

KSL Exploration (Yukon) Limited

094680

Registered Office: C/- Davis and Company
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Assessment Report for the Renewal of the Quartz Claims,

DOM 11, 13, 15, 41-47, 71-78,
102, 104, 106, 173, 175, 177-182, 207-220,
242-250, 276, 278, 280 & 282.

Dominion Creek area, Dawson Mining District
Yukon Territory

NTS Reference: 115 O/15

Centred at Geographic Co-ordinates:

138° 53' W, 63° 48' 30" N

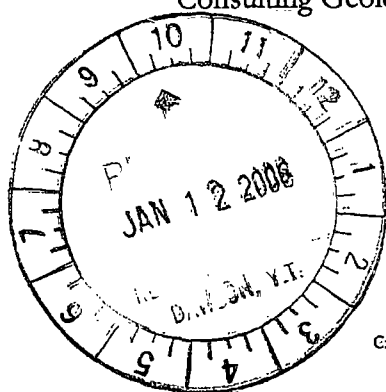
Assessment Work: Geochemical and geological surveying

November 2005

Authors:

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Consulting Geologists and Directors of KSL Exploration (Yukon) Limited



Report prepared for:
The Dawson Mining Recorder
Dawson City, Yukon Territory

Costs associated with this report have been
approved to the amount of \$ 11,200
for assessment credit under Certificate of
Work No. 2000615



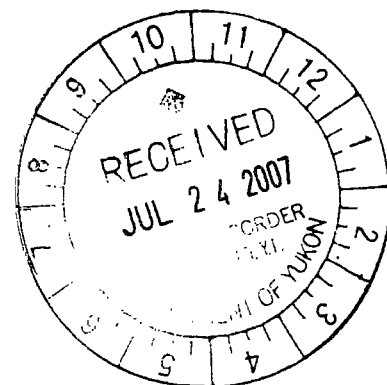
A/ Mining Recorder
Dawson City Mining District

094680

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 \$ 11,200.

M. Bush

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



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1. INTRODUCTION

This report details a reconnaissance program of soil geochemical sampling, associated geology mapping and GPS surveying of the sampling program.

1.1 LOCATION OF CLAIMS

The DOM claims were staked as a contiguous block of 304 claims on open ground on the eastern border of King Solomons Dome covering the Hunker Summit. The claims extended south to cover Dominion Mountain.

The claims are all located on NTS 115 0/15 (Flat Creek) and are some 35 to 40 km southeast of Dawson City (Figure 1).

1.2 ACCESS

The area of the claims has good access from Dawson City via the Tourist Loop Road and the Hunker Summit – Dominion Creek and – Gold Run Creek tracks.

1.3 SCHEDULE OF CLAIMS FOR RENEWAL

Appendix 1 contains a list of the claims which are being renewed.

2. PREVIOUS EXPLORATION

There is one historic record of an auriferous quartz vein locality, Lloyd, within the claim block (Minfile 115O 066). The exact position of the locality on the hillside north of Caribou Creek is not recorded. It is reported (op.cit.) that shallow trenching and several shafts were completed in the period 1905 to 1909.

The Lloyd locality was covered by the Kloyd claim block in the early 1980's. A summary inspection and report of the typical Klondike goldfield geology of these claims was filed by Archer, Cathro and Associates (Mortensen, 1984).

There are exploratory workings (shallow trenches) at the head of the right fork of Caribou, for which there is no obvious reason. In addition, to the west of this locality (close to the junction of the Caribou Creek and Gold Run Creek tracks) there are the remnants of a shaft with quartz vein material in the waste dump (Minfile).

In 2000/2001, the Geological Survey of Canada (Shives et al, 2001) covered the area with a low level (120m) aeromagnetic-radiometric survey at a 500m line spacing.

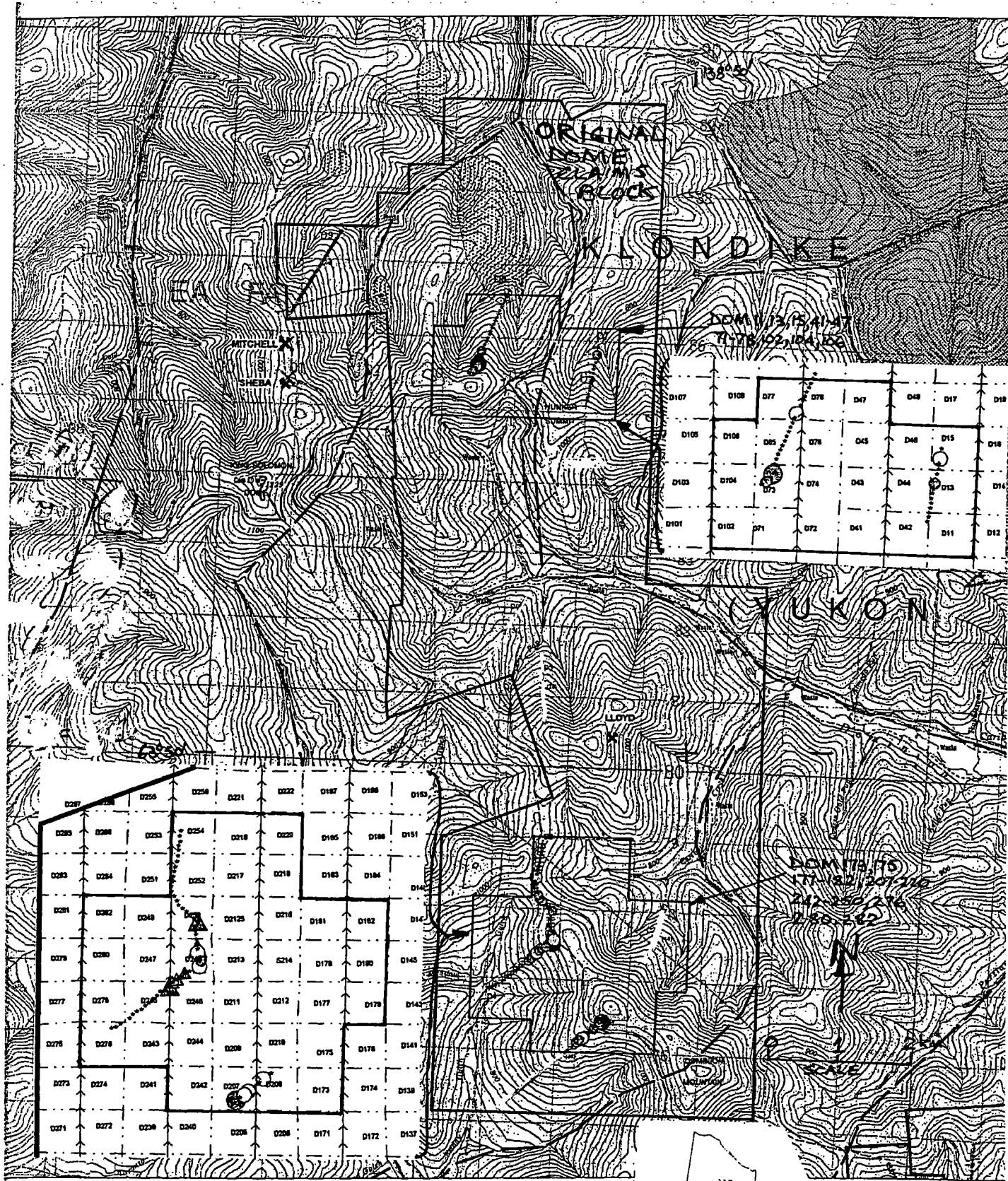
No systematic exploration appears to have been carried out in the DOM claims.

3. REGIONAL & DISTRICT GEOLOGY

The geology of the Klondike Goldfield remains poorly known and even less understood.

The predominant rocks are mylonitised, meta-igneous and metasedimentary siliceous schists (the Klondike Schist). Ophiolitic meta-igneous rocks (of the Slide Mountain Terrane) and carbonaceous silica-rich schists (Nassina Formation) are confined to the sector of the Goldfield north of the Dome claim group.

The summit of Dominion Mountain has one of the very few naturally occurring in situ rock outcrops. Here quartz mica schists form a small amplitude anticlinal fold trending NNW with an inferred sub-horizontal axial trace. The core of the fold is characterised by carbonate veining.



Claims retained

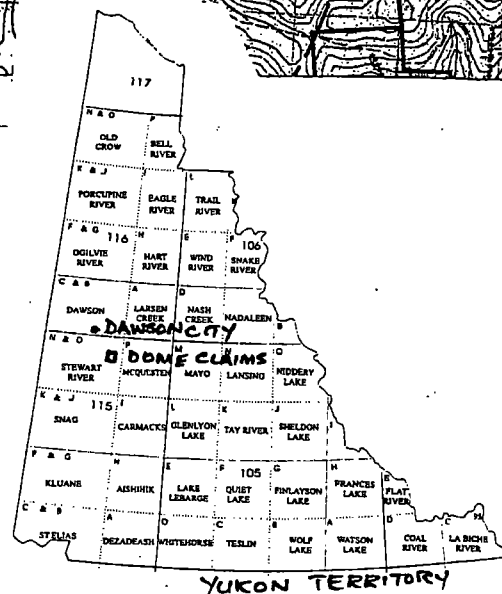


Lloyd vein gold occurrence



Geochemical soil survey lines, 2004

FIGURE 1: Location Map & Claims



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Structurally, the arcuate nature of the two major creeks in this district, viz. Dominion and Sulphur creeks suggest that they form the outline of a regional domal structure, which is like to be related to the inferred broader elongate domal structure of the Goldfield (Thomas, 2000).

The recent 2000/2001 aerial magnetic survey provided data difficult to interpret without a better understanding of the complex geology and geological history of the region. Some features of this magnetic data are:

- the very low magnetic amplitude of the data, and
- the lack of correlation of magnetically positive (high) anomalies with known hardrock gold occurrences or inferred significant source areas for placer gold.

In the DOM claim area (Figure 2), there are two magnetic features of possible interest:

- (1) An inferred major right lateral shear or fault trending E of N. There are inferred parallel structures in the regional survey data further southeast. This fault zone, it is suggested, is related to (or conjugate with) the F_1 foliation of the Klondike Schist, which has a regional trend of WNW to NW (Marjoribanks, 1999). It is noted that evidence for the existence of this structure is provided by a younger dyke feature at the southern end, and topographic/photogeological data (e.g. the change in direction of Sulphur Creek).
- (2) The eastern border of Dominion Mountain is characterised by a region unique, NNW-trending, narrow, magnetic low, which is reasonably interpreted as a gabbro dyke. The magnetic polarity of this feature is very similar to a suite of reversely magnetised (remnant) dykes, known to be coarse dolerite/gabbro trending N-S. The latter suite of dykes is almost certainly younger and most reasonably attributed to the Carmacks (K/T) plutonic (volcanic) cycle.

It is suggested that the intersection of these two major magnetic/structural features, in the district of the southern block of retained DOM claims, may be significant for the hardrock gold source of the nearby Green Gulch placer gold.

4. 2004 EXPLORATION PROGRAM

4.1 SOIL GEOCHEMICAL SURVEY

Figures 1, 3 and 4 outline the location of the four ridge soil geochemical traverses completed. A total of 104 sample points were sampled for Mobile Metal Ion (MMI) assay procedures and 94 of these points were also sampled for conventional 80-mesh, B horizon soil geochemical analysis.

Details of the analytical data are contained in Appendix 3. Approximately 11.5% of the MMI samples (12 of 104) were deemed to be anomalous and 5% of the 80-mesh samples were considered anomalous.

4.2 GEOLOGY

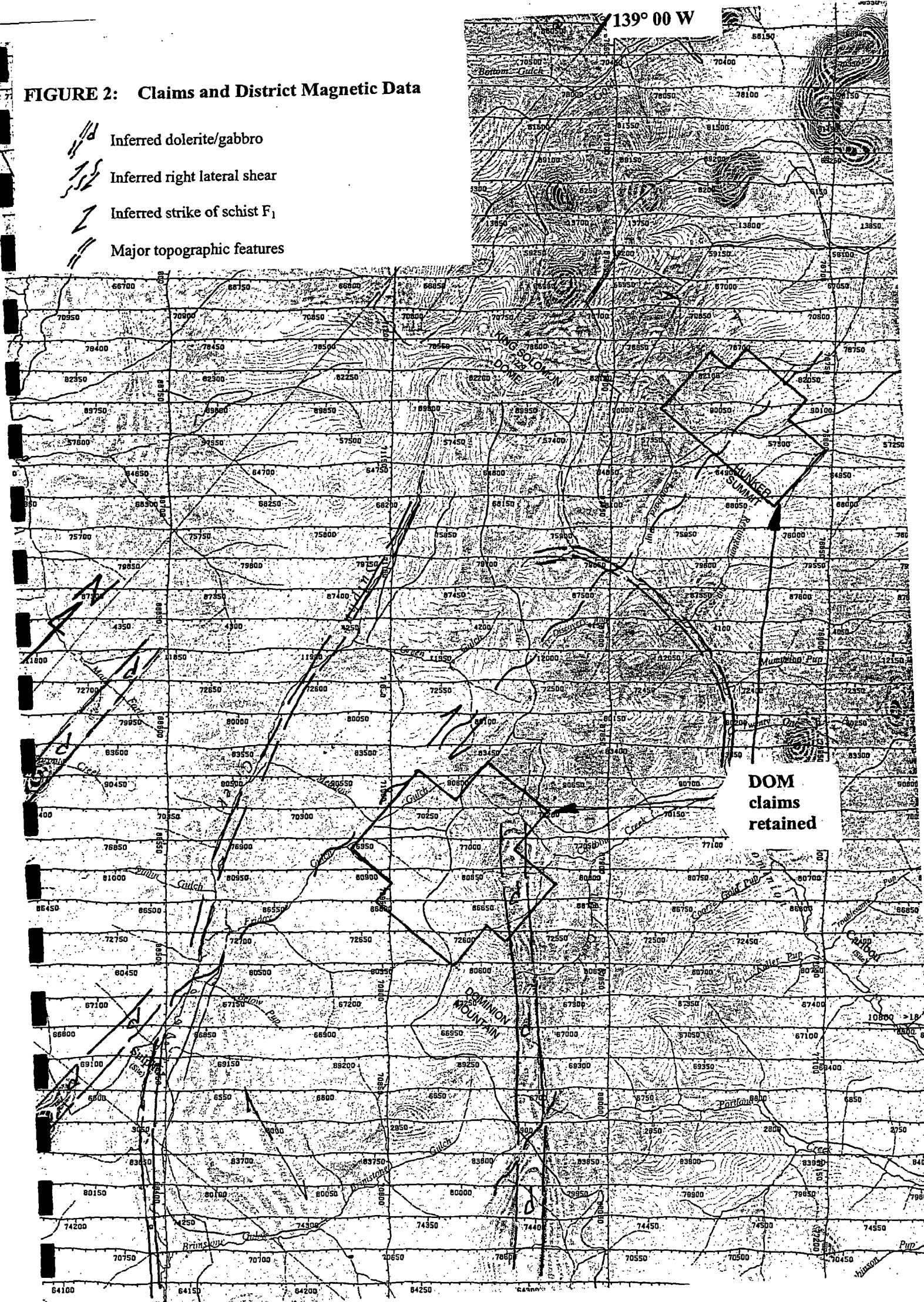
Reconnaissance geological traverses were undertaken along Caribou Creek, to the headwaters of this Creek from the Gold Run Creek and to the summit of Dominion Mountain.

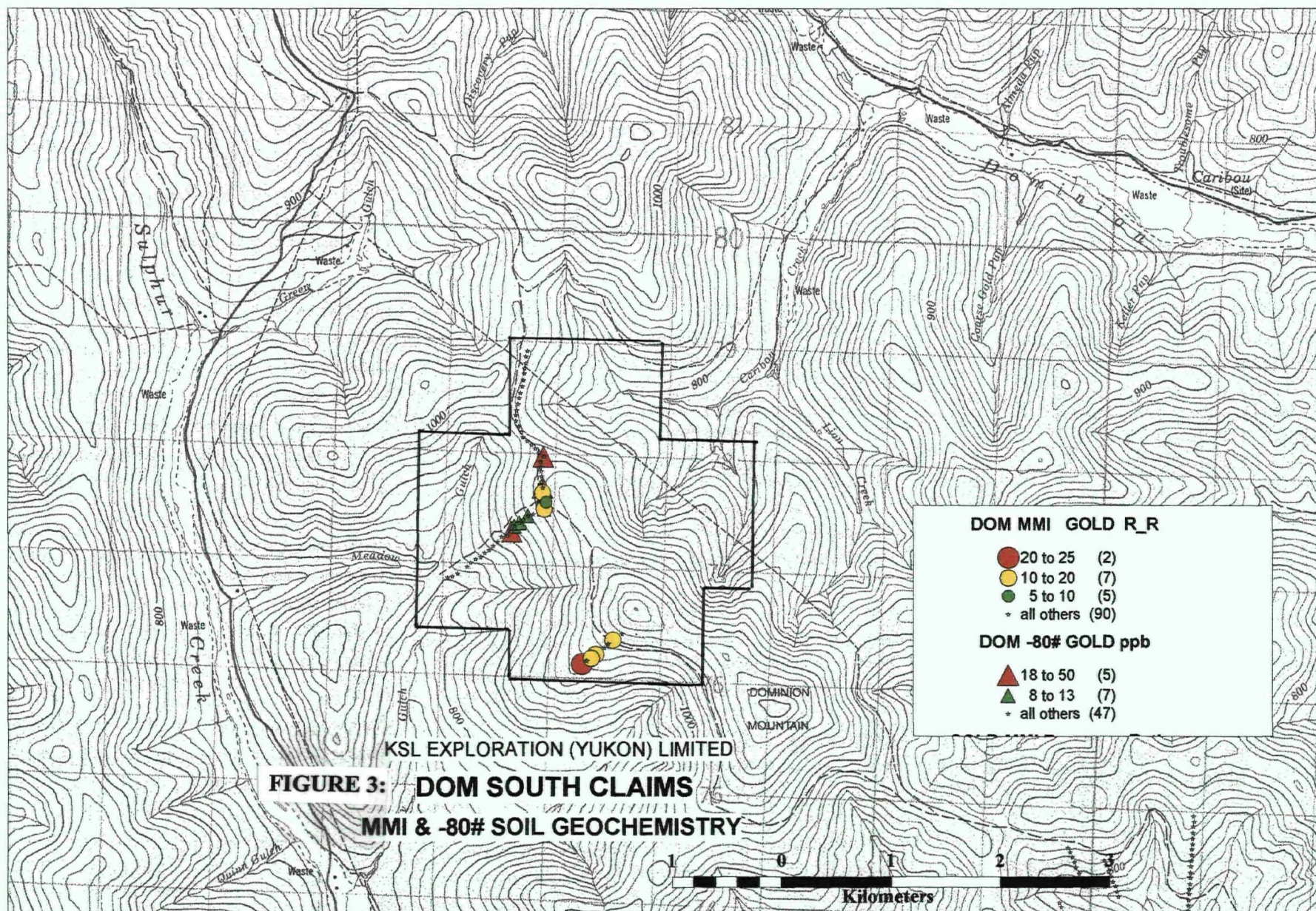
The rock exposures on the summit of Dominion Mountain consist of quartz-mica schist, typical of the Klondike Schist formation, folded into a minor fold with a sub-horizontal fold axis. Carbonate veining is prominent in the core of the fold.

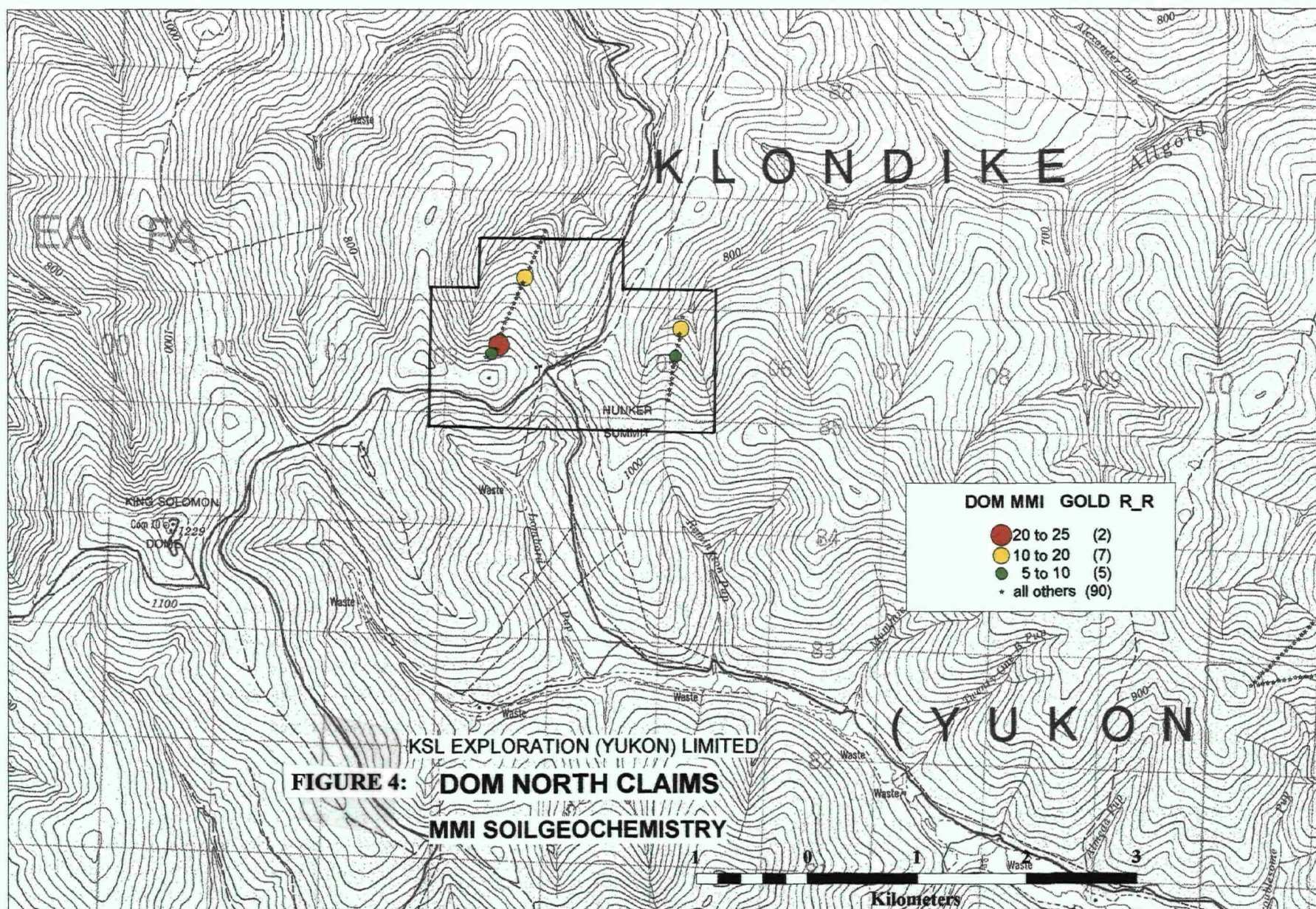
The lower reaches of Caribou Creek have been extensively worked for placed gold and lack significant rock outcrops. At the head of the right fork of Caribou Creek, old shallow prospect workings expose minor outcrops of quartz-mica schist.

FIGURE 2: Claims and District Magnetic Data

-  Inferred dolerite/gabbro
-  Inferred right lateral shear
-  Inferred strike of schist F₁
-  Major topographic features







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Geological observations at each sample point of the geochemical survey were recorded and form part of the Soil Geochemical Assay Ledger (Appendix 3).

4.3 GPS SURVEY

All sample location points were surveyed using a GPS and the data are collated in the Soil Geochemical Assay Ledger.

5. COMMENTS

Exploration elsewhere in the Klondike Goldfield has generally shown a reasonable positive correlation between MMI and 80-mesh sample anomalism. The surveys reported herein show a poorer than usual correlation, although the only 80-mesh anomalies are adjacent to low order MMI anomalies.

It should be noted that exploration drilling elsewhere in the Klondike Goldfield (Adamson & Thomas, 2005) has shown that MMI or low-order 80-mesh soil assays for gold are not a good guide to gold mineralisation.

References:

- | | |
|---------------------------------------|--|
| Adamson, R.G. and Thomas, C.M., 2000: | Assessment Report for the Renewal of Klondike and Wedge Claim Blocks, Dawson Mining District. Unpublished report prepared for The Dawson Mining Recorder by Klondike Source Limited. |
| Adamson, R.G. and Thomas, C.M., 2005: | Assessment Report for the Renewal of Klondike , Bear, Gap, If, Git, Nug, Act and Oz Claim Groups, Bonanza Creek-Bear Creek District, Dawson Mining District. Unpublished report prepared for The Dawson Mining Recorder by KSL (Yukon) Limited, June 2005. |
| Anon | Yukon Minfile. Yukon Geology Program publication |
| Marjoribanks, R., 1999 | Geology and Gold Mineralisation of the Klondike Area, Canada. An Air Photo Interpretation Based Study (Appendix II in Adamson and Thomas, 2000). |
| Mortensen, J.K., 1984 | Assessment Report for the Kloyd Claims 1-45, 9-10, 11-16. Report prepared for Archer Cathro and Assocs. |
| Shives, R.B.K., et al, 2001 | Geological Survey of Canada Open File 3992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File 2001-8, Magnetic Anomaly Map (Residual Total Field), Stewart River Area - 115 O/14, Scale 1:50 000. |

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Appendix 1

Schedule of Claims for Renewal

Name No.	Grant Number	Period for renewal	Renewal Costs (C\$)
DOM 11	YC 30957	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 13	YC 30959	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 15	YC 30961	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 41 - 47	YC 30987 -30993	to be renewed for 24 mths to 2007-05-25	7 x 10: 70.00
DOM 71 - 78	YC 31017 -31024	to be renewed for 24 mths to 2007-05-25	8 x 10: 80.00
DOM 102	YC 31048	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 104	YC 31050	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 106	YC 31052	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 173	YC 31119	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 175	YC 31121	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 177 - 182	YC 31123 -31128	to be renewed for 24 mths to 2007-05-25	6 x 10: 60.00
DOM 207 - 220	YC 31153 - 31166	to be renewed for 24 mths to 2007-05-25	14 x 10: 140.00
DOM 242 - 250	YC 31188 -31196	to be renewed for 24 mths to 2007-05-25	9 x 10: 90.00
DOM 276	YC 32722	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 278	YC 32724	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 280	YC 32726	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
DOM 282	YC 32728	to be renewed for 24 mths to 2007-05-25	1 x 10: 10.00
			56 560.00
Number of Claim Groups = 5		CLAIMS RENEWAL:	560.00
		GROUPING COST 5 x C\$5	25.00
		TOTAL:	585.00

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Appendix 2

Expenditure Statement

**Sampling, GPS, Sample Point Geology
(between 20-27th August, 2004):**

P. Ledwidge	6 days @ \$350/day	2,100
F/Asst	6 days @ \$225/day	13,500
Vehicle hire	6 days @ \$100/day	600

Analytical costs:

104 MMI – assays @ \$23	2,392
94 80# assays @ 21.85	2,054

Planning/Recce. Geology:

C.M. Thomas	2 days @ \$800/day	1,600
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Compilation/Interpretation:

C.M. Thomas & R G Adamson	1,000
1.25 days @ \$800/day	

Expenses:

Freight	60	
Consumables	35	
Accommodation	300	395
		11,491

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Appendix 3

Soil Geochemical Assay Ledger (CD Format)

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
		EAST	NORTH	ELEV							
TRAVERSE (MMI)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug27-04			By: PL, SJ						
D1		Sample Interval (m): 50									
	D4886	D4886	605589	7076464	s++	20	a org	b	cl	qms	
	D4887	D4887	605551	7076430	s++	25	a b org	y b grb	cl si	qms q eyes, ox p	
	D4888	D4888	605508	7076403	s++	25	a b	b yb	si cl	cqs	
	D4889	D4889	605471	7076369	s++	20	b<a<org	o grb	si cl gr	ox s	
	D4890	D4890	605436	7076333	s++	15	b	ob	si cl gv	qms, red vitrous mineral garnet?	
	D4891	D4891	605397	7076303	s+	15	b<a<org	ob b	cl si gv	qms q bands with c	
	D4892	D4892	605361	7076272	s+	20	b<org	ogr b	cl si	qv cqs ox p	
	D4893	D4893	605324	7076236	F	20	b	gr ob	si cl gr	ox s, meta q	
	D4894	D4894	605281	7076211	s	20	b<a<org	ob<b	si cl gv	qms ox, c	
	D4895	D4895	605241	7076179	s	20	b<a<org	ob gb	cl si gv	qte c, ox p	
D4890											
D4896 Check for D4890											
DUP-D4890											

SAMPLE No	Sample Ident	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
TRAVERSE (MMI)	Scheme Code	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
	Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
	Detection Limit	1	10	0.1	10	1	10	10	10	5	5	10	1	0.5	0.5	1	1	1	5	0.5	1
D1																					
	D4886	37	14	<0.1		1422	1	22	375	155	208	1586	48	32.7	10.1	45	136	3	<5	5.5	153
	D4887	13	20	<0.1		2944	1	58	135	239	620	568	47	27.5	9.9	46	140	8	6	12.4	150
	D4888	7	23	0.6		1490	<1	50	<10	127	70	213	17	8.4	4.5	19	70	5	<5	5.5	69
	D4889	8	35	<0.1		1191	<1	15	50	50	165	368	24	13.3	3.5	17	23	3	<5	2	40
	D4890	8	<10		0.1	730	<1	<10		11	83	188	11	8	1.1	5	6	2	<5	1.3	9
	D4891	5	11	<0.1		936	<1	10	17	35	76	191	11	5.7	1.9	8	18	2	<5	2.1	23
	D4892	5	<10		0.8	921	1	16	15	91	218	397	17	8.2	4.1	17	44	2	<5	2.3	54
	D4893	33	18		0.9	1997	<1	162	<10	241	105	845	31	14.3	10	40	108	8	5	2.5	142
	D4894	26	<10		0.1	1241	<1	64	58	45	159	400	22	12.8	3.2	15	15	12	<5	2.1	35
	D4895	16	31	1.2		1579	<1	16	50	136	245	557	27	13.2	6.7	29	54	2	<5	2.9	85
	D4890	8	<10		0.1	730	<1	<10	<10	11	83	188	11	8	1.1	5	6	2	<5	1.3	9
	D4896	18	<10		0.2	914	<1	<10	<10	58	122	240	19	10.9	3.5	15	25	3	<5	2.1	40
DUP-D4890		8	10	0.1		804	<1	<10	<10	12	90	179	9	6.9	1	5	6	2	<5	1.4	9

SAMPLE No	Pb MMI-M5	Pd MMI-M5	Pr MMI-M5	Rb MMI-M5	Sb MMI-M5	Sm MMI-M5	Sn MMI-M5	Sr MMI-M5	Te MMI-M5	Th MMI-M5	Ti MMI-M5	Tl MMI-M5	U MMI-M5	W MMI-M5	Y MMI-M5	Yb MMI-M5	Zn MMI-M5	Zr MMI-M5
TRAVERSE (MMI)	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
D1	10		1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1	20
																		5
D4886	1601	<1		35	180	1	38	<1	75	<10	53.7	2230	<0.5	20	<1	269	28	676
D4887	587		2	36	27	2	35	<1	214	<10	69.9	4970	<0.5	20	<1	249	23	691
D4888	203	<1		17	56	1	16	<1	139	<10	22.6	2330	<0.5	8	<1	94	7	56
D4889	281	<1		8	42	<1	11	<1	75	<10	19.1	668	<0.5	9	<1	130	11	322
D4890	385	<1		2	29	<1	3	<1	29	<10	11.5	355	<0.5	3	<1	63	7	201
D4891	252	<1		5	48	<1	6	<1	36	<10	12.1	969	<0.5	4	<1	56	4	96
D4892	505	<1		12	50	<1	14	<1	32	<10	36.2	948	<0.5	8	<1	79	7	101
D4893	481	<1		32	44	2	34	<1	268	<10	26.9	2100	<0.5	14	<1	151	11	54
D4894	334	<1		7	56	<1	10	<1	316	<10	14	1310	<0.5	7	<1	133	10	108
D4895	423		1	18	51	1	23	<1	55	<10	34.2	1500	<0.5	16	<1	125	10	152
D4890	385	<1		2	29	<1	3	<1	29	<10	11.5	355	<0.5	3	<1	63	7	201
D4896	405	<1		9	39	<1	11	<1	33	<10	17.3	886	<0.5	5	<1	104	9	30
DUP-D4890	348	<1		2	27	<1	3	<1	30	<10	12	380	<0.5	3	<1	53	6	239

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
		EAST	NORTH	ELEV							
TRAVERSE (MMI)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug23-04			By: PL, SJ						
D3		Sample Interval (m): 50									
	D4830 D4830	604842	7077647		S	25	a org	b	cl	cs	
	D4831 D4831	604834	7077695		S	20	b org	gr b	cl si gv	cs non mag	
	D4832 D4832	604830	7077743		S	20	b a<org	ygrb,b	cl si gr	c qs	
	D4833 D4833	604820	7077796		S	25	a org	b	cl	qv, cqs	
	D4834 D4834	604815	7077844		S+	40	a org	b	cl	ox cqs	
	D4835 D4835	604810	7077891		S+	25	b	grb ob	cl si gv	cqs	
	D4836 D4836	604807	7077924		S+	35	b	yb grb	cl si gv	cqs	
	D4837 D4837	604800	7077974		S+	30	b	y grb	si cl gv	cqs	
	D4838 D4838	604827	7078020		S+	20	a org	b	cl	qte c s, lim blebs more massive	
	D4839 D4839	604789	7078056		S	10	a org	b	cl	qte m b? ox	Dup is D4860
	D4840 D4840	604753	7078090		S	15	b<a	ob b	cl si	cqs	
	D4841 D4841	604715	7078124		S	15	a org	b	cl	cqs	
	D4842 D4842	604674	7078156		S	10	a<org	lb	cl si	cqs ox	
	D4843 D4843	604634	7078190		S+	15	b org	ob	si cl gr	qte ser banded ox cqs	
	D4844 D4844	604618	7078236		S	15	b org	ob	si cl gr	qte c ox lim p	
	D4845 D4845	604593	7078282		S	15	b<a	ob b	cl gr si	ox q cs	
	D4846 D4846	604563	7078331		S	15	a org	b	cl	ox s	
	D4847 D4847	604561	7078383		R	15	a b org	lb ob	si cl	ox s c?	
	D4848 D4848	604566	7078428		R	15	b	ob	cl si gr	qv, mqs, qms bl q eyes lim blebs	
	D4849 D4849	604579	7078483		R	20	b<a	y grb	gr si cl	qv, qms, ox m s	
	D4850 D4850	604589	7078536		S	20	b a org	yb b	cl si gr	qms	Dup is D4861
	D4851 D4851	604596	7078583		S+	20	b<a	yb b	si gr cl	qms ox b q eyes	
	D4852 D4852	604613	7078642		S+	20	b	ob	si gv cl	qms	
	D4853 D4853	604621	7078699		S+	25	b<a<org	ob b	si gv cl	qms ox	
	D4854 D4854	604625	7078760		S+	20	a org	y	cl	qms	
	D4855 D4855	604628	7078807		S+	15	b<org	ob	si gv cl	meta q, qm ox	
	D4856 D4856	604639	7078851		S+	15	a org	ob b	si cl gr	qms ox p	
	D4857 D4857	604634	7078910		S	25	a org	b	cl	qv lim qms	
	D4858 D4858	604646	7078962		S	15	a org	b	cl	qv ox s	

NOTE: At the beginning of the line it is chlorite/qte schist and at the end qms. The change between the two seems to be gradual. The Chlorite schist is non-magnetic.

D4830 D4830
D4859 Check for D4830

Dup is D4859

D4840 D4840
D4860 Check for D4840

D4850 D4850
D4861 Check for D4850
DUP-D4850

Dup is D4861

D4832 D4832
DUP-D4832

D4838 D4838
DUP-D4838

SAMPLE No
TRAVERSE (MMI)

Sample Ident	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Scheme Code	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
Detection Limit	1	10	0.1	10	1	10	10	10	5	5	10	1	0.5	0.5	1	1	1	5	0.5	1
D3																				
D4830	1	<10	<0.1		1243	<1	41	<10	<5	175	192	4	8.9	<0.5	1	2	12	<5	0.5	2
D4831	3	37	0.6		2731	<1	131	<10	197	105	471	33	15.7	7.8	36	76	15	<5	3.8	106
D4832	3	23	0.1		1499	<1	28	<10	70	63	223	12	6.3	2.8	13	28	6	<5	4.1	40
D4833	1	<10	<0.1		914	<1	34	<10	6	131	175	8	13.2	0.5	3	3	5	<5	0.6	4
D4834	<1	<10	<0.1		980	<1	34	11	<5	158	237	14	19.5	0.7	4	2	10	<5	0.7	4
D4835	2	14	<0.1		1320	<1	57	12	85	165	293	31	18.3	6.5	29	32	10	<5	2.7	71
D4836	<1	15	<0.1		1339	<1	67	<10	82	76	185	14	6.8	3.5	15	37	13	<5	4.2	49
D4837	<1	<10	<0.1		712	<1	17	<10	<5	81	109	8	7.9	0.6	3	2	6	<5	0.9	4
D4838	12	<10		0.2	1726		30	34	23	288	350	18	17.9	1.9	9	10	7	<5	5.3	15
D4839	1	<10	<0.1		412	<1	<10	<10	<5	64	30	1	1.4	<0.5	<1	2	3	<5	1.3	2
D4840	<1	<10	<0.1		529	<1	<10	<10	<5	18	90	6	4.7	<0.5		2	2	<5	0.6	2
D4841	7	<10	<0.1		997	<1	14	14	42	76	198	11	8.4	1.7	7	20	3	<5	8.8	20
D4842	4	<10	<0.1		2630	1	32	43	219	554	429	61	48.2	12	52	89	12	<5	9.4	141
D4843	14	<10	0.1		2887	<1	72	<10	247	22	442	75	46	14.5	64	71	9	<5	1.9	156
D4844	18	<10	<0.1		5438	1	26	120	61	783	595	17	17.2	2.1	10	25	17	<5	6.2	31
D4845	2	<10	<0.1		491	<1	<10	<10	8	48	122	3	2.9	<0.5	2	4	3	<5	3.8	5
D4846	11	<10	<0.1		2519	2	34	44	54	341	317	21	15.5	2.8	13	24	7	<5	8.2	30
D4847	6	<10	<0.1		2794	1	31	44	24	239	148	7	6	0.9	4	12	8	<5	2.3	11
D4848	8	<10	<0.1		3744	<1	64	21	55	53	194	9	4.4	2	9	28	14	<5	1.8	32
D4849	8	31		0.2	3761	5	37	28	152	260	1132	27	14.7	5.8	27	67	11	10	5.6	84
D4850	26	<10		0.2	2827	<1	107	23	88	122	241	37	19.5	5.2	28	32	16	<5	1.6	65
D4851	13	18	0.2		3869	<1	66	<10	356	100	297	77	41.8	16.8	83	157	18	<5	3.7	252
D4852	34	43	0.2		2747	<1	59	<10	147	71	309	42	24	7.9	38	73	5	<5	3.9	94
D4853	19	15	<0.1		1258	1	86	18	48	50	215	15	9.7	2.6	12	24	12	<5	3.7	32
D4854	16	<10	<0.1		3405	2	51	54	33	430	145	9	9	0.9	5	19	12	<5	6.1	14
D4855	44	<10	<0.1		1843	<1	28	28	32	69	135	10	5.1	1.7	8	15	10	<5	1.3	21
D4856	14	<10	<0.1		1105	<1	17	28	11	48	85	9	6.6	1	5	5	6	<5	1.4	9
D4857	1	<10	<0.1		4970	<1	86	32	<5	125	<10	<1	<0.5	<0.5	<1	1	26	<5	<0.5	<1
D4858	5	<10	<0.1		5224	3	115	44	107	363	153	18	10	3.2	17	61	19	7	7	54
D4830	1	<10	<0.1		1243	<1	41	<10	<5	175	192	4	8.9	<0.5	1	2	12	<5	0.5	2
D4859	3	<10	<0.1		1354	<1	42	<10	<5	195	250	7	11	<0.5	2	2	12	<5	0.8	3
D4840	<1	<10	<0.1		529	<1	<10	<10	<5	18	90	6	4.7	<0.5	1	2	2	<5	0.6	2
D4860	2	<10	<0.1		1108	<1	15	<10	19	46	254	5	4.3	0.7	3	11	4	<5	4.7	9
D4850	26	<10		0.2	2827	<1	107	23	88	122	241	37	19.5	5.2	28	32	16	<5	1.6	65
D4861	20	<10	<0.1		2679	<1	120	31	44	141	214	35	19.8	3.8	20	15	18	<5	1.1	38
	24	<10	<0.1		2612	<1	97	24	76	117	237	36	19	5	26	27	15	<5	1.4	58
D4832	3	23	0.1		1499	<1	28	<10	70	63	223	12	6.3	2.8	13	28	6	<5	4.1	40
	3	10	<0.1		1336	<1	22	<10	61	58	203	13	6.9	2.6	12	23	7	<5	3.3	38
D4838	12	<10		0.2	1726	1	30	34	23	288	350	18	17.9	1.9	9	10	7	<5	5.3	15
	11	<10	<0.1		2036	1	31	13	14	278	352	7	8.4	0.7	3	7	9	<5	4	8

SAMPLE No	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
TRAVERSE (MMI)	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
D3	10	1	1	5	1	1	1	1	10	10	0.5	3	0.5	1	1	5	1	20
D4830	44	<1	<1	9	<1	<1	<1	227	<10	5.2	186	<0.5	5	<1	22	14	33	9
D4831	161	2	22	52	2	29	<1	271	<10	49	2550	<0.5	13	1	143	12	78	128
D4832	135	<1	9	25	<1	10	<1	121	<10	22.8	2060	<0.5	6	<1	60	5	88	61
D4833	71	<1	<1	30	<1	2	<1	158	<10	5.9	250	<0.5	4	<1	44	20	40	12
D4834	83	<1	<1	20	<1	2	<1	189	<10	3.6	304	<0.5	2	<1	74	27	108	11
D4835	199	<1	13	11	<1	21	<1	192	<10	20.9	2380	<0.5	6	<1	149	16	149	43
D4836	110	<1	11	54	<1	12	<1	195	<10	13.5	5200	<0.5	5	<1	63	5	34	49
D4837	14	<1	<1	11	<1	1	<1	101	<10	3.4	668	<0.5	2	<1	39	8	75	10
D4838	436	1	3	58	<1	5	<1	156	<10	18.2	2430	<0.5	7	<1	109	21	146	65
D4839	<10	<1	<1	17	<1	<1	<1	22	<10	4.3	433	<0.5	1	<1	5	2	35	15
D4840	89	<1	<1	24	<1	<1	<1	32	<10	6.2	267	<0.5	2	<1	30	4	97	20
D4841	171	2	5	94	1	5	<1	34	<10	38.8	2700	0.9	8	<1	54	7	366	152
D4842	265	2	29	76	1	41	<1	107	<10	59	4120	<0.5	14	<1	345	54	468	150
D4843	284	<1	30	81	<1	45	<1	194	<10	36.3	1370	<0.5	14	<1	489	39	118	78
D4844	423	2	7	125	2	8	<1	183	<10	39.5	3330	1.3	11	<1	100	19	408	153
D4845	28	<1	1	31	<1	1	<1	42	<10	6	3030	<0.5	2	<1	20	3	64	33
D4846	552	1	7	72	1	9	<1	181	<10	54.3	1870	<0.5	16	<1	114	17	426	98
D4847	123	<1	3	18	<1	3	<1	211	<10	18.4	695	<0.5	5	<1	39	5	101	39
D4848	212	<1	7	46	<1	7	<1	304	<10	12.1	745	<0.5	3	<1	57	3	50	41
D4849	487	3	19	53	3	21	<1	182	<10	73.4	2360	<0.5	19	<1	153	13	244	243
D4850	449	<1	13	37	<1	18	<1	561	<10	26.4	712	<0.5	14	<1	221	13	152	45
D4851	390	1	54	57	2	62	<1	380	<10	50.4	1820	<0.5	16	<1	492	34	82	95
D4852	725	2	21	71	2	27	<1	157	<10	78.7	2030	<0.5	15	<1	232	20	81	180
D4853	419	<1	7	33	<1	9	<1	318	<10	23.3	1570	<0.5	6	<1	100	9	64	72
D4854	167	<1	4	88	1	3	<1	412	<10	28.8	2020	<0.5	14	<1	53	16	213	84
D4855	368	<1	5	52	<1	5	<1	158	<10	14.1	587	<0.5	4	<1	59	3	284	40
D4856	289	<1	2	37	<1	3	<1	126	<10	7.8	512	<0.5	2	<1	62	5	111	25
D4857	<10	<1	<1	5	<1	<1	<1	832	<10	2.6	37	<0.5	1	<1	<5	<1	106	9
D4858	287	<1	13	44	1	14	<1	743	<10	71.6	2940	<0.5	14	<1	93	10	138	87
D4830	44	<1	<1	9	<1	<1	<1	227	<10	5.2	186	<0.5	5	<1	22	14	33	9
D4859	67	<1	<1	13	<1	1	<1	245	<10	6.7	278	<0.5	6	<1	41	15	55	16
D4840	89	<1	<1	24	<1	<1	<1	32	<10	6.2	267	<0.5	2	<1	30	4	97	20
D4860	139	1	2	28	1	2	<1	48	<10	15.4	2140	0.6	6	<1	27	4	115	83
D4850	449	<1	13	37	<1	18	<1	561	<10	26.4	712	<0.5	14	<1	221	13	152	45
D4861	406	<1	7	23	<1	12	<1	682	<10	20.6	433	<0.5	11	<1	213	14	203	31
	438	<1	11	35	<1	16	<1	502	<10	24.5	614	<0.5	14	<1	212	13	121	41
D4832	135	<1	9	25	<1	10	<1	121	<10	22.8	2060	<0.5	6	<1	60	5	88	61
	135	<1	8	21	<1	9	<1	137	<10	16.7	1810	<0.5	5	<1	67	5	73	39
D4838	436	1	3	58	<1	5	<1	156	<10	18.2	2430	<0.5	7	<1	109	21	146	65
	389	<1	2	53	<1	2	<1	201	<10	13.8	1580	<0.5	6	<1	39	15	126	51

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS
		EAST	NORTH	ELEV						

TRAVERSE (-80) GRAND FORKS 1:50,000 115-0/14

Sampled: Aug23-04

By: PL, SJ

D3 (-80)

Sample Interval (m): 50

D4830	D4830	604842	7077647	S	45	b	gr b	cl si	cs
D4831	D4831	604834	7077695	S	20	b org	gr b	cl si gr	cs non mag
D4832	D4832	604830	7077743	S	35	b	y grb	cl si gr	c qs
D4833	D4833	604820	7077796	S	40	b	o gr b	cl; si gr	qv, cqs
D4834	D4834	604815	7077844	S+	50	b	ob	cl si gr	ox cqs
D4835	D4835	604810	7077891	S+	25	b	grb ob	cl si gv	cqs
D4836	D4836	604807	7077924	S+	30	b	yb grb	cl si gv	cqs
D4837	D4837	604800	7077974	S+	30	b	y grb	si cl gv	cqs
D4838	D4838	604827	7078020	S+	50	b	ob	si cl gv	qte c s, lim blebs more massive
D4839	D4839	604789	7078056	S	30	b	ob	si cl gr	qte m b? ox
D4840	D4840	604753	7078090	S	30	b	ob	cl	cqs
D4841	D4841	604715	7078124	S	30	b	ob/grb	cl gr	cqs
D4842	D4842	604674	7078156	S	30	b	ob	cl si < gr	cqs ox
D4843	D4843	604634	7078190	S+	25	b	ob	so cl gr	qte ser banded ox cqs
D4844	D4844	604618	7078236	S	25	b	ob	soi cl gr	qte c ox lim p
D4845	D4845	604593	7078282	S	20	b/c	ob grb	si gv cl	ox q cs
D4846	D4846	604563	7078331	S	25	b	o grb	cl si gr	ox s
D4847	D4847	604561	7078383	R	30	bc	ob y grb	si gr	ox s c?
D4848	D4848	604566	7078428	R	15	b	ob	cl si gr	qv, mqs, qms bl q eyes lim blebs
D4849	D4849	604579	7078483	R	30	b	ygrb	gr si cl	qv, qms, ox m s
D4850	D4850	604589	7078536	S	40	b	yb grb	cl si gr	qms
D4851	D4851	604596	7078583	S+	30	b	yb grb	si gr cl	qms ox b q eyes
D4852	D4852	604613	7078642	S+	20	b	ob	si gv cl	qms
D4853	D4853	604621	7078699	S+	30	c b ? Org	ob	si gv	qms ox
D4854	D4854	604625	7078760	S+	0	b	ob	si gr cl	qms
D4855	D4855	604628	7078807	S+	20	b c org	ob	si gv cl	meta q, qm ox
D4856	D4856	604639	7078851	S+	35	b	ob	si cl gv	qms ox p
D4857	D4857	604634	7078910	S	35	b <org	ob	cl si	qv lim qms
D4858	D4858	604646	7078962	S	35	b	ob	si cl gr	qv ox s

NOTE: At the beginning of the line it is chlorite/qte schist and at the end qms. The change between the two seems to be gradual. The Chlorite schist is non-magnetic.

D4830 D4830
D4859 Check for D4830

D4840 D4840
D4860 Check for D4840

D4850 D4850
D4861 Check for D4850

SAMPLE No	COMMENTS	Scheme Code	3993	2118
TRAVERSE (-80)		Analysis Unit	Au ppm	Ag ppm
D3 (-80)				
D4830	Dup is D4859		0.011	
D4831			0.007	
D4832			0.018	
D4833			0.005	
D4834			0.001	
D4835			0.003	
D4836			0.003	
D4837			<0.001	
D4838			0.039	
D4839	Dup is D4860		0.004	
D4840			0.002	
D4841			0.001	
D4842			0.001	
D4843			0.001	
D4844			0.001	
D4845			0.001	
D4846			0.003	
D4847			<0.001	
D4848			0.005	
D4849			0.004	
D4850	Dup is D4861		0.007	
D4851			0.003	
D4852			<0.001	
D4853			0.001	
D4854			0.003	
D4855			<0.001	
D4856			0.001	
D4857			0.003	
D4858			<0.001	
D4830	Dup is D4859		0.011	
D4859			0.002	
D4840			0.002	
D4860			0.005	
D4850	Dup is D4861		0.007	
D4861			0.003	

SAMPLE No
TRAVERSE (-80)

D3 (-80)

D4830
D4831
D4832
D4833
D4834
D4835
D4836
D4837
D4838
D4839
D4840
D4841
D4842
D4843
D4844
D4845
D4846
D4847
D4848
D4849
D4850
D4851
D4852
D4853
D4854
D4855
D4856
D4857
D4858

D4830
D4859

D4840
D4860

D4850
D4861

2119	2120	557	2121	2122	2123	2124	2125	2126	2127	2128	2150	2130	2131	2132	2151	2134	2135	2136	2137
Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%

SAMPLE No
TRAVERSE (-80)

D3 (-80)

D4830
D4831
D4832
D4833
D4834
D4835
D4836
D4837
D4838
D4839
D4840
D4841
D4842
D4843
D4844
D4845
D4846
D4847
D4848
D4849
D4850
D4851
D4852
D4853
D4854
D4855
D4856
D4857
D4858

D4830
D4859

D4840
D4860

D4850
D4861

2138	2139	2140	551	2141	2142	2143	2144	2145	2146	2147	2148	2149
Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
		EAST	NORTH	ELEV							
TRAVERSE (-80)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug25-04			By: PL, SJ						
D4 (-80)		Sample Interval (m): 50									

Scheme Code

3993

Analysis Unit

Au

Au

ppm

ppb

D4862	D4862	603986	7076913	S	20	d b org	ob	cl gr si	qms, c, ox p	0.002	
D4863	D4863	604030	7076923	S	15	b d org	yb	si cl < gr	ox s lim p	0.007	
D4864	D4864	604077	7076952	S	15	b org	yb	si cl	ox qms	0.002	
D4865	D4865	604165	7077013	S	25	b	ob	si cl gr	ox s	0.004	
D4866	D4866	604196	7077054	S	30	b	yb	si cl gr	qms +-c	0.001	
D4867	D4867	604238	7077086	S	25	xx b < a org	gb b	cl si	ox s	0.002	
D4868	D4868	604283	7077105	S	25	b	yb	si cl gr	ox s	0.003	
D4869	D4869	604317	7077145	S	25	b	yb	si cl	qms +-c	0.001	
D4870	D4870	604355	7077172	S	25	b	yb	si cl gr	qms +-c	0.003	Dup is D4884
D4871	D4871	604391	7077213	S	30	b	yb	si cl < gr	qms +-c	0.003	
D4872	D4872	604433	7077249	S+	25	b d org	gr yb	cl si gr	qms +-c	0.001	
D4873	D4873	604465	7077297	S+	25	b	yb	si cl < gr	qms +-c	0.001	
D4874	D4874	604517	7077300	S+	15	b	yb	cl si gr	c q s m	0.001	
D4875	D4875	604559	7077340	S+	30	b	yb	gv si cl	c q s ox p	0.018	
D4876	D4876	604586	7077392	S+	25	b	yb	cl si gr	cqs ox	0.011	
D4877	D4877	604629	7077421	S+	30	c	gr org	cl si gv	ox c s	0.011	
D4878	D4878	604663	7077455	S+	25	b ? C	lgr	cl si gr	c qs	0.002	
D4879	D4879	604706	7077487	S+	30	b	l gr	si cl gv	c qs	0.008	
D4881	D4881	604808	7077525	S+	25	b	gr b	cl si gr	cs	0.003	
D4882	D4882	604853	7077554	S+	30	b	ob grb	gr cl si	cqs ox p	0.011	
D4883	D4883	604868	7077614	S+	25	b	grb	cl si gr	c qs	0.003	
D4870	D4870									0.003	Dup is D4884
D4884	D4884	Check for D4870								0.022	
D4880	D4880									0.001	Dup is D4885
D4885	D4885	Check for D4880								<0.001	

SAMPLE No
TRAVERSE (-80)

2118	2119	2120	557	2121	2122	2123	2124	2125	2126	2127	2128	2150	2130	2131	2132	2151	2134	2135	2136	2137	2138
Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm

D4 (-80)

D4862
D4863
D4864
D4865
D4866
D4867
D4868
D4869
D4870
D4871
D4872
D4873
D4874
D4875
D4876
D4877
D4878
D4879

D4881
D4882
D4883

D4870
D4884

D4880
D4885

SAMPLE No
TRAVERSE (-80)

2139	2140	551	2141	2142	2143	2144	2145	2146	2147	2148	2149
P	Pb	S	Sb	Sc	Sr	Ti	Ti	U	V	W	Zn
ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm

D4 (-80)

D4862
D4863
D4864
D4865
D4866
D4867
D4868
D4869
D4870
D4871
D4872
D4873
D4874
D4875
D4876
D4877
D4878
D4879

D4881
D4882
D4883

D4870
D4884

D4880
D4885

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
		EAST	NORTH	ELEV							
TRAVERSE (MMI)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug25-04			By: PL, SJ						
D4		Sample Interval (m): 50									

SAMPLE No	Sample Ident	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni				
TRAVERSE (MMI)	Scheme Code	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5				
D4	Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb				
D4	Detection Limit	1	10	0.1	10	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5	0.5	1	5			
	D4862	3	<10	<0.1		2006	<1		61	94	30	83	103	18	9.6	2.5		12	9	15	<5		1.2	23	63
	D4863	46	<10		0.2	3446	<1		68	12	67	87	116	20	9.9	3.4		16	31	21	<5		2	43	120
	D4864	11	<10		0.1	6005	<1		64	<10	285	60	102	31	16.6	7		32	147	19	<5		1.7	141	95
	D4865	16		19	0.2	3285	<1		262	<10	100	52	77	13	6.5	2.8		14	55	37	<5		2.5	49	65
	D4866	3	<10	<0.1		2595	<1		150	14	7	83	52	5	4.9	<0.5		2	3	34	<5		0.7	5	107
	D4867	2	<10	<0.1		3044	<1		200	14	<5	262	43	4	6	<0.5		1	1	32	<5		<0.5	2	82
	D4868	4	<10	<0.1		7762		1	242	29	49	1018	139	8	7.2	1.2		6	26	65	<5		2.6	23	156
	D4869	7	<10	<0.1		2298	<1		72	<10	42	128	214	33	21.3	4		20	11	14	<5		<0.5	43	103
	D4870	7		19	<0.1	1990	<1		47	<10	137	53	153	19	9.5	5		21	61	8	<5		4.6	76	66
	D4871	9	<10	<0.1		2347	<1		90	<10	52	42	168	14	8.4	2.2		11	23	16	<5		1.8	31	100
	D4872	7	<10	<0.1		2473	<1		109	<10	172	30	140	28	13.6	5.5		26	71	28	<5		2	89	90
	D4873	12	<10	<0.1		2931	<1		192	28	25	345	279	24	18.5	1.9		11	10	36	<5		1.4	19	132
	D4874	34		14	0.2	3680	<1		106	<10	104	31	399	23	13.6	5.1		22	42	16	<5		4.2	69	71
	D4875	100		19	<0.1	2559		1	331	46	148	137	706	29	15.9	7.4		32	63	38		7	5.9	101	274
	D4876	12	<10	<0.1		2437	<1		100	<10	130	89	332	21	10.6	5.5		22	53	21	<5		2.8	75	107
	D4877	19	<10	<0.1		5211	<1		419	36	323	369	981	40	20.2	11		46	131	58		6	4.8	167	429
	D4878	12		11	0.2	2570	<1		135	<10	91	128	391	17	8.8	3.9		17	41	20	<5		4.6	53	138
	D4879	30		16	<0.1	2886	<1		200	35	141	223	553	42	23.9	8.9		40	55	17		8	3.8	100	180
	D4880	15	<10	<0.1		4587	<1		135	55	145	83	506	64	35.2	11.7		56	53	52	<5		<0.5	135	334
	D4881	61	<10	<0.1		3349	<1		213	<10	133	77	386	29	15.2	7		30	67	44	<5		1.6	91	121
	D4882	47		31	0.9	3762		1	70	103	308	597	3924	122	82.6	21.9		92	129	14		8	4.9	231	512
	D4883	6		15	0.4	2583	<1		47	<10	220	106	1128	46	20.4	10.5		47	104	9	<5		2.5	134	110
	D4870	7		19	<0.1	1990	<1		47	<10	137	53	153	19	9.5	5		21	61	8	<5		4.6	76	66
	D4884	8		23	0.2	1967	<1		47	<10	132	54	155	20	9.9	5		22	58	9	<5		4.6	77	67
	D4880	15	<10	<0.1		4587	<1		135	55	145	83	506	64	35.2	11.7		56	53	52	<5		<0.5	135	334
	D4885	35		12	0.1	9134	<1		297	213	394	244	835	111	59.3	26.6		121	173	68	<5		1.8	314	754
	D4862	3	<10	<0.1		2006	<1		61	94	30	83	103	18	9.6	2.5		12	9	15	<5		1.2	23	63
		3	<10	<0.1		2005	<1		57	89	27	76	96	16	8.9	2.1		10	8	14	<5		1.4	20	60
	D4874	34		14	0.2	3680	<1		106	<10	104	31	399	23	13.6	5.1		22	42	16	<5		4.2	69	71
		36		23	0.2	3657	<1		89	<10	99	35	438	25	16.3	5.3		23	39	17	<5		3.8	70	77

SAMPLE No	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr	
TRAVERSE (MMI)	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	
D4	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1	20	5	
D4862	535	<1		4	45	<1	7	<1	296	<10	16.1	396	<0.5	3	<1	101	7	641	31
D4863	614	<1		10	80	<1	11	<1	452	<10	22.7	977	<0.5	5	<1	120	7	71	42
D4864	461	<1		35	100	<1	28	<1	469	<10	30.5	827	<0.5	6	<1	192	13	31	41
D4865	195	<1		12	66	<1	11	<1	888	<10	23.8	1240	<0.5	5	<1	79	5	44	51
D4866	29	<1	<1		14	<1	2	<1	873	<10	12.8	145	<0.5	6	<1	31	6	83	22
D4867	22	<1	<1		8	<1	<1	<1	1117	<10	5.7	53	<0.5	4	<1	27	8	42	10
D4868	73	<1		5	184	<1	5	<1	1359	<10	16.4	931	<0.5	17	<1	44	12	664	47
D4869	287	<1		8	62	<1	13	<1	519	<10	8.1	62	<0.5	7	<1	201	17	41	16
D4870	174	<1		18	50		18	<1	176	<10	28.9	2460	<0.5	7	<1	106	7	71	94
D4871	321	<1		7	53	<1	8	<1	518	<10	14.5	779	<0.5	6	<1	83	6	27	40
D4872	334	<1		21	58	<1	20	<1	508	<10	26.5	1200	<0.5	7	<1	155	9	29	48
D4873	186	<1		4	35	<1	6	<1	779	<10	14.5	688	<0.5	9	<1	148	15	955	27
D4874	219	<1		15	65		18	<1	340	<10	21.6	3720	<0.5	4	<1	140	12	47	56
D4875	544	<1		21	71		24	<1	863	<10	15.5	3180	<0.5	9	<1	170	11	331	46
D4876	200	<1		17	53	<1	19	<1	213	<10	20.1	1960	<0.5	6	<1	106	8	40	52
D4877	194	<1		39	29		40	<1	894	<10	35.6	4830	<0.5	17	<1	209	15	174	65
D4878	162	<1		12	25		14	<1	328	<10	25.4	4160	<0.5	10	<1	88	7	61	58
D4879	336	<1		21	33		29	<1	543	<10	28.7	2600	<0.5	13	<1	239	18	109	61
D4880	253	<1		26	13	<1	39	<1	633	<10	13	204	<0.5	5	<1	402	26	72	12
D4881	223	<1		20	47	<1	23	<1	677	<10	15.2	1350	<0.5	5	<1	167	12	48	32
D4882	549		2	49	85		70	<1	312	<10	73.7	3450	<0.5	42	<1	595	80	335	160
D4883	181	<1		30	68		36	<1	187	<10	55.9	1300	<0.5	28	<1	198	15	74	152
D4870	174	<1		18	50		18	<1	176	<10	28.9	2460	<0.5	7	<1	106	7	71	94
D4884	181		1	17	49		18	<1	180	<10	29.6	2540	<0.5	8	<1	111	8	57	93
D4880	253	<1		26	13	<1	39	<1	633	<10	13	204	<0.5	5	<1	402	26	72	12
D4885	380	<1		65	29		88	<1	828	<10	35.1	905	<0.5	14	<1	670	45	161	43
D4862	535	<1		4	45	<1	7	<1	296	<10	16.1	396	<0.5	3	<1	101	7	641	31
	468	<1		4	45	<1	7	<1	277	<10	16.1	445	<0.5	3	<1	90	7	581	33
D4874	219	<1		15	65		18	<1	340	<10	21.6	3720	<0.5	4	<1	140	12	47	56
	244	<1		14	63		17	<1	345	<10	20.1	3050	<0.5	5	<1	161	15	44	52

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
		EAST	NORTH	ELEV							
TRAVERSE (MMI)		GRAND FORKS 1:50,000 115-0/14									
		Sampled: Aug25-04			By: PL, SJ						
D7		Sample Interval (m): 50									

D4782 D4782	605074	7085974	s++	25	b	ob gb	cl si gr	qms b q eyes	
D4783 D4783	605064	7085919	v	40	a w org	b	cl si gr	qte ox	
D4784 D4784	605062	7085868	s++	35	b d	ob gb	cl gr gv	qte m ox bands	
D4785 D4785	605050	7085822	s++	40	a d org	b	si cl	qte, lim bands	
D4786 D4786	605053	7085772	s++	40	a d org	b	cl	banded qte ser lim gneissic, frost heave	
D4787 D4787	605037	7085720	s++	20	a org	b	cl	qte ser lim blebs	
D4788 D4788	605023	7085674	s++	20	b	yb	s si gv	qte ser	
D4789 D4789	605020	7085621	s++	15	b	yb	si s cl	qte ser lim	
D4790 D4790	605012	7085568	s++	20	b<a	yb b	si cl gv	qte b ser, lim	Dup is D4798
D4791 D4791	605001	7085526	s++	30	b	gb yb	s si gr	qte ser lim bands	
D4792 D4792	604994	7085472	s++	20	b org	gb yb	s si cl	qte ser ox	
D4793 D4793	604994	7085422	s++	25	b< a org	ob b	si cl gr	qte ser lim blebs	
D4794 D4794	604990	7085374	s++	20	b a	ob b	si cl gr	qte lim blebs hem m	
D4795 D4795	604976	7085323	s++	30	a < b org	b< gb	cl	no rocks	
D4796 D4796	604974	7085278	s++	15	b? c org	ob	si gr	bleached qte ser	
D4797 D4797	604964	7085227	s++	15	a org	b	cl	qte ser lim	

Note: The rock us usually quite blocky and competent and not very schistose. Locally have biotite where limonite blebs are seen that is probably oxidized biotite.
Sampled rock for assay at D4798 sample 04-PL-06.

D4790 D4790
D4798 check for D4790

SAMPLE No	Sample Ident	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
	Scheme Code	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
TRAVERSE (MMI)	Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
D7	Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5	0.5	1	5
D4782		2	10	0.05	1698	2	0.5	0.5	159	23	87	25	15.3	2.9	19	55	3	<5	5	60	90
D4783		2	16	0.2	10420	1	183	100	311	81	182	530	386	22.1	219	128	23	<5	<0.5	370	72
D4784		13	32	0.5	8392	2	38	35	4619	101	785	463	193	84.6	648	1865	10	5	2.3	2922	228
D4785		4	16	0.05	1195	7	11	89	310	107	247	42	25.4	5.3	36	164	2	5	5.8	129	145
D4786		2	0.5	0.05	3979	3	17	18	477	143	113	61	43.4	7.2	53	310	5	<5	2.3	246	126
D4787		4	20	0.2	3900	1	23	16	1127	52	202	107	42.5	23.9	165	560	4	<5	2.7	783	141
D4788		7	15	0.2	3381	1	11	12	1083	53	223	142	55.7	29.7	209	600	3	<5	3.6	954	113
D4789		5	75	0.4	5521	4	26	0.5	4032	83	256	227	84.7	60.7	430	2326	5	8	5.8	2627	76
D4790		6	11	0.05	2968	2	0.5	14	875	44	133	132	58.9	22.1	167	767	2	<5	3.9	720	75
D4791		1	0.5	0.05	941	1	11	0.5	259	15	56	20	10.4	5.5	25	65	1	<5	2.6	105	39
D4792		0.5	11	0.05	838	2	15	0.5	39	31	67	9	6.2	1.2	6	11	3	<5	4	17	58
D4793		2	14	0.05	708	0.5	0.5	0.5	103	35	88	14	7.6	2.5	13	31	0.5	<5	3.3	43	46
D4794		3	17	0.05	1634	2	28	13	48	85	94	13	11.6	1.2	8	19	6	<5	5.4	25	130
D4795		3	20	0.05	2225	1	17	13	91	82	142	22	13.8	3.4	17	41	0.5	<5	8.4	52	145
D4796		3	38	0.05	3019	4	20	0.5	534	15	56	15	7	3.5	24	123	4	8	6.9	123	33
D4797		7	25	0.05	1328	6	20	28	80	85	244	15	9.5	2.7	14	34	3	7	7.3	42	118
D4790		6	11	0.05	2968	2	0.5	14	875	44	133	132	58.9	22.1	167	767	2	<5	3.9	720	75
D4798		12	11	0.2	2570	<1	135	<10	91	128	391	17	8.8	3.9	17	41	20	<5	4.6	53	138

SAMPLE No	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
TRAVERSE (MMI)	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb	MMI-M5 ppb
D7	10	1	1	5	1	1	1	10	10	0.5	3	0.5	1	1	5	1	20	5
D4782	3738	1	14	50	1	15	0.5	83	0.5	236	2000	<0.5	18	0.5	98	13	122	112
D4783	2298	0.5	67	37	0.5	132	0.5	1011	0.5	246	52	<0.5	211	2	2438	273	3135	54
D4784	3053	3	650	70	2	604	0.5	233	0.5	387	1000	0.6	173	1	1982	132	1072	267
D4785	5338	1	33	79	0.5	31	0.5	77	0.5	268	4260	<0.5	38	0.5	147	22	2078	138
D4786	2229	0.5	65	16	0.5	49	0.5	201	0.5	276	961	<0.5	70	0.5	229	57	452	73
D4787	3293	2	179	82	0.5	165	0.5	144	0.5	291	1110	<0.5	41	0.5	414	29	231	215
D4788	2287	2	215	50	0.5	212	0.5	67	0.5	262	923	<0.5	24	0.5	535	37	251	144
D4789	4339	5	645	105	4	465	0.5	113	0.5	667	3260	0.7	53	2	909	55	136	455
D4790	6945	2	177	75	0.5	153	0.5	35	0.5	480	827	<0.5	28	0.5	538	38	391	151
D4791	2462	0.5	24	143	0.5	24	0.5	37	0.5	116	1210	<0.5	7	0.5	88	8	54	91
D4792	1630	0.5	4	28	0.5	4	0.5	103	0.5	45	1610	<0.5	4	0.5	40	5	183	45
D4793	2850	2	10	150	0.5	11	0.5	38	0.5	171	876	<0.5	13	0.5	51	6	96	161
D4794	1239	0.5	5	37	0.5	7	0.5	218	0.5	74.7	2520	<0.5	11	0.5	56	13	544	70
D4795	1066	0.5	11	32	0.5	13	0.5	188	0.5	47.3	3420	<0.5	11	0.5	95	12	337	81
D4796	1252	0.5	31	42	1	24	2	106	0.5	70.5	4240	<0.5	7	0.5	65	5	75	79
D4797	1210	1	9	34	0.5	11	2	106	0.5	68.5	6440	<0.5	14	0.5	64	9	985	113
D4790	6945	2	177	75	0.5	153	0.5	35	0.5	480	827	<0.5	28	0.5	538	38	391	151
D4798	162	<1	12	25	1	14	<1	328	<10	25.4	4160	<0.5	10	<1	88	7	61	58

SAMPLE No	GPS W'PT	UTM COORDS			LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS
TRAVERSE (MMI)		EAST	NORTH	ELEV							
		GRAND FORKS 1:50,000 115-0/14									
D8		Sampled: Aug20-04		By: PL, SJ							
		Sample Interval (m): 50									
D4800	D4800	603794	7086703		s++	50	a org	b	cl	banded ate ser ox	dup D4827
D4801	D4801	603777	7086653		s++	20	a org	b	cl	qte m 2% euهدral p	
D4802	D4802	603758	7086604		s++	15	a org	b	cl	qte m ox p	
D4803	D4803	603741	7086559		s++	15	a org	b	cl	qte m lim p crenulated	
D4804	D4804	603719	7086513		s++	15	b<a<org	ob < b	cl si	qms ox euهدral p	
D4805	D4805	603704	7086467		s++	25	a b org	ob b	si cl gv	qte c hem m	
D4806	D4806	603681	7086423		s++	20	a b org	ob b	si cl gv	qte m lim blebs	
D4807	D4807	603664	7086371		s++	20	b<a<org	ob	si cl gr	qte m ox p	
D4808	D4808	603645	7086330		s++	10	a org	b	cl	qte m	
D4809	D4809	603624	7086282		s++	20	b a org	ob < b	cl si gr	qms	
D4810	D4810	603607	7086236		s++	20	ox b	g	s si	qte m ox p	dup D4828
D4811	D4811	603589	7086188		s++	20	b<a org	ob	cl si gr	qv qms	
D4812	D4812	603570	7086140		s++	10	b<org	ob	cl si gr	qv qms ox	
D4813	D4813	603553	7086096		s+	20	c< org	ob	gv si cl	qms	
D4814	D4814	603533	7086049		s+	25	c a	ob b	gr cl si	qms	
D4815	D4815	603516	7086003		s++	30	ox b org	gb	gr cl si	qte banded, ser ox p	
D4816	D4816	603493	7085955		s++	20	b a org	yb b	cl gr gv	qms	
D4817	D4817	603476	7085911		s++	20	a org	b	cl	qms, meta qv	
D4818	D4818	603455	7085869		s++	20	a org	b	cl	cqs lim	
D4819	D4819	603437	7085819		s++	25	a org	b	cl	cqs lim	
D4820	D4820	603420	7085766		s++	30	a	b	cl	cs	dup D4829
D4821	D4821	603420	7085722		s++	30	a org	db	cl	cqs lim	
D4822	D4822	603415	7085689		s++	20	a w org	b	cl	cs	
D4823	D4823	603408	7085664		s++	30	b a org	gr b	cl si gv	cs	
D4824	D4824	603381	7085623		s++	30	a org	b	cl	cqs lim	
D4825	D4825	603343	7085587		s++	40	a org	b	cl	no rocks	
D4826	D4826	603295	7085559		s++	20	a org	b	cl	qte m foliated	
D4800 D4800											dup D4827
D4827 check for D4800											
D4810 D4810											dup D4828
D4828 check for D4810											
D4820 D4820											dup D4829
D4829 check for D4820											

SAMPLE No	Sample Ident	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
TRAVERSE (MMI)	Scheme Code	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
	Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
D8	Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1	5	0.5	1	5
D4800		1	<10	0.2	2282	3	<10	17	170	47	37	28	18.3	3	23	180	4	<5	1.7	120	47
D4801		<1	<10	<0.1	7580	3	39	11	277	128	59	38	22.6	7.4	45	244	19	<5	2.9	220	113
D4802		<1	<10	<0.1	7392	3	39	<10	121	95	49	10	6.4	1.8	12	90	9	<5	4	70	125
D4803		<1	<10	<0.1	1661	<1	18	<10	<5	79	14	<1	1.5	<0.5	<1	2	6	<5	0.9	1	73
D4804		<1	<10	<0.1	2262	<1	<10	<10	167	39	121	20	8.4	3.9	20	64	2	<5	2.1	74	83
D4805		<1	<10	<0.1	2020	<1	15	<10	13	81	23	3	2.9	<0.5	1	5	7	<5	1.6	5	73
D4806		<1	<10	<0.1	1492	<1	11	<10	26	74	86	10	10.7	0.7	4	10	3	<5	1.2	11	64
D4807		<1	19	<0.1	2257	2	34	<10	221	40	104	32	14	7	36	104	9	<5	4.2	130	87
D4808		2	<10	<0.1	1424	2	16	21	18	132	202	13	12.5	0.9	5	9	3	<5	4.7	10	126
D4809		4	13	0.8	3412	<1	23	<10	266	58	116	45	22.7	12.7	57	138	2	<5	1.9	201	53
D4810		<1	<10	<0.1	2020	<1	12	<10	243	41	93	48	27.3	11.9	58	131	2	<5	3.7	195	71
D4811		<1	<10	<0.1	807	<1	14	<10	17	54	62	7	4.5	1	4	7	4	<5	1.8	11	71
D4812		<1	<10	<0.1	751	<1	<10	<10	50	26	79	12	5.8	2.2	10	21	<1	<5	1.1	28	56
D4813		2	14	<0.1	1829	4	66	11	300	52	79	31	15.7	8.5	40	143	6	6	4.3	177	62
D4814		1	<10	<0.1	2139	<1	21	<10	<5	78	68	10	15.1	<0.5	3	2	2	<5	1.2	4	75
D4815		<1	<10	<0.1	3433	2	25	<10	<5	83	25	4	4.9	<0.5	1	2	5	<5	1.1	2	88
D4816		7	<10	<0.1	4457	2	91	<10	106	78	99	32	14.5	6.4	33	45	8	<5	1.4	80	69
D4817		<1	<10	<0.1	1464	<1	158	38	<5	225	232	26	27.1	1	7	1	27	<5	<0.5	5	120
D4818		5	<10	<0.1	1715	<1	182	19	56	78	767	48	28.2	7.4	39	19	19	<5	<0.5	64	328
D4819		<1	<10	<0.1	1203	<1	448	18	41	28	138	10	5.9	2.1	11	9	26	<5	<0.5	21	95
D4820		<1	<10	<0.1	2369	<1	329	35	43	131	384	27	23.1	3.9	23	15	27	<5	<0.5	35	79
D4821		3	11	0.4	4076	<1	866	41	85	63	1281	61	42.5	10.9	59	33	60	<5	<0.5	89	499
D4822		6	<10	0.4	3652	<1	897	57	112	66	1323	49	29.5	11.8	56	37	49	<5	<0.5	100	730
D4823		8	<10	1	2277	<1	516	25	71	23	758	27	15.2	6.8	31	23	31	<5	<0.5	60	399
D4824		2	<10	<0.1	1061	<1	540	20	22	13	107	9	4.9	1.9	9	7	32	<5	<0.5	17	153
D4825		7	<10	0.4	3244	<1	445	48	886	7	423	76	37.3	17.8	100	167	24	<5	<0.5	301	324
D4826		2	13	<0.1	2522	1	433	101	2977	95	315	396	183	101	584	1533	30	<5	0.8	2422	189
D4800		1	<10	0.2	2282	3	<10	17	170	47	37	28	18.3	3	23	180	4	<5	1.7	120	47
D4827		2	<10	0.3	2179	3	11	26	118	50	43	27	18.7	2.4	18	120	4	<5	1.3	83	46
D4810		<1	<10	<0.1	2020	<1	12	<10	243	41	93	48	27.3	11.9	58	131	2	<5	3.7	195	71
D4828		<1	<10	<0.1	1973	<1	19	<10	233	47	76	42	24.5	10.7	52	124	3	<5	4	173	78
D4820		<1	<10	<0.1	2369	<1	329	35	43	131	384	27	23.1	3.9	23	15	27	<5	<0.5	35	79
D4829		<1	<10	<0.1	2647	<1	357	32	56	82	421	34	27.3	5	28	17	28	<5	<0.5	44	131

SAMPLE No	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
TRAVERSE (MMI)	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
D8	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	10	1	1	5	1	1	1	1	10	10	0.5	3	0.5	1	1	5	1	20
																		5
D4800	899	<1		33	23	<1	22	<1	88	<10	170	516	<0.5	31	<1	103	17	581
D4801	69	<1		57	39	<1	45	<1	402	<10	200	933	<0.5	67	<1	139	39	155
D4802	41	<1		19	25	<1	12	<1	408	<10	87.4	1160	<0.5	14	<1	41	9	156
D4803	21	<1	<1		8	<1	<1	<1	177	<10	14.6	313	<0.5	4	<1	<5	3	77
D4804	410	<1		18	104	<1	17	<1	57	<10	74.1	897	<0.5	14	<1	75	6	90
D4805	18	<1		1	37	<1	1	<1	191	<10	29	420	<0.5	6	<1	11	4	67
D4806	160	<1		3	41	<1	3	<1	110	<10	44.4	482	<0.5	10	<1	42	12	119
D4807	1493		1	29	98		32	<1	156	<10	141	2350	<0.5	14	<1	118	9	60
D4808	1042	<1		2	45	<1	3	<1	132	<10	76.8	1720	<0.5	15	<1	60	14	477
D4809	1170	<1		45	117		54	<1	70	<10	153	964	<0.5	13	<1	171	22	129
D4810	221	<1		42	80	<1	48	<1	57	<10	74	2200	<0.5	8	<1	222	25	96
D4811	257	<1		2	57	<1	3	<1	96	<10	15.6	853	<0.5	3	<1	28	4	42
D4812	351	<1		7	75	<1	8	<1	25	<10	36.3	314	<0.5	5	<1	41	4	54
D4813	446	<1		42	57	<1	38	<1	190	<10	112	1770	<0.5	6	<1	139	15	147
D4814	280	<1	<1		25	<1	1	<1	218	<10	17.5	376	<0.5	6	<1	59	27	124
D4815	80	<1	<1		25	<1	<1	<1	254	<10	7.9	314	<0.5	5	<1	20	11	38
D4816	978	<1		17	76	<1	24	<1	255	<10	31	626	<0.5	10	<1	128	12	134
D4817	1027	<1	<1		11	<1	3	<1	865	<10	17.8	161	<0.5	4	<1	158	27	219
D4818	245	<1		11	20	<1	23	<1	580	<10	15	123	<0.5	6	<1	288	23	363
D4819	61	<1		4	9	<1	7	<1	1048	<10	2.8	14	<0.5	4	<1	54	5	311
D4820	126	<1		7	<5	<1	13	<1	963	<10	4.4	14	<0.5	6	<1	166	25	1192
D4821	385	<1		15	41	<1	33	<1	2032	<10	8.8	35	<0.5	18	<1	393	39	1241
D4822	88	<1		17	19	<1	34	<1	2005	<10	4.1	44	<0.5	7	<1	339	24	617
D4823	43	<1		10	20	<1	20	<1	1186	<10	3.5	8	<0.5	9	<1	163	12	157
D4824	27	<1		3	16	<1	6	<1	1236	<10	1.9	11	<0.5	4	<1	46	4	311
D4825	252	<1		62	37	<1	80	<1	1222	<10	32.1	20	<0.5	35	<1	414	27	187
D4826	653	<1		552	39	<1	551	<1	1070	<10	128	242	<0.5	34	<1	1798	131	2147
D4800	899	<1		33	23	<1	22	<1	88	<10	170	516	<0.5	31	<1	103	17	581
D4827	1169	<1		22	28	<1	16	<1	85	<10	137	453	<0.5	25	<1	102	16	565
D4810	221	<1		42	80	<1	48	<1	57	<10	74	2200	<0.5	8	<1	222	25	96
D4828	220	<1		38	88	<1	43	<1	82	<10	76.2	2380	<0.5	7	<1	210	23	74
D4820	126	<1		7	<5	<1	13	<1	963	<10	4.4	14	<0.5	6	<1	166	25	1192
D4829	121	<1		8	5	<1	16	<1	1057	<10	4.9	11	<0.5	7	<1	215	26	1047

KSL Exploration (Yukon) Limited

Appendix 4

MMI & -80# Analytical Reports (CD Format)

~Psgsl.ovl

~FH10L.

~FT12L.

~BWork Order:~b 079524

~BDate:~b 24/09/04

~BFINAL

~b

~FT08L.~/2 ~B

~/2~L	Element. ~R~/1		Ag	As	Au	Ba	Bi	MI
~/2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~/2~L	Det.Lim. ~R~/1		1	10	0.1	10	1	1
~/2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	ppb
~b								
~/2~L	LH4730	~R~/1	43	<10	0.2	2237	<1	
~/2~L	LH4731	~R~/1	10	14	0.1	2943	<1	
~/2~L	LH4732	~R~/1	<1	<10	<0.1	4593	<1	
~/2~L	LH4733	~R~/1	20	10	0.2	7780	<1	
~/2~L	LH4734	~R~/1	39	21	0.3	5799	<1	
~/2~L	LH4735	~R~/1	16	<10	0.2	3527	<1	
~/2~L	LH4736	~R~/1	98	29	0.6	2070	<1	
~/2~L	LH4737	~R~/1	31	<10	0.1	2071	<1	
~/2~L	LH4738	~R~/1	1	<10	0.2	2160	<1	
~/2~L	LH4739	~R~/1	3	<10	<0.1	554	<1	
~/2~L	LH4740	~R~/1	<1	<10	<0.1	2058	<1	
~/2~L	LH4741	~R~/1	3	<10	<0.1	1785	<1	
~/2~L	LH4742	~R~/1	<1	<10	<0.1	2420	<1	
~/2~L	LH4743	~R~/1	7	<10	0.4	4348	<1	
~/2~L	LH4744	~R~/1	7	<10	<0.1	3574	<1	
~/2~L	LH4745	~R~/1	8	<10	0.2	4470	<1	
~/2~L	LH4746	~R~/1	<1	<10	<0.1	2188	<1	
~/2~L	LH4747	~R~/1	3	<10	0.1	1712	<1	
~/2~L	LH4748	~R~/1	4	<10	0.2	3756	<1	
~/2~L	LH4749	~R~/1	8	<10	0.2	3037	<1	
~/2~L	LH4750	~R~/1	3	<10	0.3	1888	<1	
~/2~L	LH4751	~R~/1	3	<10	0.2	437	<1	
~/2~L	LH4752	~R~/1	13	<10	0.5	3306	<1	
~/2~L	LH4753	~R~/1	32	<10	2.9	1570	<1	
~/2~L	LH4754	~R~/1	<1	<10	0.1	81	<1	
~/2~L	LH4755	~R~/1	2	<10	<0.1	353	<1	
~/2~L	LH4756	~R~/1	1	<10	<0.1	1431	<1	
~/2~L	LH4757	~R~/1	2	<10	<0.1	1832	<1	
~/2~L	LH4758	~R~/1	3	<10	<0.1	753	<1	
~/2~L	LH4759	~R~/1	<1	<10	0.3	2354	<1	
~L								
~/3								

~Psgsl.ovl

~FH10L.

~FT12L.

~BWork Order:~b 079524 ~BDate:~b 24/09/04 ~BFINAL ~b

~FT08L.~ /2 ~B

~ /2~L	Element. ~R~/1		Ag	As	Au	Ba	Bi	MI
~ /2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~ /2~L	Det.Lim. ~R~/1		1	10	0.1	10	1	1
~ /2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	ppb
~b								
~ /2~L	LH4760	~R~/1	8	69	0.1	3628	4	
~ /2~L	LH4761	~R~/1	1	<10	0.1	3794	<1	
~ /2~L	LH4762	~R~/1	2	23	0.2	5328	1	
~ /2~L	LH4763	~R~/1	2	18	0.2	5481	1	
~ /2~L	LH4764	~R~/1	1	22	0.3	1925	<1	
~ /2~L	LH4765	~R~/1	27	21	0.3	5981	<1	
~ /2~L	LH4766	~R~/1	11	<10	0.4	3444	<1	
~ /2~L	LH4767	~R~/1	<1	27	0.5	2311	<1	
~ /2~L	LH4768	~R~/1	<1	<10	0.2	3651	<1	
~ /2~L	LH4769	~R~/1	5	<10	0.2	3210	<1	
~ /2~L	LH4770	~R~/1	<1	<10	<0.1	2603	<1	
~ /2~L	LH4771	~R~/1	9	<10	0.2	2676	<1	
~ /2~L	LH4772	~R~/1	2	46	0.4	4367	<1	
~ /2~L	LH4773	~R~/1	5	<10	0.1	2097	<1	
~ /2~L	LH4774	~R~/1	6	<10	0.3	1084	<1	
~ /2~L	LH4775	~R~/1	1	<10	<0.1	302	<1	
~ /2~L	*Blk BLANK	~R~/1	<1	<10	<0.1	<10	<1	
~ /2~L	*Std MMISRM14	~R~/1	21	14	49.6	45	<1	
~ /2~L	LH4776	~R~/1	3	<10	<0.1	92	<1	
~ /2~L	LH4777	~R~/1	<1	<10	0.1	226	<1	
~ /2~L	LH4778	~R~/1	1	<10	<0.1	<10	<1	
~ /2~L	LH4779	~R~/1	6	<10	0.3	174	<1	
~ /2~L	LH4780	~R~/1	2	32	<0.1	3205	3	
~ /2~L	LH4781	~R~/1	<1	<10	0.1	2900	<1	
~ /2~L	*Dup LH4730	~R~/1	45	<10	0.2	2521	<1	
~ /2~L	*Dup LH4742	~R~/1	<1	<10	<0.1	2072	<1	
~ /2~L	*Dup LH4754	~R~/1	<1	<10	<0.1	53	<1	
~ /2~L	*Dup LH4766	~R~/1	13	11	0.4	3289	<1	
~ /2~L	*Dup LH4778	~R~/1	1	<10	<0.1	15	<1	
~ /2~L	*Blk BLANK	~R~/1	<1	<10	<0.1	<10	<1	
~L								
~ /3								

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~Psgsl.ovl

~FH10L.

~FT12L.

~BWork Order:~b 079524 ~BDate:~b 24/09/04 ~BFINAL ~b

~FT08L.~/2 ~B

~/2~L	Element. ~R~/1		Mo	Nb	Nd	Ni	Pb	MI
~/2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~/2~L	Det.Lim. ~R~/1		5	0.5	1	5	10	10
~/2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	ppb
~b								
~/2~L	LH4730	~R~/1	<5	0.7	72	129	666	
~/2~L	LH4731	~R~/1	<5	1.4	46	101	406	
~/2~L	LH4732	~R~/1	<5	0.8	6	118	18	
~/2~L	LH4733	~R~/1	<5	1.2	256	118	296	
~/2~L	LH4734	~R~/1	<5	1.3	1030	107	477	
~/2~L	LH4735	~R~/1	<5	0.7	329	150	390	
~/2~L	LH4736	~R~/1	<5	1.8	144	196	661	
~/2~L	LH4737	~R~/1	<5	0.6	44	124	455	
~/2~L	LH4738	~R~/1	<5	2.6	16	105	13	
~/2~L	LH4739	~R~/1	<5	4.3	10	86	100	
~/2~L	LH4740	~R~/1	<5	1.8	6	74	21	
~/2~L	LH4741	~R~/1	<5	1.9	59	121	149	
~/2~L	LH4742	~R~/1	5	1.2	15	100	13	
~/2~L	LH4743	~R~/1	<5	0.7	286	225	49	
~/2~L	LH4744	~R~/1	<5	<0.5	68	192	48	
~/2~L	LH4745	~R~/1	<5	<0.5	50	209	30	
~/2~L	LH4746	~R~/1	<5	<0.5	57	101	28	
~/2~L	LH4747	~R~/1	<5	<0.5	8	271	<10	
~/2~L	LH4748	~R~/1	<5	<0.5	43	246	43	
~/2~L	LH4749	~R~/1	7	<0.5	3	729	<10	
~/2~L	LH4750	~R~/1	<5	<0.5	56	365	<10	
~/2~L	LH4751	~R~/1	<5	<0.5	6	191	<10	
~/2~L	LH4752	~R~/1	<5	<0.5	271	334	123	
~/2~L	LH4753	~R~/1	<5	<0.5	53	207	10	
~/2~L	LH4754	~R~/1	<5	<0.5	2	108	<10	
~/2~L	LH4755	~R~/1	<5	<0.5	7	111	<10	
~/2~L	LH4756	~R~/1	12	<0.5	33	272	46	
~/2~L	LH4757	~R~/1	<5	<0.5	79	469	33	
~/2~L	LH4758	~R~/1	<5	2.3	7	76	89	
~/2~L	LH4759	~R~/1	6	<0.5	56	399	<10	
~L								
~/3								

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~FH10L.

~FT12L.

~BWork Order:~b 079524

~BDate:~b 24/09/04

~BFINAL

~b

~FT08L.~/2 ~B

~/2~L	Element. ~R~/1		Mo	Nb	Nd	Ni	Pb	
~/2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~/2~L	Det.Lim. ~R~/1		5	0.5	1	5	10	
~/2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	
~b								
~/2~L	LH4760	~R~/1	8	2.6	398	144	247	
~/2~L	LH4761	~R~/1	<5	<0.5	209	184	111	
~/2~L	LH4762	~R~/1	<5	0.9	219	256	529	
~/2~L	LH4763	~R~/1	<5	1.0	85	203	193	
~/2~L	LH4764	~R~/1	6	0.7	497	344	103	
~/2~L	LH4765	~R~/1	<5	0.7	330	256	498	
~/2~L	LH4766	~R~/1	<5	<0.5	451	166	501	
~/2~L	LH4767	~R~/1	12	<0.5	108	221	39	
~/2~L	LH4768	~R~/1	12	<0.5	83	401	<10	
~/2~L	LH4769	~R~/1	<5	<0.5	37	582	31	
~/2~L	LH4770	~R~/1	6	<0.5	34	276	42	
~/2~L	LH4771	~R~/1	<5	<0.5	48	695	25	
~/2~L	LH4772	~R~/1	20	1.0	99	725	45	
~/2~L	LH4773	~R~/1	<5	<0.5	16	594	22	
~/2~L	LH4774	~R~/1	<5	<0.5	12	173	29	
~/2~L	LH4775	~R~/1	<5	<0.5	6	65	54	
~/2~L	*Blk BLANK	~R~/1	<5	<0.5	<1	<5	<10	
~/2~L	*Std MMISRM14	~R~/1	36	<0.5	15	325	142	
~/2~L	LH4776	~R~/1	<5	<0.5	3	97	<10	
~/2~L	LH4777	~R~/1	<5	<0.5	8	96	18	
~/2~L	LH4778	~R~/1	<5	<0.5	<1	70	<10	
~/2~L	LH4779	~R~/1	8	<0.5	4	84	<10	
~/2~L	LH4780	~R~/1	<5	0.9	84	105	82	
~/2~L	LH4781	~R~/1	5	<0.5	51	249	72	
~/2~L	*Dup LH4730	~R~/1	<5	<0.5	65	117	622	
~/2~L	*Dup LH4742	~R~/1	<5	0.7	8	85	11	
~/2~L	*Dup LH4754	~R~/1	<5	<0.5	2	100	<10	
~/2~L	*Dup LH4766	~R~/1	<5	<0.5	402	165	578	
~/2~L	*Dup LH4778	~R~/1	<5	<0.5	<1	60	<10	
~/2~L	*Blk BLANK	~R~/1	<5	<0.5	<1	<5	<10	
~L								
~/3								

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~FH10L.

~FT12L.
~BWork Order:~b 079524

~BDate:~b 24/09/04

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~FT08L.~/2 ~B

~/2~L	Element. ~R~/1		U	W	Y	Yb	Zn	MM
~/2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~/2~L	Det.Lim. ~R~/1		1	1	5	1	20	1
~/2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	ppb
~b								
~/2~L	LH4730	~R~/1	3	1	155	10	41	
~/2~L	LH4731	~R~/1	6	<1	80	7	59	
~/2~L	LH4732	~R~/1	2	<1	11	2	54	
~/2~L	LH4733	~R~/1	10	<1	313	22	40	
~/2~L	LH4734	~R~/1	17	<1	1917	95	40	
~/2~L	LH4735	~R~/1	12	<1	478	30	32	
~/2~L	LH4736	~R~/1	21	<1	252	20	80	
~/2~L	LH4737	~R~/1	2	<1	112	8	49	
~/2~L	LH4738	~R~/1	4	4	8	<1	129	
~/2~L	LH4739	~R~/1	5	5	35	5	61	
~/2~L	LH4740	~R~/1	3	2	11	3	28	
~/2~L	LH4741	~R~/1	6	1	158	13	313	
~/2~L	LH4742	~R~/1	8	2	36	3	62	
~/2~L	LH4743	~R~/1	39	1	424	31	79	
~/2~L	LH4744	~R~/1	19	<1	158	28	489	
~/2~L	LH4745	~R~/1	7	<1	50	13	157	
~/2~L	LH4746	~R~/1	4	<1	115	9	1334	
~/2~L	LH4747	~R~/1	10	<1	22	11	594	
~/2~L	LH4748	~R~/1	9	<1	96	18	576	
~/2~L	LH4749	~R~/1	9	<1	<5	2	228	
~/2~L	LH4750	~R~/1	22	<1	104	22	803	
~/2~L	LH4751	~R~/1	11	<1	18	5	570	
~/2~L	LH4752	~R~/1	23	<1	423	25	85	
~/2~L	LH4753	~R~/1	9	<1	150	23	46	
~/2~L	LH4754	~R~/1	6	<1	7	<1	444	
~/2~L	LH4755	~R~/1	3	<1	17	2	146	
~/2~L	LH4756	~R~/1	4	<1	68	5	862	
~/2~L	LH4757	~R~/1	11	<1	192	15	1128	
~/2~L	LH4758	~R~/1	4	<1	31	5	59	
~/2~L	LH4759	~R~/1	28	<1	155	17	430	
~L								
~/3								

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~FH10L.

~FT12L.

~BWork Order:~b 079524

~BDate:~b 24/09/04

~BFINAL

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~FT08L.~/2 ~B

~/2~L	Element. ~R~/1		U	W	Y	Yb	Zn	MM
~/2~L	Method. ~R~/1		MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
~/2~L	Det.Lim. ~R~/1		1	1	5	1	20	1
~/2~L	Units. ~R~/1		ppb	ppb	ppb	ppb	ppb	ppb
~b								
~/2~L	LH4760	~R~/1	41	<1	399	45	465	
~/2~L	LH4761	~R~/1	24	<1	295	28	5178	
~/2~L	LH4762	~R~/1	41	<1	417	47	4147	
~/2~L	LH4763	~R~/1	33	<1	317	52	1297	
~/2~L	LH4764	~R~/1	82	<1	829	62	2535	
~/2~L	LH4765	~R~/1	20	<1	353	28	1461	
~/2~L	LH4766	~R~/1	28	<1	508	40	2905	
~/2~L	LH4767	~R~/1	18	<1	94	9	144	
~/2~L	LH4768	~R~/1	5	<1	116	11	413	
~/2~L	LH4769	~R~/1	23	<1	53	11	2115	
~/2~L	LH4770	~R~/1	10	<1	51	6	1051	
~/2~L	LH4771	~R~/1	22	<1	54	14	1092	
~/2~L	LH4772	~R~/1	23	<1	103	12	267	
~/2~L	LH4773	~R~/1	6	<1	23	6	1869	
~/2~L	LH4774	~R~/1	9	<1	29	6	385	
~/2~L	LH4775	~R~/1	1	<1	17	2	131	
~/2~L	*Blk BLANK	~R~/1	<1	<1	<5	<1	<20	
~/2~L	*Std MMISRM14	~R~/1	37	<1	12	<1	374	
~/2~L	LH4776	~R~/1	3	<1	10	1	171	
~/2~L	LH4777	~R~/1	4	<1	30	4	130	
~/2~L	LH4778	~R~/1	2	<1	<5	<1	891	
~/2~L	LH4779	~R~/1	3	<1	7	<1	67	
~/2~L	LH4780	~R~/1	23	<1	175	41	160	
~/2~L	LH4781	~R~/1	9	<1	70	6	850	
~/2~L	*Dup LH4730	~R~/1	3	<1	149	10	32	
~/2~L	*Dup LH4742	~R~/1	7	<1	30	2	44	
~/2~L	*Dup LH4754	~R~/1	5	<1	7	<1	385	
~/2~L	*Dup LH4766	~R~/1	29	<1	456	39	2657	
~/2~L	*Dup LH4778	~R~/1	1	<1	<5	<1	964	
~/2~L	*Blk BLANK	~R~/1	<1	<1	<5	<1	<20	
~L								
~/3								

$\sim/3$

Sample Ident Scheme Code Analysis Unit Detection Limit	Ag MMI-M5 ppb	As MMI-M5 ppb	Au MMI-M5 ppb	Ba MMI-M5 ppb	Bi MMI-M5 ppb	Ca MMI-M5 ppm	Cd MMI-M5 ppb
		1	10	0.1	10	1	10
D4782		2	10	<0.1	1698	2	<10
D4783		2	16	0.2	10420	1	183
D4784		13	32	0.5	8392	2	38
D4785		4	16	<0.1	1195	7	11
D4786		2	<10	<0.1	3979	3	17
D4787		4	20	0.2	3900	1	23
D4788		7	15	0.2	3381	1	11
D4789		5	75	0.4	5521	4	26
D4790		6	11	<0.1	2968	2	<10
D4791		1	<10	<0.1	941	1	11
D4792	<1		11	<0.1	838	2	15
D4793		2	14	<0.1	708	<1	<10
D4794		3	17	<0.1	1634	2	28
D4795		3	20	<0.1	2225	1	17
D4796		3	38	<0.1	3019	4	20
D4797		7	25	<0.1	1328	6	20
D4800		1	<10	0.2	2282	3	<10
D4801	<1		<10	<0.1	7580	3	39
D4802	<1		<10	<0.1	7392	3	39
D4803	<1		<10	<0.1	1661	<1	18
D4804	<1		<10	<0.1	2262	<1	<10
D4805	<1		<10	<0.1	2020	<1	15
D4806	<1		<10	<0.1	1492	<1	11
D4807	<1		19	<0.1	2257	2	34
D4808		2	<10	<0.1	1424	2	16
D4809		4	13	0.8	3412	<1	23
D4810	<1		<10	<0.1	2020	<1	12
D4811	<1		<10	<0.1	807	<1	14
D4812	<1		<10	<0.1	751	<1	<10
D4813		2	14	<0.1	1829	4	66
D4814		1	<10	<0.1	2139	<1	21
D4815	<1		<10	<0.1	3433	2	25
D4816		7	<10	<0.1	4457	2	91
D4817	<1		<10	<0.1	1464	<1	158
D4818		5	<10	<0.1	1715	<1	182
D4819	<1		<10	<0.1	1203	<1	448
D4820	<1		<10	<0.1	2369	<1	329
D4821		3	11	0.4	4076	<1	866
D4822		6	<10	0.4	3652	<1	897
D4823		8	<10	1	2277	<1	516
D4824		2	<10	<0.1	1061	<1	540
D4825		7	<10	0.4	3244	<1	445
D4826		2	13	<0.1	2522	1	433
D4827		2	<10	0.3	2179	3	11
D4828	<1		<10	<0.1	1973	<1	19
D4829	<1		<10	<0.1	2647	<1	357
D4830		1	<10	<0.1	1243	<1	41
D4831		3	37	0.6	2731	<1	131
D4832		3	23	0.1	1499	<1	28
D4833		1	<10	<0.1	914	<1	34
D4834	<1		<10	<0.1	980	<1	34
D4835		2	14	<0.1	1320	<1	57

D4836	<1		15	<0.1	1339	<1		67	<10
D4837	<1		<10	<0.1	712	<1		17	<10
DUP-D4782		3		15	<0.1	1520		2	<10
DUP-D4794		2		12	<0.1	1793		2	27
DUP-D4808		2	<10		<0.1	1457		2	15
DUP-D4820	<1		<10		<0.1	2286	<1		324
DUP-D4832		3		10	<0.1	1336	<1		22

Ce MMI-M5 ppb	Co MMI-M5 ppb	Cu MMI-M5 ppb	Dy MMI-M5 ppb	Er MMI-M5 ppb	Eu MMI-M5 ppb	Gd MMI-M5 ppb	La MMI-M5 ppb	Mg MMI-M5 ppm	
5	5	10	1	0.5	0.5	1	1	1	
159	23	87	25	15.3	2.9	19	55	3	
311	81	182	530	386	22.1	219	128	23	
4619	101	785	463	193	84.6	648	1865	10	
310	107	247	42	25.4	5.3	36	164	2	
477	143	113	61	43.4	7.2	53	310	5	
1127	52	202	107	42.5	23.9	165	560	4	
1083	53	223	142	55.7	29.7	209	600	3	
4032	83	256	227	84.7	60.7	430	2326	5	
875	44	133	132	58.9	22.1	167	767	2	
259	15	56	20	10.4	5.5	25	65	1	
39	31	67	9	6.2	1.2	6	11	3	
103	35	88	14	7.6	2.5	13	31	<1	
48	85	94	13	11.6	1.2	8	19		6
91	82	142	22	13.8	3.4	17	41	<1	
534	15	56	15	7	3.5	24	123		4
80	85	244	15	9.5	2.7	14	34		3
170	47	37	28	18.3	3	23	180		4
277	128	59	38	22.6	7.4	45	244		19
121	95	49	10	6.4	1.8	12	90		9
<5	79	14	<1	1.5	<0.5	<1	2		6
167	39	121	20	8.4	3.9	20	64		2
13	81	23	3	2.9	<0.5	1	5		7
26	74	86	10	10.7	0.7	4	10		3
221	40	104	32	14	7	36	104		9
18	132	202	13	12.5	0.9	5	9		3
266	58	116	45	22.7	12.7	57	138		2
243	41	93	48	27.3	11.9	58	131		2
17	54	62	7	4.5	1	4	7		4
50	26	79	12	5.8	2.2	10	21	<1	
300	52	79	31	15.7	8.5	40	143		6
<5	78	68	10	15.1	<0.5	3	2		2
<5	83	25	4	4.9	<0.5	1	2		5
106	78	99	32	14.5	6.4	33	45		8
<5	225	232	26	27.1	1	7	1		27
56	78	767	48	28.2	7.4	39	19		19
41	28	138	10	5.9	2.1	11	9		26
43	131	384	27	23.1	3.9	23	15		27
85	63	1281	61	42.5	10.9	59	33		60
112	66	1323	49	29.5	11.8	56	37		49
71	23	758	27	15.2	6.8	31	23		31
22	13	107	9	4.9	1.9	9	7		32
886	7	423	76	37.3	17.8	100	167		24
2977	95	315	396	183	101	584	1533		30
118	50	43	27	18.7	2.4	18	120		4
233	47	76	42	24.5	10.7	52	124		3
56	82	421	34	27.3	5	28	17		28
<5	175	192	4	8.9	<0.5	1	2		12
197	105	471	33	15.7	7.8	36	76		15
70	63	223	12	6.3	2.8	13	28		6
6	131	175	8	13.2	0.5	3	3		5
<5	158	237	14	19.5	0.7	4	2		10
85	165	293	31	18.3	6.5	29	32		10

	82	76	185	14	6.8	3.5	15	37	13
<5		81	109	8	7.9	0.6	3	2	6
	112	26	88	25	16	2.3	15	38	4
	54	78	73	10	7.8	1.3	8	22	6
	20	127	184	12	11.1	0.9	5	11	3
	34	141	369	25	21.7	3.5	20	13	27
	61	58	203	13	6.9	2.6	12	23	7

Mo MMI-M5 ppb	Nb MMI-M5 ppb	Nd MMI-M5 ppb	Ni MMI-M5 ppb	Pb MMI-M5 ppb	Pd MMI-M5 ppb	Pr MMI-M5 ppb	Rb MMI-M5 ppb	Sb MMI-M5 ppb	
	5	0.5	1	5	10	1	1	5	1
<5		5	60	90	3738	1	14	50	1
<5	<0.5		370	72	2298	<1	67	37	<1
	5	2.3	2922	228	3053	3	650	70	2
	5	5.8	129	145	5338	1	33	79	<1
<5		2.3	246	126	2229	<1	65	16	<1
<5		2.7	783	141	3293	2	179	82	<1
<5		3.6	954	113	2287	2	215	50	<1
	8	5.8	2627	76	4339	5	645	105	4
<5		3.9	720	75	6945	2	177	75	<1
<5		2.6	105	39	2462	<1	24	143	<1
<5		4	17	58	1630	<1	4	28	<1
<5		3.3	43	46	2850	2	10	150	<1
<5		5.4	25	130	1239	<1	5	37	<1
<5		8.4	52	145	1066	<1	11	32	<1
	8	6.9	123	33	1252	<1	31	42	1
	7	7.3	42	118	1210	1	9	34	<1
<5		1.7	120	47	899	<1	33	23	<1
<5		2.9	220	113	69	<1	57	39	<1
<5		4	70	125	41	<1	19	25	<1
<5		0.9	1	73	21	<1	<1	8	<1
<5		2.1	74	83	410	<1	18	104	<1
<5		1.6	5	73	18	<1	1	37	<1
<5		1.2	11	64	160	<1	3	41	<1
<5		4.2	130	87	1493	1	29	98	1
<5		4.7	10	126	1042	<1	2	45	<1
<5		1.9	201	53	1170	<1	45	117	1
<5		3.7	195	71	221	<1	42	80	<1
<5		1.8	11	71	257	<1	2	57	<1
<5		1.1	28	56	351	<1	7	75	<1
	6	4.3	177	62	446	<1	42	57	<1
<5		1.2	4	75	280	<1	<1	25	<1
<5		1.1	2	88	80	<1	<1	25	<1
<5		1.4	80	69	978	<1	17	76	<1
<5	<0.5		5	120	1027	<1	<1	11	<1
<5	<0.5		64	328	245	<1	11	20	<1
<5	<0.5		21	95	61	<1	4	9	<1
<5	<0.5		35	79	126	<1	7	<5	<1
<5	<0.5		89	499	385	<1	15	41	<1
<5	<0.5		100	730	88	<1	17	19	<1
<5	<0.5		60	399	43	<1	10	20	<1
<5	<0.5		17	153	27	<1	3	16	<1
<5	<0.5		301	324	252	<1	62	37	<1
<5	0.8	2422	189	653	<1		552	39	<1
<5	1.3		83	46	1169	<1	22	28	<1
<5	4		173	78	220	<1	38	88	<1
<5	<0.5		44	131	121	<1	8	5	<1
<5	0.5		2	114	44	<1	<1	9	<1
<5	3.8	106	94	161		2	22	52	2
<5	4.1	40	84	135	<1		9	25	<1
<5	0.6	4	81	71	<1	<1		30	<1
<5	0.7	4	91	83	<1	<1		20	<1
<5	2.7	71	145	199	<1		13	11	<1

<5	4.2	49	107	110	<1	11	54	<1
<5	0.9	4	83	14	<1	<1	11	<1
<5	4.4	45	92	3738	<1	10	46	<1
<5	5.6	25	116	1026	<1	6	38	<1
<5	4.7	10	120	899	<1	2	41	<1
<5	<0.5	32	65	119	<1	6	<5	<1
<5	3.3	38	80	135	<1	8	21	<1

Sm MMI-M5 ppb	Sn MMI-M5 ppb	Sr MMI-M5 ppb	Te MMI-M5 ppb	Th MMI-M5 ppb	Ti MMI-M5 ppb	Tl MMI-M5 ppb	U MMI-M5 ppb	W MMI-M5 ppb	
	1	1	10	10	0.5	3	0.5	1	1
	15	<1	83	<10	236	2000	<0.5	18	<1
	132	<1	1011	<10	246	52	<0.5	211	2
	604	<1	233	<10	387	1000	0.6	173	1
	31	<1	77	<10	268	4260	<0.5	38	<1
	49	<1	201	<10	276	961	<0.5	70	<1
	165	<1	144	<10	291	1110	<0.5	41	<1
	212	<1	67	<10	262	923	<0.5	24	<1
	465	<1	113	<10	667	3260	0.7	53	2
	153	<1	35	<10	480	827	<0.5	28	<1
	24	<1	37	<10	116	1210	<0.5	7	<1
	4	<1	103	<10	45	1610	<0.5	4	<1
	11	<1	38	<10	171	876	<0.5	13	<1
	7	<1	218	<10	74.7	2520	<0.5	11	<1
	13	<1	188	<10	47.3	3420	<0.5	11	<1
	24	2	106	<10	70.5	4240	<0.5	7	<1
	11	2	106	<10	68.5	6440	<0.5	14	<1
	22	<1	88	<10	170	516	<0.5	31	<1
	45	<1	402	<10	200	933	<0.5	67	<1
	12	<1	408	<10	87.4	1160	<0.5	14	<1
<1	<1		177	<10	14.6	313	<0.5	4	<1
	17	<1	57	<10	74.1	897	<0.5	14	<1
	1	<1	191	<10	29	420	<0.5	6	<1
	3	<1	110	<10	44.4	482	<0.5	10	<1
	32	<1	156	<10	141	2350	<0.5	14	<1
	3	<1	132	<10	76.8	1720	<0.5	15	<1
	54	<1	70	<10	153	964	<0.5	13	<1
	48	<1	57	<10	74	2200	<0.5	8	<1
	3	<1	96	<10	15.6	853	<0.5	3	<1
	8	<1	25	<10	36.3	314	<0.5	5	<1
	38	<1	190	<10	112	1770	<0.5	6	<1
	1	<1	218	<10	17.5	376	<0.5	6	<1
<1	<1		254	<10	7.9	314	<0.5	5	<1
	24	<1	255	<10	31	626	<0.5	10	<1
	3	<1	865	<10	17.8	161	<0.5	4	<1
	23	<1	580	<10	15	123	<0.5	6	<1
	7	<1	1048	<10	2.8	14	<0.5	4	<1
	13	<1	963	<10	4.4	14	<0.5	6	<1
	33	<1	2032	<10	8.8	35	<0.5	18	<1
	34	<1	2005	<10	4.1	44	<0.5	7	<1
	20	<1	1186	<10	3.5	8	<0.5	9	<1
	6	<1	1236	<10	1.9	11	<0.5	4	<1
	80	<1	1222	<10	32.1	20	<0.5	35	<1
	551	<1	1070	<10	128	242	<0.5	34	<1
	16	<1	85	<10	137	453	<0.5	25	<1
	43	<1	82	<10	76.2	2380	<0.5	7	<1
	16	<1	1057	<10	4.9	11	<0.5	7	<1
<1	<1		227	<10	5.2	186	<0.5	5	<1
	29	<1	271	<10	49	2550	<0.5	13	1
	10	<1	121	<10	22.8	2060	<0.5	6	<1
	2	<1	158	<10	5.9	250	<0.5	4	<1
	2	<1	189	<10	3.6	304	<0.5	2	<1
	21	<1	192	<10	20.9	2380	<0.5	6	<1

12	<1	195	<10	13.5	5200	<0.5	5	<1
1	<1	101	<10	3.4	668	<0.5	2	<1
11	<1	80	<10	203	1820	<0.5	18	<1
6	<1	221	<10	73	2550	<0.5	12	<1
3	<1	129	<10	76.5	1740	<0.5	16	<1
11	<1	952	<10	4	10	<0.5	6	<1
9	<1	137	<10	16.7	1810	<0.5	5	<1

Y	Yb	Zn	Zr
MMI-M5	MMI-M5	MMI-M5	MMI-M5
ppb	ppb	ppb	ppb
5	1	20	5
98	13	122	112
2438	273	3135	54
1982	132	1072	267
147	22	2078	138
229	57	452	73
414	29	231	215
535	37	251	144
909	55	136	455
538	38	391	151
88	8	54	91
40	5	183	45
51	6	96	161
56	13	544	70
95	12	337	81
65	5	75	79
64	9	985	113
103	17	581	37
139	39	155	60
41	9	156	49
<5	3	77	9
75	6	90	74
11	4	67	30
42	12	119	32
118	9	60	111
60	14	477	55
171	22	129	99
222	25	96	72
28	4	42	27
41	4	54	49
139	15	147	47
59	27	124	15
20	11	38	11
128	12	134	46
158	27	219	<5
288	23	363	14
54	5	311	5
166	25	1192	6
393	39	1241	17
339	24	617	16
163	12	157	7
46	4	311	<5
414	27	187	17
1798	131	2147	45
102	16	565	29
210	23	74	69
215	26	1047	6
22	14	33	9
143	12	78	128
60	5	88	61
44	20	40	12
74	27	108	11
149	16	149	43

63	5	34	49
39	8	75	10
95	14	157	91
41	10	385	75
52	13	397	57
148	24	1175	<5
67	5	73	39

Sample Id	Ag	As	Au	Ba	Bi	Ca	Cd	Ce
Scheme C	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Analysis U	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Detection L	1	10	0.1	10	1	10	10	5
D4838	12	<10	0.2	1726	1	30	34	23
D4839	1	<10	<0.1	412	<1	<10	<10	<5
D4840	<1	<10	<0.1	529	<1	<10	<10	<5
D4841	7	<10	<0.1	997	<1	14	14	42
D4842	4	<10	<0.1	2630	1	32	43	219
D4843	14	<10	0.1	2887	<1	72	<10	247
D4844	18	<10	<0.1	5438	1	26	120	61
D4845	2	<10	<0.1	491	<1	<10	<10	8
D4846	11	<10	<0.1	2519	2	34	44	54
D4847	6	<10	<0.1	2794	1	31	44	24
D4848	8	<10	<0.1	3744	<1	64	21	55
D4849	8	31	0.2	3761	5	37	28	152
D4850	26	<10	0.2	2827	<1	107	23	88
D4851	13	18	0.2	3869	<1	66	<10	356
D4852	34	43	0.2	2747	<1	59	<10	147
D4853	19	15	<0.1	1258	1	86	18	48
D4854	16	<10	<0.1	3405	2	51	54	33
D4855	44	<10	<0.1	1843	<1	28	28	32
D4856	14	<10	<0.1	1105	<1	17	28	11
D4857	1	<10	<0.1	4970	<1	86	32	<5
D4858	5	<10	<0.1	5224	3	115	44	107
D4859	3	<10	<0.1	1354	<1	42	<10	<5
D4860	2	<10	<0.1	1108	<1	15	<10	19
D4861	20	<10	<0.1	2679	<1	120	31	44
D4862	3	<10	<0.1	2006	<1	61	94	30
D4863	46	<10	0.2	3446	<1	68	12	67
D4864	11	<10	0.1	6005	<1	64	<10	285
D4865	16	19	0.2	3285	<1	262	<10	100
D4866	3	<10	<0.1	2595	<1	150	14	7
D4867	2	<10	<0.1	3044	<1	200	14	<5
D4868	4	<10	<0.1	7762	1	242	29	49
D4869	7	<10	<0.1	2298	<1	72	<10	42
D4870	7	19	<0.1	1990	<1	47	<10	137
D4871	9	<10	<0.1	2347	<1	90	<10	52
D4872	7	<10	<0.1	2473	<1	109	<10	172
D4873	12	<10	<0.1	2931	<1	192	28	25
D4874	34	14	0.2	3680	<1	106	<10	104
D4875	100	19	<0.1	2559	1	331	46	148
D4876	12	<10	<0.1	2437	<1	100	<10	130
D4877	19	<10	<0.1	5211	<1	419	36	323
D4878	12	11	0.2	2570	<1	135	<10	91
D4879	30	16	<0.1	2886	<1	200	35	141
D4880	15	<10	<0.1	4587	<1	135	55	145
D4881	61	<10	<0.1	3349	<1	213	<10	133
D4882	47	31	0.9	3762	1	70	103	308
D4883	6	15	0.4	2583	<1	47	<10	220
D4884	8	23	0.2	1967	<1	47	<10	132
D4885	35	12	0.1	9134	<1	297	213	394
ED01	4	61	5.5	2753	2	30	<10	168

ED02	19	<10	0.1	1200	<1		12	20	74
ED03	40	21	0.1	3174	<1		76	<10	60
ED04	4	37	0.1	1750	<1		<10	27	73
ED05	5	35	0.4	2929	<1		35	11	275
ED06	3	24	<0.1	6087	<1		156	91	481
ED07	23	15	<0.1	5082	<1		311	<10	47
ED08	25	28	1.9	2990	<1		37	<10	94
D4886	37	14	<0.1	1422		1	22	375	155
D4887	13	20	<0.1	2944		1	58	135	239
D4888	7	23	0.6	1490	<1		50	<10	127
D4889	8	35	<0.1	1191	<1		15	50	50
D4890	8	<10	0.1	730	<1		<10	<10	11
D4891	5	11	<0.1	936	<1		10	17	35
D4892	5	<10	0.8	921		1	16	15	91
D4893	33	18	0.9	1997	<1		162	<10	241
D4894	26	<10	0.1	1241	<1		64	58	45
D4895	16	31	1.2	1579	<1		16	50	136
D4896	18	<10	0.2	914	<1		<10	<10	58
DUP-D483	11	<10	<0.1	2036		1	31	13	14
DUP-D485	24	<10	<0.1	2612	<1		97	24	76
DUP-D486	3	<10	<0.1	2005	<1		57	89	27
DUP-D487	36	23	0.2	3657	<1		89	<10	99
DUP-ED01	4	55	5.6	2801		2	31	<10	161
DUP-D489	8	10	0.1	804	<1		<10	<10	12

Co MMI-M5 ppb	Cu MMI-M5 ppb	Dy MMI-M5 ppb	Er MMI-M5 ppb	Eu MMI-M5 ppb	Gd MMI-M5 ppb	La MMI-M5 ppb	Mg MMI-M5 ppm	Mo MMI-M5 ppb	
5	10	1	0.5	0.5		1	1	1	5
288	350	18	17.9	1.9		9	10	7	<5
64	30	1	1.4	<0.5	<1		2	3	<5
18	90	6	4.7	<0.5		1	2	2	<5
76	198	11	8.4	1.7		7	20	3	<5
554	429	61	48.2	12		52	89	12	<5
22	442	75	46	14.5		64	71	9	<5
783	595	17	17.2	2.1		10	25	17	<5
48	122	3	2.9	<0.5		2	4	3	<5
341	317	21	15.5	2.8		13	24	7	<5
239	148	7	6	0.9		4	12	8	<5
53	194	9	4.4	2		9	28	14	<5
260	1132	27	14.7	5.8		27	67	11	10
122	241	37	19.5	5.2		28	32	16	<5
100	297	77	41.8	16.8		83	157	18	<5
71	309	42	24	7.9		38	73	5	<5
50	215	15	9.7	2.6		12	24	12	<5
430	145	9	9	0.9		5	19	12	<5
69	135	10	5.1	1.7		8	15	10	<5
48	85	9	6.6	1		5	5	6	<5
125	<10	<1	<0.5	<0.5	<1		1	26	<5
363	153	18	10	3.2		17	61	19	7
195	250	7	11	<0.5		2	2	12	<5
46	254	5	4.3	0.7		3	11	4	<5
141	214	35	19.8	3.8		20	15	18	<5
83	103	18	9.6	2.5		12	9	15	<5
87	116	20	9.9	3.4		16	31	21	<5
60	102	31	16.6	7		32	147	19	<5
52	77	13	6.5	2.8		14	55	37	<5
83	52	5	4.9	<0.5		2	3	34	<5
262	43	4	6	<0.5		1	1	32	<5
1018	139	8	7.2	1.2		6	26	65	<5
128	214	33	21.3	4		20	11	14	<5
53	153	19	9.5	5		21	61	8	<5
42	168	14	8.4	2.2		11	23	16	<5
30	140	28	13.6	5.5		26	71	28	<5
345	279	24	18.5	1.9		11	10	36	<5
31	399	23	13.6	5.1		22	42	16	<5
137	706	29	15.9	7.4		32	63	38	7
89	332	21	10.6	5.5		22	53	21	<5
369	981	40	20.2	11		46	131	58	6
128	391	17	8.8	3.9		17	41	20	<5
223	553	42	23.9	8.9		40	55	17	8
83	506	64	35.2	11.7		56	53	52	<5
77	386	29	15.2	7		30	67	44	<5
597	3924	122	82.6	21.9		92	129	14	8
106	1128	46	20.4	10.5		47	104	9	<5
54	155	20	9.9	5		22	58	9	<5
244	835	111	59.3	26.6		121	173	68	<5
94	265	42	22.7	8.5		42	56	9	<5

65	160	23	13	4.1	18	25	3	<5	
65	219	12	5.7	2.5	11	27	22	<5	
387	232	24	17.1	2.5	13	36	5	<5	
258	505	117	63.1	21.1	108	101	14	<5	
156	683	106	69.6	13.4	66	107	32		8
87	127	5	2.8	1.3	7	21	55	<5	
82	221	27	16.8	4.8	23	44	14	<5	
208	1586	48	32.7	10.1	45	136	3	<5	
620	568	47	27.5	9.9	46	140	8		6
70	213	17	8.4	4.5	19	70	5	<5	
165	368	24	13.3	3.5	17	23	3	<5	
83	188	11	8	1.1	5	6	2	<5	
76	191	11	5.7	1.9	8	18	2	<5	
218	397	17	8.2	4.1	17	44	2	<5	
105	845	31	14.3	10	40	108	8		5
159	400	22	12.8	3.2	15	15	12	<5	
245	557	27	13.2	6.7	29	54	2	<5	
122	240	19	10.9	3.5	15	25	3	<5	
278	352	7	8.4	0.7	3	7	9	<5	
117	237	36	19	5	26	27	15	<5	
76	96	16	8.9	2.1	10	8	14	<5	
35	438	25	16.3	5.3	23	39	17	<5	
95	274	44	23.4	8.2	41	54	9	<5	
90	179	9	6.9	1	5	6	2	<5	

Nb MMI-M5 ppb	Nd MMI-M5 ppb	Ni MMI-M5 ppb	Pb MMI-M5 ppb	Pd MMI-M5 ppb	Pr MMI-M5 ppb	Rb MMI-M5 ppb	Sb MMI-M5 ppb	Sm MMI-M5 ppb
	0.5	1	5	10	1	1	5	1
	5.3	15	165	436	1	3	58	<1
	1.3	2	25	<10	<1	<1	17	<1
	0.6	2	24	89	<1	<1	24	<1
	8.8	20	78	171	2	5	94	1
	9.4	141	202	265	2	29	76	1
	1.9	156	82	284	<1	30	81	<1
	6.2	31	428	423	2	7	125	2
	3.8	5	42	28	<1	1	31	<1
	8.2	30	157	552	1	7	72	1
	2.3	11	96	123	<1	3	18	<1
	1.8	32	86	212	<1	7	46	<1
	5.6	84	124	487	3	19	53	3
	1.6	65	138	449	<1	13	37	<1
	3.7	252	205	390	1	54	57	2
	3.9	94	146	725	2	21	71	2
	3.7	32	106	419	<1	7	33	<1
	6.1	14	264	167	<1	4	88	1
	1.3	21	98	368	<1	5	52	<1
	1.4	9	69	289	<1	2	37	<1
<0.5	<1		104	<10	<1	<1	5	<1
	7	54	133	287	<1	13	44	1
	0.8	3	104	67	<1	<1	13	<1
	4.7	9	75	139	1	2	28	1
	1.1	38	130	406	<1	7	23	<1
	1.2	23	63	535	<1	4	45	<1
	2	43	120	614	<1	10	80	<1
	1.7	141	95	461	<1	35	100	<1
	2.5	49	65	195	<1	12	66	<1
	0.7	5	107	29	<1	<1	14	<1
<0.5	2	82	22	<1	<1		8	<1
	2.6	23	156	73	<1	5	184	<1
<0.5	43	103	287	<1		8	62	<1
	4.6	76	66	174	<1	18	50	1
	1.8	31	100	321	<1	7	53	<1
	2	89	90	334	<1	21	58	<1
	1.4	19	132	186	<1	4	35	<1
	4.2	69	71	219	<1	15	65	1
	5.9	101	274	544	<1	21	71	1
	2.8	75	107	200	<1	17	53	<1
	4.8	167	429	194	<1	39	29	2
	4.6	53	138	162	<1	12	25	1
	3.8	100	180	336	<1	21	33	1
<0.5	135	334	253	<1		26	13	<1
	1.6	91	121	223	<1	20	47	<1
	4.9	231	512	549	2	49	85	2
	2.5	134	110	181	<1	30	68	1
	4.6	77	67	181	1	17	49	1
	1.8	314	754	380	<1	65	29	1
	1.7	116	121	261	<1	24	133	1

<0.5	57	47	335	<1		12	78	<1		14
1.9	37	87	305	<1		9	83	<1		9
3.9	34	104	270	<1		8	9		1	9
3.5	252	132	354		1	48	37		2	76
3.1	147	317	182		1	33	84		2	45
1.6	24	87	146	<1		6	26	<1		6
2.3	70	127	413	<1		15	45	<1		17
5.5	153	259	1601	<1		35	180		1	38
12.4	150	183	587		2	36	27		2	35
5.5	69	55	203	<1		17	56		1	16
2	40	100	281	<1		8	42	<1		11
1.3	9	47	385	<1		2	29	<1		3
2.1	23	45	252	<1		5	48	<1		6
2.3	54	54	505	<1		12	50	<1		14
2.5	142	124	481	<1		32	44		2	34
2.1	35	142	334	<1		7	56	<1		10
2.9	85	70	423		1	18	51		1	23
2.1	40	65	405	<1		9	39	<1		11
4	8	145	389	<1		2	53	<1		2
1.4	58	127	438	<1		11	35	<1		16
1.4	20	60	468	<1		4	45	<1		7
3.8	70	77	244	<1		14	63		1	17
1.5	114	122	260	<1		24	127		1	31
1.4	9	54	348	<1		2	27	<1		3

Sn MMI-M5 ppb	Sr MMI-M5 ppb	Te MMI-M5 ppb	Th MMI-M5 ppb	Ti MMI-M5 ppb	Tl MMI-M5 ppb	U MMI-M5 ppb	W MMI-M5 ppb	Y MMI-M5 ppb
	1	10	10	0.5	3	0.5	1	1
<1		156	<10	18.2	2430	<0.5	7	<1
<1		22	<10	4.3	433	<0.5	1	<1
<1		32	<10	6.2	267	<0.5	2	<1
<1		34	<10	38.8	2700	0.9	8	<1
<1		107	<10	59	4120	<0.5	14	<1
<1		194	<10	36.3	1370	<0.5	14	<1
<1		183	<10	39.5	3330	1.3	11	<1
<1		42	<10	6	3030	<0.5	2	<1
<1		181	<10	54.3	1870	<0.5	16	<1
<1		211	<10	18.4	695	<0.5	5	<1
<1		304	<10	12.1	745	<0.5	3	<1
<1		182	<10	73.4	2360	<0.5	19	<1
<1		561	<10	26.4	712	<0.5	14	<1
<1		380	<10	50.4	1820	<0.5	16	<1
<1		157	<10	78.7	2030	<0.5	15	<1
<1		318	<10	23.3	1570	<0.5	6	<1
<1		412	<10	28.8	2020	<0.5	14	<1
<1		158	<10	14.1	587	<0.5	4	<1
<1		126	<10	7.8	512	<0.5	2	<1
<1		832	<10	2.6	37	<0.5	1	<1
<1		743	<10	71.6	2940	<0.5	14	<1
<1		245	<10	6.7	278	<0.5	6	<1
<1		48	<10	15.4	2140	0.6	6	<1
<1		682	<10	20.6	433	<0.5	11	<1
<1		296	<10	16.1	396	<0.5	3	<1
<1		452	<10	22.7	977	<0.5	5	<1
<1		469	<10	30.5	827	<0.5	6	<1
<1		888	<10	23.8	1240	<0.5	5	<1
<1		873	<10	12.8	145	<0.5	6	<1
<1		1117	<10	5.7	53	<0.5	4	<1
<1		1359	<10	16.4	931	<0.5	17	<1
<1		519	<10	8.1	62	<0.5	7	<1
<1		176	<10	28.9	2460	<0.5	7	<1
<1		518	<10	14.5	779	<0.5	6	<1
<1		508	<10	26.5	1200	<0.5	7	<1
<1		779	<10	14.5	688	<0.5	9	<1
<1		340	<10	21.6	3720	<0.5	4	<1
<1		863	<10	15.5	3180	<0.5	9	<1
<1		213	<10	20.1	1960	<0.5	6	<1
<1		894	<10	35.6	4830	<0.5	17	<1
<1		328	<10	25.4	4160	<0.5	10	<1
<1		543	<10	28.7	2600	<0.5	13	<1
<1		633	<10	13	204	<0.5	5	<1
<1		677	<10	15.2	1350	<0.5	5	<1
<1		312	<10	73.7	3450	<0.5	42	<1
<1		187	<10	55.9	1300	<0.5	28	<1
<1		180	<10	29.6	2540	<0.5	8	<1
<1		828	<10	35.1	905	<0.5	14	<1
<1		231	<10	42.5	729	1.8	14	<1

<1	84	<10	8.5	139	6.1	4	<1	137
<1	432	<10	12.1	1050	<0.5	5	<1	64
<1	73	<10	44.2	1850	<0.5	19	<1	129
<1	251	<10	44.6	1710	<0.5	22	1	707
<1	1292	<10	58.9	1480	1.1	36	1	565
<1	2031	<10	8.3	842	<0.5	4	<1	30
<1	303	<10	16	1460	<0.5	11	<1	207
<1	75	<10	53.7	2230	<0.5	20	<1	269
<1	214	<10	69.9	4970	<0.5	20	<1	249
<1	139	<10	22.6	2330	<0.5	8	<1	94
<1	75	<10	19.1	668	<0.5	9	<1	130
<1	29	<10	11.5	355	<0.5	3	<1	63
<1	36	<10	12.1	969	<0.5	4	<1	56
<1	32	<10	36.2	948	<0.5	8	<1	79
<1	268	<10	26.9	2100	<0.5	14	<1	151
<1	316	<10	14	1310	<0.5	7	<1	133
<1	55	<10	34.2	1500	<0.5	16	<1	125
<1	33	<10	17.3	886	<0.5	5	<1	104
<1	201	<10	13.8	1580	<0.5	6	<1	39
<1	502	<10	24.5	614	<0.5	14	<1	212
<1	277	<10	16.1	445	<0.5	3	<1	90
<1	345	<10	20.1	3050	<0.5	5	<1	161
<1	241	<10	39.8	628	1.7	14	<1	243
<1	30	<10	12	380	<0.5	3	<1	53

Yb MMI-M5 ppb	Zn MMI-M5 ppb	Zr MMI-M5 ppb
1	20	5
21	146	65
2	35	15
4	97	20
7	366	152
54	468	150
39	118	78
19	408	153
3	64	33
17	426	98
5	101	39
3	50	41
13	244	243
13	152	45
34	82	95
20	81	180
9	64	72
16	213	84
3	284	40
5	111	25
<1	106	9
10	138	87
15	55	16
4	115	83
14	203	31
7	641	31
7	71	42
13	31	41
5	44	51
6	83	22
8	42	10
12	664	47
17	41	16
7	71	94
6	27	40
9	29	48
15	955	27
12	47	56
11	331	46
8	40	52
15	174	65
7	61	58
18	109	61
26	72	12
12	48	32
80	335	160
15	74	152
8	57	93
45	161	43
17	354	70

10	63	27
4	126	37
13	266	97
46	448	101
50	544	135
2	58	27
13	63	39
28	676	65
23	691	173
7	56	77
11	322	50
7	201	26
4	96	40
7	101	85
11	54	67
10	108	37
10	152	90
9	30	44
15	126	51
13	121	41
7	581	33
15	44	52
18	361	64
6	239	28



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Page: 1

Finalized Date: 16-OCT-2004

This copy reported on 1-FEB-2005

Account: KSLEXP

CERTIFICATE VA04070190

Project: Klondike

P.O. No.:

This report is for 64 Soil samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2004.

The following have access to data associated with this certificate:

ROBERT ADAMSON
R ADAMSON

R ADAMSON
PETER LUDWIG

ROBERT ADAMSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-42	Screen to -180 um, discard plu
SCR-01	Screen - Save plus fraction
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES

To: KSL EXPLORATION (YUKON) LTD
ATTN: R ADAMSON
LEVEL 10, 80 ARTHUR ST
NORTH SYDNEY NSW 2060
AUSTRALIA

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:



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Page: 2 - A

Total # Pages: 3 (A - C)

Finalized Date: 16-OCT-2004

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Project: Klondike

CERTIFICATE OF ANALYSIS VA04070190

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
D4830		0.34	0.011	<0.2	2.13	7	<10	120	<0.5	<2	0.14	<0.5	13	156	29	2.79
D4831		0.32	0.007	<0.2	1.64	9	<10	110	<0.5	<2	0.15	<0.5	9	24	30	2.60
D4832		0.38	0.018	<0.2	1.79	7	<10	110	<0.5	<2	0.13	<0.5	12	20	34	3.03
D4833		0.32	0.005	<0.2	2.12	5	<10	120	<0.5	<2	0.19	<0.5	11	56	30	3.10
D4834		0.34	0.001	<0.2	1.54	8	<10	70	<0.5	<2	0.13	<0.5	7	29	21	2.78
D4835		0.34	0.003	<0.2	1.93	8	<10	90	<0.5	<2	0.15	<0.5	14	64	47	2.99
D4836		0.34	0.003	<0.2	1.98	9	<10	120	<0.5	<2	0.12	<0.5	11	63	35	3.01
D4837		0.40	<0.001	<0.2	1.45	8	<10	70	<0.5	<2	0.13	<0.5	7	14	26	2.68
D4838		0.32	0.039	0.5	2.28	15	<10	190	<0.5	<2	0.12	<0.5	14	25	51	3.44
D4839		0.36	0.004	<0.2	1.80	10	<10	120	<0.5	<2	0.08	<0.5	6	23	12	2.83
D4840		0.36	0.002	<0.2	2.09	10	<10	130	<0.5	<2	0.09	<0.5	6	30	11	3.10
D4841		0.32	0.001	<0.2	2.61	12	<10	180	<0.5	2	0.09	<0.5	11	37	18	3.60
D4842		0.30	0.001	<0.2	1.88	12	<10	110	<0.5	<2	0.09	<0.5	11	26	15	3.39
D4843		0.32	0.001	<0.2	2.19	9	<10	200	<0.5	<2	0.15	<0.5	14	33	26	3.26
D4844		0.38	0.001	<0.2	1.82	14	<10	140	<0.5	<2	0.10	<0.5	7	22	34	3.03
D4845		0.36	0.001	<0.2	2.36	15	<10	40	<0.5	<2	0.19	<0.5	17	10	50	4.72
D4846		0.36	0.003	<0.2	1.76	16	<10	190	<0.5	<2	0.18	<0.5	7	17	18	2.79
D4847		0.30	<0.001	<0.2	1.58	12	<10	100	<0.5	<2	0.03	<0.5	10	21	28	3.30
D4848		0.42	0.005	<0.2	2.30	11	<10	230	<0.5	<2	0.08	<0.5	10	39	43	3.93
D4849		0.38	0.004	0.2	2.21	10	<10	150	<0.5	2	0.07	<0.5	11	40	99	3.83
D4850		0.40	0.007	0.3	2.03	23	<10	230	<0.5	<2	0.12	<0.5	9	33	25	3.06
D4851		0.30	0.003	<0.2	1.90	17	<10	250	<0.5	<2	0.10	<0.5	8	36	23	3.07
D4852		0.34	<0.001	0.2	2.29	33	<10	160	<0.5	<2	0.07	<0.5	8	39	23	3.37
D4853		0.30	0.001	<0.2	2.01	28	<10	120	<0.5	<2	0.07	<0.5	5	41	24	3.42
D4854		0.42	0.003	0.2	1.90	20	<10	130	<0.5	<2	0.08	<0.5	7	36	22	2.80
D4855		0.34	<0.001	0.5	2.39	39	<10	150	<0.5	<2	0.04	<0.5	8	49	36	4.10
D4856		0.30	0.001	0.4	2.47	33	<10	160	<0.5	<2	0.05	<0.5	9	42	31	3.84
D4857		0.40	0.003	<0.2	1.94	28	<10	240	<0.5	<2	0.07	<0.5	8	32	24	3.11
D4858		0.32	<0.001	<0.2	1.76	9	<10	150	<0.5	<2	0.07	<0.5	6	13	9	2.62
D4859		0.38	0.002	<0.2	2.14	7	<10	110	<0.5	<2	0.13	<0.5	12	159	26	2.75
D4860		0.32	0.005	<0.2	2.23	14	<10	160	<0.5	<2	0.10	<0.5	8	35	15	3.35
D4861		0.38	0.003	0.2	2.00	21	<10	230	<0.5	<2	0.12	<0.5	8	32	22	3.00
D4862		0.28	0.002	<0.2	2.01	8	<10	180	<0.5	<2	0.12	<0.5	8	23	12	3.12
D4863		0.30	0.007	0.4	2.20	17	<10	230	<0.5	<2	0.10	<0.5	8	27	19	2.96
D4864		0.38	0.002	<0.2	1.98	21	<10	250	<0.5	<2	0.09	<0.5	6	25	15	2.77
D4865		0.36	0.004	<0.2	1.92	20	<10	150	<0.5	<2	0.11	<0.5	6	16	8	2.80
D4866		0.44	0.001	<0.2	1.78	7	<10	160	<0.5	<2	0.11	<0.5	5	17	9	2.43
D4867		0.42	0.002	<0.2	1.98	8	<10	140	<0.5	<2	0.14	<0.5	7	19	12	3.19
D4868		0.38	0.003	<0.2	1.90	12	<10	160	<0.5	<2	0.15	<0.5	6	23	18	2.93
D4869		0.34	0.001	<0.2	1.98	9	<10	160	<0.5	<2	0.11	<0.5	6	21	13	3.19



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Page: 2 - B

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Finalized Date: 16-OCT-2004

Account: KSLEXP

Project: Klondike

CERTIFICATE OF ANALYSIS VA04070190

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
D4830		10	<1	0.03	10	1.44	265	1	0.01	58	300	6	<0.01	<2	4
D4831		10	<1	0.03	10	0.71	302	<1	<0.01	16	250	4	<0.01	<2	3
D4832		10	<1	0.03	10	0.93	343	1	0.01	18	290	4	<0.01	<2	4
D4833		10	1	0.03	10	1.30	346	<1	0.01	28	300	6	<0.01	<2	3
D4834		10	1	0.03	<10	0.94	327	1	0.01	14	350	5	<0.01	<2	2
D4835		10	<1	0.02	10	1.18	334	<1	0.01	36	270	3	<0.01	<2	3
D4836		10	<1	0.03	10	0.88	326	1	0.01	35	190	6	<0.01	<2	3
D4837		10	<1	0.02	10	0.64	223	1	0.01	10	250	5	<0.01	<2	2
D4838		10	<1	0.03	10	0.76	406	1	0.01	21	240	12	<0.01	<2	5
D4839		10	<1	0.04	10	0.43	253	1	0.01	12	300	8	<0.01	<2	3
D4840		10	<1	0.03	10	0.39	243	1	0.01	14	300	9	<0.01	<2	4
D4841		10	1	0.04	10	0.56	439	2	0.01	19	400	8	<0.01	<2	4
D4842		10	1	0.03	10	0.67	760	1	0.01	14	380	6	<0.01	<2	3
D4843		10	<1	0.03	10	0.63	1015	1	0.01	18	250	7	<0.01	<2	7
D4844		10	1	0.03	10	0.68	316	1	0.01	14	190	5	<0.01	<2	4
D4845		10	<1	0.01	<10	1.48	552	<1	0.01	13	290	<2	<0.01	<2	2
D4846		10	1	0.03	10	0.55	299	1	0.01	11	360	8	0.01	<2	3
D4847		10	<1	0.02	10	0.87	373	1	0.01	11	320	3	<0.01	<2	7
D4848		10	1	0.04	10	0.98	284	1	0.01	26	380	3	<0.01	<2	4
D4849		10	<1	0.04	10	1.44	510	1	0.01	26	430	6	<0.01	<2	3
D4850		10	<1	0.04	10	0.70	313	1	0.01	22	310	8	<0.01	<2	4
D4851		10	<1	0.05	20	0.83	271	1	0.01	25	310	8	<0.01	<2	3
D4852		10	<1	0.03	10	0.80	198	1	0.01	26	230	10	<0.01	<2	3
D4853		10	<1	0.03	20	0.78	178	1	0.01	23	220	6	<0.01	<2	3
D4854		10	1	0.03	20	0.80	268	1	0.01	23	400	8	<0.01	<2	3
D4855		10	1	0.03	20	0.95	256	2	0.01	32	440	5	<0.01	<2	3
D4856		10	<1	0.03	20	0.67	226	2	0.01	35	270	8	<0.01	<2	3
D4857		10	<1	0.05	10	0.45	262	2	0.01	26	260	14	<0.01	<2	3
D4858		10	<1	0.04	10	0.62	156	1	0.01	10	140	5	<0.01	<2	3
D4859		10	1	0.03	10	1.47	256	1	0.01	60	260	4	<0.01	<2	4
D4860		10	<1	0.04	10	0.45	356	2	0.01	16	340	9	<0.01	<2	5
D4861		10	<1	0.04	10	0.66	277	1	0.01	23	290	8	<0.01	<2	3
D4862		10	<1	0.05	10	0.72	452	1	0.01	14	260	10	<0.01	<2	4
D4863		10	1	0.06	10	0.50	219	1	0.01	22	200	8	<0.01	<2	3
D4864		10	<1	0.05	10	0.45	249	1	0.01	16	190	7	<0.01	<2	3
D4865		10	<1	0.04	10	0.57	221	1	0.01	9	220	5	<0.01	<2	3
D4866		10	<1	0.03	20	0.53	166	1	0.01	10	320	4	<0.01	<2	3
D4867		10	<1	0.03	10	0.71	410	1	0.01	12	350	3	<0.01	<2	4
D4868		10	1	0.04	10	0.63	255	<1	<0.01	18	440	6	<0.01	<2	3
D4869		10	<1	0.03	10	0.52	336	1	<0.01	11	510	6	<0.01	<2	3



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CERTIFICATE OF ANALYSIS VA04070190

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Ti	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
D4830 D4831 D4832 D4833 D4834	LOR	0.01	10	10	1	10	2
		0.07	<10	<10	65	<10	42
		0.06	<10	<10	56	<10	45
		0.04	<10	<10	64	<10	57
		0.03	<10	<10	85	<10	49
		0.11	<10	<10	64	<10	48
D4835 D4836 D4837 D4838 D4839		0.08	<10	<10	59	<10	46
		0.09	<10	<10	61	<10	46
		0.10	<10	<10	68	<10	39
		0.04	<10	<10	65	<10	55
		0.06	<10	<10	53	<10	45
D4840 D4841 D4842 D4843 D4844		0.09	<10	<10	73	<10	40
		0.10	<10	<10	77	<10	56
		0.08	<10	<10	72	<10	49
		0.08	<10	<10	85	<10	50
		0.03	<10	<10	63	<10	39
D4845 D4846 D4847 D4848 D4849		0.14	<10	<10	71	<10	67
		0.03	<10	<10	41	<10	46
		0.01	<10	<10	90	<10	38
		0.02	<10	<10	57	<10	77
		0.02	<10	<10	42	<10	184
D4850 D4851 D4852 D4853 D4854		0.04	<10	<10	51	<10	85
		0.04	<10	<10	49	<10	56
		0.04	<10	<10	52	<10	61
		0.03	<10	<10	50	<10	70
		0.04	<10	<10	51	<10	65
D4855 D4856 D4857 D4858 D4859		0.01	<10	<10	50	<10	96
		0.02	<10	<10	59	<10	74
		0.03	<10	<10	49	<10	62
		0.02	<10	<10	46	<10	37
		0.07	<10	<10	65	<10	43
D4860 D4861 D4862 D4863 D4864		0.09	<10	<10	71	<10	45
		0.05	<10	<10	54	<10	76
		0.03	<10	<10	61	<10	78
		0.04	<10	<10	48	<10	47
		0.04	<10	<10	45	<10	48
D4865 D4866 D4867 D4868 D4869		0.03	<10	<10	39	<10	40
		0.03	<10	<10	39	<10	39
		0.03	<10	<10	52	<10	48
		0.05	<10	<10	53	<10	53
		0.05	<10	<10	55	<10	46



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
D4870		0.46	0.003	<0.2	2.09	8	<10	110	<0.5	<2	0.10	<0.5	8	55	12	3.18
D4871		0.28	0.003	<0.2	2.28	8	<10	150	<0.5	<2	0.10	<0.5	9	28	20	3.40
D4872		0.34	0.001	<0.2	2.02	11	<10	140	<0.5	<2	0.12	<0.5	7	27	15	3.02
D4873		0.38	0.001	<0.2	1.80	7	<10	150	<0.5	<2	0.20	<0.5	7	30	12	2.68
D4874		0.32	0.001	0.2	2.50	10	<10	150	<0.5	<2	0.18	<0.5	11	23	26	4.01
D4875		0.34	0.018	0.2	1.56	5	<10	60	<0.5	<2	0.11	<0.5	9	16	17	3.04
D4876		0.40	0.011	<0.2	2.13	6	<10	130	<0.5	<2	0.12	<0.5	10	57	26	3.28
D4877		0.30	0.011	0.2	2.47	3	<10	100	<0.5	<2	0.17	<0.5	18	219	47	3.15
D4878		0.38	0.002	0.2	2.44	5	<10	110	<0.5	<2	0.17	<0.5	15	154	45	3.29
D4879		0.42	0.008	<0.2	2.43	6	<10	120	<0.5	<2	0.11	<0.5	17	44	72	3.90
D4880		0.40	0.001	0.2	2.20	6	<10	330	<0.5	<2	0.13	<0.5	14	77	31	3.53
D4881		0.36	0.003	0.3	2.75	7	<10	170	<0.5	<2	0.14	<0.5	15	157	47	3.77
D4882		0.36	0.011	0.3	2.74	10	<10	180	<0.5	2	0.13	<0.5	20	72	70	4.56
D4883		0.36	0.003	<0.2	1.97	4	<10	110	<0.5	<2	0.17	<0.5	14	124	43	2.70
D4884		0.36	0.022	<0.2	2.24	7	<10	110	<0.5	<2	0.10	<0.5	9	60	15	3.60
D4885		0.36	<0.001	<0.2	2.18	6	<10	350	<0.5	<2	0.13	<0.5	12	75	29	3.49
ED01		0.40	0.040	<0.2	1.58	56	<10	160	<0.5	<2	0.15	<0.5	8	29	24	2.72
ED02		0.30	0.010	2.2	3.26	35	<10	250	0.6	<2	0.11	<0.5	12	42	25	3.69
ED03		0.28	0.003	0.5	2.03	31	<10	210	<0.5	<2	0.18	<0.5	8	30	17	3.33
ED04		0.26	0.006	<0.2	1.16	12	<10	170	<0.5	<2	0.18	<0.5	6	25	19	2.08
ED05		0.30	0.006	<0.2	1.82	16	<10	210	<0.5	<2	0.20	<0.5	8	32	25	2.82
ED06		0.38	0.004	<0.2	1.54	17	<10	220	0.5	<2	0.18	<0.5	10	31	31	2.78
ED07		0.30	0.010	0.2	1.27	15	<10	300	<0.5	<2	0.23	<0.5	7	22	13	2.43
ED08		0.30	0.048	<0.2	1.30	51	<10	440	0.5	<2	0.08	<0.5	5	23	24	2.66



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
D4870		10	<1	0.02	10	0.82	322	1	<0.01	20	220	4	<0.01	<2	4
D4871		10	<1	0.03	10	0.73	359	1	<0.01	20	180	4	<0.01	<2	3
D4872		10	1	0.03	10	0.64	338	<1	<0.01	16	180	6	<0.01	<2	3
D4873		10	<1	0.03	10	0.68	367	1	<0.01	16	280	5	<0.01	<2	3
D4874		10	<1	0.03	10	1.00	445	1	<0.01	17	300	3	<0.01	<2	3
D4875		10	<1	0.03	<10	0.78	451	1	<0.01	11	280	2	<0.01	<2	3
D4876		10	<1	0.03	10	1.18	340	1	<0.01	29	220	4	<0.01	<2	4
D4877		10	<1	0.02	<10	2.39	416	<1	<0.01	92	250	<2	<0.01	<2	3
D4878		10	<1	0.02	<10	1.90	366	<1	<0.01	63	210	3	<0.01	<2	4
D4879		10	<1	0.03	10	1.50	514	1	<0.01	32	190	4	<0.01	<2	5
D4880		10	1	0.04	10	0.82	689	1	<0.01	33	240	4	<0.01	<2	7
D4881		10	1	0.03	10	1.76	402	1	<0.01	62	130	3	<0.01	<2	7
D4882		10	<1	0.04	10	1.66	1225	1	<0.01	31	520	6	<0.01	<2	8
D4883		10	<1	0.02	10	1.53	334	<1	<0.01	55	270	4	<0.01	<2	3
D4884		10	1	0.02	10	0.92	375	<1	<0.01	23	260	4	<0.01	<2	4
D4885		10	<1	0.04	10	0.81	564	1	<0.01	33	250	4	<0.01	<2	7
ED01		<10	<1	0.05	10	0.48	291	1	<0.01	20	380	7	<0.01	<2	4
ED02		10	1	0.05	10	0.47	325	2	<0.01	25	530	11	<0.01	<2	4
ED03		10	1	0.06	10	0.35	413	1	<0.01	18	500	9	<0.01	<2	3
ED04		<10	<1	0.04	10	0.41	233	1	<0.01	21	300	6	<0.01	<2	2
ED05		10	<1	0.05	10	0.51	227	1	<0.01	24	440	6	<0.01	<2	4
ED06		<10	<1	0.04	20	0.49	467	2	<0.01	26	210	12	<0.01	<2	4
ED07		<10	<1	0.06	10	0.27	258	1	<0.01	14	470	10	<0.01	<2	2
ED08		10	1	0.04	20	0.24	133	2	<0.01	16	530	13	<0.01	<2	3



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CERTIFICATE OF ANALYSIS VA04070190

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
D4870		0.05	<10	<10	53	<10	56
D4871		0.05	<10	<10	49	<10	57
D4872		0.07	<10	<10	55	<10	51
D4873		0.04	<10	<10	52	<10	48
D4874		0.10	<10	<10	79	<10	94
D4875		0.07	<10	<10	72	<10	50
D4876		0.07	<10	<10	71	<10	50
D4877		0.08	<10	<10	66	<10	44
D4878		0.10	<10	<10	77	<10	48
D4879		0.06	<10	<10	72	<10	78
D4880		0.03	<10	<10	83	<10	54
D4881		0.11	<10	<10	90	<10	60
D4882		0.06	<10	<10	96	<10	57
D4883		0.08	<10	<10	55	<10	42
D4884		0.05	<10	<10	53	<10	62
D4885		0.03	<10	<10	82	<10	53
ED01		0.06	<10	<10	55	<10	55
ED02		0.09	<10	<10	83	<10	64
ED03		0.09	<10	<10	82	<10	50
ED04		0.07	<10	<10	47	<10	40
ED05		0.08	<10	<10	60	<10	54
ED06		0.08	<10	<10	59	<10	61
ED07		0.06	<10	<10	64	<10	45
ED08		0.05	<10	<10	61	<10	41

KSL Exploration (Yukon) Limited

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I, Robert Gerard Adamson declare that I am co-author of the report entitled "*Assessment Report for the Renewal of the Quartz Claims, DOM 11, 13, 15, 41-47, 71-78, 102, 104, 106, 173, 175, 177-182, 207-220, 242-250, 276, 278, 280 & 282. Dominion Creek area, Dawson Mining District, Yukon Territory, NTS Reference: 115 O/15, Centred at Geographic Co-ordinates: 138° 53' W, 63° 48' 30" N Assessment Work: Geochemical and geological surveying*", dated November 2005.

My professional experience comprises some thirtyfive 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 (40 years membership) and of the Mining Industry Consultants Association (Australia) (10 years membership).

I was admitted to the status of Chartered Practising Geologist (AusIMM) in February 2000.

I am a director of KSL Exploration (Yukon) Limited and CEO of the parent company Klondike Source Limited.

Signed



January 12. 2006

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 the Renewal of the Quartz Claims, DOM 11, 13, 15, 41-47, 71-78, 102, 104, 106, 173, 175, 177-182, 207-220, 242-250, 276, 278, 280 & 282. Dominion Creek area, Dawson Mining District, Yukon Territory, NTS Reference: 115 O/15, Centred at Geographic Co-ordinates: 138° 53' W, 63° 48' 30" N Assessment Work: Geochemical and geological surveying*", dated November 2005.

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 and a director of KSL Exploration (Yukon) Limited.

Signed



.....
C M Thomas

January 12, 2006