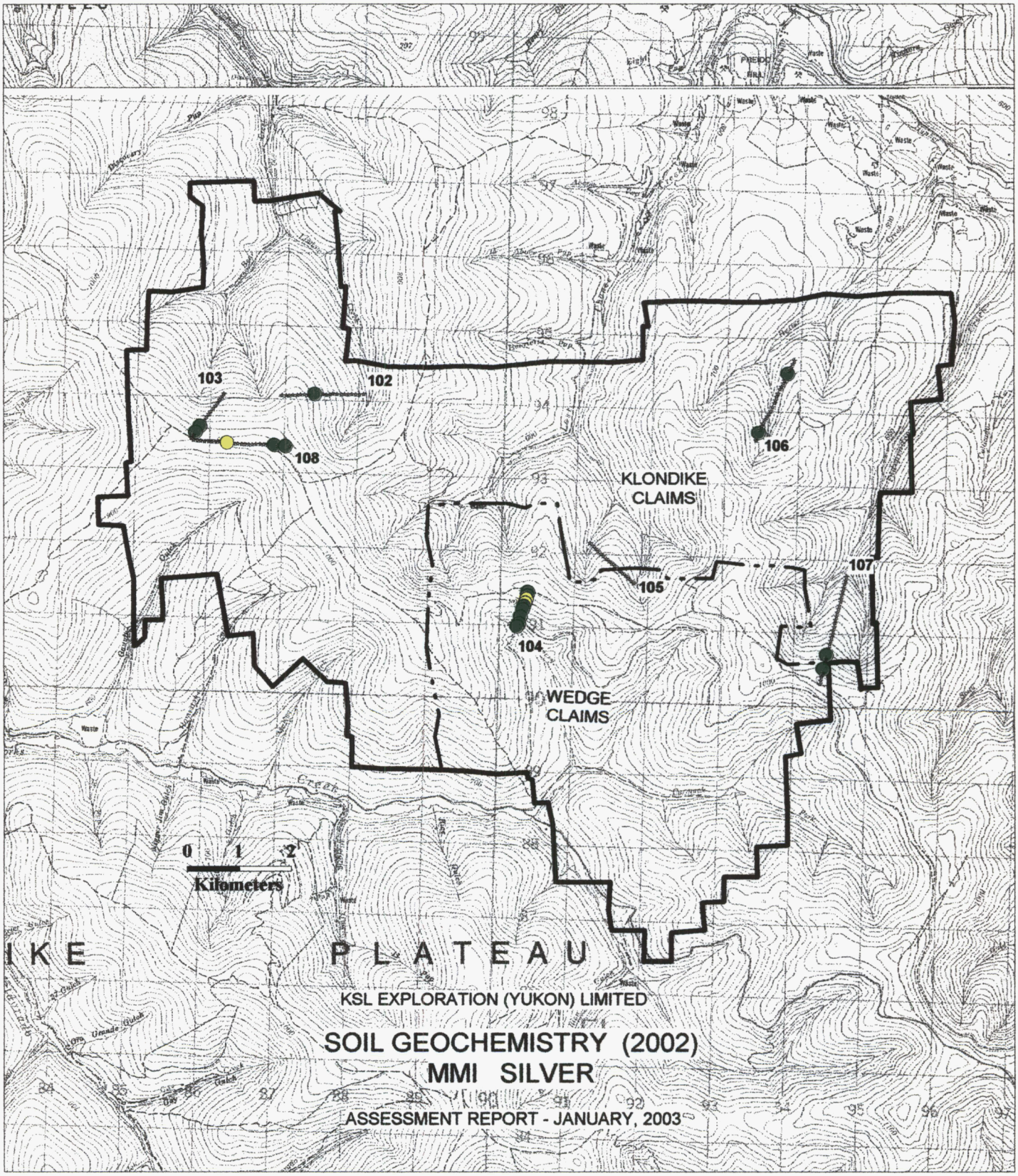
All sampling was carried out under the supervision of Peter Ledwidge, a Dawson-based geologist of over 10 years experience, who was trained in the MMI sampling methodology by consultant Dr. R. Birrell. The rock fragment nomenclature applied by Ledwidge was that which had been developed by KSL senior consultants in the course of field mapping during the 1999 and 2000 field seasons.



MMI GEOCHEMISTRY 2002
GOLD Response Ratios

20 to 115	(2)
10 to 20	(3)
5 to 10	(12)
all others	(225)

FIGURE 3



MMI GEOCHEMISTRY 2002
SILVER Response Ratios

- 10 to 15 (4)
- 5 to 10 (17)
- all others (221)

FIGURE 4

Sample positions were captured in the field as waypoint data in UTM coordinates using Garmin and Magellan GPS instruments. Following the US Government's removal of Selective Availability from GPS signals on 1 May 2000, fix accuracy and point recovery was tested and found to be +/- 2m in the Klondike Hills. GPS waypoint data were downloaded to computer files and incorporated into the Soil Geochemistry Sample and Assay Ledger.

As well as Certificates of Analysis (Appendix IV) the laboratory supplied all analyses in digital form. The digital assay data was incorporated into the Soil Geochemistry Sample and Assay Ledger.

A printout of the entire 2002 Soil Geochemistry Sample and Assay Ledger is appended (Appendix II).

4.2.2 MMI Data Presentation –80 Mesh

To maximize the benefits from MMI analytical data, MMI Technology recommend that a background value be determined for each element, then a peak to background ratio (the "response ratio" or "RR") may be calculated for each element in each sample.

MMI Technology recommend use of response ratios to:

- reduce the effects of dissolution variables during extraction, e.g. time and temperature;
- allow splicing of different data batches or data from varying regolith situations;
- reduce the effects of sampling in different regolith units; and
- facilitate multi-element data presentations for interpretation.

Determining the Background:

- For each element, determine the lowest (25%) of the data for all the samples analysed in the survey area.
- Values less than the detection limit are included in the dataset by substituting a value of half the detection limit.
- After determining the lowest quartile of the dataset, the average of those values is the BACKGROUND value for that element within that specific survey area.

Calculating MMI Response Ratios:

- Response ratios are calculated by dividing each sample value by the BACKGROUND value determined for that element. Results are rounded to whole numbers.

MMI Technology consider that a sample with a response ratio of 2 or less, is low and is a background sample. Samples with response ratios greater than 5 may be significant depending upon the regolith/landform characteristics of the area and the sample spacing. Due to the contrast inherent in the MMI technique, response ratios in general need to be greater than 2-5 times background before being considered "anomalous".

Using simple Excel procedures, background values for specific prospect areas were determined and the response ratios calculated for each of the elements reported by MMI analysis. Response ratios (R/R) for each traverse have been plotted as separate bar charts for:

Gold and silver	(Side-by-side bar charts)
Cobalt, nickel and palladium	(Composite bar charts)

Bar charts for MMI Response Ratios for Au & Ag, and Co, Ni & Pd for each traverse are presented in Appendix III.

Response Ratio data was then imported to MapInfo tables for statistical analysis, location and plan plotting of anomalous data onto NTS map sheet raster images. A plan showing location of the MMI gold anomalies is presented as Figure 3.

4.2.3 Discussion of Results

Although this program was limited there was a clear objective in the positioning of lines with regard to previous surveys. The following comments may be of interest:

Lines 102 and 103: were a continuation of testing in the vicinity of Anomaly/Prospect B defined in Year 2000 which resulted in similar inconclusive results; the headwaters of Bear Creek do not produce the same consistently anomalous gold results seen in the similar terrain of Last Chance Creek (defined as Anomaly/Prospect A)

Line 108: filled a gap in easily accessible surveys along the ridge-located Heritage Trail. The eastern end of the line produced an excellent two station MMI gold anomaly coincident with a previous Arbor 80# soil gold geochemical anomaly (Grunenberg, 1989).

Line 104: tested a steep, south-facing, ridge on the southern side of Anomaly A (Enclosure 5, Adamson and Thomas, 2002). The results were disappointing: consistent silver anomalism may indicate a silver zoning (Figure 4, this report) distal to gold centred to the north.

Line 105: tested across a ridge in the left fork district of Upper Last Chance Creek with low gold anomalism on the ridge coincident with previous anomalies of similar intensity (line 86, Enclosure 5, op. sit.)

Line 106: was an infill line in Anomaly C in the headwaters of Hester Creek. Low-order gold anomalies at the en of the line correlated with previously defined anomalies of similar magnitude.

Line 107: was the first line surveyed in the headwaters of Independent Creek. The results were not encouraging.

5 STRUCTURAL GEOLOGY INTERPRETATION

5.1 Location of Arbor Costeans

Two costeans occur on the northeastern side of the Heritage Trail, within the uppermost part of the Bear Creek drainage basin and close to the eastern end of MMI Line 108 (Enclosure 2).

GPS surveying of Line 108 in 2002 provided the opportunity to accurately locate these costeans and measure the strike and dip of quartz mica schist exposures. In addition, a gossanous breccia at the eastern end of the costeans was re-sampled and assayed. The new assays confirmed previous (2001) assays showing very minor gold anomalism (168 ppb) with arsenic (1470 ppm) and antimony (6 ppm) (Sample PL 2002-06, Appendix V).

The breccia is of interest because it occurs in the centre of the prominent magnetic low (Appendix I, Figure 2) and is undeformed. It could well represent the surface signature of the relatively narrow vertical structure modelled by Gunn (Appendix 1 of this report, Figure 5). It is reasonable to consider therefore that this magnetic low may be a late-stage, post-gold

mineralisation, alteration feature and perhaps related to some of the widespread pyritisation of the Klondike Schist (e.g. the tan schists of Mortensen, 1966).

5.2 Structural Data

Enclosure 2 is a plan of KSL's A and B prospects with the location of the costeans, assayed breccia, and structural information including photogeological data.

The new data from the costeans provides support for the inferred NW-dipping thrusts in the vicinity of the prospects.

We have no field data for the strike extent of the breccia. However it is inferred at present to be a N-S trending structure parallel to the topographic contours because it is located on a sharp break of contour which is more clearly apparent in the field than on the 1:50,000 map sheet.

REFERENCES:

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KSL Exploration (Yukon) Limited

Claims Renewals

KLONDIKE, BEAR, ACT, GAP, GIT, IF, NUG, BOBO & WEDGE CLAIM BLOCKS

NTS 115 – 0/14

Expenditure Statement

1. Field Exploration Surveys

(Geology, geochemical sampling, GPS: 2002/08/27 – 2002/09/06)

1.1	**Field Personnel**			
	A & P Ledwidge			
	(Doyle Gold Consulting)	8 days @	$825/day*	$6,600
1.2	**Planning and Reporting**			
	(R.G. Adamson and C.M. Thomas)	2.5 days @	$700/day	$1,750

2. Geophysical Modelling and Interpretation

2.1	**Acquisition of digital data**		$1,518	
2.2	**Interpretation, modelling:**			
	(P. Gunn	5 days @ $700/day	$3,500	$5,018

3. Analytical Costs

139 samples	@ $20/ sample	$2,780	
Freight costs		$137	$2,917
			$16,285

- Doyle Gold Consulting fixed price/day includes geologists daily rate, vehicle rental; and fuel, insurance and communications.

Signed and certified

C.M. Thomas

Director 28/01/03

094356

KSL Exploration (Yukon) Limited

AUTHORS' PROFESSIONAL STATEMENTS

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I, **Robert Gerard Adamson** declare that I am co-author of the report entitled "Assessment Report for Renewal of Klondike, Bear and Wedge Claims, Bonanza Creek District, NTS 115-O-14 and 116-B-03, Dawson Mining District" dated June, 2001.

My professional experience comprises some thirty years in the practice of economic geology in a range of precious and base metal deposit types. I have worked primarily in Australia, New Zealand, southern Africa and northern Canada in a variety of senior professional and management positions with major mining houses, private and stock exchange listed companies. Since 1994 I have been practising as an independent consultant in economic geology.

I hold the degrees of BSc and MSc (First Class Honours in Geology).
I am a Member of the Australasian Institute of Mining & Metallurgy (30 years membership) and of the Mining Industry Consultants Association (Australia) (6 years membership).
I was admitted to the status of Chartered Practising Geologist (AusIMM) in February 2000.

January 22, 2003 Signed

.....

KSL Exploration (Yukon) Limited

Colin M. Thomas, B.Sc.(Hons)

*trading as **Poduta Pty Limited**, ABN 97 087 891 325*
and Director of RobSearch Australia Pty Limited,
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I, **Colin Maguire Thomas** declare that I am co-author of the report entitled "Assessment Report for Renewal of Klondike, Bear and Wedge Claims, Bonanza Creek District, NTS 115-O-14 and 116-B-03, Dawson Mining District" dated June 2001.

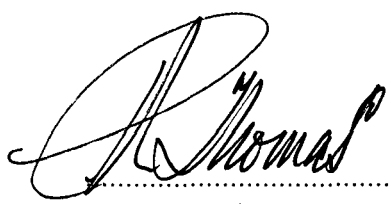
I graduated with 2nd Class (Div.1) Honours in Geology from the University of St Andrews, Scotland in 1960.

I have 40 years professional experience, initially (1961-1970) with the Tanzania and Botswana Geological Surveys, and since then as staff geologist and chief minerals geologist with Robertson Research Australia and its successor company RobSearch Australia Pty Limited.

I have specialised in regional and district geological studies for precious and base metals, uranium and diamonds. I have undertaken consulting assignments for mining and exploration companies throughout Australia, New Zealand, Indonesia, Iran, India and several African Countries.

I am a founding Director of Klondike Source Limited.

Signed



C M Thomas

January 22, 2003

APPENDIX I

INTERPRETATION OF AIRBORNE GEOPHYSICAL DATA OVER KLONDIKE SOURCE LIMITED CLAIMS, KLONDIKE AREA, YUKON TERRITORY CANADA

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October 2002

Figure 4 is showing a regional interpretation of the magnetic data. The intense magnetic anomalies to the east of the transfer fault zone are believed to be due to ultramafic rocks. These appear to be underlain by a batholith-type feature.

Several magnetic lows can be noted in the data. Modellings of two of these features are shown in Figures 5 and 6. The magnetic low modelled in Figure 5 is considered to be most significant because, as is shown in the PDF report, gold geochemical anomalies cluster around this feature that correlates with outcrops of breccia containing gold values. The source of the magnetic low is considered to be a late stage non-magnetic intrusion or a zone of magnetite destruction due to alteration or a combination of these factors. The intense magnetic low that has been modelled in Figure 6 can only be explained by the presence of remanent magnetisation and therefore must be due to a different type of body.

Various linear magnetic lows occur to the east of the transfer fault. These are interpreted as being due to reversely magnetised dykes. Offsets in these dykes seem to occur along linear zones. These linear zones of offsets have been interpreted as faults.

Various studies were made of the radiometric data. This included examining ratios of radioelement concentrations. Radioelements concentrations and their ratios often provide good mappings of geology and indicate alteration associated with mineralising events. It was finally concluded that the responses in the area are mainly indicating radioelement variations reflecting weathering effects. Figure 8 is demonstrating this effect where the highest potassium values correlate almost perfectly with the axes of ridges.

4. CONCLUDING REMARKS

As shown in the PDF document, the magnetic low modelled in Figure 5 is surrounded by a cluster of gold and arsenic soil geochemical anomalies. The magnetic low is located at a topographic high point from where much of the alluvial gold was probably eroded. Modelling of the magnetic data shows that several hundred metres of schists exist in this area above a granitic basement. Uneroded horizontal shear gold lodes could occur in the schists. The magnetic data is indicating fault systems that could be related to these shears. Many gold deposits are located adjacent to major transfer fault zones such as the one interpreted next to the magnetic low. It is concluded that the magnetic low, wether caused by a non-magnetic intrusion or magnetite destruction caused by alteration, could be an indicator or an intrusive system that resulted in nearby gold deposition.

1. INTRODUCTION

This report describes an interpretation of airborne geophysical data in the context of evaluating the gold potential of the Klondike Source Limited claims in the area of the Klondike goldfields of the Yukon Territory of Canada. The results of this interpretation have been incorporated into a separate PDF document titled "Klondike Source Limited". The PDF document shows correlations of geology, topography, old workings and geochemistry with the geophysical interpretations. The conclusion of the PDF document is that the data is suggesting the possible existence of uneroded horizontal shear gold lodes clustered around a late stage intrusive system indicated by a magnetic low. The purpose of the present document is to elaborate on details behind the magnetic interpretations and the conclusions shown in the PDF document.

2. DATABASE AVAILABLE

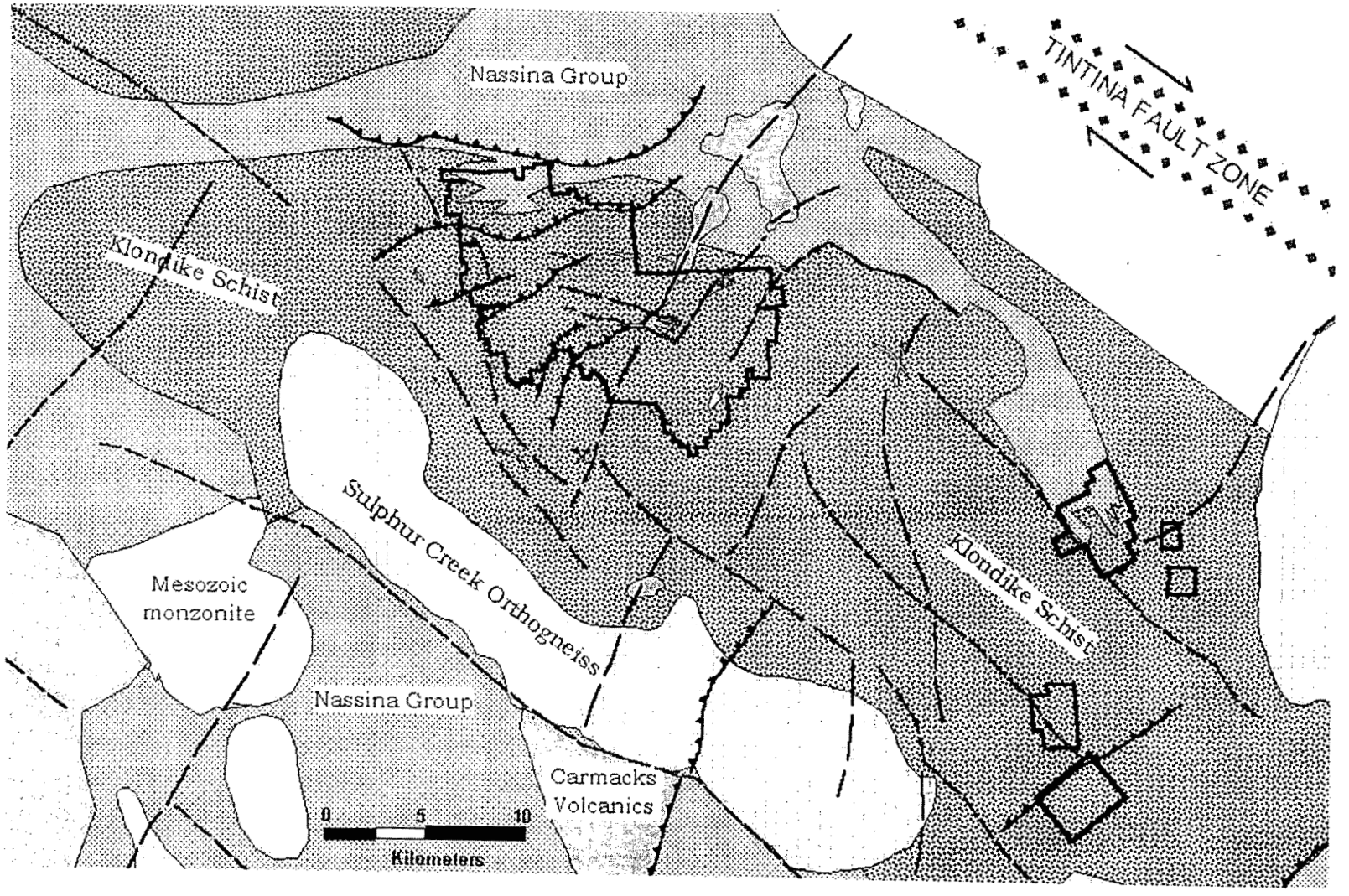
The airborne data available for the study was released by Geoscience Canada in 2001 and comprised aeromagnetic and radiometric data acquired on northeast trending flightlines, spaced at 500 metre intervals and draped 120 metres above the ground surface. Grids were provided for total magnetic intensity, the computed first vertical derivative of the total magnetic intensity and grids of equivalent potassium, thorium, and uranium concentrations as well as total radiometric count rates. Maps of these parameters were supplied however additional enhancements and presentations were made for the purposes of this study using ER Mapper software.

A digital elevation grid was also available.

3. INTERPRETATION OF THE DATA

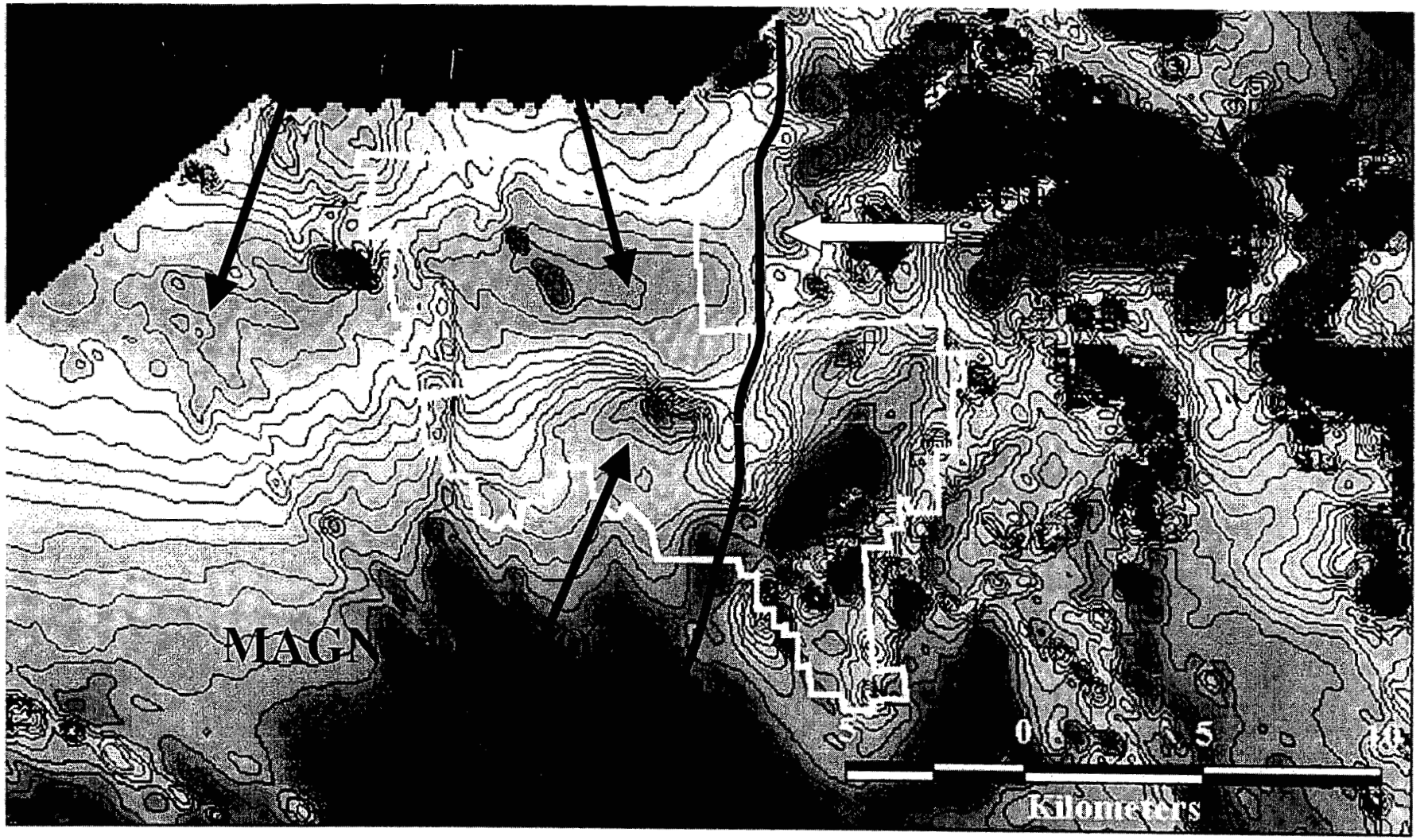
Figure 1 shows the geology in the area of the Klondike Source claims. It is noted that area of the claims is covered by schists.

Figure 2 shows an image and contours of the total magnetic intensity over the main area of the Klondike Source claims. A major north trending discontinuity, identified as a transfer fault zone crosses the area of the claim block. The transfer fault zone is likely to be composed of a series of anastomosing faults. This fault zone appears to have different basement geology on either side. The broad magnetic high on the western side is interpreted as being due to a magnetic batholith beneath the schists. The form of the top of this batholith has been modelled as shown in Figure 5. The gravity data of Figure 3 appears to be confirming the existence of the transfer fault zone. Two small outcrops of granodiorite to the northwest of the Klondike Source claims appear to be a surface expression of this batholith. The vertical gradient data of Figure 7 is also indicating different basement lithologies on either side of the fault.



GEOLOGY IN VICINITY OF THE KSL CLAIMS

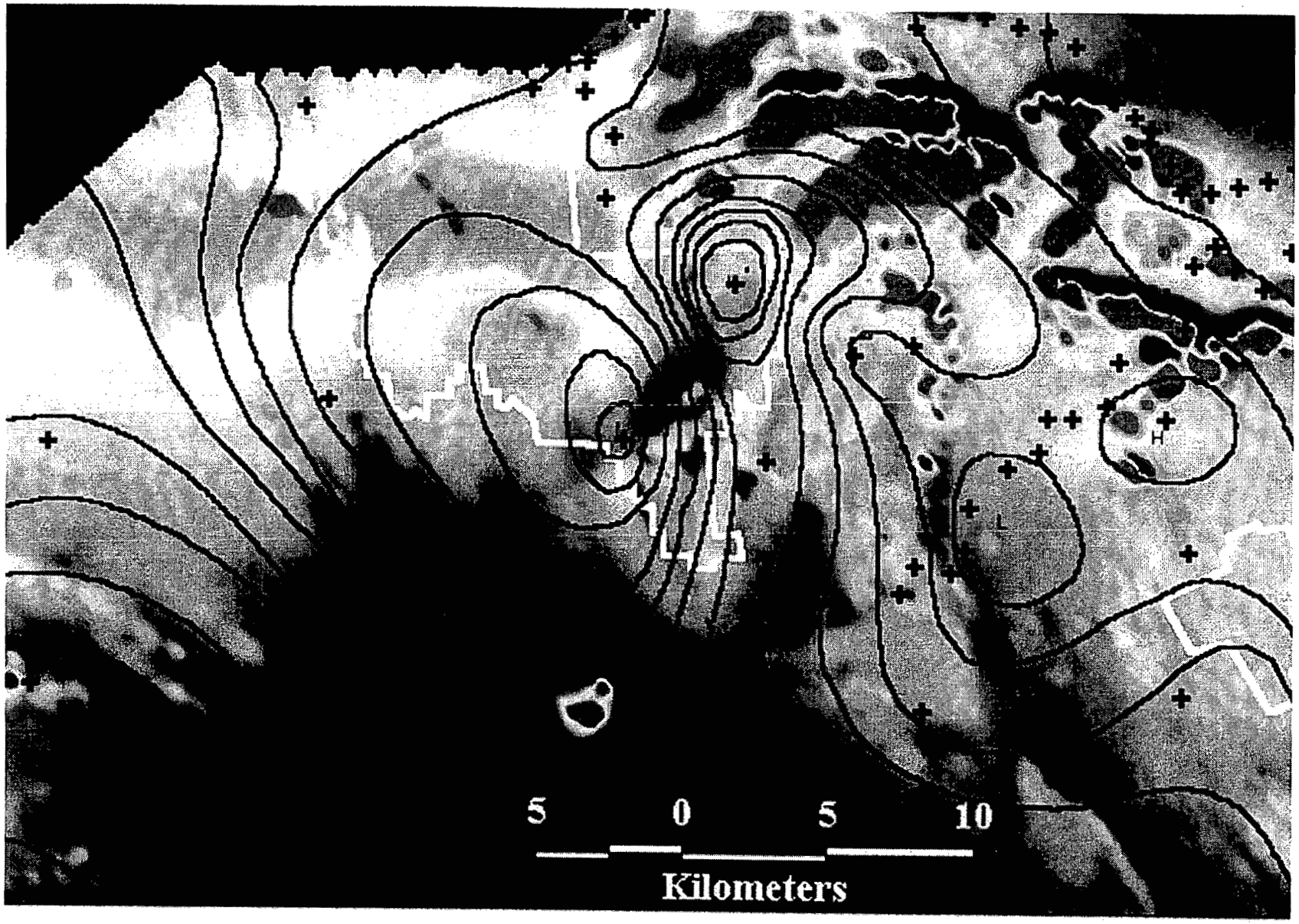
FIGURE 1



Magnetic intensity with 10 nanotesla contours

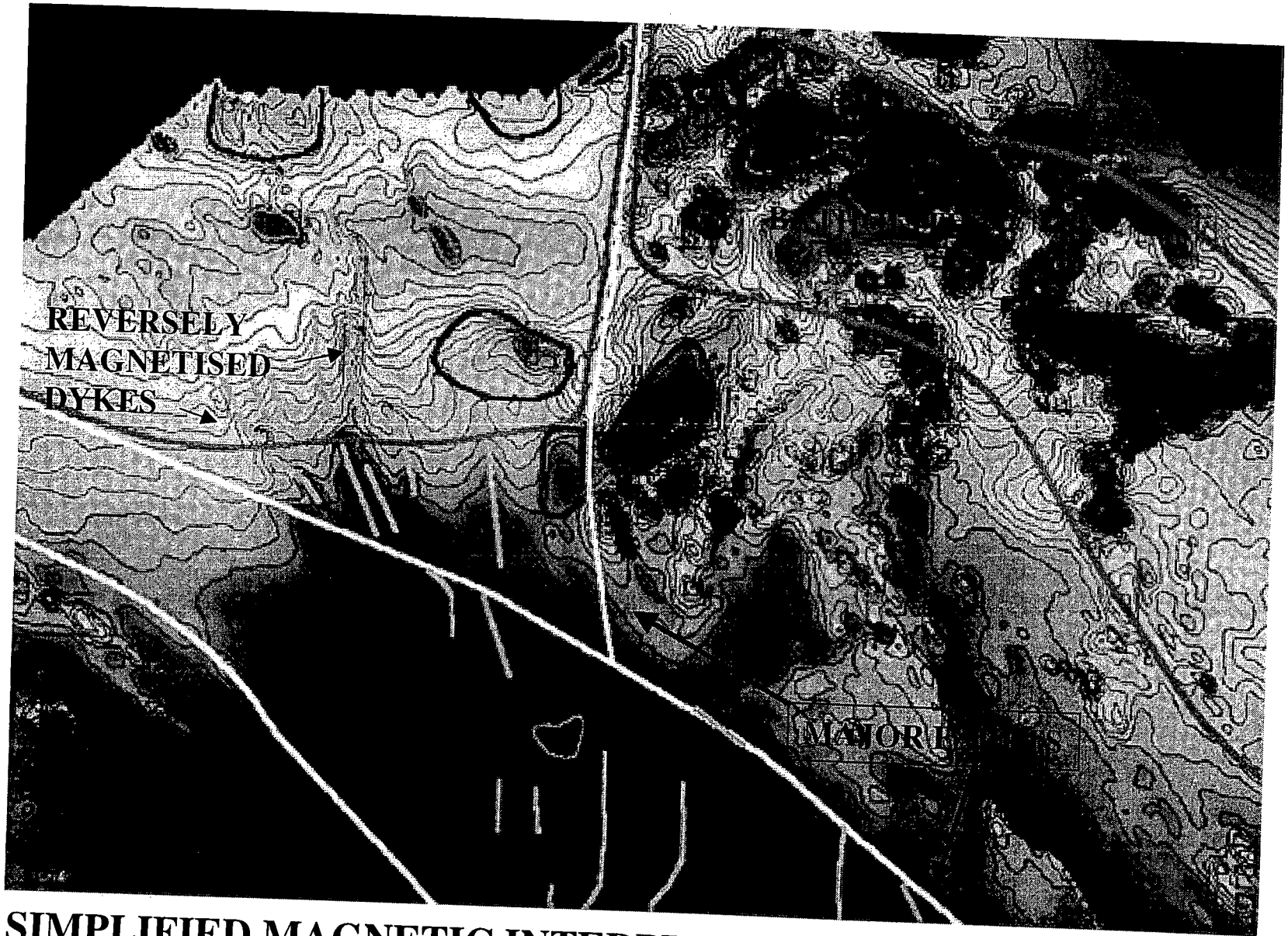
THE MAGNETIC LOW IS INTERPRETED AS INDICATING AN INTRUSION INTO A LARGER, EARLIER, MAGNETIC BATHOLITH

FIGURE 2

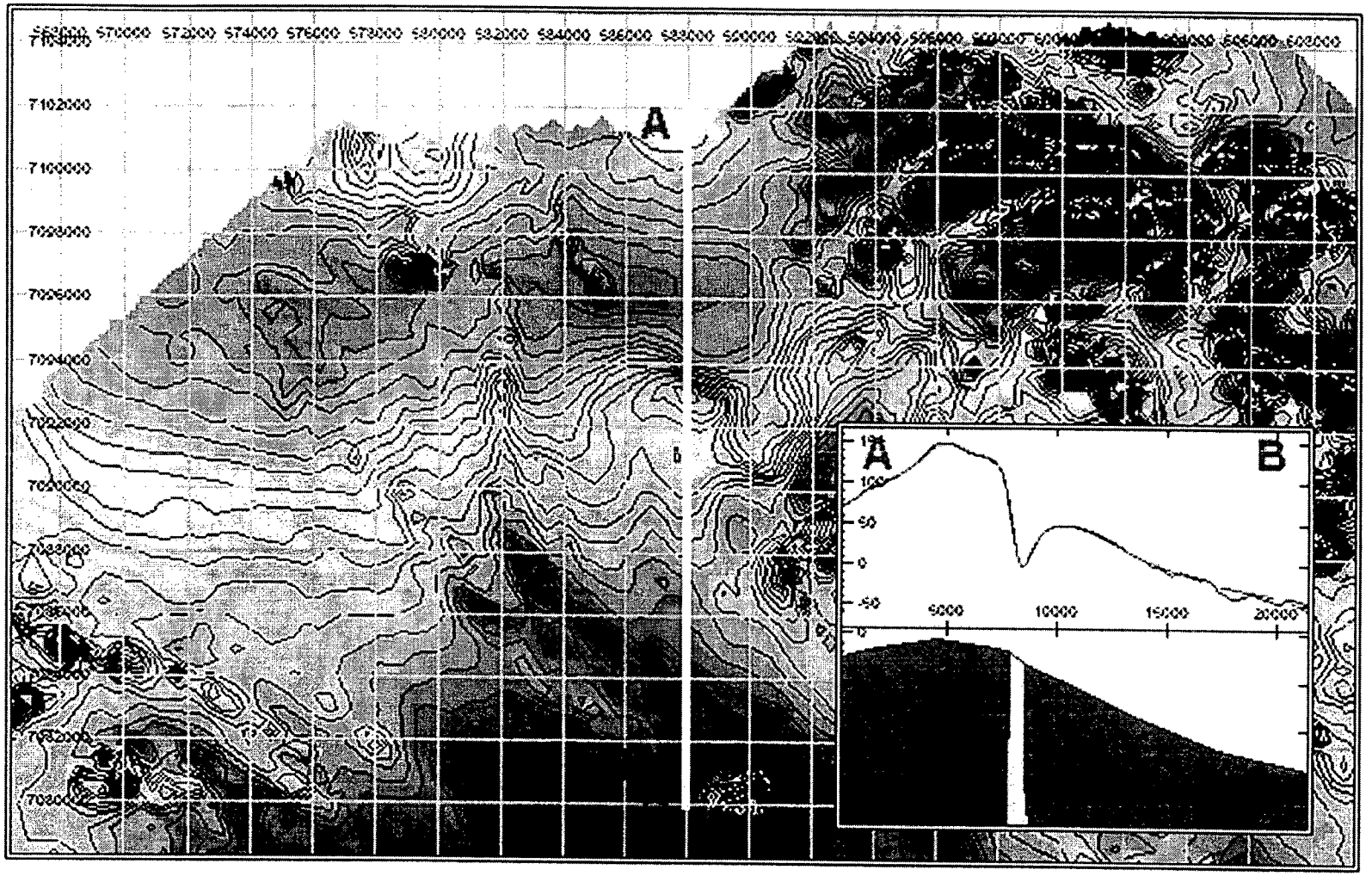


2 MILLIGAL GRAVITY CONTOURS

FIGURE 3

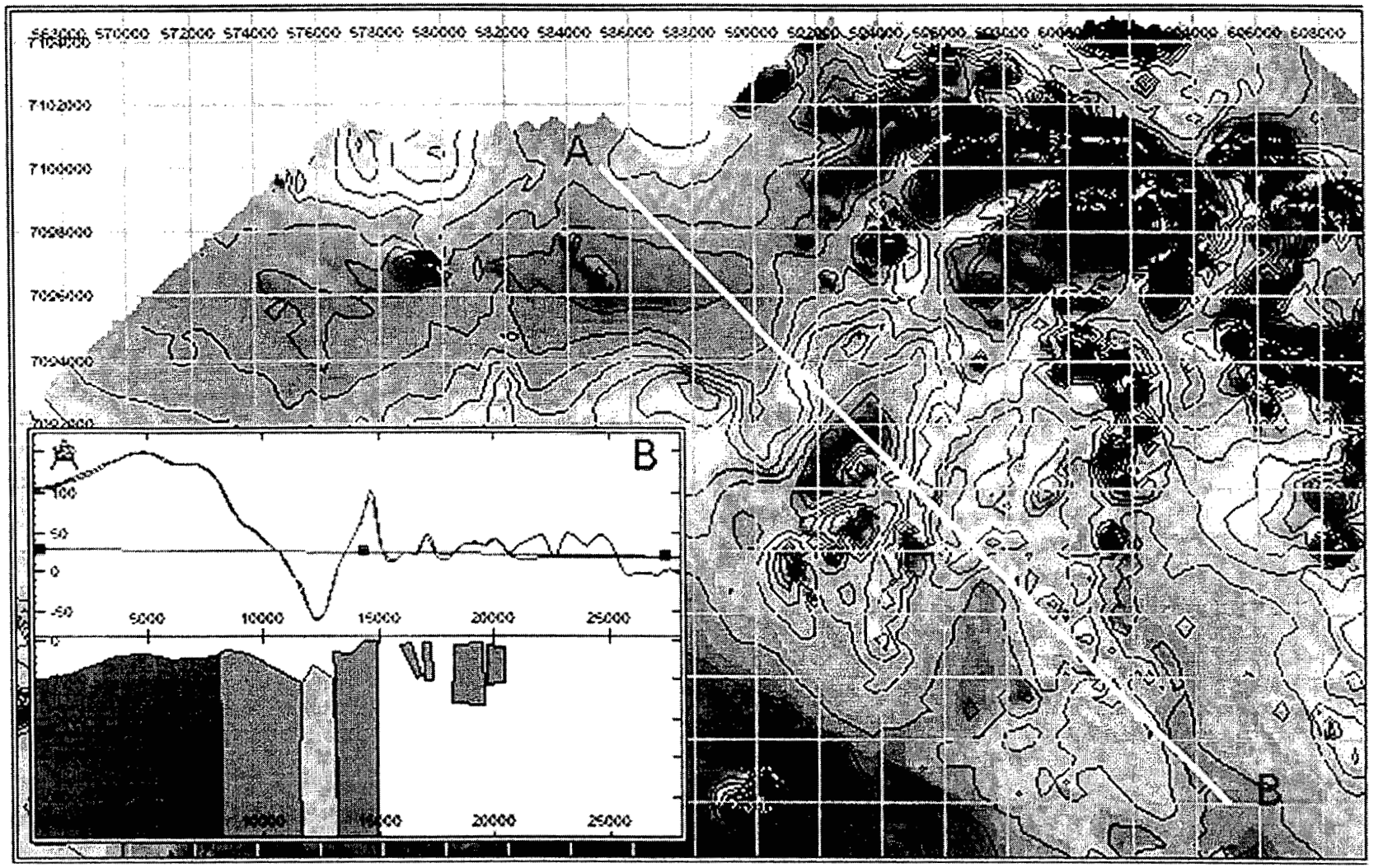


SIMPLIFIED MAGNETIC INTERPRETATION **FIGURE 4**
INTRUSIONS CAUSING MAGNETIC LOWS OUTLINED IN BLACK



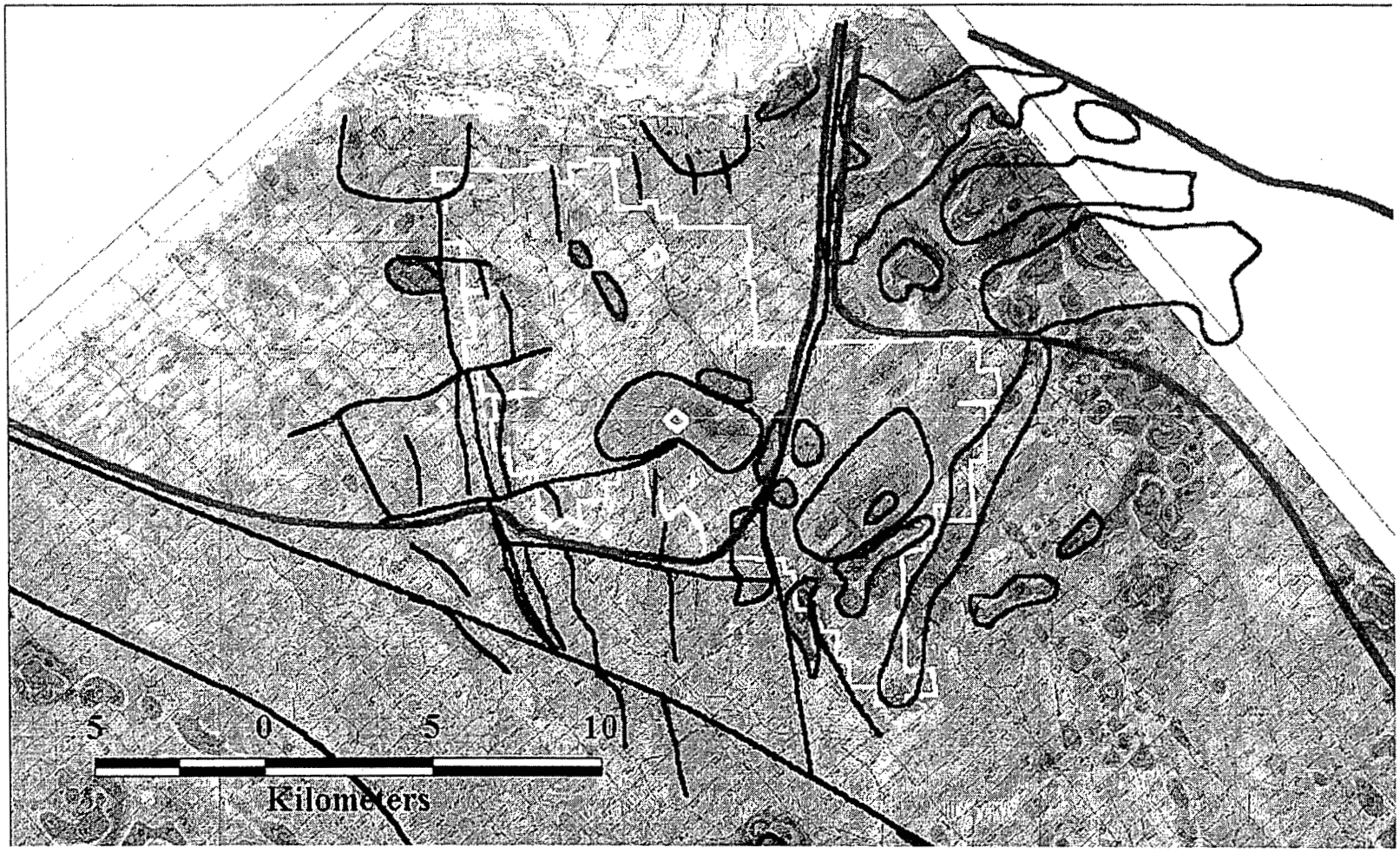
THE MAGNETIC LOW MODELS AS A NON-MAGNETIC BODY WITHIN A MAGNETIC BATHOLITH. THE TOP OF THE NON-MAGNETIC BODY IS OF THE ORDER OF 300 METRES BELOW THE SURFACE.

FIGURE 5



THE GREY BODY CAN ONLY BE MODELLED BY ASSUMING REVERSE MAGNETISATION

FIGURE 6



GEOSCIENCE CANADA VERTICAL DERIVATIVE MAP WITH SUPERIMPOSED INTERPRETATION

FIGURE 7

CORRELATION OF HIGH POTASSIUM VALUES AND RIDGES

FIGURE 8

APPENDIX II

ABBREVIATIONS FOR GEOCHEMICAL & GEOLOGICAL NOTATIONS

	LAND FORM
F	Flat
S	0-5 deg slope
S+	5-10 deg slope
S++	>10 deg slope
R	Ridge top
V	Valley floor

	STATE
W	Wet
f	Frozen
pf	Partly frozen
org	Organic, roots etc.
sk	Skeletal
a	a-horizon
b	b-horizon
c	c-horizon

	COLOUR
o	Orange
y	Yellow
r	Red
b	Brown
g	Grey
blk	Black

	OTHER
n/s	no sample
n/a	not applicable

	SOIL COMPOSITION
cl	clayey
si	silty
s	sandy
gr	gritty
gv	gravelly
r fg	rock fragments

	ROCKS
s	schist
qte	quartzite
por	porphyry
gd	granodiorite
q	quartz
f	feldspar
m	muscovite
ser	sericite
b	biotite
c	chlorite
p	pyrite
carb	carbonaceous
qv	vein quartz
met	metamorphic
meso	mesothermal
ox	oxidised
lim	limonitic
hem	hematitic
mt	magnetire
tr	trace
ptly	partly

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE K102 MMI		GRAND FORKS 1:50,000 115 O/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Sep 3/02			By: AL PL							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
	K4145	588083.7	7094093	708	s++	30		yb	gv,si,cl	qte,ser	secondary sil		0.4	9.84	20	-0.1	3.6
	K4146	588029.5	7094088		s++	30	sk	yb	gv,gr,si,cl	qte,ser,ox p	secondary sil		-0.1	3.58	8	-0.1	2.2
	K4147	587977.8	7094084		s++	30		yb	si,cl	qte,ser,ox p	secondary sil		-0.1	17.4	8	-0.1	1.7
	K4148	587927.4	7094089		s++	25		yb	si,cl	qv,ox p			-0.1	6.32	62	-0.1	14.7
	K4149	587872.7	7094083	777	s	30		gb	gr,gv,cl,si	qte with ser, carb qte			-0.1	16.4	52	-0.1	16.3
	K4150	587829.2	7094087		s++	35	org	yb	gr,cl,si	qte, ox p			-0.1	21.6	29	-0.1	3.7
	K4151	587780.3	7094078		s++	25		yb	gv,gr,cl,si	ox qte with blue q eyes			-0.1	18.2	30	-0.1	5.8
	K4152	587725.6	7094080		s++	35	org	yb,gb	gr,si,cl	qte with ser, ox p			-0.1	21.3	18	-0.1	0.6
	K4153	587667.6	7094085	821	s++	30	org	yb,b	gr,si,cl	qte with ser, carb s			-0.1	30.1	24	-0.1	3
	K4154	587626.9	7094075		s++	30	org	yb	gr,gr,si,cl	qms			-0.1	18.2	23	-0.1	2
	K4155	587580.3	7094066		s+	25		yb	gr,si,cl	qms, ox			-0.1	18.2	29	-0.1	7.1
	K4156	587532.8	7094075		s++	20		yb	gr,si,cl	qms, ox p			-0.1	16.7	22	-0.1	2.4
	K4157	587480.4	7094069	898	s+	25		yb	gr,si,cl	qms			0.2	32.3	113	0.1	11.6
	K4158	587425.5	7094074		s+	15		yb	gv,gr,si,cl	qms ox			0.4	31.3	448	0.3	21.3
	K4159	587374	7094066		s+	25	org	yb	gv,gr,si,cl	qte ser, blue q eyes			0.1	15	88	0.3	4
	K4160	587329.4	7094063		s+	20		yb	gv,gr,si,cl	qte, sil + lim; ser q ksp s	intrusive		-0.1	5.22	16	-0.1	5.7
	K4161	587277.6	7094064	918	s++	25		b	gv,gr,si,cl	qte ser			-0.1	4.41	12	-0.1	3.2
	K4162	587230.5	7094065		s+	25		yb	gv,gr,cl,si	q ser s			-0.1	4.4	16	-0.1	1.5
	K4163	587182.4	7094057		s	25		gb	gv,gr,si,cl	qte ser, ox p, blue q eyes	intrusive		-0.1	6.54	12	0.1	4.6
	K4164	587124.2	7094058		s	30	org	yb	gv,gr,si,cl	qte ser			-0.1	3.15	11	-0.1	7.4
	K4165	587075.6	7094047	950	s	20		ob	gv,gr,si,cl	qte ser, ox p			-0.1	1.7	31	0.2	7.8
	K4166	587030.1	7094050		s+	25		ob	gv,gr,si,cl	qte ser, ox p			-0.1	3.49	12	-0.1	2.8
	K4167	586978.2	7094046	945	s++	25		yb	gr,s,si	qte ser, ox p			0.2	11.9	23	0.2	4.9
	K4151												-0.1	18.2	30	-0.1	5.8
Ch:K4151													-0.1	19.5	33	-0.1	6.2
	K4161												-0.1	4.41	12	-0.1	3.2
Ch:K4161													-0.1	4.76	14	-0.1	3.2

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Au
TRAVERSE K102 (#80)		GRAND FORKS 1:50,000 115-0/14										Scheme Code
		Sampled: Sep 3/02			By:	AL, PL						Analysis Unit
		Sample Interval (m): 50										Detection Limit
K4145		588083.7	7094093	708	s++	30		yb	gv,si,cl	qte,ser	secondary sil	
K4146		588029.5	7094088		s++	30	sk	yb	gv,gr,si,cl	qte,ser,ox p	secondary sil	
K4147		587977.8	7094084		s++	35		yb	si,cl	qte,ser,ox p	secondary sil	
K4148		587927.4	7094089		s++	30		yb	si,cl	qv,ox p		
K4149		587872.7	7094083	777	s	35		gb	gr,gv,cl,si	qte with ser, carb qte		
K4150		587829.2	7094087		s++	35	org	yb	gr,cl,si	qte, ox p		
K4151		587780.3	7094078		s++	30		yb	gv,gr,cl,si	ox qte with blue q eyes		
K4152		587725.6	7094080		s++	35	org	yb,gb	gr,si,cl	qte with ser, ox p		
K4153		587667.6	7094085	821	s++	40	org	yb,b	gr,si,cl	qte with ser, carb s		
K4154		587626.9	7094075		s++	35	org	yb	gr,gr,si,cl	qms		
K4155		587580.3	7094066		s+	30		yb	gr,si,cl	qms, ox		
K4156		587532.8	7094075		s++	25		yb	gr,si,cl	qms, ox p		
K4157		587480.4	7094069	898	s+	25		yb	gr,si,cl	qms		
K4158		587425.5	7094074		s+	20		yb	gv,gr,si,cl	qms ox		
K4159		587374	7094066		s+	25	org	yb	gv,gr,si,cl	qte ser, blue q eyes		
K4160		587329.4	7094063		s+	25		yb	gv,gr,si,cl	qte, sil + lim; ser q ksp s	intrusive	
K4161		587277.6	7094064	918	s++	35		yb	gv,gr,si,cl	qte ser		
K4162		587230.5	7094065		s+	25		yb	gv,gr,cl,si	q ser s		
K4163		587182.4	7094057		s	30		yb	gv,gr,si,cl	qte ser, ox p, blue q eyes	intrusive	
K4164		587124.2	7094058		s	30	org	yb	gv,gr,si,cl	qte ser		
K4165		587075.6	7094047	950	s	25		ob	gv,gr,si,cl	qte ser, ox p		
K4166		587030.1	7094050		s+	25		ob	gv,gr,si,cl	qte ser, ox p		
K4167		586978.2	7094046	945	s++	25		yb	gr,s,si	qte ser, ox p		

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Au	Co	Ni	Pd	Ag
TRAVERSE K103 MMI		GRAND FORKS 1:50,000 115 O/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Aug 27/02			By:	AL PL						Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
	K4093	586185.7	7094054	890	s+	35	org	gb,b	si,cl				-0.1	15.9	15	0.2	2.1
	K4094	586164.2	7094012		s++	35	w	gb	s,si,cl				-0.1	12.6	41	0.3	0.2
	K4095	586129.6	7093970		s+	35	w,org	yb	gr,si,cl	qms			-0.1	30.1	31	0.4	0.5
	K4096	586103.4	7093929		s++	35	org	yb,b	gr,si,cl	qms			-0.1	27.6	18	0.5	-0.1
	K4097	586073.6	7093886	934	s++	35	pf,org	yb,b	si,cl				-0.1	16.8	15	0.2	0.2
	K4098	586044.7	7093847		s++	35	w	yb,b	gv,si,cl	qv ox,qsers			-0.1	24.6	17	0.2	1.9
	K4099	586016.7	7093805		s++	45	w,org	yb	cl	qms			0.1	114	34	0.5	0.4
	K4100	585985.9	7093766		s++	45	pf,org	yb	cl	qms			-0.1	46.3	27	0.5	0.4
	K4101	585960.8	7093724	969	s++	35	w,org	yb	gr,si,cl	qms,qv			0.1	94.2	36	0.5	0.1
	K4102	585930.4	7093683		s++	50	org	yb,b	si,cl				0.2	34.4	20	0.4	1.7
	K4103	585902	7093643		s++	40	pf	b,gb	si,cl				0.2	27.6	16	0.4	2.7
	K4104	585874.5	7093601		s+	35	org	gb	gr,si,cl	qms, lim			0.5	18.2	15	0.3	31.9
	K4105	585845.7	7093560	1017	s+	30	org,sk	yb	gv,gr,s	qte ser, blue q eyes, ox p			-0.1	17	9	0.3	16
	K4106	585818.7	7093518		s	20	sk	yb	gv,gr,s	qte ser, blue q eyes, ox p			0.2	7.04	10	0.3	30.3
	K4107	585788	7093479		s	35		yb	gv,si,cl	qte ser			-0.1	6.94	15	0.1	3.6
	K4108	585754.1	7093439	1029	f	30		yb,b	gr,si,cl	qte ser, blue q eyes, ox p			-0.1	11.5	22	0.2	9.4
Ch:K4097													-0.1	17.1	17	0.4	0.2
	K4097												-0.1	16.8	15	0.2	0.2
Ch:K4107													-0.1	7.86	18	0.2	3
	K4107												-0.1	6.94	15	0.1	3.6

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
TRAVERSE K103 (#80)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug 27/02			By:	AL, PL					
		Sample Interval (m): 50									
K4093		586185.7	7094054	890	s+	45	org	gb,b	si,cl		
K4094		586164.2	7094012		s++	35	w	gb	s,si,cl		
K4095		586129.6	7093970		s+	35	w,org	yb	gr,si,cl	qms	
K4096		586103.4	7093929		s++	35	org	yb,b	gr,si,cl	qms	
K4097		586073.6	7093886	934	s++	35	pf,org	yb,b	si,cl		
K4098		586044.7	7093847		s++	35	w	yb,b	gv,si,cl	qv ox,qsers	
K4099		586016.7	7093805		s++	45	w,org	yb	cl	qms	
K4100		585985.9	7093766		s++	45	pf,org	yb	cl	qms	
K4101		585960.8	7093724	969	s++	35	w,org	yb	gr,si,cl	qms,qv	
K4102		585930.4	7093683		s++	50	org	yb,b	si,cl		
K4103		585902	7093643		s++	40	pf	b,gb	si,cl		
K4104		585874.5	7093601		s+	35	org	gb	gr,si,cl	qms, lim	
K4105		585845.7	7093560	1017	s+	30	org,sk	yb	gv,gr,s	qte ser, blue q eyes, ox p	
K4106		585818.7	7093518		s	20	sk	yb	gv,gr,s	qte ser, blue q eyes, ox p	
K4107		585788	7093479		s	35		yb	gv,si,cl	qte ser	
K4108		585754.1	7093439	1029	f	30		yb,b	gr,si,cl	qte ser, blue q eyes, ox p	

Au
Scheme Code
Analysis Unit
Detection Limit

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE K104 MMI		GRAND FORKS 1:50 000 115-0/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Aug 28/02			By:	AL, PL						Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
	K4109	590385.8	7091455	961	s	20	sk	yb,b	gv,si,cl	qte m, ox p	silicified		-0.1	6.58	9	0.2	25.6
	K4110	590373.8	7091405		s++	20		yb	gv,gr,si,cl	qte m, ox p	silicified		-0.1	4.15	11	0.2	24.9
	K4111	590366.1	7091361		s++	20		yb	gr,si,cl	qte m, 3% ox p	silicified		0.2	3.28	22	0.2	57.9
	K4112	590349.3	7091308		s++	20		yb	gr,si,cl	qte m			0.1	2.04	50	0.4	40.4
	K4113	590333.4	7091263	913	s+	20		yb	gr,cl,si	qte,qv			0.2	3.93	32	0.2	31.9
	K4114	590319.4	7091213		s++	20		yb	gv,gr,cl,si	qte m			0.1	6.62	20	0.3	36.5
	K4115	590306.3	7091164		s+	20		yb	gr,si,cl	qms			0.1	4.97	12	0.1	15.8
	K4116	590292.2	7091117		s++	20		yb	gr,si,cl	qsers			0.1	4.99	17	0.2	23
	K4117	590286.7	7091070	843	s++	20		yb	gv,gr,si,cl	qsers			0.1	6.94	26	0.3	19.2
	K4118	590272	7091021		s++	20		yb	gv,gr,si,cl	qsers			-0.1	6.69	15	0.1	26.7
	K4119	590249.5	7090980	797	s++	20		yb	gv,gr,si,cl	qv (bull)			-0.1	24.1	28	0.4	33.4
	K4117												0.1	6.94	26	0.3	19.2
Ch:K4117													-0.1	6.71	28	0.2	17.8

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au
TRAVERSE K104 (#80)		GRAND FORKS 1:50,000 115 O/14										Scheme Code	
		Sampled: Aug 28/02		By:	AL, PL							Analysis Unit	
		Sample Interval (m): 50										Detection Limit	
K4109		590385.8	7091455	961	s	20	sk	yb,b	gv,si,cl	qte m, ox p	silicified		
K4110		590373.8	7091405		s++	20		yb	gv,gr,si,cl	qte m, ox p	silicified		
K4111		590366.1	7091361		s++	20		yb	gr,si,cl	qte m, 3% ox p	silicified		
K4112		590349.3	7091308		s++	20		yb	gr,si,cl	qte m			
K4113		590333.4	7091263	913	s+	20		yb	gr,cl,si	qte,qv			
K4114		590319.4	7091213		s++	20		yb	gv,gr,cl,si	qte m			
K4115		590306.3	7091164		s+	20		yb	gr,si,cl	qms			
K4116		590292.2	7091117		s++	20		yb	gr,si,cl	qsers			
K4117		590286.7	7091070	843	s++	20		yb	gv,gr,si,cl	qsers			
K4118		590272	7091021		s++	20		yb	gv,gr,si,cl	qsers			
K4119		590249.5	7090980	797	s++	20		yb	gv,gr,si,cl	qv (bull)			

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE K105 MMI		GRAND FORKS 1:50,000 115-O/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Sep 4/02			By: AL, PL							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
K4168		591209	7092141	691	s++	30		b	si,cl	qte ser, ox p	gneissic		-0.1	23.4	28	0.1	1.1
K4169		591250.7	7092102		s++	60	org	b	si,cl	qte ser, ox p			-0.1	16.4	21	0.1	0.1
K4170		591289.3	7092067		s++	40	w	yb	gv,gr,si,cl	qsers			0.2	103	89	0.2	15.3
K4171		591323	7092028		s++	30	org	yb,b	gr,si,cl	carb qte,ox p			-0.1	30.5	43	0.1	6
K4172		591360.9	7092002	769	s+	30	org	gb	si,cl	carb qte,ox p	near PL2002-05		-0.1	8.11	36	-0.1	5.2
K4173		591396.8	7091970		s+	30	org	gb	gv,gr,si,cl	carb qte			-0.1	9.92	23	0.1	2.6
K4174		591439.6	7091937		s+	30		gb,yb	gv,gr,si,cl	carb qte			-0.1	15.1	45	-0.1	4.7
K4175		591476.2	7091901		s+	25		gb,yb	gv,gr,si,cl	carb qte			-0.1	16	34	-0.1	17.9
K4176		591511.8	7091870	782	s++	35		hb,rb	gv,gr,si,cl	carb qte			-0.1	7.87	13	-0.1	3
K4177		591552.2	7091838		s++	35	w,org	gb	gv,gr,si,cl	carb qte			0.3	90.2	40	0.2	4.3
K4178		591587.4	7091803		s++	35	w,org	gb	gv,gr,si,cl	carb qte with m			0.4	16.6	41	0.3	1.4
K4179		591625.5	7091769		s++	30	org	yb	gv,gr,si,cl	qte with m + b	fine-g b hornfels?		0.2	10.7	48	0.2	13.9
K4180		591665.6	7091739	769	s++	45	org	gb	si,cl	qte with m, lim p			0.1	4.89	39	0.3	2.3
K4181		591706.4	7091711		s++	35		gb	gv,gr,si,cl	qms with carb			0.1	15.3	27	-0.1	10.1
K4182		591739.8	7091676		s++	35		b,yb	si,cl	qms			0.1	21.1	48	0.2	1.2
K4183		591779.1	7091638		s++	45		b	gv,gr,si,cl	q carb s with m			0.1	61	52	0.2	6.9
K4184		591815.4	7091610	735	s++	45	org	b	gv,gr,si,cl	qms with carb			-0.1	34.9	30	0.1	1.4

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
TRAVERSE K105 (#80)		GRAND FORKS 1:50,000 115 O/14									
		Sampled: Sep 4/02			By:	AL, PL					
		Sample Interval (m): 50									
K4168		591209	7092141	691	s++	30		b	si,cl	qte ser, ox p	gneissic
K4169		591250.7	7092102		s++	50	org	b,gb	si,cl	qte ser, ox p	
K4170		591289.3	7092067		s++	40	w	yb	gv,gr,si,cl	qsers	
K4171		591323	7092028		s++	30	org	yb,b	gr,si,cl	carb qte,ox p	
K4172		591360.9	7092002	769	s+	30	org	gb	si,cl	carb qte,ox p	near PL2002-05
K4173		591396.8	7091970		s+	30	org	gb	gv,gr,si,cl	carb qte	
K4174		591439.6	7091937		s+	30		gb,yb	gv,gr,si,cl	carb qte	
K4175		591476.2	7091901		s+	25		gb,yb	gv,gr,si,cl	carb qte	
K4176		591511.8	7091870	782	s++	35		hb,rb	gv,gr,si,cl	carb qte	
K4177		591552.2	7091838		s++	35	w,org	gb	gv,gr,si,cl	carb qte	
K4178		591587.4	7091803		s++	35	w,org	gb	gv,gr,si,cl	carb qte with m	
K4179		591625.5	7091769		s++	30	org	yb	gv,gr,si,cl	qte with m + b	fine-g b hornfels?
K4180		591665.6	7091739	769	s++	45	org	gb	si,cl	qte with m, lim p	
K4181		591706.4	7091711		s++	35		gb	gv,gr,si,cl	qms with carb	
K4182		591739.8	7091676		s++	50		b,yb	si,cl	qms	
K4183		591779.1	7091638		s++	45		b	gv,gr,si,cl	q carb s with m	
K4184		591815.4	7091610	735	s++	45	org	b	gv,gr,si,cl	qms with carb	

Au
Scheme Code
Analysis Unit
Detection Limit

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE K106 MMI		GRAND FORKS 1:50,000 115 O/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Aug 29/02			By: AL, PL							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
	K4120	593431	7093600	753	s+	30		yb	gv,gr,si,cl	qte ser, ox			0.5	72.2	88	0.4	13.1
	K4121	593446.9	7093657		s++	35		b	gv,gr,si,cl	qte ser			-0.1	20.1	23	0.2	4.6
	K4122	593462.4	7093701		s++	35	w	yb	gv,gr,si,cl	qte ser,qv			0.6	23.4	22	0.3	21.7
	K4123	593483.6	7093749		s++	40	w	yb,b	gv,gr,si,cl	qte ser,qv			0.3	16.8	23	0.4	10.7
	K4124	593504.4	7093800	710	s++	35	w	yb,b	gv,si,cl	qte ser			0.2	9.58	15	0.5	7.6
	K4125	593523.2	7093840		s++	45	w	b,rb	gr,si,cl	q ser s			-0.1	11.2	9	0.3	0.8
	K4126	593545.1	7093890		s++	40	w	yb	cl,si	qv, ox p\			-0.1	15.1	16	0.3	2.1
	K4127	593571	7093932		s++	50	w	b,yb	cl,si				-0.1	13	16	0.3	0.5
	K4128	593598.7	7093971	672	s++	40	org	gb	cl,si	qms,qv	aken 5m away/creek		-0.1	35.6	19	0.5	0.6
	K4129	593619.7	7094007		s++	35		b	gr,si,cl				-0.1	38.2	108	0.6	7.3
	K4130	593642.2	7094063		s++	25	org	b	gr,cl,si				-0.1	10.8	42	0.3	1.3
	K4131	593665.2	7094119		s++	30		yb	gr,cl,si	qms			-0.1	8.94	146	0.6	3.1
	K4132	593681.7	7094156	683	s++	30		yb	cl,si	qte ser, ox p			-0.1	18	97	0.5	13
	K4133	593694.5	7094203		s++	25		b	gr,cl,si	qte ser ox p			-0.1	6.87	117	-0.1	18.3
	K4134	593713.7	7094248		s++	20		b	gr,si,cl	qte ser ox p			-0.1	9.48	41	-0.1	6.4
	K4135	593739.5	7094307		s++	25		yb	cl,si	qte ser ox p			-0.1	28.3	52	0.2	7.1
	K4136	593757.1	7094344	718	s++	25	org	b	gr,cl,si	qte ser ox p			0.1	33.9	76	-0.1	5.9
	K4137	593783.6	7094390		s++	30		b	gr,si,cl	qte ser ox p			-0.1	85	106	0.2	7
	K4138	593804	7094428		s++	20		yb	gv,gr,si,cl	qte ser, gneissic			-0.1	20.7	29	-0.1	8.1
	K4139	593825.2	7094474		s++	20	org,sk	yb	gv,gr,si,cl	rhyolite, weak foliation	lim stringers		-0.1	13.6	10	-0.1	1.9
	K4140	593843.6	7094519	700	s	30		yb	gv,si,cl	qte ser, ox p			0.4	32.2	828	0.2	25.2
	K4141	593863.4	7094566		s+	25		gb	gv,si,cl	qte ser, ox p			0.3	58	177	0.2	16
	K4142	593880	7094608		s+	30	sk	gb	gv,cl,si	qte ser, ox p			0.2	23.1	38	0.2	8.7
	K4143	593905.1	7094657		s+	25		yb	gv,si,cl	qte ser, ox p			0.1	19.5	41	-0.1	4.1
	K4144	593923.9	7094706	680	s+	25		yb	si,cl	qte ser, ox p			-0.1	15	27	-0.1	9.6
	K4141												0.3	58	177	0.2	16
Ch:K4141													0.2	53.2	162	0.2	15.1

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Au
TRAVERSE K106 (#80)		GRAND FORKS 1:50,000 115-O/14										Scheme Code
		Sampled: Aug 29/02			By: AL, PL							Analysis Unit
		Sample Interval (m): 50										Detection Limit
K4120		593431	7093600	753	s+	30		yb	gv,gr,si,cl	qte ser, ox		
K4121		593446.9	7093657		s++	40		yb	gv,gr,si,cl	qte ser		
K4122		593462.4	7093701		s++	35	w	yb	gv,gr,si,cl	qte ser,qv		
K4123		593483.6	7093749		s++	40	w	yb,b	gv,gr,si,cl	qte ser,qv		
K4124		593504.4	7093800	710	s++	35	w	yb,b	gv,si,cl	qte ser		
K4125		593523.2	7093840		s++	45	w	b,rb	gr,si,cl	q ser s		
K4126		593545.1	7093890		s++	40	w	yb	cl,si	qv, ox p\		
K4127		593571	7093932		s++	60	w	b,yb	cl,si			
K4128		593598.7	7093971	672	s++	50	org	gb	cl,si	qms,qv	aken 5m away/creek	
K4129		593619.7	7094007		s++	35		b	gr,si,cl			
K4130		593642.2	7094063		s++	35	org	b	gr,cl,si			
K4131		593665.2	7094119		s++	35		yb	gr,cl,si	qms		
K4132		593681.7	7094156	683	s++	30		yb	cl,si	qte ser, ox p		
K4133		593694.5	7094203		s++	25		b	gr,cl,si	qte ser ox p		
K4134		593713.7	7094248		s++	25		b	gr,si,cl	qte ser ox p		
K4135		593739.5	7094307		s++	25		yb	cl,si	qte ser ox p		
K4136		593757.1	7094344	718	s++	25	org	b	gr,cl,si	qte ser ox p		
K4137		593783.6	7094390		s++	30		b	gr,si,cl	qte ser ox p		
K4138		593804	7094428		s++	20		yb	gv,gr,si,cl	qte ser, gneissic		
K4139		593825.2	7094474		s++	20	org,sk	yb	gv,gr,si,cl	rhyolite, weak foliation	lim stringers	
K4140		593843.6	7094519	700	s	30		yb	gv,si,cl	qte ser, ox p		
K4141		593863.4	7094566		s+	25		gb	gv,si,cl	qte ser, ox p		
K4142		593880	7094608		s+	30	sk	gb	gv,cl,si	qte ser, ox p		
K4143		593905.1	7094657		s+	25		yb	gv,si,cl	qte ser, ox p		
K4144		593923.9	7094706	680	s+	25		yb	si,cl	qte ser, ox p		

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE K107 MMI		GRAND FORKS 1:50,000 115 O/14										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
		Sampled: Sep 5/02			By: AL, PL							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit					
	K4185	594704	7091775	680	s++	40		b	s,cl,si	qte with ser, foliated	felsenmeer		-0.1	32.1	20	0.2	3.2
	K4186	594693.6	7091728		s++	40	pf	b	si,cl	qte with ser, foliated	felsenmeer		-0.1	13.2	13	0.2	1.4
	K4187	594677.3	7091676		s++	45	w	b	gv,si,cl	qms			-0.1	16.2	15	-0.1	1.1
	K4188	594670.4	7091625		s++	45	w	b	gr,si,cl	qms			-0.1	12	10	-0.1	0.4
	K4189	594656.1	7091576	753	s++	40	org	b	si,cl	qms			-0.1	70.8	26	0.2	0.8
	K4190	594647.8	7091530		s++	50	org	yb,b	gr,si,cl	qfp, non-foliated, + qms			-0.1	42.2	36	0.2	2.1
	K4191	594639.6	7091478		s++	35	org	yb	gv,gr,si,cl	qte with ser, strong	crenulation cleavage		-0.1	17.2	20	0.1	2
	K4192	594630.8	7091431		s++	45	w	yb	gv,gr,si,cl	qms			-0.1	53.6	47	0.2	3.4
	K4193	594615.5	7091379	823	s++	45	w	gnb,b,yb	si,cl	qfp			0.1	27	38	0.3	4.5
	K4194	594603	7091331		s+	40		yb	gr,si,cl	qfp, lim			0.2	80.7	101	0.6	8.6
	K4195	594592.2	7091287		s+	40		b	si,cl	qfp			-0.1	14.1	14	0.3	0.8
	K4196	594581.4	7091235		s+	50	org,f	b,yb	si,cl	qv			-0.1	23.7	23	0.3	1.1
	K4197	594569.5	7091186	837	s+	45	pf	yb	gv,gr,si,cl	qfp			0.4	30.2	73	0.4	15.4
	K4198	594563.1	7091138		s+	25	w	yb	gv,gr,si,cl	qfp	felsenmeer		-0.1	9.32	23	0.3	6.2
	K4199	594554.9	7091087		s+	25		yb	gv,gr,si,cl	qms,qv			-0.1	10.6	16	0.3	4.4
	K4200	594538.6	7091042		s+	25		yb	s,si,cl	qv			-0.1	16.9	33	0.2	6.8
	K4201	594535.1	7090992	873	s+	35		b	gr,si,cl	qms,qv			-0.1	13.1	14	0.1	3
	K4202	594524.3	7090942		s+	35		b	si,cl	qv bull,qms			-0.1	9.57	26	0.2	9.5
	K4203	594512.2	7090897		s+	35	w	gb	gr,si,cl	qv, qms			-0.1	4.19	21	0.2	1.4
	K4204	594496.6	7090848		s+	40		gnb	gv,gr,si,cl	cs, foliated, magnetic	mafic dyke?		-0.1	2.99	137	0.2	14.1
	K4205	594485.7	7090797	927	s+	30		yb,gnb	gv,si,cl	cqs			-0.1	1.6	104	0.2	9
	K4206	594471.1	7090749		s+	60	org	b	cl	cs			-0.1	0.76	26	0.2	4.1
	K4207	594463.2	7090697		s++	35	org	b	gv,gr,si,cl	qms			0.2	2.26	246	0.2	26.6
	K4208	594451.3	7090647		s++	30	org	yb	gv,gr,si,cl	graphite s + qte with m			-0.1	4.42	32	0.2	13.5
	K4209	594444.8	7090602	976	s++	40		yb	gv,gr,si,cl	qv, qte banded with ser			-0.1	8.19	19	0.2	11.9
	K4210	594432.3	7090543		s++	30		b,yb	gr,cl,si	qms, cs, qv			0.1	6.82	18	0.4	4.7
	K4211	594421.6	7090505		s++	40		yb	s,si	qms, qv			0.1	26.3	15	0.2	35.3
	K4212	594416.8	7090455		s++	35		yb	gv,gr,si,cl	cs			0.1	18.7	22	0.2	12.1
	K4213	594397.1	7090404	1026	s+	35		b,yb	gv,gr,si,cl	cs, qms			-0.1	6.2	17	0.3	1.6
	K4214	594388.2	7090358		s	35		ob	gv,si,cl	cs			-0.1	3.46	6	0.1	-0.1
	K4215	594380.5	7090308	1039	s,r	25		yb	gv,gr,cl,si	qms			-0.1	1.72	5	0.1	1.1
	K4185												-0.1	32.1	20	0.2	3.2
Ch:K4185													-0.1	30.2	18	0.2	2.9
	K4195												-0.1	14.1	14	0.3	0.8
Ch:K4195													-0.1	13.1	12	0.2	0.6
	K4205												-0.1	1.6	104	0.2	9
Ch:K4205													-0.1	1.5	92	0.2	7.6

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
TRAVERSE K107 (#80)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Sep 5/02		By: AL, PL							
		Sample Interval (m): 50									
K4185		594704	7091775	680	s++	40		b	s,cl,si	qte with ser, foliated	felsenmeer
K4186		594693.6	7091728		s++	40	pf	b	si,cl	qte with ser, foliated	felsenmeer
K4187		594677.3	7091676		s++	45	w	b	gv,si,cl	qms	
K4188		594670.4	7091625		s++	45	w	b	gr,si,cl	qms	
K4189		594656.1	7091576	753	s++	40	org	b	si,cl	qms	
K4190		594647.8	7091530		s++	50	org	yb,b	gr,si,cl	qfp, non-foliated, + qms	
K4191		594639.6	7091478		s++	35	org	yb	gv,gr,si,cl	qte with ser, strong	crenulation cleavage
K4192		594630.8	7091431		s++	45	w	yb	gv,gr,si,cl	qms	
K4193		594615.5	7091379	823	s++	45	w	gnb,b,yb	si,cl	qfp	
K4194		594603	7091331		s+	40		yb	gr,si,cl	qfp, lim	
K4195		594592.2	7091287		s+	40		b	si,cl	qfp	
K4196		594581.4	7091235		s+	50	org,f	b,yb	si,cl	qv	
K4197		594569.5	7091186	837	s+	45	pf	yb	gv,gr,si,cl	qfp	
K4198		594563.1	7091138		s+	25	w	yb	gv,gr,si,cl	qfp	felsenmeer
K4199		594554.9	7091087		s+	25		yb	gv,gr,si,cl	qms,qv	
K4200		594538.6	7091042		s+	25		yb	s,si,cl	qv	
K4201		594535.1	7090992	873	s+	35		b	gr,si,cl	qms,qv	
K4202		594524.3	7090942		s+	35		b	si,cl	qv bull,qms	
K4203		594512.2	7090897		s+	35	w	gb	gr,si,cl	qv, qms	
K4204		594496.6	7090848		s+	40		gnb	gv,gr,si,cl	cs, foliated, magnetic	mafic dyke?
K4205		594485.7	7090797	927	s+	35		yb,gnb	gv,si,cl	cqs	
K4206		594471.1	7090749								no sample taken
K4207		594463.2	7090697		s++	40	org	b	gv,gr,si,cl	qms	
K4208		594451.3	7090647		s++	30	org	yb	gv,gr,si,cl	graphite s + qte with m	
K4209		594444.8	7090602	976	s++	40		yb	gv,gr,si,cl	qv, qte banded with ser	
K4210		594432.3	7090543		s++	40		b,yb	gr,cl,si	qms, cs, qv	
K4211		594421.6	7090505		s++	40		yb	s,si	qms, qv	
K4212		594416.8	7090455		s++	35		yb	gv,gr,si,cl	cs	
K4213		594397.1	7090404	1026	s+	35		b,yb	gv,gr,si,cl	cs, qms	
K4214		594388.2	7090358		s	35		ob	gv,si,cl	cs	
K4215		594380.5	7090308	1039	s,r	25		yb	gv,gr,cl,si	qms	

Au
Scheme Code
Analysis Unit
Detection Limit

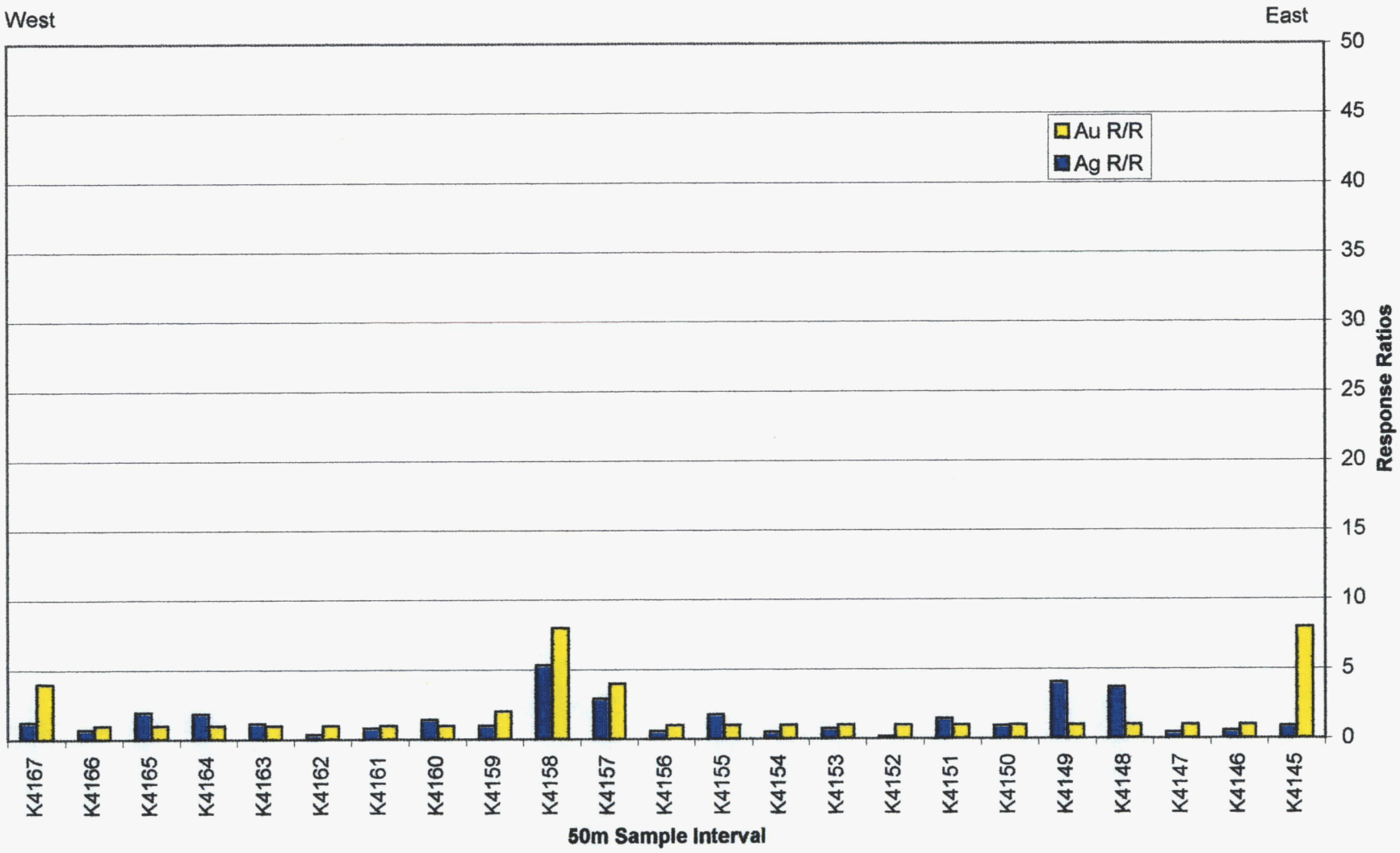
SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Au MMI-B	Co MMI-B	Ni MMI-B	Pd MMI-B	Ag MMI-B
TRAVERSE K108 MMI		GRAND FORKS 1:50,000 115-O/14										Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sampled: Sep 6/02			By: AL, PL							Detection Limit					
		Sample Interval (m): 50															
	K4216	585790.5	7093406	1033	f,r	20		yb	gr,si,cl	qms, ox p			-0.1	1.97	18	0.3	4.9
	K4217	585840.5	7093404		f,r	20		b,yb	gr,si,cl	qms			-0.1	10.2	24	0.1	3.1
	K4218	585888.8	7093399		f,r	15		yb	gr,si,cl	qsers			-0.1	3.74	19	0.2	10.5
	K4219	585937.1	7093391		f,r	15		yb	gv,gr,si,cl	serqs, ox p			0.2	25.5	56	0.2	9.9
	K4220	585992.5	7093393	1031	f,r	20		ob	gv,gr,si,cl	crenulated serqs, p			-0.1	7.62	37	0.2	2.4
	K4221	586043.1	7093389		f,r	25		yb	gv,gr,si,cl	crenulated serqs, p			-0.1	8.61	10	-0.1	1.8
	K4222	586091.3	7093388		f,r	25		yb	gv,gr,si,cl	crenulated serqs, p			0.1	8.12	26	-0.1	2.5
	K4223	586141.5	7093389		f,r	20		yb	gv,gr,si	qsers			-0.1	4.68	22	-0.1	4.2
	K4224	586189	7093389	1035	f,r	25		ob	gv,gr,si,cl	serqs, ox p			-0.1	6.23	9	-0.1	1.7
	K4225	586241.3	7093381		f,r	30		yb	gv,gr,si,cl	qms, p			0.1	8.98	18	-0.1	48.8
	K4226	586290.2	7093372		s,r	25		ob	gv,gr,si,cl	qte with m, blue q eyes			-0.1	4.21	12	-0.1	2.9
	K4227	586338.7	7093369		f,r	30		b,ob	gv,gr,cl,si	qte with m, blue q eyes			-0.1	3.52	9	-0.1	1.9
	K4228	586387	7093371	1038	f,r	25		ob	gv,gr,si,cl	qte with ser			-0.1	2.22	5	-0.1	1.9
	K4229	586440.7	7093367		f,r	35		ob	gr,gv,si,cl	qte with ser			-0.1	4.25	6	-0.1	0.5
	K4230	586487.7	7093362		f,r	30		gb,ob	gv,gr,si,cl	qte with ser, lim p			-0.1	4.35	11	-0.1	1.3
	K4231	586536.5	7093363		f,r	30		ob	gv,gr,si,cl	qte with m			-0.1	9.34	14	-0.1	3.1
	K4232	586584	7093368	1045	f,r	30		yb	gv,gr,si,cl	qte with m			0.2	19	24	0.4	6
	K4233	586638.1	7093370		f,r	30		ob	gr.si,cl	qms			-0.1	4.03	12	-0.1	1.2
	K4234	586690.9	7093373		s,r	25	org	gb,yb	gr,si,cl	qms			-0.1	4.64	8	-0.1	0.6
	K4235	586738.1	7093368		s+	25		yb	gr,si,cl	qsers			-0.1	3.54	5	-0.1	1.8
	K4236	586790.5	7093364	1047	s++	40		ob	si,cl				-0.1	13.2	6	-0.1	-0.1
	K4237	586840.2	7093364		s	35		yb	gr,si,cl	qsers			0.2	13.7	40	0.2	2.4
	K4238	586888.3	7093363		s	30		yb	gr,si,cl	qv, lim			1.6	19.5	28	-0.1	34.3
	K4239	586938.5	7093357		s+	35		yb	gr,si,cl	qms			0.2	25.1	22	-0.1	3.5
	K4240	586996	7093359	1030	s	20		yb	gv,gr,si,cl	qms			-0.1	14.4	15	-0.1	1.8
	K4241	587039.5	7093355		s+	20		b	gr,si,cl	qms			0.4	21.4	30	-0.1	29
	K4242	587089.5	7093353	1017	s++	20		b	gv,gr,cl,si	qms, ox p			0.1	9.52	9	-0.1	2
	K4229												-0.1	4.25	6	-0.1	0.5
Ch:K4229													-0.1	4.61	6	-0.1	0.5
	K4239												0.2	25.1	22	-0.1	3.5
Ch:K4239													0.2	27.2	24	-0.1	4
	K4240												-0.1	14.4	15	-0.1	1.8
Ch:K4240													-0.1	13.8	16	-0.1	1.7

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
TRAVERSE K108 (#80)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Sep 6/02			By:	AL, PL					
		Sample Interval (m): 50									
K4216		585790.5	7093406	1033	f,r	20		yb	gr,si,cl	qms, ox p	
K4217		585840.5	7093404		f,r	30		b,yb	gr,si,cl	qms	
K4218		585888.8	7093399		f,r	20		yb	gr,si,cl	qsers	
K4219		585937.1	7093391		f,r	15		yb	gv,gr,si,cl	serqs, ox p	
K4220		585992.5	7093393	1031	f,r	20		ob	gv,gr,si,cl	crenulated serqs, p	
K4221		586043.1	7093389		f,r	25		yb	gv,gr,si,cl	crenulated serqs, p	
K4222		586091.3	7093388		f,r	25		yb	gv,gr,si,cl	crenulated serqs, p	
K4223		586141.5	7093389		f,r	20		yb	gv,gr,si	qsers	
K4224		586189	7093389	1035	f,r	25		ob	gv,gr,si,cl	serqs, ox p	
K4225		586241.3	7093381		f,r	30		yb	gv,gr,si,cl	qms, p	
K4226		586290.2	7093372		s,r	25		ob	gv,gr,si,cl	qte with m, blue q eyes	
K4227		586338.7	7093369		f,r	40		b,ob	gv,gr,cl,si	qte with m, blue q eyes	
K4228		586387	7093371	1038	f,r	25		ob	gv,gr,si,cl	qte with ser	
K4229		586440.7	7093367		f,r	35		ob	gr,gv,si,cl	qte with ser	
K4230		586487.7	7093362		f,r	30		gb,ob	gv,gr,si,cl	qte with ser, lim p	
K4231		586536.5	7093363		f,r	30		ob	gv,gr,si,cl	qte with m	
K4232		586584	7093368	1045	f,r	30		yb	gv,gr,si,cl	qte with m	
K4233		586638.1	7093370		f,r	30		ob	gr.si,cl	qms	
K4234		586690.9	7093373		s,r	35	org	gb,yb	gr,si,cl	qms	
K4235		586738.1	7093368		s+	25		yb	gr,si,cl	qsers	
K4236		586790.5	7093364	1047	s++	40		ob	si,cl		
K4237		586840.2	7093364		s	35		yb	gr,si,cl	qsers	
K4238		586888.3	7093363		s	30		yb	gr,si,cl	qv, lim	
K4239		586938.5	7093357		s+	35		yb	gr,si,cl	qms	
K4240		586996	7093359	1030	s	20		yb	gv,gr,si,cl	qms	
K4241		587039.5	7093355		s+	20		b	gr,si,cl	qms	
K4242		587089.5	7093353	1017	s++	20		b	gv,gr,cl,si	qms, ox p	

Au
Scheme Code
Analysis Unit
Detection Limit

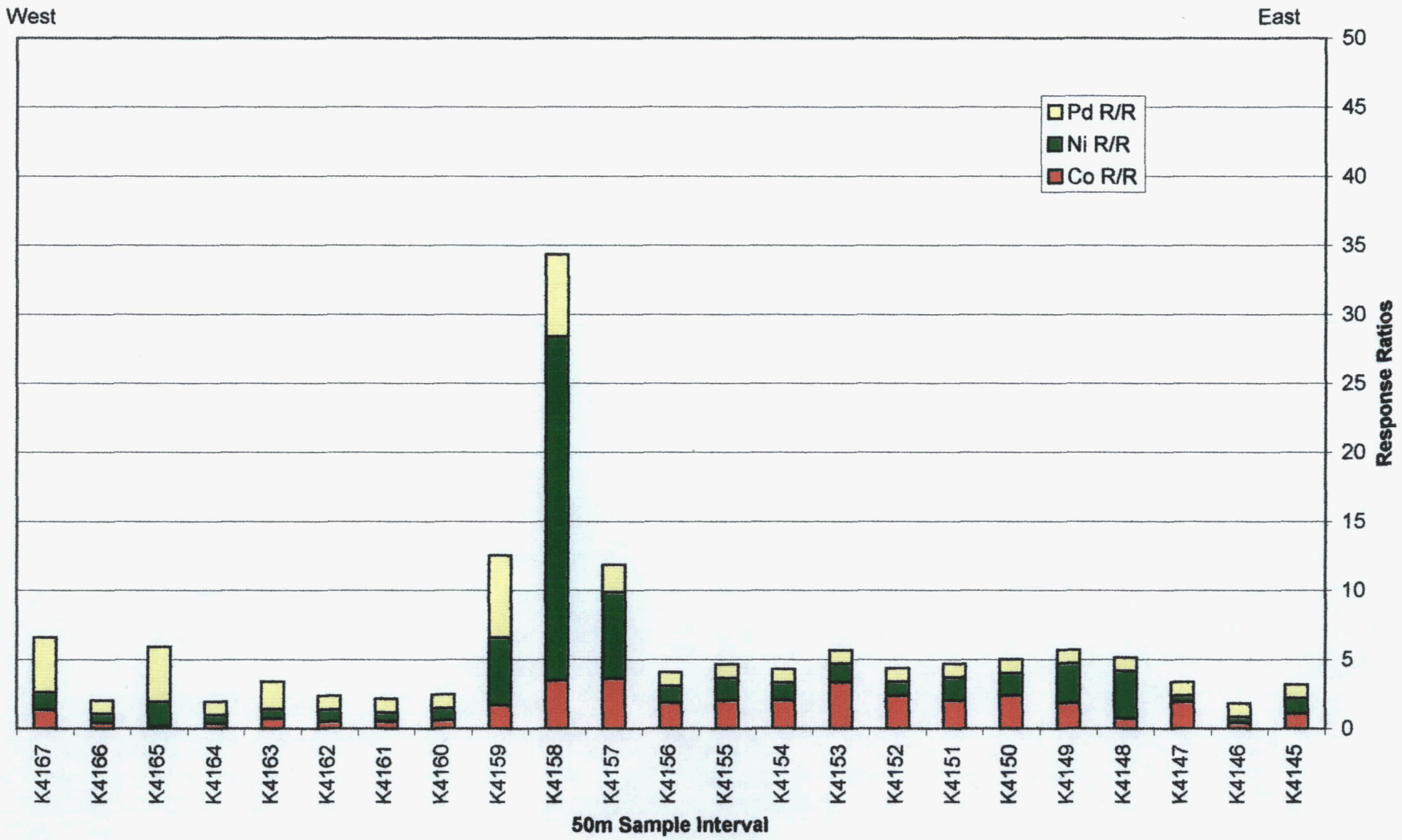
APPENDIX III

MMI TRAVERSE 102



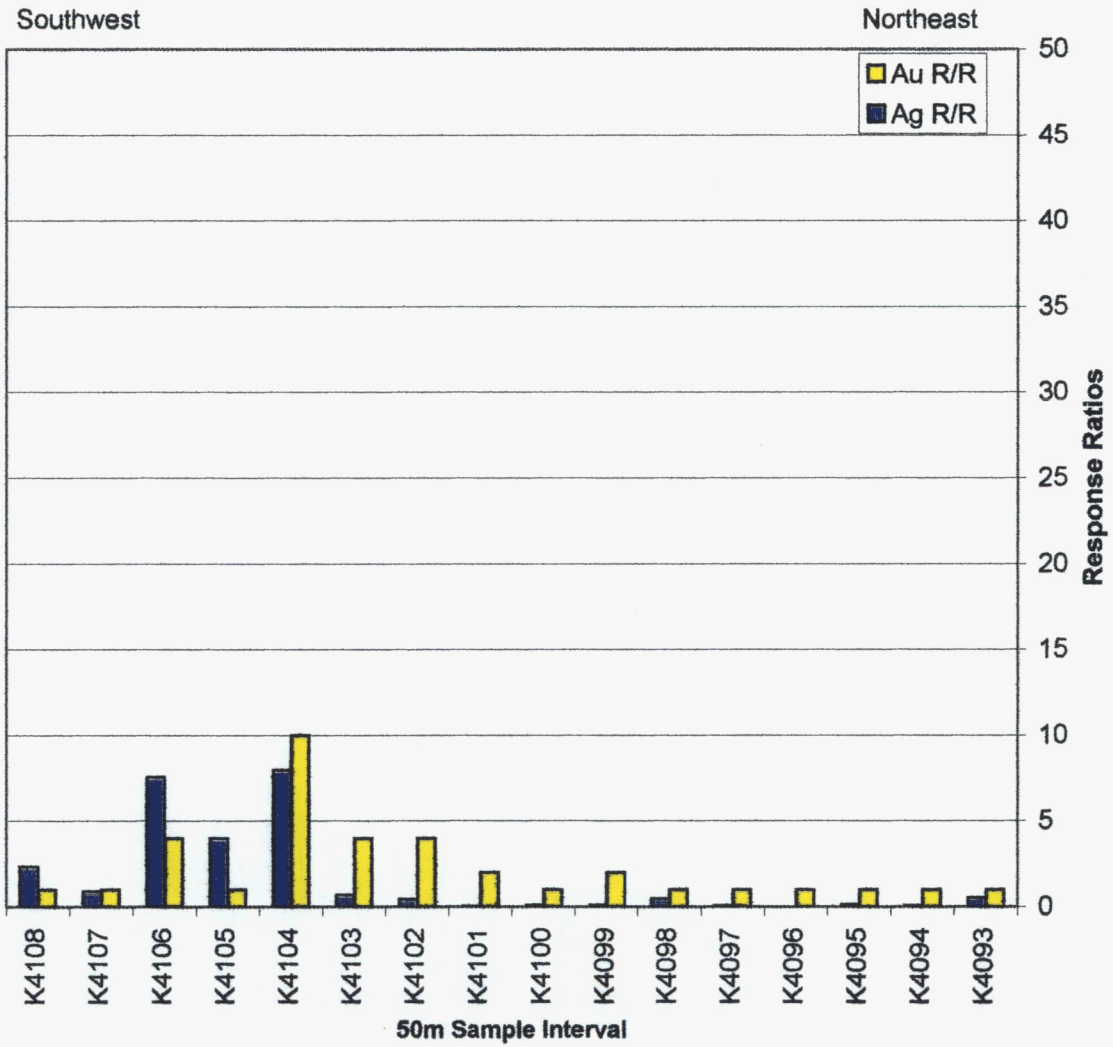
Tr K 102(1)

MMI TRAVERSE 102



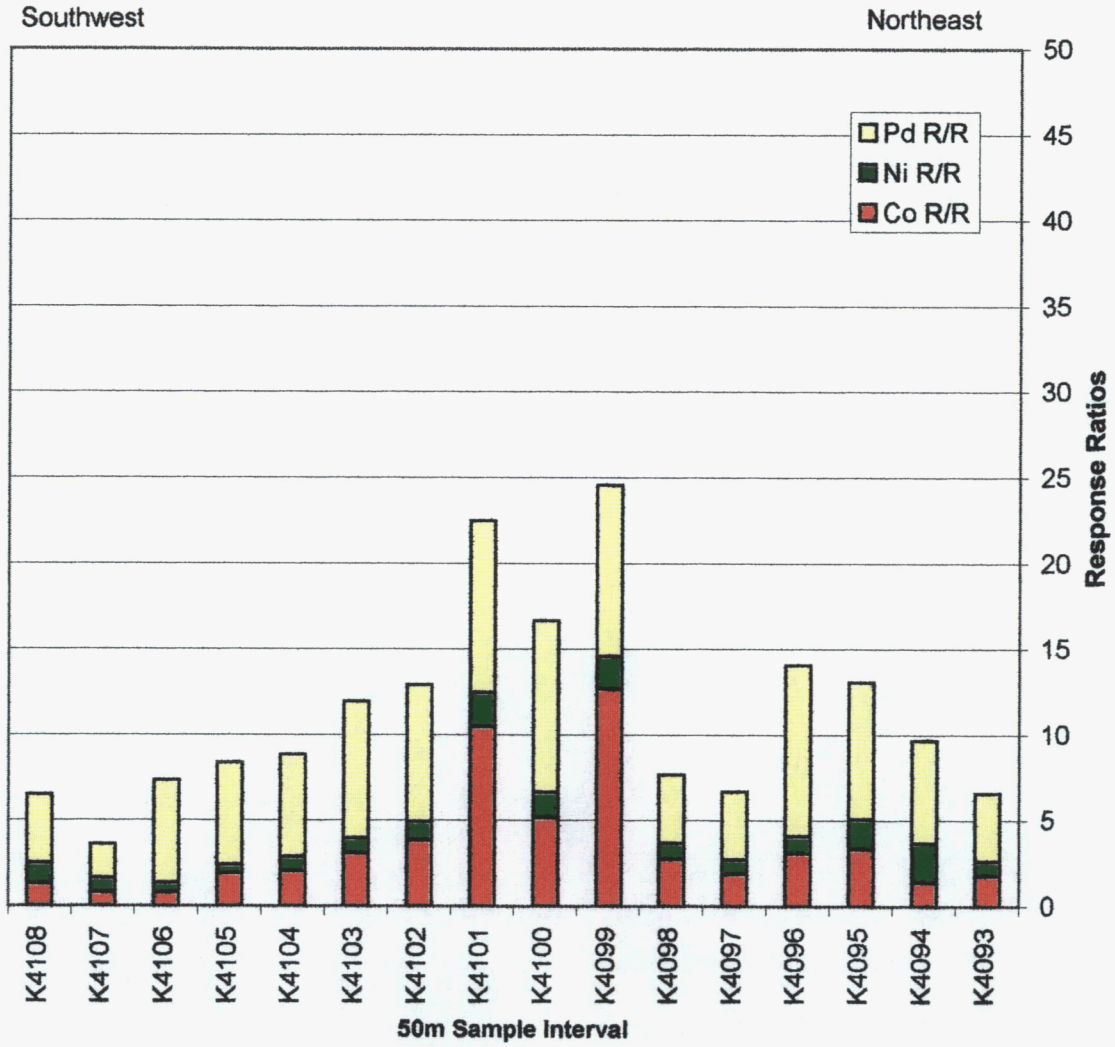
Tr K 102(2)

MMI TRAVERSE 103



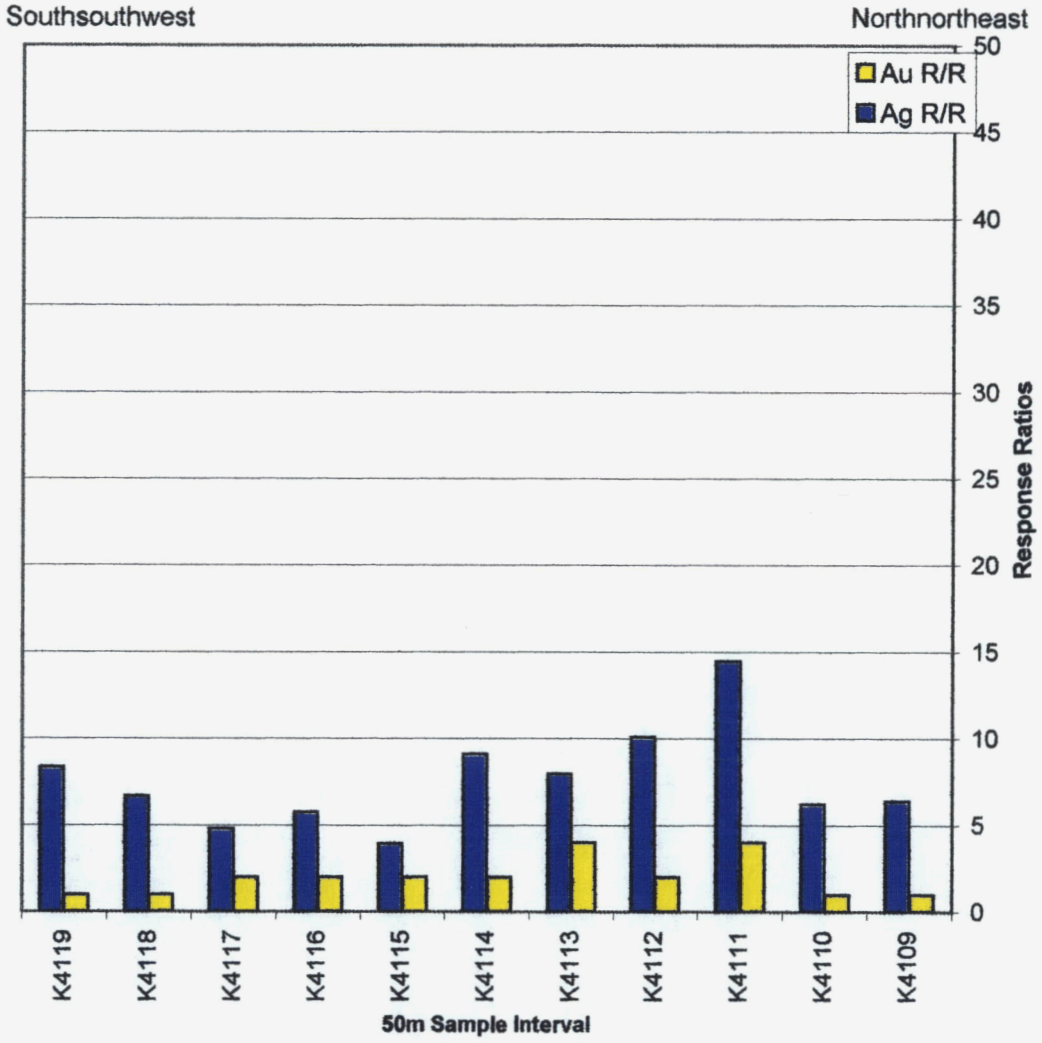
Tr K 103(1)

MMI TRAVERSE 103



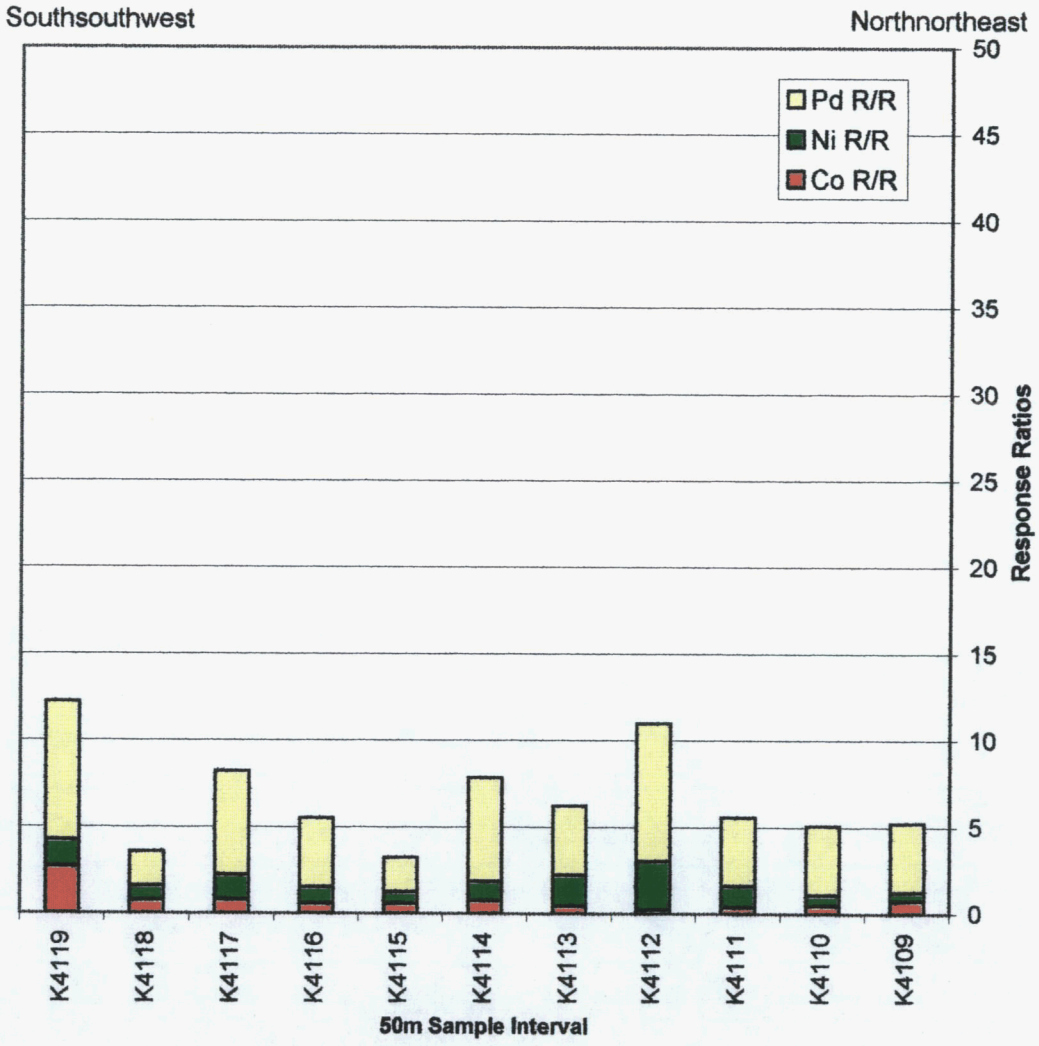
Tr K 103(2)

MMI TRAVERSE 104



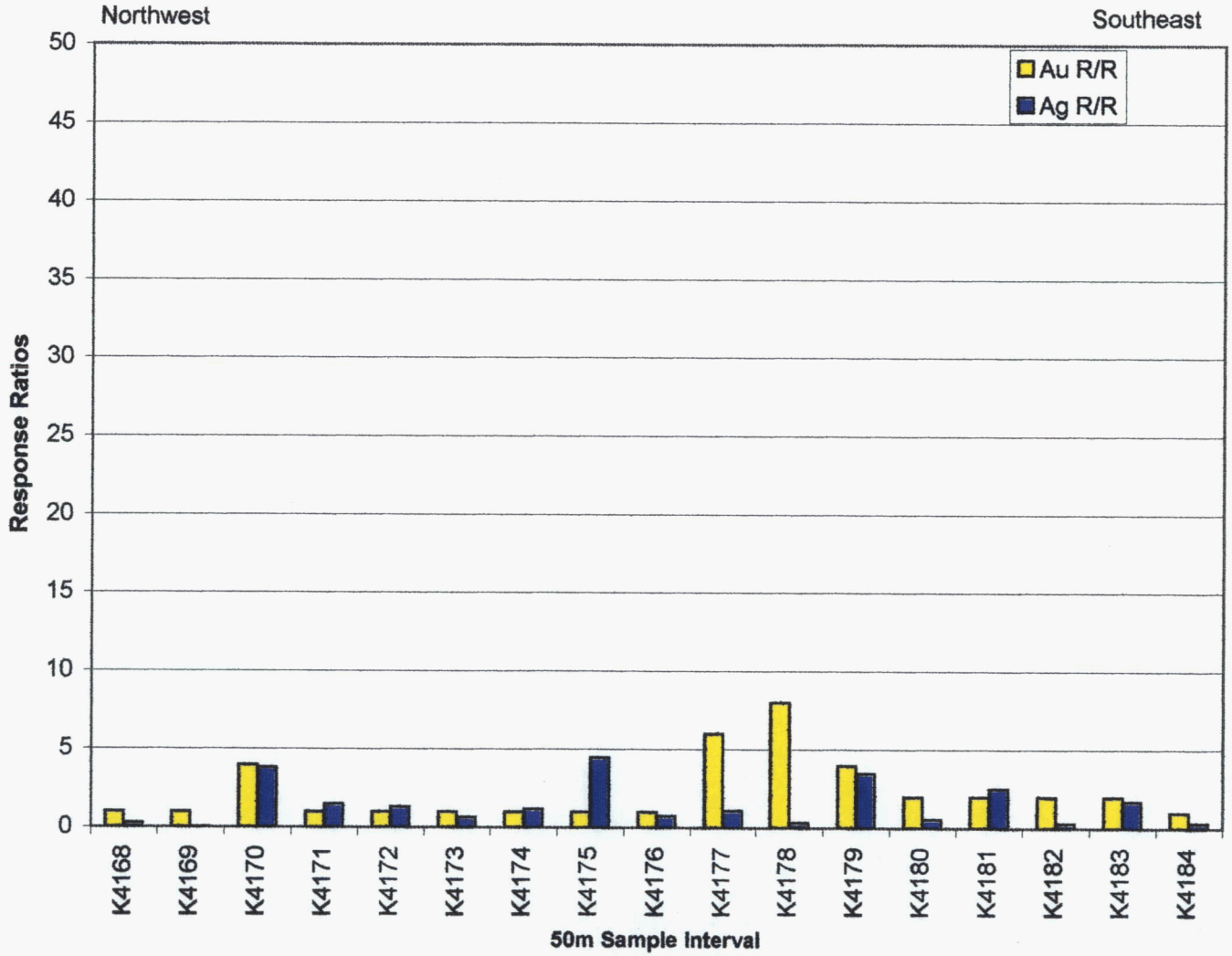
Tr K 104(1)

MMI TRAVERSE 104



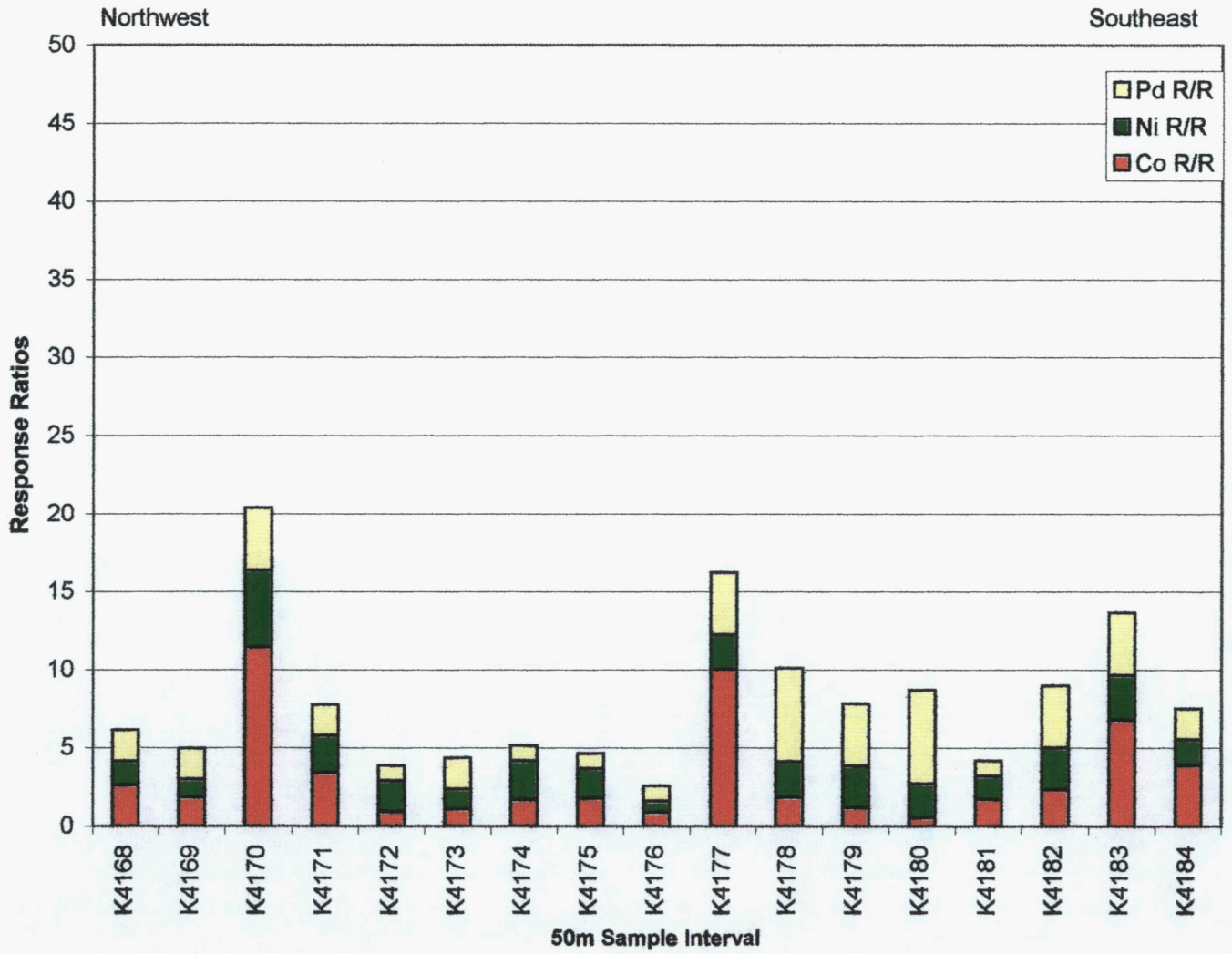
Tr K 104(2)

MMI TRAVERSE 105



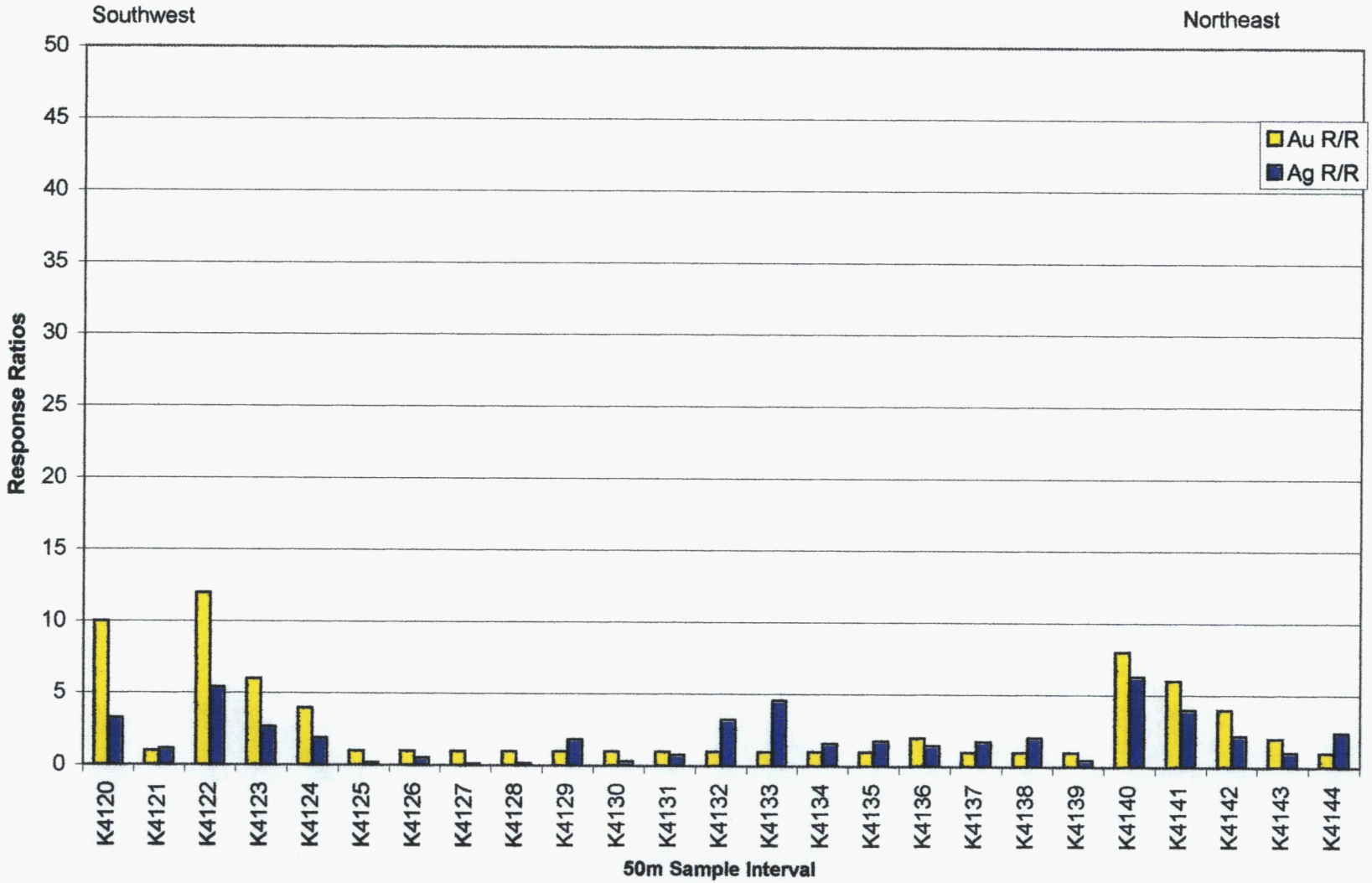
Tr K 105(1)

MMI TRAVERSE 105

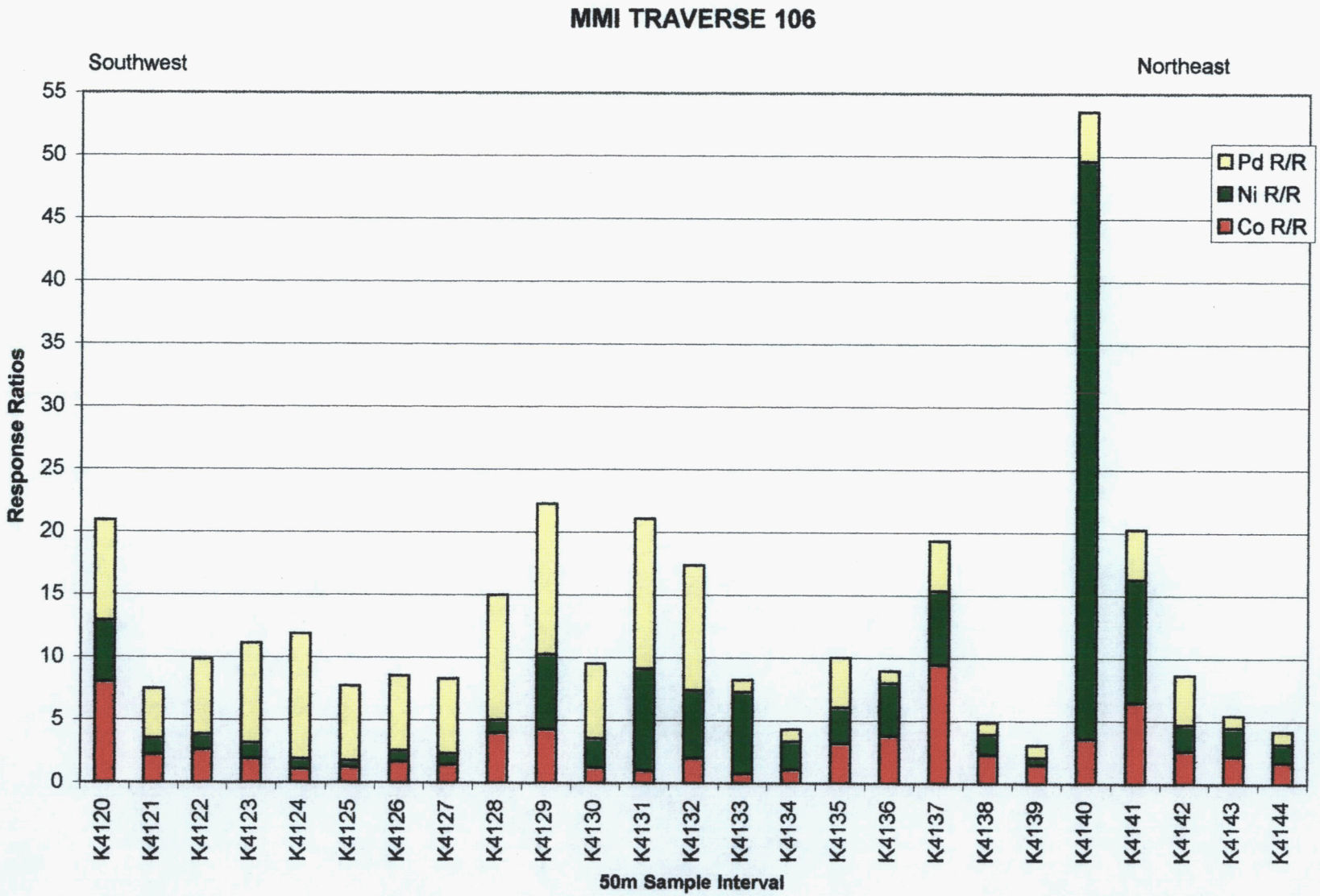


Tr K 105(2)

MMI TRAVERSE 106

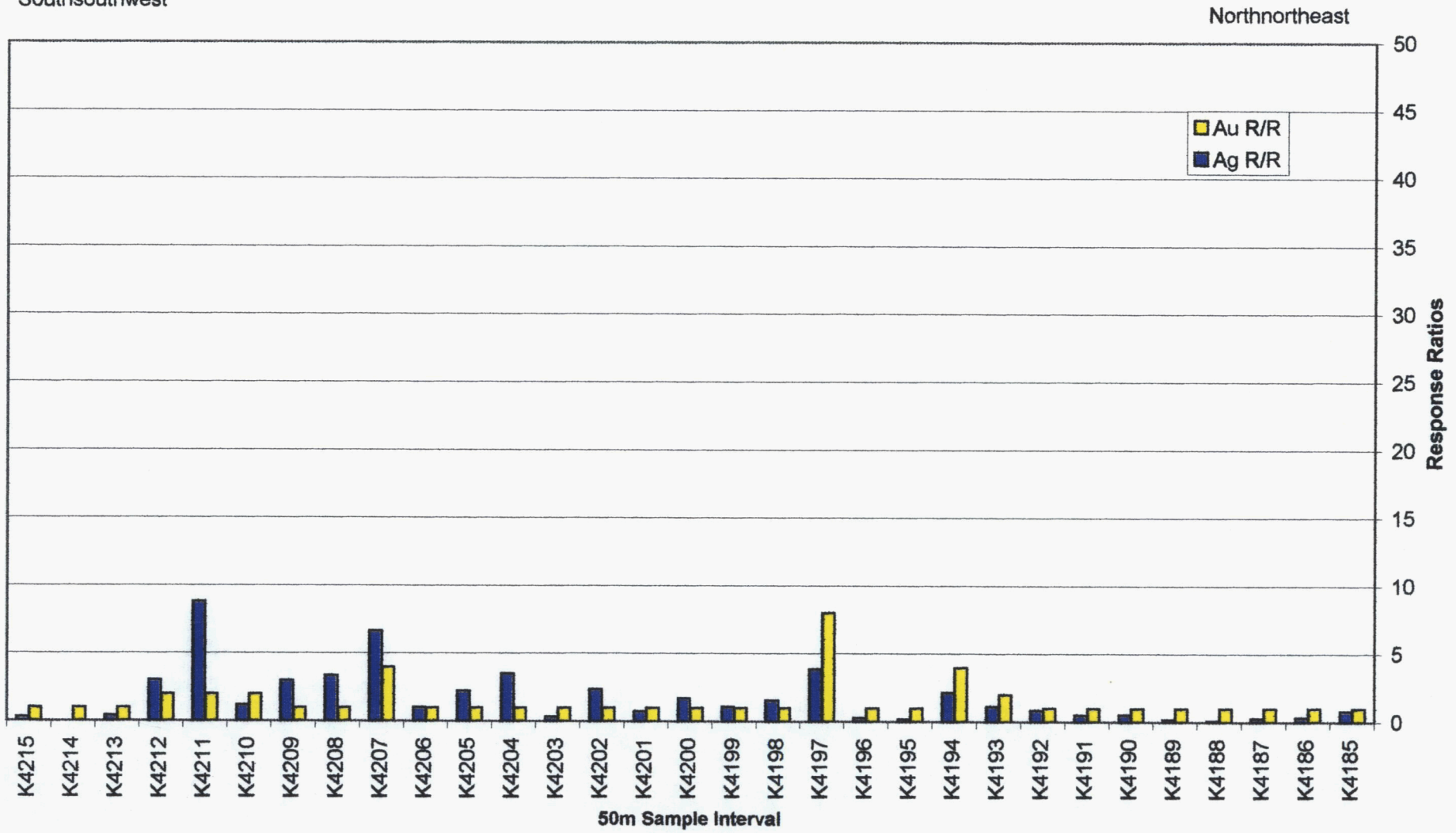


Tr K 106(1)


MMI TRAVERSE 106
Southwest
Northeast
Response Ratios
55
50
45
40
35
30
25
20
15
10
5
0
Pd R/R
Ni R/R
Co R/R
K4120
K4121
K4122
K4123
K4124
K4125
K4126
K4127
K4128
K4129
K4130
K4131
K4132
K4133
K4134
K4135
K4136
K4137
K4138
K4139
K4140
K4141
K4142
K4143
K4144
50m Sample Interval

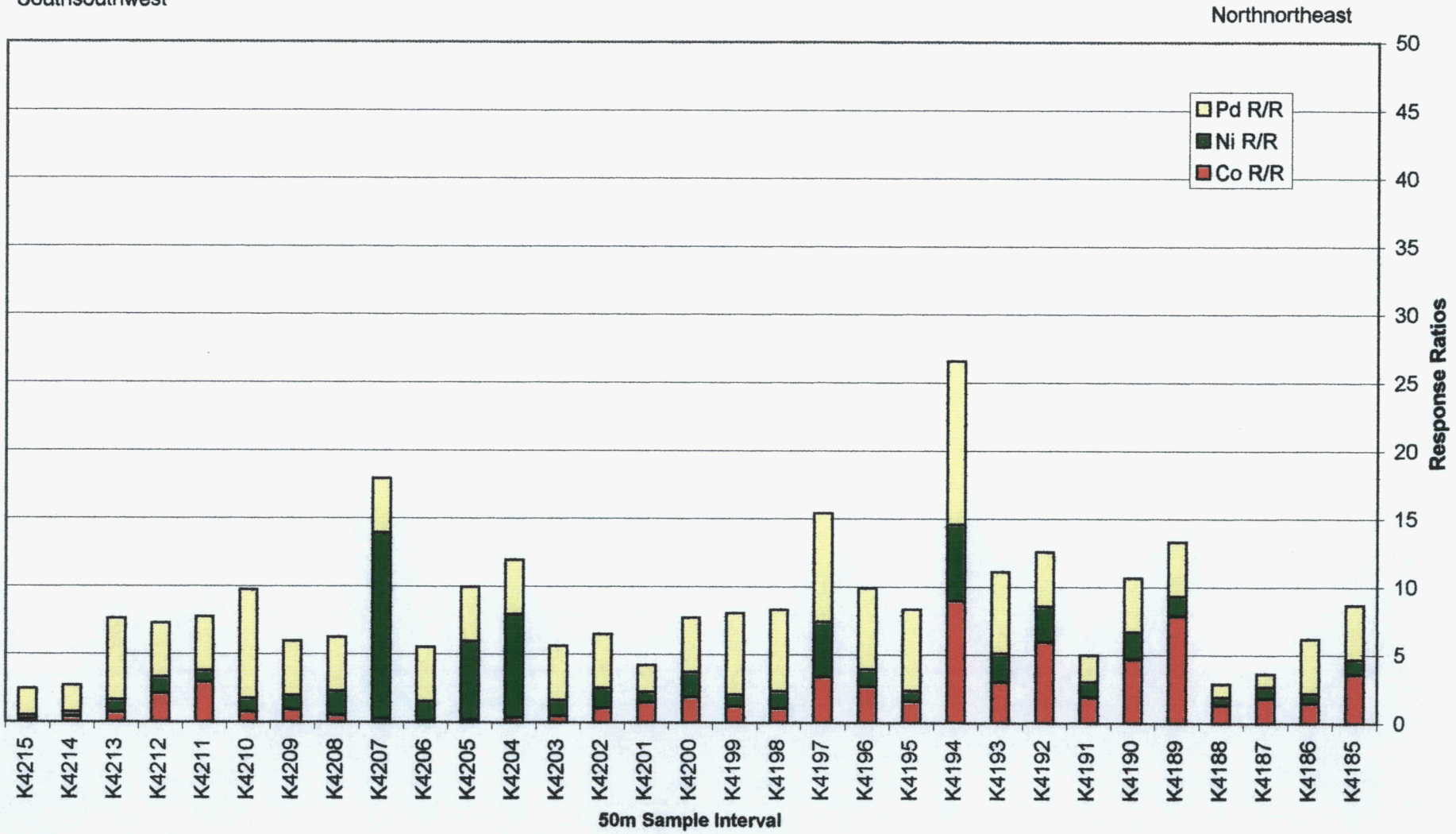
Tr K 106(2)

MMI TRAVERSE 107



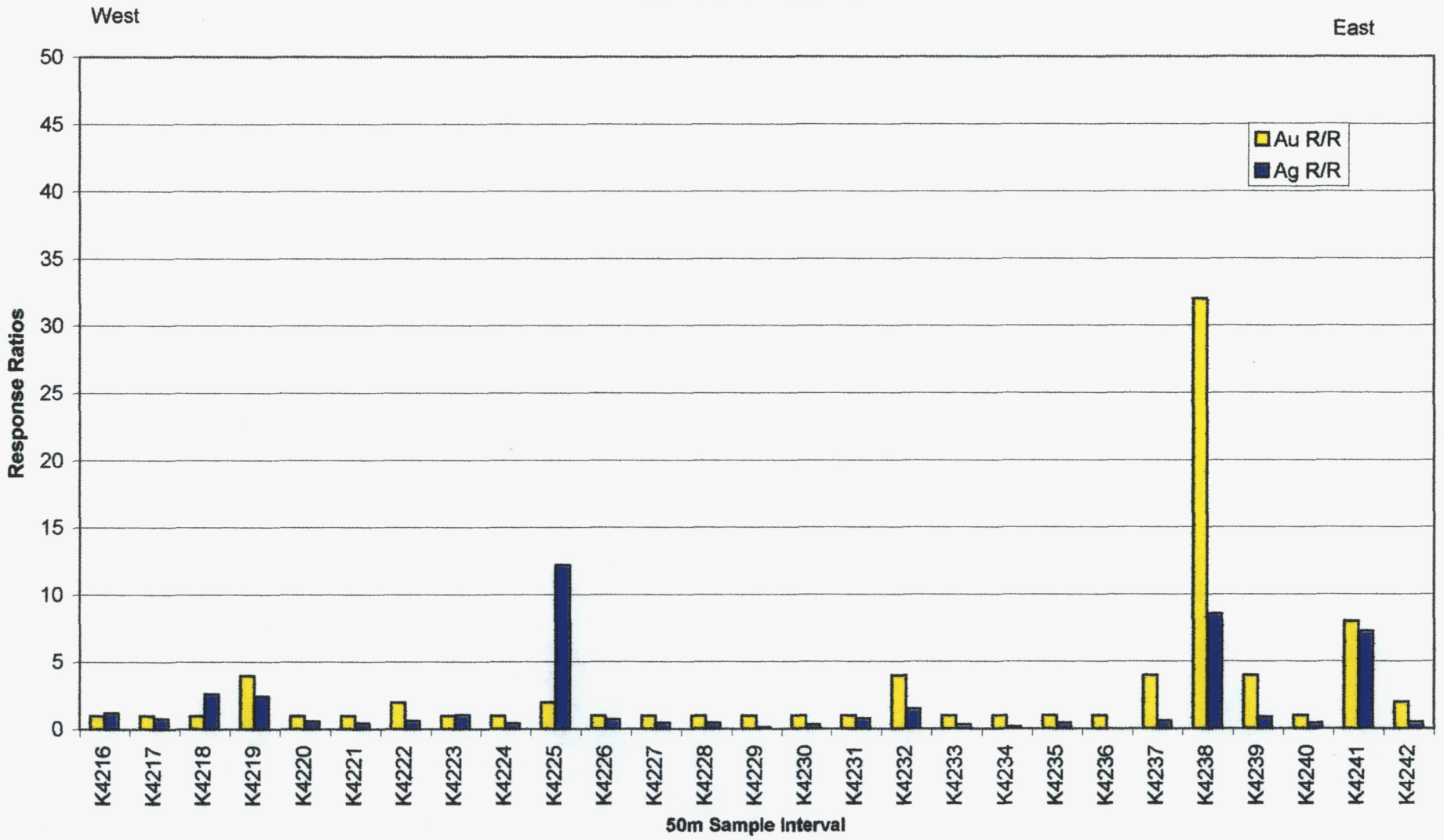
Tr K 107(1)

MMI TRAVERSE 107



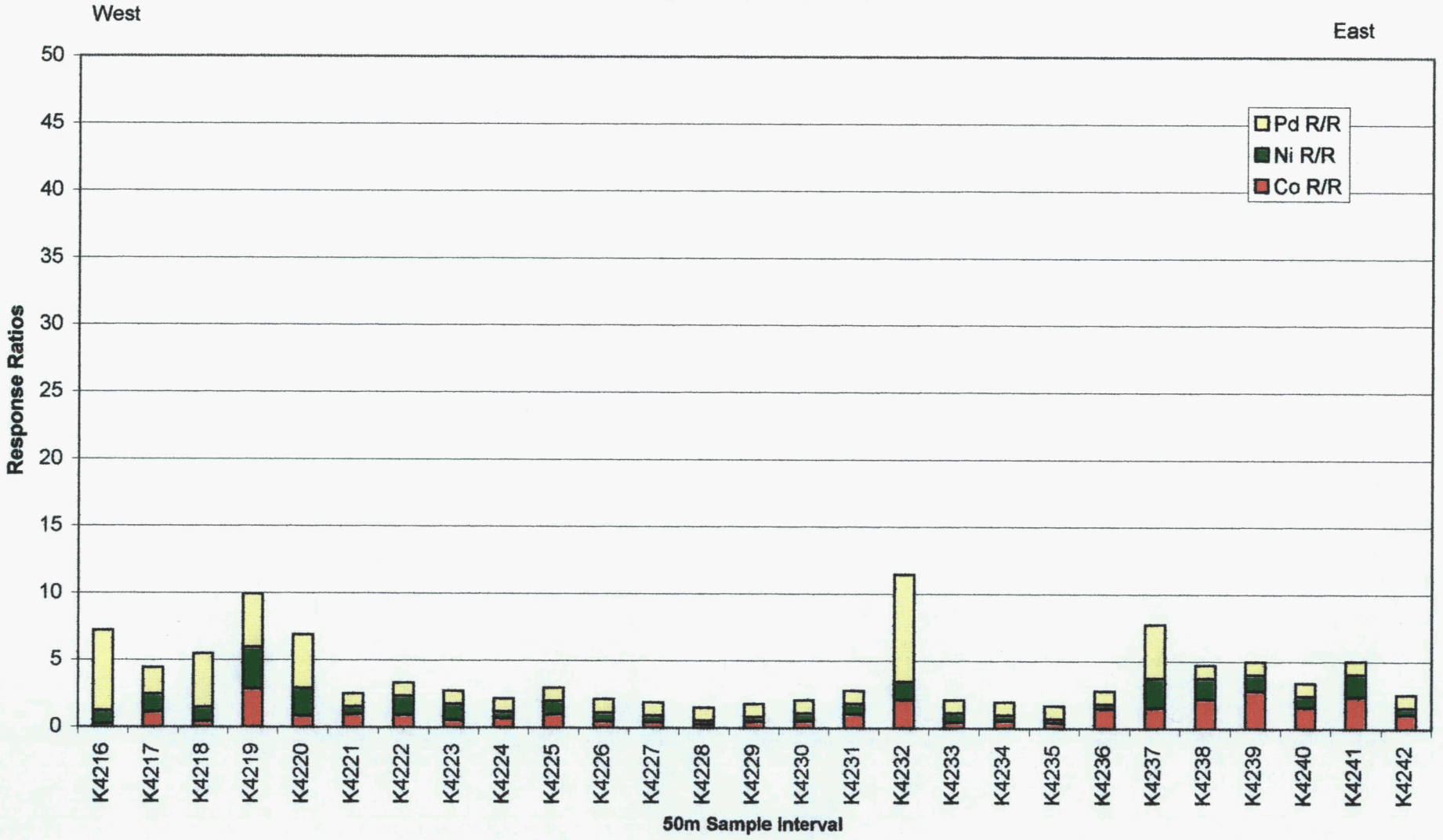
Tr K 107(2)

MMI TRAVERSE 108



Tr K 108(1)

MMI TRAVERSE 108



Tr K 108(2)

APPENDIX IV

(2)

CERTIFICATE OF ANALYSIS

ALS Chemex

Batch: PH20126
Sub Batch: 0

CONTACT:	MR COLIN THOMAS	**LABORATORY:**	PERTH
CLIENT:	.	**DATE RECEIVED:**	03/10/2002
ADDRESS:	KLONDIKE SOURCE LTD 11 LEVEL, 80 ARTHUR STREET NORTH SYDNEY 2060	**DATE COMPLETED:**	11/10/2002
		SAMPLE TYPE:	SOIL
		No. of SAMPLES:	242
ORDER No.:	FAX		
PROJECT:			

COMMENTS

NOTES

This is the Final Report and supersedes any preliminary reports with this batch number.
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

ISSUING LABORATORY: PERTH

Address
31 Denninup Way
Malaga WA 6062
Australia

Phone: 61-8-9249 2988
Fax: 61-8-9249 2942
Email: wayne.abbott@alschemex.com

Signatory

LABORATORIES

AUSTRALIA	*NORTH AMERICA*	*SOUTH AMERICA*	*AFRICA*
Brisbane *Orange* *Alice Springs* *Perth* *Kalgoorlie* *Townsville*	*Vancouver* *Fairbanks* *Thunder Bay* *Chihuahua* *Guadalajara* *Toronto* *Elko* *Reno*	*Santiago* *Calama* *Mendoza* *Antofagasta* *Copiapo* *Quito* *Arequipa* *Lima*	*Mwanza*

Batch: [redacted]PH20126
Sub Batch: 0
Date of Issue: 11/10/2002
Client:
Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4091		5.1	23.6	33	0.3	0.3							
K4092		14.9	31.7	52	0.3	0.4							
K4093		2.1	15.9	15	0.2	<0.1							
K4094		0.2	12.6	41	0.3	<0.1							
K4095		0.5	30.1	31	0.4	<0.1							
K4096		<0.1	27.6	18	0.5	<0.1							
K4097		0.2	16.8	15	0.2	<0.1							
K4098		1.9	24.6	17	0.2	<0.1							
K4099		0.4	114	34	0.5	0.1							
K4100		0.4	46.3	27	0.5	<0.1							
K4101		0.1	94.2	36	0.5	0.1							
K4102		1.7	34.4	20	0.4	0.2							
K4103		2.7	27.6	16	0.4	0.2							
K4104		31.9	18.2	15	0.3	0.5							
K4105		16.0	17.0	9	0.3	<0.1							
K4106		30.3	7.04	10	0.3	0.2							
K4107		3.6	6.94	15	0.1	<0.1							
K4108		9.4	11.5	22	0.2	<0.1							
K4109		25.6	6.58	9	0.2	<0.1							
K4110		24.9	4.15	11	0.2	<0.1							
K4111		57.9	3.28	22	0.2	0.2							
K4112		40.4	2.04	50	0.4	0.1							
K4113		31.9	3.93	32	0.2	0.2							
K4114		36.5	6.62	20	0.3	0.1							
K4115		15.8	4.97	12	0.1	0.1							
K4116		23.0	4.99	17	0.2	0.1							
K4117		19.2	6.94	26	0.3	0.1							
K4118		26.7	6.69	15	0.1	<0.1							
K4119		33.4	24.1	28	0.4	<0.1							
K4120		13.1	72.2	88	0.4	0.5							

[redacted]tch: [redacted] PU20123 [redacted]

Sub Batch: 0

Date of Issue: 11/10/2002

Client: .

Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4121		4.6	20.1	23	0.2	<0.1							
K4122		21.7	23.4	22	0.3	0.6							
K4123		10.7	16.8	23	0.4	0.3							
K4124		7.6	9.58	15	0.5	0.2							
K4125		0.8	11.2	9	0.3	<0.1							
K4126		2.1	15.1	16	0.3	<0.1							
K4127		0.5	13.0	16	0.3	<0.1							
K4128		0.6	35.6	19	0.5	<0.1							
K4129		7.3	38.2	108	0.6	<0.1							
K4130		1.3	10.8	42	0.3	<0.1							
K4131		3.1	8.94	146	0.6	<0.1							
K4132		13.0	18.0	97	0.5	<0.1							
K4133		18.3	6.87	117	<0.1	<0.1							
K4134		6.4	9.48	41	<0.1	<0.1							
K4135		7.1	28.3	52	0.2	<0.1							
K4136		5.9	33.9	76	<0.1	0.1							
K4137		7.0	85.0	106	0.2	<0.1							
K4138		8.1	20.7	29	<0.1	<0.1							
K4139		1.9	13.6	10	<0.1	<0.1							
K4140		25.2	32.2	828	0.2	0.4							
K4141		16.0	58.0	177	0.2	0.3							
K4142		8.7	23.1	38	0.2	0.2							
K4143		4.1	19.5	41	<0.1	0.1							
K4144		9.6	15.0	27	<0.1	<0.1							
K4145		3.6	9.84	20	<0.1	0.4							
K4146		2.2	3.58	8	<0.1	<0.1							
K4147		1.7	17.4	8	<0.1	<0.1							
K4148		14.7	6.32	62	<0.1	<0.1							
K4149		16.3	16.4	52	<0.1	<0.1							
K4150		3.7	21.6	29	<0.1	<0.1							

[redacted]tch: [redacted]PH20120[redacted]
Sub Batch: 0
Date of Issue: 11/10/2002
Client:
Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4151		5.8	18.2	30	<0.1	<0.1							
K4152		0.6	21.3	18	<0.1	<0.1							
K4153		3.0	30.1	24	<0.1	<0.1							
K4154		2.0	18.2	23	<0.1	<0.1							
K4155		7.1	18.2	29	<0.1	<0.1							
K4156		2.4	16.7	22	<0.1	<0.1							
K4157		11.6	32.3	113	0.1	0.2							
K4158		21.3	31.3	448	0.3	0.4							
K4159		4.0	15.0	88	0.3	0.1							
K4160		5.7	5.22	16	<0.1	<0.1							
K4161		3.2	4.41	12	<0.1	<0.1							
K4162		1.5	4.40	16	<0.1	<0.1							
K4163		4.6	6.54	12	0.1	<0.1							
K4164		7.4	3.15	11	<0.1	<0.1							
K4165		7.8	1.70	31	0.2	<0.1							
K4166		2.8	3.49	12	<0.1	<0.1							
K4167		4.9	11.9	23	0.2	0.2							
K4168		1.1	23.4	28	0.1	<0.1							
K4169		0.1	16.4	21	0.1	<0.1							
K4170		15.3	103	89	0.2	0.2							
K4171		6.0	30.5	43	0.1	<0.1							
K4172		5.2	8.11	36	<0.1	<0.1							
K4173		2.6	9.92	23	0.1	<0.1							
K4174		4.7	15.1	45	<0.1	<0.1							
K4175		17.9	16.0	34	<0.1	<0.1							
K4176		3.0	7.87	13	<0.1	<0.1							
K4177		4.3	90.2	40	0.2	0.3							
K4178		1.4	16.6	41	0.3	0.4							
K4179		13.9	10.7	48	0.2	0.2							
K4180		2.3	4.89	39	0.3	0.1							

[redacted]ch: [redacted] [redacted] [redacted]2012[redacted]

Sub Batch: 0

Date of Issue: 11/10/2002

Client:

Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4181		10.1	15.3	27	<0.1	0.1							
K4182		1.2	21.1	48	0.2	0.1							
K4183		6.9	61.0	52	0.2	0.1							
K4184		1.4	34.9	30	0.1	<0.1							
K4185		3.2	32.1	20	0.2	<0.1							
K4186		1.4	13.2	13	0.2	<0.1							
K4187		1.1	16.2	15	<0.1	<0.1							
K4188		0.4	12.0	10	<0.1	<0.1							
K4189		0.8	70.8	26	0.2	<0.1							
K4190		2.1	42.2	36	0.2	<0.1							
K4191		2.0	17.2	20	0.1	<0.1							
K4192		3.4	53.6	47	0.2	<0.1							
K4193		4.5	27.0	38	0.3	0.1							
K4194		8.6	80.7	101	0.6	0.2							
K4195		0.8	14.1	14	0.3	<0.1							
K4196		1.1	23.7	23	0.3	<0.1							
K4197		15.4	30.2	73	0.4	0.4							
K4198		6.2	9.32	23	0.3	<0.1							
K4199		4.4	10.6	16	0.3	<0.1							
K4200		6.8	16.9	33	0.2	<0.1							
K4201		3.0	13.1	14	0.1	<0.1							
K4202		9.5	9.57	26	0.2	<0.1							
K4203		1.4	4.19	21	0.2	<0.1							
K4204		14.1	2.99	137	0.2	<0.1							
K4205		9.0	1.60	104	0.2	<0.1							
K4206		4.1	0.76	26	0.2	<0.1							
K4207		26.6	2.26	246	0.2	0.2							
K4208		13.5	4.42	32	0.2	<0.1							
K4209		11.9	8.19	19	0.2	<0.1							
K4210		4.7	6.82	18	0.4	0.1							

Batch: PH20126
Sub Batch: 0
Date of Issue: 11/10/2002
Client:
Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4211		35.3	26.3	15	0.2	0.1							
K4212		12.1	18.7	22	0.2	0.1							
K4213		1.6	6.20	17	0.3	<0.1							
K4214		<0.1	3.46	6	0.1	<0.1							
K4215		1.1	1.72	5	0.1	<0.1							
K4216		4.9	1.97	18	0.3	<0.1							
K4217		3.1	10.2	24	0.1	<0.1							
K4218		10.5	3.74	19	0.2	<0.1							
K4219		9.9	25.5	56	0.2	0.2							
K4220		2.4	7.62	37	0.2	<0.1							
K4221		1.8	8.61	10	<0.1	<0.1							
K4222		2.5	8.12	26	<0.1	0.1							
K4223		4.2	4.68	22	<0.1	<0.1							
K4224		1.7	6.23	9	<0.1	<0.1							
K4225		48.8	8.98	18	<0.1	0.1							
K4226		2.9	4.21	12	<0.1	<0.1							
K4227		1.9	3.52	9	<0.1	<0.1							
K4228		1.9	2.22	5	<0.1	<0.1							
K4229		0.5	4.25	6	<0.1	<0.1							
K4230		1.3	4.35	11	<0.1	<0.1							
K4231		3.1	9.34	14	<0.1	<0.1							
K4232		6.0	19.0	24	0.4	0.2							
K4233		1.2	4.03	12	<0.1	<0.1							
K4234		0.6	4.64	8	<0.1	<0.1							
K4235		1.8	3.54	5	<0.1	<0.1							
K4236		<0.1	13.2	6	<0.1	<0.1							
K4237		2.4	13.7	40	0.2	0.2							
K4238		34.3	19.5	28	<0.1	1.6							
K4239		3.5	25.1	22	<0.1	0.2							
K4240		1.8	14.4	15	<0.1	<0.1							

[redacted] Batch: [redacted]PH20126
Sub Batch: 0
Date of Issue: 11/10/2002
Client: .
Client Reference:

CERTIFICATE OF ANALYSIS

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
K4241		29.0	21.4	30	<0.1	0.4							
K4242		2.0	9.52	9	<0.1	0.1							

Batch: PH20126
Sub Batch: 0
Date of Issue: 11/10/2002
Client:
Client Reference:

QUALITY CONTROL REPORT

SAMPLE	Element Unit Method LOR	Ag ppb ME-MS10 0.1	Co ppb ME-MS10 0.25	Ni ppb ME-MS10 3	Pd ppb ME-MS10 0.1	Au ppb ME-MS10 0.1							
BLANKS													
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
BLANK		<0.1	<0.25	<3	<0.1	<0.1							
DUPLICATES If applicable, duplicate results for fire assay golds are shown in the main body of the report.													
K4009		4.2	13.3	26	0.3	<0.1							
Original Result		4.6	12.0	23	0.2	<0.1							
K4019		2.3	33.5	15	0.4	<0.1							
Original Result		2.1	29.5	11	0.3	<0.1							
K4029		0.8	18.9	11	0.4	<0.1							
Original Result		0.7	17.1	11	0.3	<0.1							
K4053		3.5	54.9	49	0.1	<0.1							
Original Result		2.2	49.8	44	0.1	<0.1							
K4063		1.0	36.6	52	0.3	<0.1							
Original Result		1.0	41.0	59	0.3	<0.1							
K4073		4.0	17.7	479	0.5	<0.1							
Original Result		4.5	19.7	525	0.6	<0.1							
K4097		0.2	17.1	17	0.4	<0.1							
Original Result		0.2	16.8	15	0.2	<0.1							
K4107		3.0	7.86	18	0.2	<0.1							
Original Result		3.6	6.94	15	0.1	<0.1							
K4117		17.8	6.71	28	0.2	<0.1							
Original Result		19.2	6.94	26	0.3	0.1							
K4141		15.1	53.2	162	0.2	0.2							
Original Result		16.0	58.0	177	0.2	0.3							
K4151		6.2	19.5	33	<0.1	<0.1							

Batch: PH20126
Sub Batch: 0
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QUALITY CONTROL REPORT

SAMPLE	Element	Ag	Co	Ni	Pd	Au							
	Unit	ppb	ppb	ppb	ppb	ppb							
	Method	ME-MS10	ME-MS10	ME-MS10	ME-MS10	ME-MS10							
	LOR	0.1	0.25	3	0.1	0.1							
	DUPLICATES If applicable, duplicate results for fire assay golds are shown in the main body of the report.												
Original Result		5.8	18.2	30	<0.1	<0.1							
K4161		3.2	4.76	14	<0.1	<0.1							
Original Result		3.2	4.41	12	<0.1	<0.1							
K4185		2.9	30.2	18	0.2	<0.1							
Original Result		3.2	32.1	20	0.2	<0.1							
K4195		0.6	13.1	12	0.2	<0.1							
Original Result		0.8	14.1	14	0.3	<0.1							
K4205		7.6	1.50	92	0.2	<0.1							
Original Result		9.0	1.60	104	0.2	<0.1							
K4229		0.5	4.61	6	<0.1	<0.1							
Original Result		0.5	4.25	6	<0.1	<0.1							
K4239		4.0	27.2	24	<0.1	0.2							
Original Result		3.5	25.1	22	<0.1	0.2							
K4240		1.7	13.8	16	<0.1	<0.1							
Original Result		1.8	14.4	15	<0.1	<0.1							
	REFERENCE STANDARDS The data that appears on this report are results for the internal standards analysed in conjunction with this batch.												
STANDARD I.D.		ABSRM12B	ABSRM12B	ABSRM12B	ABSRM12B	ABSRM12B							
RESULT OF STANDARD		29.9	152	774	0.3	31.3							
RESULT OF STANDARD		30.1	152	807	0.2	32.1							
RESULT OF STANDARD		31.1	152	775	0.2	31.8							
RESULT OF STANDARD		30.8	149	789	0.1	32.0							
RESULT OF STANDARD		31.4	153	803	0.1	31.7							
RESULT OF STANDARD		30.5	154	798	0.1	31.6							
TARGET RANGE		29.6-36.4	148-182	774-946	0.1-0.4	30.7-37.7							

APPENDIX V

2002 [illegible] Rock Assays.

Main Identity

From: Reports <Reports@alschemex.com>
To: <info@klondikesource.com.au>
Sent: Wednesday, 13 November 2002 6:04 AM
Attach: CSV_VA02005144_988-102580.csv
Subject: Report : CSV_VA02005144_988-102580 (20021112)

Please do not reply. This message contains a report you requested.

All responses should be sent CLIENTSERVICESNV@ALSCHEMEX.COM

Colin

I've printed the attachment, (see over page).

VA02005144 - Finalized
CLIENT : "DOYGOL - Doyle Gold Consulting"
# of SAMPLES : 5
DATE RECEIVED : 2002-10-29
PROJECT : "
CERTIFICATE COMMENTS : " "

SAMPLE DESCRIPTION	Au (ppm)	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm
PL 2002-01	0.11	0.4	1.73	442	<10.0	120	<0.5	<2.00
PL 2002-02	2.14	0.9	0.1	485	<10.0	20	<0.5	5
PL 2002-05	0.01	<0.2	0.06	68	<10.0	30	<0.5	<2.00
PL 2002-06	0.168	0.3	0.22	1470	<10.0	200	<0.5	<2.00
PL 2002-08	<.005	0.5	0.23	259	<10.0	150	<0.5	7

PL 2002-06 } Costean @ 7093487E; 587188N
PL 2002-08 } (BRECCIA locality, ENCLOSURE 2)

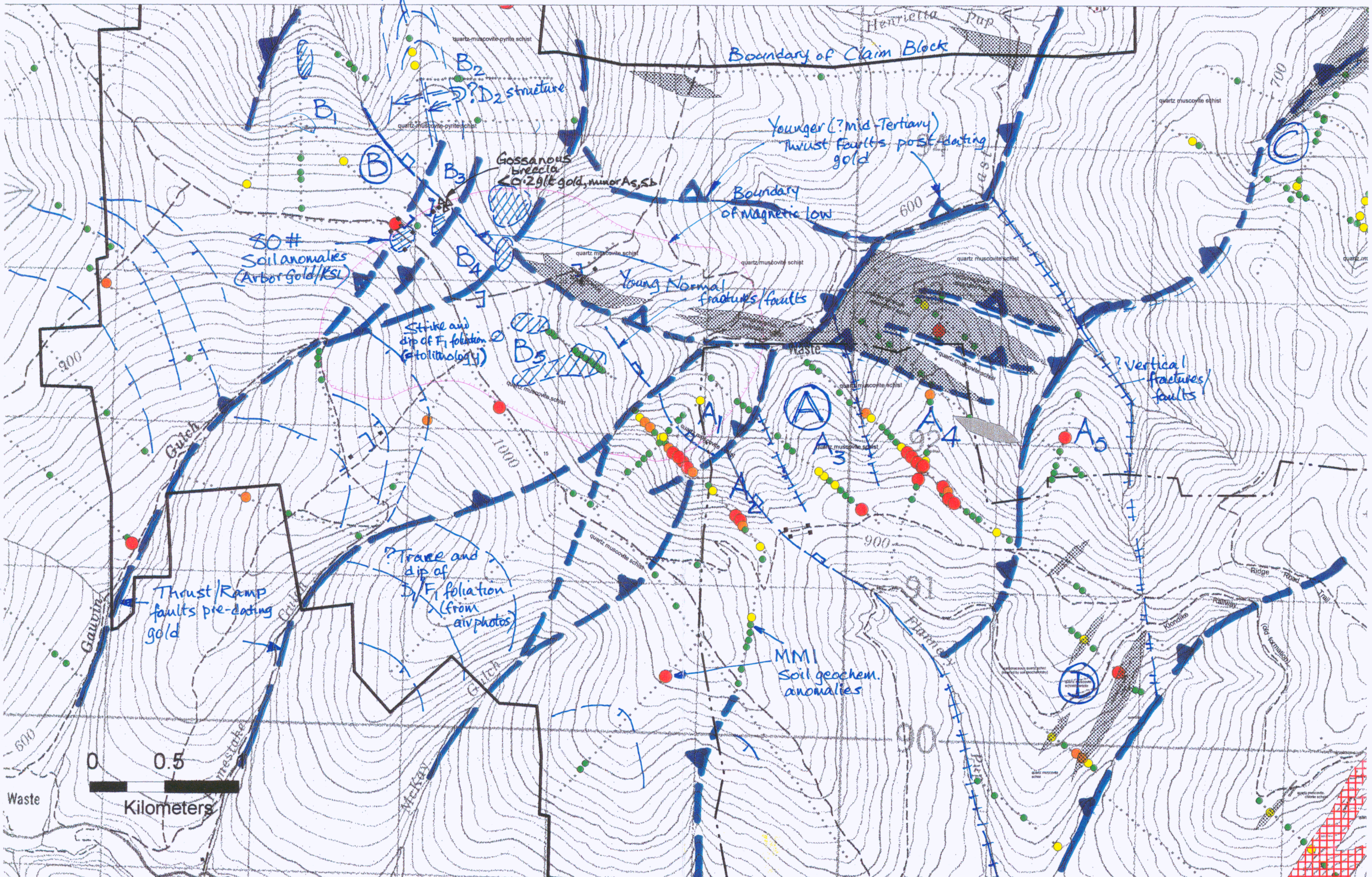
ME-ICP41 Ca	ME-ICP41 Cd	ME-ICP41 Co	ME-ICP41 Cr	ME-ICP41 Cu	ME-ICP41 Fe	ME-ICP41 Ga	ME-ICP41 Hg	ME-ICP41 K
%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
0.6	0.7	21	84	76	4.22	10	2	0.05
>15.0	<0.5	10	75	8	0.94	<10	<1	0.01
0.06	<0.5	1	148	10	0.42	<10	1	0.03
0.19	<0.5	2	100	5	0.91	<10	<1	0.14
4.74	2.4	10	298	15	3.43	<10	1	0.01

ME-ICP41 La	ME-ICP41 Mg	ME-ICP41 Mn	ME-ICP41 Mo	ME-ICP41 Na	ME-ICP41 Ni	ME-ICP41 P	ME-ICP41 Pb	ME-ICP41 S
ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
<10	1.31	874	1	0.03	16	680	8	<0.01
<10	10.95	1445	<1	0.01	136	130	3	0.01
<10	0.03	57	1	0.01	8	90	3	<0.01
20	0.11	254	3	0.01	5	70	18	<0.01
<10	7.17	756	3	0.01	198	30	4	0.01

ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm
<2	4	24	0.08	<10	<10	116	<10	73
<2	<1	166	<0.01	<10	<10	8	<10	2
<2	<1	3	<0.01	<10	<10	3	<10	10
6	1	9	<0.01	<10	<10	1	<10	29
<2	7	457	<0.01	<10	<10	16	<10	143

Au-AA23 Au ppm	PGM-ICP23 Au ppm	PGM-ICP23 Pt ppm	PGM-ICP23 Pd ppm
0.11			
	2.14	<0.005	0.001
0.01			
0.168			
<0.005			

094356



(A) PROSPECTS/DRILL TARGETS
A1-5 ZONES/DOMAINS

ENCLOSURE 2
STRUCTURAL & PHOTOGEOLOGICAL DATA

KSL EXPLORATION (YUKON) LIMITED

KLONDIKE et Claim Blocks

JANUARY, 2003

MMI GEOCHEMISTRY TRAVERSES, 2002

DIKE PLATEAU

103 102 108 106 105 107 104

0.5 0 0.5 1 1.5 2
Kilometers

ENCLOSURE 1

CLAIMS MAP & MMI SOIL GEOCHEM/GEOL. TRAV.