KSL Exploration (Yukon) Limited

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14507

Assessment Report for the Renewal of Bry 1 to 13, My 1 to 32, Hit 7 to 18, 25 to 35, 47 to 52, 57 to 63 and 70 to 79, and Strike 1 to 31 Claims, Gold Run Creek

NTS 115 O/15 &NTS115O/10, Dawson Mining District

and centred at 138°45'W, 63°50'45"N

Geochemical Soil Surveys, 4-7 June and 11-15 August, 2004

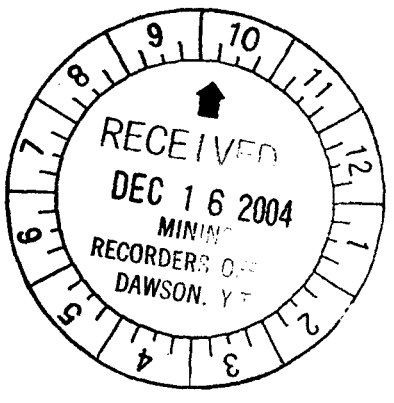
December 2004

By

R.G. Adamson
and
C.M. Thomas

Consulting Geologists and Directors of KSL Exploration (Yukon) Limited

Prepared for:
The Dawson Mining Recorder
Dawson City, Yukon Territory



Costs associated with this report have been approved to the amount of $ 17,400
for assessment credit under Certificate of
Work No. 200507 & 200530

K. Berry

Mining Recorder
Dawson City Mining District

KSL Exploration (Yukon) Limited

CONTENTS

KSL Exploration (Yukon) Limited

1. INTRODUCTION

1.1 LOCATION OF CLAIMS

This block of 122 contiguous claims is located from the upper reaches of Gold Run Creek extending southerly for 7 km on the southwestern border of this creek. The claims straddle the boundary of NTS 115O/10 and 115O/16 centred on 138"45'W and 63"45 and are situated some 40 km southeast of Dawson City (Figure 1).

1.2 ACCESS

There is good access to the area of the claims from Dawson City via the Goldfields tourist loop road, and thence along the Sulphur Creek road for three kilometres and then along a good, but much less used road, to the Gold Run Creek district, which runs along the northeastern side of the creek. The southern part of the Hit claim block can be more easily accessed from the Sulphur Creek road.

1.3 SCHEDULE OF CLAIMS

Appendix I is a Schedule of the Claims being renewed with the period of extension requested.

1.4 BASIS FOR CLAIMS

The claims were staked on a "Pogo" model covering terrain with elements of N-S structuring, notably small domes, lying between Sulphur and Gold Run Creeks. The claims are located upstream of the major alluvial (placer) gold workings on Gold Run Creek and could have sourced these alluvial deposits.

2. PREVIOUS EXPLORATION

Previous exploration in this area, prior to KSL Exploration (Yukon) Limited (KSL Yukon) staking claims in the district, has been summarised in previous KSL Yukon assessment reports (Adamson and Thomas, 2001 and 2002)

These reports provide also, details of previous KSL Yukon work which consisted solely of geochemical soil surveys sampling the "A" horizon for analysis using the mobile metal ion (MMI) enzyme-leach extraction method. This work complemented and extended an earlier -80# "B" horizon grid soil survey in the northern sector of the Hit claim block, which had defined some possible significant soil anomalies.

The earlier KSL Yukon reports (*op cit*) provide a regional and district geological summary.

3. 2004 GEOCHEMISTRY FIELD PROGRAM

As noted above, previous KSL Yukon geochemical soil surveys solely sampled the "A" horizon for MMI analysis.

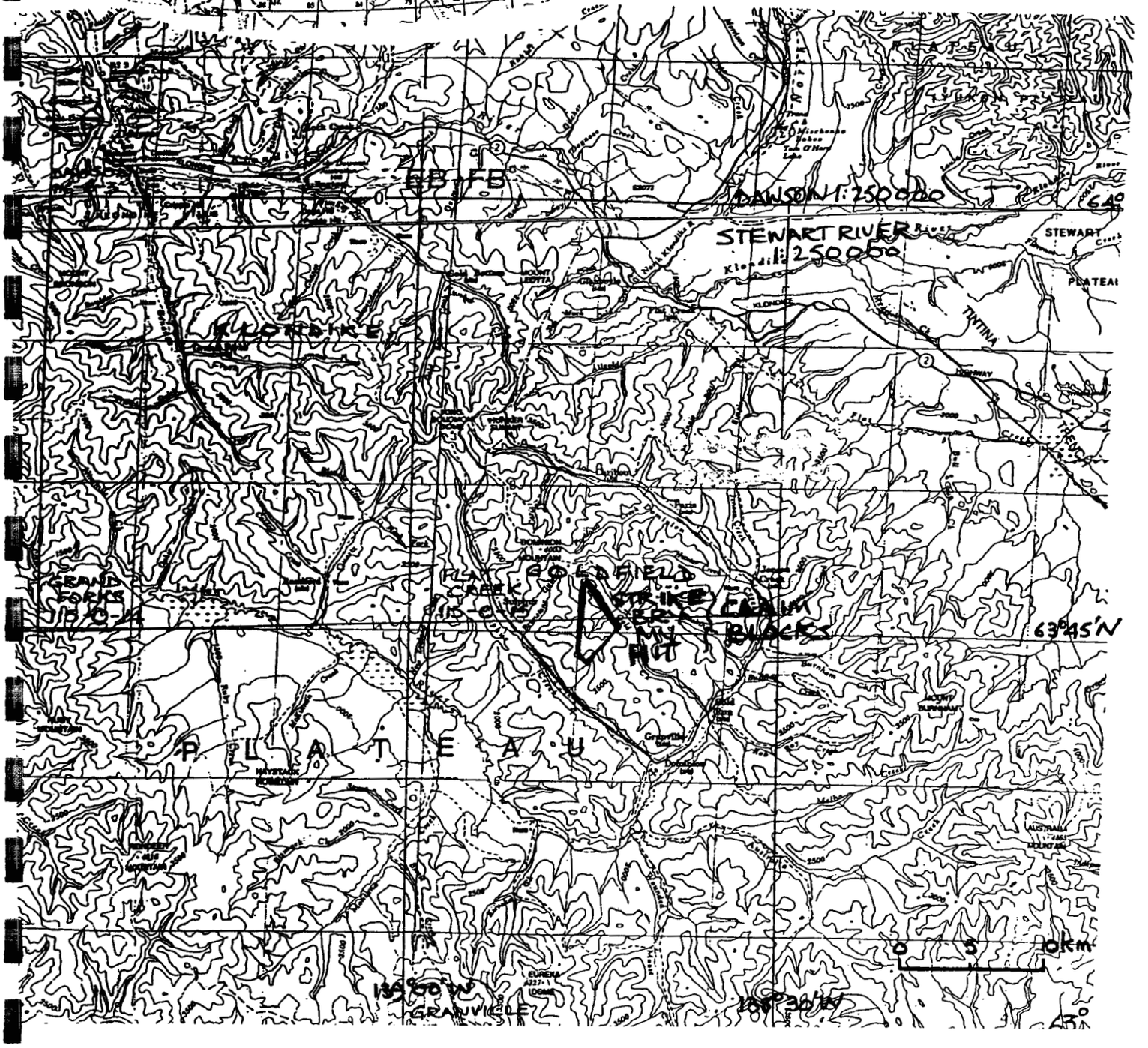
In 2004, soil sampling traverses covered areas not previously sampled, and on the newly staked My claims located between the older Hit and Strike-Bry claim blocks.

A total of 155 soil sites were sampled, 94 samples collected for conventional -80# assaying and 155 samples for MMI analyses.

Klondike Source Ltd

Figure 1:

Location Map
Klondike Goldfield



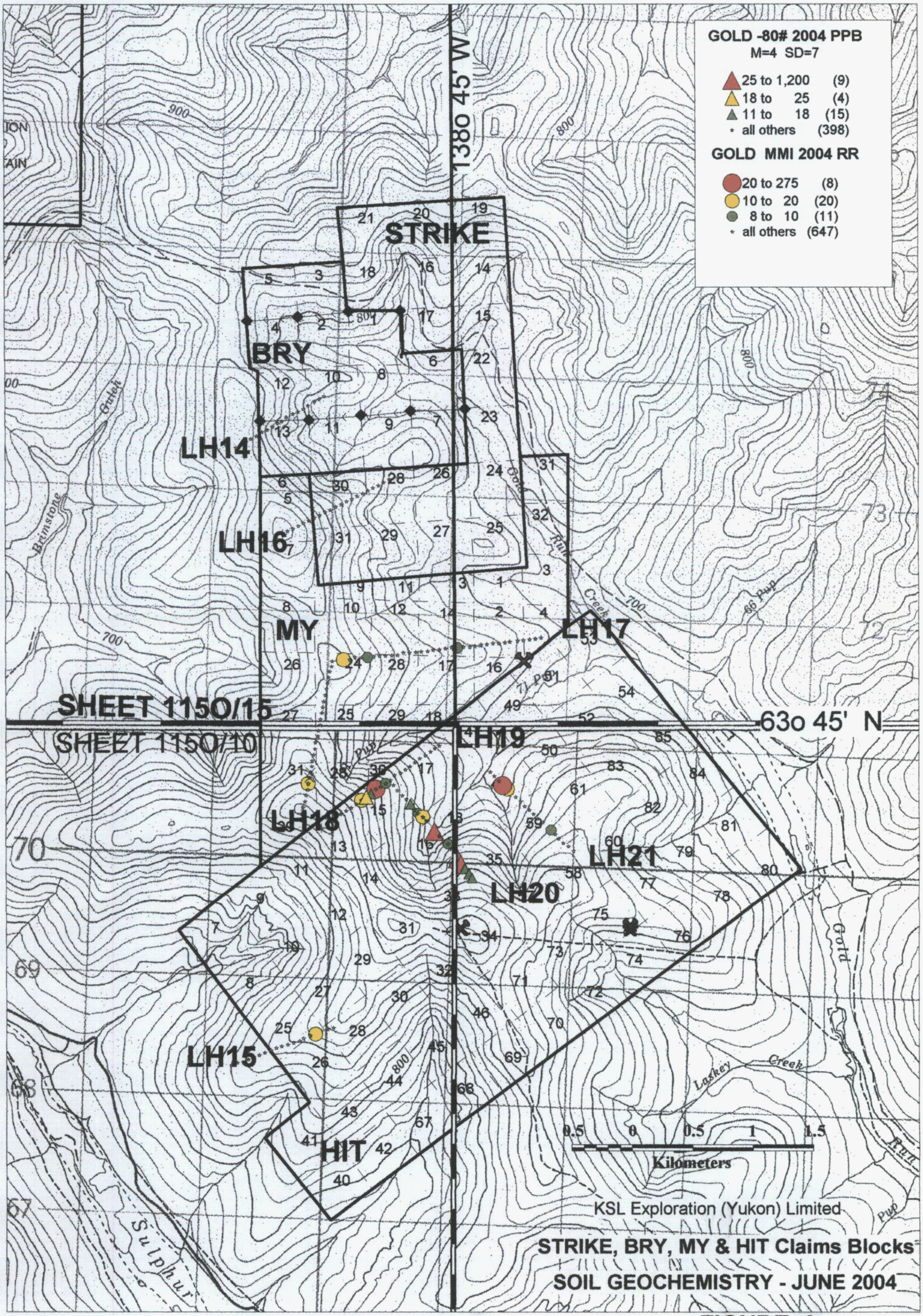

GOLD -80# 2004 PPB
M=4 SD=7
25 to 1,200 (9)
18 to 25 (4)
11 to 18 (15)
all others (398)
GOLD MMI 2004 RR
20 to 275 (8)
10 to 20 (20)
8 to 10 (11)
all others (647)
138o 45' W
63o 45' N
SHEET 115O/15
SHEET 115O/10
STRIKE
BRY
LH14
LH16
MY
LH17
LH19
LH18
LH21
LH20
LH15
HIT
Brimstone Gulch
Gold Run Creek
66 Pup
71 Pup
Laskey Creek
Gold Run
Sulphur
0.5 0 0.5 1 1.5
Kilometers
KSL Exploration (Yukon) Limited
STRIKE, BRY, MY & HIT Claims Blocks
SOIL GEOCHEMISTRY - JUNE 2004

FIGURE 2

Figure 2 summarises the gold results of this work. The soil sample sites were surveyed by GPS and soil types and geological notes were also recorded. Appendix 2 consists of the ledger sheets of this data which are held as computer records of KSL Yukon.

4. COMMENTS

The results of this program confirmed a previously defined gold anomalous area in the central northern sector of the Hit claims, and provided evidence for the extension of the anomaly northwest to the Hit-My claim boundary.

Only sporadic weak gold anomalies were located to the north in the My claims.

More detailed grid soil sampling will be required to better define the possible structural parameters eg. strike, of this gold anomalous area. It is noted that anomalous spoil samples are all located on the northeastern side of the ridge forming the drainage divide between Sulphur and Gold Run Creeks.

References:

Adamson, R.G. and Thomas, C.M., 2001: Assessment Report for Renewal of KSL, Strike and Hit Claims,; NTS 115O-10 and 115O/15Unpublished report prepared for The Dawson Mining Recorder by KSL Exploration (Yukon) Limited.

Adamson, R.G. and Thomas, C.M., 2002: Assessment Report for Renewal of HIT Claims 47-83, NTS 115O-10 and 115O/15; Unpublished report prepared for the Dawson Mining Recorder, Dawson City, Yukon Territory by KSL Exploration (Yukon) Limited.

KSL Exploration (Yukon) Limited

AUTHORS' PROFESSIONAL STATEMENTS

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I, **Robert Gerard Adamson** declare that I am co-author of the report entitled "Assessment Report for the Renewal of Bry 1 to 13, My 1 to 32, Hit 7 to 18, 25 to 35, 47 to 52, 57 to 63 and 70 to 79, and Strike 1 to 31 Claims, Gold Run Creek NTS 115 O/15 &NTS115O/10, Dawson Mining District" dated December 2004.

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.

MEMBER MINERAL INDUSTRY CONSULTANTS ASSOCIATION
R. G. ADAMSON 17.4.98
AUSTRALIA

December 13, 2004 Signed .....

KSL Exploration (Yukon) Limited

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

trading as ***Poduta Pty Limited****, ABN 97 087 891 325*
and Director of RobSearch Australia Pty Limited,
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I, **Colin Maguire Thomas** declare that I am co-author of the report entitled "Assessment Report for the Renewal of Bry 1 to 13, My 1 to 32, Hit 7 to 18, 25 to 35, 47 to 52, 57 to 63 and 70 to 79, and Strike 1 to 31 Claims, Gold Run Creek NTS 115 O/15 &NTS115O/10, Dawson Mining District" dated December 2004.

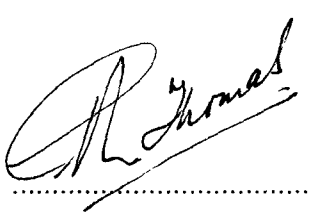
I graduated with 2nd Class (Div.1) Honours in Geology from the University of St Andrews, Scotland in 1960.

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



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C M Thomas

December 13, 2004

KSL Exploration (Yukon) Limited

Appendix 1

Schedule of Claims and Renewal Requested

STRIKE 1 (YC 20315) to 31(YC20332) for 1.25 years (16 months)

BRY 1 (YC 21562) to 13 (YC21574) for 1.5 years

MY 1 (YC 32795) to 30 (YC 32824) for 1.25 years

MY 31 (YC 32825) for 0.5 years

MY 32 (YC32826) for 1.25 years

HIT 7 (YC 20137) to HIT 18 (YC 20148))

HIT 25 (YC 20155) to HIT 35 (YC 20165))

HIT 47 (YC 20343) to HIT 52 (YC (20338))

HIT 59 (YC 20343) to HIT 63 (YC 20349))

HIT 70 (YC 20356) to HIT 79 (YC 20365))

Hit 57-63 YC 20343-49

KSL Exploration (Yukon) Limited

Appendix 2

Soil Sampling Ledgers

ABBREVIATIONS FOR GEOCHEMICAL & GEOLOGICAL NOTATIONS

LAND FORM

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

STATE

W	Wet
f	Frozen
pf	Partly frozen
org	Organic
sk	Skeletal

MINERALS (a>b>c)

q	quartz
f	feldspar
m	muscovite
ser	sericite
b	biotite
c	chlorite
p	pyrite
carb	carbonaceous

COLOUR

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

SOIL COMPOSITION

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

ROCKS ETC.

s	schist
qte	quartzite
por	porphyry
gd	granodiorite
qv	vein quartz
met	metamorphic
meso	mesothermal
ox	oxidised
lim	limonitic
hem	hematitic
tr	trace
ptly	partly

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE		FLAT CREEK 1:50,000 115-0/15										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
LH14		Sampled: 04-Jun-04		By:	AL,SJ							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit	0.1	1	3	0.1	0.1
	LH4064	609840	7073847		s++	5	b org	b	si cl	no rocks			<0.1	13	67	<0.1	25.4
	LH4065	609800	7073824		s++	5	b org	b	si cl	no rocks			<0.1	6	57	<0.1	28.6
	LH4066	609761	7073802		s++	10	b org	b	si gr cl	no rocks			<0.1	19	79	<0.1	61.2
	LH4067	609710	7073770		s++	10	a b org	b	si cl	no rocks			0.15	6	218	<0.1	21
	LH4068	609674	7073740		s++	40	a f	bl	si	no rocks	poor sample		<0.1	2	35	<0.1	0.65
	LH4069	609629	7073715		s++	30	f a org	bl b	si cl	no rocks			<0.1	2	38	<0.1	2.04
	LH4070	609586	7073694		s++	10	b org	b	si gv cl	q m s qv	Dup LH4082		<0.1	15	40	0.15	17.6
	LH4071	609536	7073666		s++	10	b org	b	si gr cl	q m s			<0.1	6	27	0.18	7.02
	LH4072	609495	7073630		s++	10	b org	b	si cl	q m s			<0.1	8	20	<0.1	3.13
	LH4073	609459	7073614		s++	10	b org	b	si	no rocks			<0.1	32	96	<0.1	21.1
	LH4074	609418	7073582		s++	10	b <org	gr	si gr cl	qv			0.11	25	51	0.12	28.5
	LH4075	609377	7073556		s++	10	b org	b ob	si cl	q m s			<0.1	29	98	0.12	43
	LH4076	609333	7073535		s++	15	b <org	b gr	si cl	s			<0.1	12	28	<0.1	7.32
	LH4077	609288	7073501		s++	10	org b	bg	si cl	q m c s			<0.1	15	29	<0.1	3.48
	LH4078	609246	7073477		s	10	b org	b	si cl	q m s			<0.1	13	11	<0.1	5
	LH4079	609207	7073453		r	10	b org	b	cl gr si	q m s lim			<0.1	6	25	<0.1	23.3
	LH4080	609166	7073425		s	10	b org	b ob	si cl	lim q m s	DupLH4083		<0.1	8	9	<0.1	11.3
	LH4081	609123	7073400		s	5	b org	b ob g	si cl gv	q m s c?			<0.1	9	10	<0.1	24.1
	LH4070												<0.1	15	40	0.15	17.6
DUP-LH4070													<0.1	12	46	0.17	17.8
	LH4082	Duplicate for LH4070											<0.1	11	40	0.14	19.7
DUP-LH4082													<0.1	9	35	0.18	17.5
	LH4080												<0.1	8	9	<0.1	11.3
	LH4083	Duplicate for LH4080			Check LH4080								<0.1	7	12	<0.1	11.8

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La
TRAVERSE		GRANVILLE 1:50,000 115-0/10				GRAND FORKS 1:50,000 115-0/14						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
LH15		Sampled: 11-Aug-04			By:	Sampled:			By: PL, SJ			Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50				Sample Interval (m): 50						Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1
LH4717		610088	7068587		S+	20	b a org	ob b	cl si gr	ox p, qms			14	12	<0.1	3902	<1	176	43	43	157	226	22	12.2	2.3	13	16
LH4718		610041	7068573		S++	15	b a	ob	cl si gv	qm ox p			168	77	<0.1	4294	2	62	48	109	178	237	30	15.5	5	26	92
LH4719		609991	7068560		S++	15	b a	yb b	cl; gr si	qms lim mets q hem			23	14	<0.1	2888	<1	75	<10	71	209	150	17	9.7	3.2	16	40
LH4720		609940	7068529		S++	15	b<a	rb	cl si	qms ox qv carb? Lim	Dup LH4736		114	28	0.6	2344	<1	<10	<10	294	332	554	71	34.4	12	53	95
LH4721		609896	7068516		S++	15	b a <org	ob b	si cl gr	qms lim qv			87	<10	0.1	969	<1	24	<10	338	64	182	79	42.2	15.9	74	175
LH4722		609844	7068491		S++	15	a org	b	cl	lim qms			37	<10	<0.1	3568	<1	49	26	23	422	484	24	21.4	1.3	8	11
LH4723		609812	7068467		S+	20	d b a org	gb b	cl si gr	qms			46	11	<0.1	2530	<1	61	<10	33	195	266	18	12.2	2.3	11	13
LH4724		609762	7068448		S+	20	b org	yb b	si cl gr	qms ox			117	72	0.2	4031	<1	31	29	103	139	298	22	11.4	4.7	22	65
LH4725		609715	7068435		S+	15	b	rb	si cl gr	hem s			17	<10	<0.1	10230	<1	128	<10	16	737	282	10	10.8	<0.5	3	10
LH4726		609664	7068417		S+	15	b a	rb b	cl si gr	qv, hem ox s			35	<10	<0.1	2149	<1	129	11	73	79	110	22	11.3	4.1	20	32
LH4727		609620	7068403		S+	15	b a	yb b	si cl ge	qte m lim ox			16	39	<0.1	5466	<1	75	43	140	196	294	78	45.9	10.8	52	76
LH4728		609576	7068382		S+	15	b >a	ob	cl si gr	qte m lim			70	132	<0.1	5786	<1	76	27	186	72	174	49	23.9	10.9	53	142
LH4729		609526	7068360		S+	15	a b org	b ob	cl si gr	qms ox			44	18	<0.1	2721	<1	133	10	81	219	156	33	19	5.6	29	46
LH4730		609481	7068338		S+	15	b a org	ob b	cl si gr	qte m s lim	Dup LH4737		43	<10	0.2	2237	<1	108	<10	123	96	137	27	14.3	4.6	22	54
LH4731		609436	7068323		S+	15	b <org	yb < b	cl si gv	qms ox			10	14	0.1	2943	<1	94	15	96	211	116	16	8.9	3.1	15	34
LH4732		609391	7068298		S+	15	b <a org	ob <b	si gv cl	qte m hem			<1	<10	<0.1	4593	<1	118	35	13	221	23	2	1.5	<0.5	1	7
LH4733		609350	7068272		S+	15	b <a org	o g b <b	si cl gr	qte m, cs ox			20	10	0.2	7780	<1	279	<10	605	60	234	59	29.6	13.6	66	276
LH4734		609299	7068267		S+	15	b <a org	ob <b	si cl gr	lim s			39	21	0.3	5799	<1	116	<10	1286	55	175	276	139	64.9	300	864
LH4735		609253	7068246		S+	20	b	ob	cl si	qms lim			16	<10	0.2	3527	<1	110	<10	442	201	202	97	47.2	19.3	94	179
		NOTE: qms is strongly weatherd to oxidized. May have biot specks locally but hard to distinguish.																									
LH4720													114	28	0.6	2344	<1	<10	<10	294	332	554	71	34.4	12	53	95
LH4736		Dup for LH4720											98	29	0.6	2070	<1	<10	<10	286	296	460	56	28.3	9.5	43	118
LH4730													43	<10	0.2	2237	<1	108	<10	123	96	137	27	14.3	4.6	22	54
LH4737		Dup for LH4730											31	<10	0.1	2071	<1	117	17	66	128	116	20	11.3	3	16	29
LH4722													37	<10	<0.1	3568	<1	49	26	23	422	484	24	21.4	1.3	8	11
DUP-LH4722													36	<10	<0.1	3629	<1	56	27	22	422	489	27	23.7	1.5	9	9
LH4730													43	<10	0.2	2237	<1	108	<10	123	96	137	27	14.3	4.6	22	54
DUP-LH4730													45	<10	0.2	2521	<1	100	<10	109	87	135	25	13.4	4.3	21	48

SAMPLE No / TRAVERSE LH15	Mg MMI-MS ppm 1	Mo MMI-MS ppb 5	Nb MMI-MS ppb 0.5	Nd MMI-MS ppb 1	Ni MMI-MS ppb 5	Pb MMI-MS ppb 10	Pd MMI-MS ppb 1	Pr MMI-MS ppb 1	Rb MMI-MS ppb 5	Sb MMI-MS ppb 1	Sm MMI-MS ppb 1	Sn MMI-MS ppb 1	Sr MMI-MS ppb 10	Te MMI-MS ppb 1	Th MMI-MS ppb 0.5	Ti MMI-MS ppb 3	Tl MMI-MS ppb 0.5	U MMI-MS ppb 1	W MMI-MS ppb 1	Y MMI-MS ppb 5	Yb MMI-MS ppb 1	Zn MMI-MS ppb 20	Zr MMI-MS ppb 5
LH4717	15	<5	1.1	22	204	167	<1	5	12	<1	7	<1	798	<1	9.5	882	<0.5	3	<1	140	8	306	23
LH4718	15	6	7.1	66	229	635	<1	17	86	2	17	2	349	<1	21	3670	<0.5	5	<1	175	10	477	58
LH4719	25	<5	2.8	48	247	294	<1	12	27	<1	11	<1	508	<1	8	1380	<0.5	3	<1	114	6	70	24
LH4720	7	<5	1.5	152	191	621	1	35	85	<1	39	<1	30	<1	50.2	780	<0.5	24	<1	309	24	58	99
LH4721	6	<5	<0.5	253	144	439	<1	61	56	<1	54	<1	153	<1	14.4	109	<0.5	5	<1	475	29	25	13
LH4722	10	<5	0.7	11	338	122	<1	3	63	<1	4	<1	397	<1	10.9	299	0.6	7	<1	135	20	74	29
LH4723	16	<5	1	22	197	185	<1	5	23	<1	7	<1	446	<1	11.6	530	<0.5	2	<1	103	9	43	17
LH4724	14	<5	5.1	72	213	401	<1	17	84	1	17	2	248	1	20.5	2760	<0.5	4	<1	123	8	175	58
LH4725	40	<5	0.8	7	296	71	<1	2	75	<1	2	<1	1013	<1	9.8	319	<0.5	5	<1	51	11	100	21
LH4726	30	<5	<0.5	55	130	243	<1	13	12	<1	13	<1	664	<1	5.5	173	<0.5	2	<1	144	7	28	9
LH4727	18	<5	2.6	125	252	270	<1	27	36	<1	38	<1	525	<1	56.7	1390	<0.5	17	<1	375	33	171	55
LH4728	22	<5	4	155	322	491	<1	36	23	1	39	1	450	<1	13.6	2180	<0.5	4	<1	304	15	160	32
LH4729	18	<5	<0.5	76	210	209	<1	17	18	<1	19	<1	637	<1	10	238	<0.5	4	<1	218	13	45	14
LH4730	22	<5	0.7	72	129	666	<1	17	51	<1	16	<1	477	3	11.1	260	<0.5	3	1	155	10	41	19
LH4731	12	<5	1.4	46	101	406	<1	10	38	<1	11	<1	338	4	15.8	571	<0.5	6	<1	80	7	59	33
LH4732	29	<5	0.8	6	118	16	<1	2	37	<1	1	<1	1022	3	4.4	119	<0.5	2	<1	11	2	54	15
LH4733	26	<5	1.2	256	118	296	<1	64	42	<1	54	<1	977	3	37.9	577	<0.5	10	<1	313	22	40	45
LH4734	12	<5	1.3	1030	107	477	<1	237	69	<1	243	<1	450	2	72	584	<0.5	17	<1	1917	95	40	71
LH4735	24	<5	0.7	329	150	390	<1	73	43	<1	73	<1	568	2	25.8	281	<0.5	12	<1	478	30	32	27
LH4720	7	<5	1.5	152	191	621	1	35	85	<1	39	<1	30	<1	50.2	780	<0.5	24	<1	309	24	58	99
LH4736	4	<5	1.8	144	196	661	1	35	67	<1	33	<1	20	2	52.6	890	<0.5	21	<1	252	20	80	105
LH4730	22	<5	0.7	72	129	666	<1	17	51	<1	16	<1	477	3	11.1	260	<0.5	3	1	155	10	41	19
LH4737	22	<5	0.6	44	124	455	<1	10	27	<1	10	<1	589	2	6.6	181	<0.5	2	<1	112	8	49	16
LH4722	10	<5	0.7	11	338	122	<1	3	63	<1	4	<1	397	<1	10.9	299	0.6	7	<1	135	20	74	29
DUP-LH4722	10	<5	<0.5	11	333	113	<1	3	66	<1	4	<1	456	<1	10.2	208	0.6	6	<1	149	21	61	27
LH4730	22	<5	0.7	72	129	666	<1	17	51	<1	16	<1	477	3	11.1	260	<0.5	3	1	155	10	41	19
DUP-LH4730	20	<5	<0.5	65	117	622	<1	15	49	<1	16	<1	495	2	9.9	234	<0.5	3	<1	149	10	32	17

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS		Au	Co	Ni	Pd	Ag
TRAVERSE		FLAT CREEK 1:50,000 115-0/15										Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B	MMI-B
LH16		Sampled: 04-Jun-04		By:	AL,SJ							Analysis Unit	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50										Detection Limit	0.1	1	3	0.1	0.1
LH4040		609533	7072696		s	15	b <sk	b g	si gv cl	M? q s lim	dup LK4061		<0.1	9	6	<0.1	0.82
LH4041		609574	7072721		r	5	b org	b ob	si cl	m q s			<0.1	10	6	<0.1	0.54
LH4042		609616	7072742		s	10	b org	b ob	cl si	s limbands	vuggy texture		<0.1	7	7	<0.1	0.2
LH4043		609662	7072768		s+	10	b org	b	si cl	m q s lim qv plusc?			<0.1	9	7	<0.1	0.54
LH4044		609703	7072793		s++	15	b org	b	si cl	qv s			<0.1	20	10	<0.1	0.5
LH4045		609747	7072815		s++	10	b org	b gr g	gr si cl	c s			<0.1	15	8	<0.1	0.88
LH4046		609793	7072842		s++	5	b org	b gr b	s si	c q s			<0.1	14	14	<0.1	3
LH4047		609835	7072864		s++	10	b org	gr g	si cl	no rocks			<0.1	12	17	0.1	4.99
LH4048		609879	7072890		s++	10	b org	g	si cl	c m q s vuggyqv cblebs			<0.1	18	9	<0.1	4.79
LH4049		609923	7072910		s++	10	b a org pf	g b	si cl	no rocks			<0.1	12	14	<0.1	4.49
LH4050		609967	7072938		s++	10	b a org pf	b g	si cl	c m q s <lim	dup LK4062		<0.1	6	35	<0.1	2.75
LH4051		610010	7072960		s++	15	pf a	b	si	m? q s	poor sample		<0.1	7	14	<0.1	3.01
LH4052		610054	7072986		s++	15	b a org pf	bg	gr si	qv ser s			<0.1	6	7	<0.1	7.01
LH4053		610098	7073009		s++	5	a b org	b gb	si cl	q ser s			<0.1	1	5	<0.1	0.16
LH4054		610142	7073033		s++	5	b org	b	cl so	qv b q s			<0.1	6	11	<0.1	5.55
LH4055		610187	7073058		s++	10	a b org	b	si cl	ser q s			<0.1	8	9	<0.1	2.62
LH4056		610229	7073083		s	10	a <b org	b	si s	m q s lim qz			<0.1	12	33	<0.1	2.52
LH4057		610271	7073108		s	10	org ab	b	si cl	no rocks			<0.1	6	9	<0.1	0.64
LH4058		610315	7073130		s	10	b a org	b ob	cl si	qv			<0.1	11	11	<0.1	4.17
LH4059		610358	7073156		s	10	b org	b	si cl	q ser s			<0.1	10	13	<0.1	2.9
LH4060		610404	7073183		s	10	b <a	b	si cl	qv	dup LK 4063		<0.1	8	9	<0.1	13.1
LH4040																	
LH4061 Duplicate for sample LK4040													<0.1	9	6	<0.1	0.82
													<0.1	9	7	<0.1	0.63
LH4050																	
LH4062 Duplicate for sample LK4050													<0.1	6	35	<0.1	2.75
													<0.1	24	18	<0.1	6.11
LH4060																	
LH4063 Duplicate for sample LK4060													<0.1	8	9	<0.1	13.1
													<0.1	8	9	<0.1	9.37
LH4046																	
DUP-LH4046													<0.1	14	14	<0.1	3
													<0.1	15	16	<0.1	3.35
LH4058																	
DUP-LH4058													<0.1	11	11	<0.1	4.17
													<0.1	8	9	<0.1	4.89

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
												Analysis Unit	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm
TRAVERSE		FLAT CREEK 1:50,000 115-0/15																					
LH16 (-80)		Sampled: 04-Jun-04		By:	AL,SJ																		
		Sample Interval (m): 50																					
LH4040		609533	7072696			5	b <org	b	si cl	M? q s lim	dup LK4061												
LH4041		609574	7072721			10	b	ob	si cl gv	m q s			0.002	<0.2	2.08	11	<10	80	<0.5	<2	0.07	<0.5	8
LH4042		609616	7072742			25	b	ob <g	si cl	s limbands	vuggy texture		0.001	<0.2	2.35	11	<10	80	<0.5	<2	0.07	<0.5	17
LH4043		609662	7072768			20	b	b <g	si cl	m q s lim qv plusc?			0.007	<0.2	1.49	7	<10	110	<0.5	<2	0.11	<0.5	9
LH4044		609703	7072793			30	b	b g	cl si	qv s			<0.001	<0.2	1.94	3	<10	110	<0.5	<2	0.12	<0.5	15
LH4045		609747	7072815			20	b	b gr b	si	c s			0.001	<0.2	2.44	8	<10	110	<0.5	<2	0.2	<0.5	19
LH4046		609793	7072842			20	b	gr	si cl	c q s			0.001	<0.2	2.38	4	<10	90	<0.5	<2	0.24	<0.5	18
LH4047		609835	7072864			30	b	gr	si cl	no rocks			0.001	0.2	2.43	3	<10	160	<0.5	<2	0.27	<0.5	16
LH4048		609879	7072890			20	b	g gr	si cl	c m q s vuggyqv cblebs			0.001	<0.2	2.55	<2	<10	140	<0.5	<2	0.3	<0.5	21
LH4049		609923	7072910			20	f	g	si gv cl	no rocks			<0.001	<0.2	2.63	4	<10	270	<0.5	<2	0.57	<0.5	19
LH4050		609967	7072938			25	b	g gb	si cl	c m q s <lim	dup LK4062		<0.001	<0.2	2.54	<2	<10	220	<0.5	<2	0.43	<0.5	19
LH4051		610010	7072960			30	b< a f	g	si cl	m? q s	poor sample		<0.001	<0.2	2	2	<10	280	<0.5	<2	0.83	<0.5	15
LH4052		610054	7072986			35	f	g	gr si cl	qv ser s			<0.001	0.2	1.92	3	<10	170	<0.5	<2	0.44	<0.5	11
LH4053		610098	7073009			25	b	b	si cl	q ser s			<0.001	0.3	1.9	5	<10	190	<0.5	<2	0.23	<0.5	9
LH4054		610142	7073033			30	b	b	qv cl si	qv b q s			0.001	<0.2	1.7	3	<10	190	<0.5	<2	0.19	<0.5	10
LH4055		610187	7073058			20	b sk	b	gv si cl	ser q s			<0.001	<0.2	1.56	4	<10	70	<0.5	<2	0.25	<0.5	13
LH4056		610229	7073083			25	b	b ob	s gv si cl	m q s lim qz			<0.001	<0.2	0.76	10	<10	100	<0.5	<2	0.03	<0.5	3
LH4057		610271	7073108			20	b	b ob	gr si cl	no rocks			<0.001	<0.2	1.11	4	<10	110	<0.5	<2	0.09	<0.5	4
LH4058		610315	7073130			25	b	ob	cl si	qv			0.001	0.3	1.96	13	<10	150	<0.5	<2	0.1	<0.5	7
LH4059		610358	7073156			25	b	b	cl si gv	q ser s			0.002	0.4	1.99	5	<10	190	<0.5	<2	0.09	<0.5	9
LH4060		610404	7073183			30	b	b ob	si cl	qv	dup LK 4063		<0.001	0.2	1.86	10	<10	170	<0.5	<2	0.08	<0.5	7
LH4040																							
LH4061 Duplicate for sample LK4040													<0.001	<0.2	2.39	7	<10	60	<0.5	<2	0.08	<0.5	16
LH4050													<0.001	<0.2	2.54	<2	<10	220	<0.5	<2	0.43	<0.5	19
LH4062 Duplicate for sample LK4050													<0.001	0.2	2.36	2	<10	200	<0.5	<2	0.39	<0.5	19
LH4060													<0.001	0.2	1.86	10	<10	170	<0.5	<2	0.08	<0.5	7
LH4063 Duplicate for sample LK4060													0.004	0.2	1.86	7	<10	180	<0.5	<2	0.08	<0.5	8

SAMPLE No	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	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
TRAVERSE	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
LH16 (-80)	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LH4040																								
LH4041	24	16	4.76	10	<1	0.02	10	0.58	385	1	<0.01	11	400	12	0.01	<2	3	7	0.06	<10	<10	73	<10	65
LH4042	81	40	4.85	10	<1	0.02	10	1.08	511	1	<0.01	34	450	12	<0.01	<2	5	6	0.06	<10	<10	94	<10	41
LH4043	25	31	2.32	<10	<1	0.02	10	0.49	356	1	<0.01	13	340	12	<0.01	<2	2	9	0.03	<10	<10	45	<10	84
LH4044	17	17	3.37	10	<1	0.02	<10	1.27	555	<1	<0.01	8	280	4	<0.01	<2	2	7	0.04	<10	<10	69	<10	53
LH4045	35	23	4.29	10	<1	0.02	<10	1.67	623	<1	<0.01	15	330	3	<0.01	<2	4	8	0.07	<10	<10	78	<10	58
LH4046	42	35	3.88	<10	1	0.02	<10	1.93	488	<1	<0.01	19	210	2	<0.01	<2	3	9	0.09	<10	<10	64	<10	108
LH4047	28	33	3.78	10	<1	0.02	<10	1.8	488	<1	<0.01	15	340	2	<0.01	<2	3	12	0.05	<10	<10	66	<10	77
LH4048	21	46	4.41	<10	<1	0.03	<10	1.78	591	<1	<0.01	16	560	5	<0.01	<2	5	10	0.05	<10	<10	82	<10	71
LH4049	26	42	4.24	10	<1	0.03	<10	1.7	655	<1	<0.01	19	540	2	0.01	<2	5	20	0.03	<10	<10	88	<10	73
LH4050	36	45	4.31	10	<1	0.03	<10	1.85	575	<1	<0.01	23	580	<2	<0.01	<2	5	17	0.03	<10	<10	76	<10	67
LH4051	39	40	3.49	10	<1	0.04	10	1.43	542	1	<0.01	26	930	4	0.02	<2	5	31	0.02	<10	<10	55	<10	67
LH4052	34	24	3.28	10	<1	0.03	10	1.4	485	1	<0.01	18	850	6	<0.01	<2	4	15	0.02	<10	<10	47	<10	77
LH4053	28	17	3.21	10	<1	0.05	10	1.28	356	1	<0.01	17	460	11	<0.01	<2	4	10	0.06	<10	<10	57	<10	70
LH4054	33	21	3.13	10	<1	0.05	10	0.95	342	<1	<0.01	24	300	6	<0.01	<2	4	11	0.07	<10	<10	57	<10	55
LH4055	26	16	2.85	<10	<1	0.03	<10	1	303	<1	<0.01	14	210	4	<0.01	<2	2	11	0.2	<10	<10	52	<10	41
LH4056	8	4	1.4	<10	<1	0.13	10	0.16	164	1	<0.01	3	240	12	<0.01	<2	1	5	0.02	<10	<10	16	<10	28
LH4057	13	9	1.78	<10	<1	0.06	20	0.43	132	<1	<0.01	10	180	11	<0.01	<2	1	8	0.05	<10	<10	25	<10	36
LH4058	32	15	4.12	10	<1	0.04	10	0.54	305	1	<0.01	14	530	9	<0.01	<2	3	9	0.09	<10	<10	81	<10	45
LH4059	33	25	3.39	<10	<1	0.04	10	0.68	346	1	<0.01	22	310	7	<0.01	<2	3	10	0.12	<10	<10	61	<10	62
LH4060	30	18	2.98	<10	<1	0.05	10	0.67	255	1	<0.01	18	240	13	<0.01	<2	4	9	0.07	<10	<10	48	<10	49
LH4040																								
LH4061	14	8	4.58	10	<1	0.02	<10	1.4	505	1	<0.01	7	510	5	<0.01	<2	4	4	0.07	<10	<10	78	<10	64
LH4050	36	45	4.31	10	<1	0.03	<10	1.85	575	<1	<0.01	23	580	<2	<0.01	<2	5	17	0.03	<10	<10	76	<10	67
LH4062	33	42	4.01	10	<1	0.02	<10	1.68	546	<1	<0.01	22	590	2	<0.01	<2	5	15	0.03	<10	<10	73	<10	62
LH4060	30	18	2.98	<10	<1	0.05	10	0.67	255	1	<0.01	18	240	13	<0.01	<2	4	9	0.07	<10	<10	48	<10	49
LH4063	31	19	2.89	<10	<1	0.05	20	0.67	255	1	<0.01	20	200	11	<0.01	<2	4	9	0.07	<10	<10	47	<10	49

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Ag MMI-M5	As MMI-M5	Au MMI-M5	Ba MMI-M5	Bi MMI-M5	Ca MMI-M5	Cd MMI-M5	Ce MMI-M5	Co MMI-M5	Cu MMI-M5	Dy MMI-M5	Er MMI-M5	Eu MMI-M5
TRAVERSE		FLAT CREEK 1:50,000 115-0/15				GRAND FORKS 1:50,000 115-0/14																			
LH 17		Sampled: 07-Aug-04		By:		Sampled:			By: PL, SJ			Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb
		Sample Interval (m): 50				Sample Interval (m): 50						Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5
LH4650		610025	7071646		R	15	b <org	ob	cl	cs qv	Dup LH4685		6	<10	0.5	1692	<1	15	<10	168	26	143	41	19.6	7.7
LH4651		610072	7071655		S	15	b a	ob b	si cl gv	qv ox, cs			1	20	<0.1	1059	<1	<10	54	28	81	86	7	4.7	1.2
LH4652		610126	7071661		S	15	b a <org	g b, b	si cl	cs			4	12	<0.1	1012	<1	12	36	73	39	149	25	15.3	4
LH4653		610168	7071681		S+	15	b	ob	cl si gr	cs, qv			6	26	<0.1	2552	<1	100	17	115	59	122	19	10.4	4.5
LH4654		610224	7071681		S+	15	b	ob	cl si	ox s c? qv			8	24	0.4	4805	<1	101	28	740	203	222	63	26.7	17.9
LH4655		610272	7071682		S+	20	b	yb	cl si	ox c q s			7	11	0.2	4812	<1	234	43	253	99	214	62	32.8	12.9
LH4656		610322	7071693		S+	20	b<a <org	ob < b	cl si	lim c s, qv			2	<10	<0.1	2947	<1	40	21	22	193	108	19	18.6	0.9
LH4657		610371	7071698		S+	15	b	ob	si cl gr	qv ox s			6	16	0.1	2668	<1	25	31	91	119	179	30	18.7	4.8
LH4658		610417	7071702		S+	25	b <org	o g b	cl si	qv			<1	<10	<0.1	3407	<1	25	18	30	141	114	22	22.8	1.2
LH4659		610471	7071707		S+	20	b<org	ogb	cl si gr	qv ox s			10	17	0.3	3573	<1	27	<10	110	71	185	24	14.4	3.8
LH4660		610520	7071712		S+	20	a b	b yb	cl si	qv, ox c s	Dup LH4686		<1	<10	<0.1	3829	<1	39	<10	10	136	27	2	3.9	<0.5
LH4661		610566	7071732		S+	20	b <a < org	gb b	cl si	ox s qv			2	14	<0.1	2522	<1	23	28	57	121	159	32	21.2	3.9
LH4662		610618	7071735		S+	15	b	ogb	cl si	c q s			2	18	0.2	3362	<1	29	10	255	83	161	43	20.8	9.9
LH4663		610671	7071738		S+	20	b a org	yb b	cl si gr	c s ox			7	22	0.3	3592	<1	69	45	348	145	221	60	30.7	14.3
LH4664		610716	7071747		S+	25	a	b	cl	c q s			9	11	0.3	4698	<1	107	108	133	300	253	172	112	19.6
LH4665		610768	7071752		S+	35	b	y gb	cl si gr	qv, cqs			12	<10	0.2	4765	<1	377	26	505	75	264	97	62.6	22.7
LH4666		610815	7071764		S+	20	b org	ogb	cl si	cqs			<1	<10	<0.1	4400	<1	134	19	8	308	362	18	43.6	<0.5
LH4667		610864	7071767		S+	20	b < a org	ob gb	cl si	qv ox s			1	<10	<0.1	3445	<1	47	41	24	216	342	38	29.7	2.5
LH4668		610916	7071780		S+	20	b w < org	gb b	cl	cqs			28	<10	0.3	12470	<1	494	39	329	193	1383	33	23.4	9.1
LH4669		610965	7071788		S+	20	b	y a b	cl si	qv ox p, cqs ox			10	12	0.4	10490	<1	268	37	1411	608	1199	169	96.3	47.1
LH4670		611013	7071785		S++	30	b a	b ygb	cl si	cqs	Dup LH4687		10	12	<0.1	3880	<1	57	15	248	137	199	47	23.7	10.5
LH4671		611063	7071795		S+	20	b <org	ob	cl si gr	c s qv			<1	<10	<0.1	2576	<1	24	14	35	128	142	13	9.9	1
LH4672		611117	7071796		S++	20	b org d	ob	cl si	ox s			<1	13	<0.1	2830	<1	38	14	110	161	90	13	7.3	2.2
LH4673		611160	7071804		S++	25	a, b org	b ob	cl	qte c? lim			2	<10	<0.1	4220	<1	54	15	71	111	421	138	84.5	14.5
LH4674		611210	7071816		S+	20	b <org	ogb	cl si	cs			7	28	0.3	9031	<1	64	12	843	290	879	71	25.6	17.6
LH4675		611259	7071822		S+	20	a b org	b gb	cl si	cqs ox			2	<10	<0.1	4392	<1	40	12	19	197	260	29	28.2	1.4
LH4676		611309	7071831		S+	20	b a org	y gb	cl si gr	ox s			1	<10	<0.1	2553	<1	16	<10	64	58	205	24	12.8	3.3
LH4677		611356	7071834		S+	15	b < a	ob	si gv cl	qv, qms			<1	<10	<0.1	2610	<1	22	12	33	104	112	20	17.5	1.5
LH4678		611408	7071840		S+	20	b a org	ob b	si gr cl	qv, qb s			<1	<10	<0.1	2605	<1	<10	<10	20	68	67	11	9.3	0.9
LH4679		611447	7071848		S+	20	b a org	yb b	cl si	qcs			<1	<10	<0.1	2644	<1	20	<10	15	67	57	5	5.2	<0.5
LH4680		611510	7071859		S+	20	b a org d	yb b	si cl	qv, qms	Dup LH4688		1	<10	<0.1	1689	<1	<10	<10	50	54	85	27	19.6	3.1
LH4681		611559	7071864		S+	20	a b org	b yb	cl si	qms			2	<10	<0.1	5818	<1	29	11	48	147	134	10	9.3	0.9
LH4682		611609	7071872		S+	20	b a org	yb b	cl si	qv, qte with mica			2	<10	<0.1	2995	<1	20	15	33	137	188	33	22.7	2.6
LH4683		611658	7071878		S	25	b <a org	lb b	cl si	ox bl s, pyrolucite			1	14	<0.1	3319	<1	26	14	38	171	170	19	13.8	1.8
LH4684		611706	7071889		S	15	a org	b	cl	qv			3	<10	<0.1	4671	<1	111	33	85	241	541	98	61.3	10.6
		NOTE: Shist is unusually strongly weathered. Hard to distinguish what mica type is unless stated. Have chlorite schist with varying amounts of quartz. Suggests an altered mufic to intermediate poloith																							
LH4650													6	<10	0.5	1692	<1	15	<10	168	26	143	41	19.6	7.7
LH4685	LH4685 Dup for LH4650												6	<10	0.2	1116	<1	28	<10	152	37	77	27	14.2	5.8
LH4660													<1	<10	<0.1	3829	<1	39	<10	10	136	27	2	3.9	<0.5
LH4686	LH4686 Dup for LH4660												5	15	0.1	3105	<1	46	20	145	102	198	50	28.9	8.6
LH4670													10	12	<0.1	3880	<1	57	15	248	137	199	47	23.7	10.5
LH4687	LH4687 Dup for LH4670												9	13	<0.1	3695	<1	53	14	229	135	185	47	24.3	10.4
LH4680													1	<10	<0.1	1689	<1	<10	<10	50	54	85	27	19.6	3.1
LH4688	LH4688 Dup for LH4680												1	24	<0.1	4581	2	30	27	397	114	263	60	29	15.2

SAMPLE No	Gd	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
TRAVERSE	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS	MMI-MS
LH 17	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	1	1	1	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5	1	1	5	1	20	5
LH4650	33	71	3	<5	1.6	100	67	522	1	24	58	<1	25	<1	83	<1	23.2	740	<0.5	12	<1	178	14	26	57
LH4651	6	12	3	<5	6.2	14	63	124	<1	3	39	<1	4	1	71	<1	17.3	3370	<0.5	5	<1	32	4	168	53
LH4652	20	24	3	<5	4.8	53	71	288	<1	11	30	<1	14	<1	92	<1	26.8	1470	<0.5	5	<1	139	10	132	59
LH4653	22	47	10	<5	4.4	67	79	239	1	15	55	1	18	1	285	<1	35.6	2590	<0.5	7	<1	93	8	275	93
LH4654	85	356	15	<5	3.9	374	93	390	2	91	25	1	76	<1	353	<1	94.1	2180	<0.5	18	<1	313	18	300	181
LH4655	63	102	29	<5	1	178	184	253	<1	37	36	<1	48	<1	883	<1	45.4	374	<0.5	15	<1	327	26	213	76
LH4656	5	11	12	<5	1.4	10	111	89	<1	3	11	<1	3	<1	351	1	16.7	274	<0.5	9	<1	92	20	353	26
LH4657	24	37	10	<5	3.7	64	118	190	<1	14	33	<1	18	<1	227	<1	31.4	1420	<0.5	11	<1	150	15	413	76
LH4658	7	15	9	<5	2.4	14	110	49	<1	4	30	<1	4	<1	289	<1	21.3	418	<0.5	12	<1	103	27	89	45
LH4659	20	63	10	<5	3	55	108	223	1	13	54	1	15	<1	219	<1	39.8	1520	<0.5	11	<1	119	11	178	81
LH4660	1	5	12	<5	<0.5	3	98	<10	<1	1	27	<1	1	<1	424	<1	5.7	128	<0.5	6	<1	9	8	57	14
LH4661	20	22	8	<5	2.8	43	121	185	<1	9	41	<1	13	<1	228	<1	29	1240	<0.5	12	<1	157	17	475	63
LH4662	48	102	8	<5	3.4	168	116	218	1	37	65	1	40	<1	240	<1	35.6	1770	<0.5	17	<1	215	15	382	93
LH4663	69	151	16	<5	3.5	227	176	202	1	49	29	1	58	<1	305	<1	43.4	1690	<0.5	20	<1	300	24	361	80
LH4664	105	39	36	<5	2.1	169	342	277	<1	28	104	<1	65	<1	698	<1	56.5	1060	<0.5	23	<1	823	98	1650	65
LH4665	107	199	53	<5	<0.5	309	334	85	<1	64	30	<1	82	<1	1835	<1	32.4	95	<0.5	10	<1	589	58	358	52
LH4666	3	4	32	<5	<0.5	3	254	14	<1	1	32	<1	2	<1	1225	<1	8.7	7	<0.5	10	<1	91	74	123	8
LH4667	15	9	16	<5	1.3	19	183	129	<1	4	58	<1	7	<1	403	<1	27.1	547	<0.5	10	<1	184	25	334	39
LH4668	46	117	50	<5	<0.5	173	1329	20	<1	38	9	<1	40	<1	2218	<1	9.6	<3	<0.5	11	<1	161	21	263	14
LH4669	227	559	52	<5	0.8	805	1305	179	1	180	34	1	190	<1	1583	<1	49.6	271	<0.5	30	<1	1078	77	675	93
LH4670	51	91	22	<5	2.2	180	244	351	<1	39	67	<1	43	<1	421	<1	26.7	937	<0.5	6	<1	244	17	327	42
LH4671	6	20	15	<5	3.5	14	167	104	<1	4	58	<1	4	<1	236	<1	20.5	1440	<0.5	4	<1	64	8	291	28
LH4672	11	43	17	<5	7.4	43	124	254	<1	10	50	1	9	<1	259	<1	31.8	3400	<0.5	4	<1	66	5	472	35
LH4673	78	19	22	<5	0.7	107	233	248	<1	16	56	<1	47	<1	395	<1	24.5	299	<0.5	14	<1	642	61	362	19
LH4674	91	455	17	<5	2.2	371	278	291	2	102	70	2	72	<1	342	<1	59.9	774	0.6	19	<1	315	16	528	124
LH4675	9	10	18	<5	0.9	11	171	119	<1	3	38	<1	5	<1	371	<1	14.5	252	<0.5	7	<1	147	26	349	21
LH4676	17	24	8	<5	2.3	42	115	237	<1	9	62	<1	12	<1	133	<1	21.7	852	<0.5	6	<1	108	9	228	47
LH4677	9	17	11	<5	2.5	18	103	146	<1	4	47	<1	6	<1	173	<1	26.9	1340	<0.5	5	<1	95	15	323	33
LH4678	5	10	3	<5	14.8	9	75	117	<1	2	69	<1	3	<1	92	<1	24.4	2840	<0.5	5	<1	49	9	211	56
LH4679	2	7	6	<5	5.5	5	68	53	<1	2	45	<1	2	<1	204	<1	9.6	2710	<0.5	3	<1	27	6	367	31
LH4680	15	35	5	<5	4.7	36	63	497	<1	8	51	<1	11	<1	71	<1	42.9	2130	<0.5	5	<1	123	14	147	53
LH4681	5	28	7	<5	7.2	19	169	80	<1	5	126	<1	5	<1	446	<1	23.8	2090	<0.5	14	<1	46	11	184	65
LH4682	14	16	8	<5	2	21	133	179	<1	5	63	<1	8	<1	199	<1	24.4	785	<0.5	8	<1	153	17	183	37
LH4683	10	18	12	<5	4.3	22	169	211	<1	5	31	<1	7	<1	310	<1	26.9	1260	<0.5	12	<1	94	12	441	45
LH4684	60	20	26	<5	<0.5	101	345	492	<1	17	56	<1	37	<1	927	<1	15.9	81	<0.5	16	<1	481	41	885	9
LH4650	33	71	3	<5	1.6	100	67	522	1	24	58	<1	25	<1	83	<1	23.2	740	<0.5	12	<1	178	14	26	57
LH4685	25	66	9	<5	1.7	93	60	377	<1	22	55	<1	20	<1	131	<1	14.1	1090	<0.5	6	<1	140	10	39	35
LH4660	1	5	12	<5	<0.5	3	98	<10	<1	1	27	<1	1	<1	424	<1	5.7	128	<0.5	6	<1	9	8	57	14
LH4686	42	52	16	<5	2.2	116	170	224	<1	24	39	<1	32	<1	361	<1	28	1080	<0.5	13	<1	254	24	227	62
LH4670	51	91	22	<5	2.2	180	244	351	<1	39	67	<1	43	<1	421	<1	26.7	937	<0.5	6	<1	244	17	327	42
LH4687	51	81	22	<5	1.9	173	232	342	<1	37	67	<1	42	<1	390	<1	25.6	819	<0.5	6	<1	242	17	334	38
LH4680	15	35	5	<5	4.7	36	63	497	<1	8	51	<1	11	<1	71	<1	42.9	2130	<0.5	5	<1	123	14	147	53
LH4688	66	222	7	<5	12.7	263	178	1025	2	63	94	1	61	2	186	<1	116	5770	<0.5	14	<1	236	20	435	181

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Au	Co	Ni	Pd	Ag
TRAVERSE LH18	FLAT CREEK 1:50,000 115-O/15 & GRANVILLE 115-O/10											Scheme Code	MMI-B	MMI-B	MMI-B	MMI-B
	Sampled: 07-Jun-04		By:	AL,SJ								Analysis Unit	ppb	ppb	ppb	ppb	ppb
	Sample Interval (m): 50											Detection Limit	0.1	1	3	0.1	0.1
LH4084		609769	7070360		s	5	b org	b	si cl <gv	lim q m s	Very weathered rock		<0.1	4	20	<0.1	26.5
LH4085		609778	7070410		s	10	b org	b	si cl	lim q m s	Very weathered rock		<0.1	5	11	<0.1	1.22
LH4086		609793	7070460		s++	10	b org	g b	si cl	lim q m s c?			0.1	34	41	0.14	11.1
LH4087		609798	7070513		s++	16	b org	b g	cl si	c s lim vugs			<0.1	168	25	<0.1	5.7
LH4088		609811	7070559		s++	10	b org	b grb	si cl	c s	greasy ser feel		0.58	288	147	0.29	86.2
LH4089		609812	7070608		s++	10	a b	bl g	si cl	lim c q s			0.21	6	54	0.14	23.7
LH4090		609821	7070660		s++	15	a pf	bl g	si cl	no rocks	duplicate LH4011		0.12	7	107	<0.1	6.36
LH4091		609830	7070706		s++	25	a f	bl g		no rocks			<0.1	2	7	<0.1	0.75
LH4092		609838	7070756		s++	10	a b org	b gb	si cl	q m s lim c?			0.26	25	7	<0.1	5.81
LH4093		609839	7070804		s++	10	b org <a	b gb	si cl	q m s c lens			<0.1	41	11	<0.1	0.73
LH4094		609851	7070857		s++	10	b org	b g	cl si gv	weatherd s			<0.1	6	10	<0.1	0.54
LH4095		609860	7070905		s++	10	b <org	b ob	si cl gr	lim s q m? s			<0.1	5	11	<0.1	1.02
LH4096		609862	7070958		s++	5	a b org	b g	si cl	wq m s qv			<0.1	3	8	<0.1	0.36
LH4097		609881	7071008		s+	15	b <org	b	si gr cl gv	q m s lim			<0.1	14	13	0.21	3.71
LH4098		609885	7071058		s	10	b org	b	si cl	qv q m s trb			<0.1	4	6	<0.1	2.18
LH4099		609896	7071102		s	15	a b org	b	si cl	lim q m s	poor sample		<0.1	8	7	<0.1	0.43
LH4100		609899	7071150		s	5	a b org	g	si cl	q m s trb	Duplicate LH4112		<0.1	4	4	<0.1	1.71
LH4101		609910	7071206		s	10	a b org	b	si cl	qv			<0.1	4	9	<0.1	1.04
LH4102		609914	7071252		s	15	a b org	b	cl si	qv			<0.1	8	9	<0.1	7.23
LH4103		609922	7071302		s	10	b org	b	si cl	lim q m s			<0.1	4	8	<0.1	8.02
LH4104		609931	7071351		s	10	a b org	b g	si cl	weathered s q ms ? Qv			<0.1	4	7	<0.1	1.56
LH4105		609941	7071404		s	5	b >org	g ob	si cl	q ser s			<0.1	3	8	<0.1	9.31
LH4106		609950	7071450		s	5	b	b	si cl	qv			<0.1	4	8	<0.1	0.47
LH4107		609955	7071499		s	10	b org	g b	cl si	lim s qv	weathered		<0.1	5	15	<0.1	3.54
LH4108		609963	7071550		s	10	b org	b	si cl	lim q m s qv			<0.1	16	35	<0.1	5.01
LH4109		609975	7071596		s	10	b org	b	si cl	q m s			<0.1	12	6	<0.1	3.56
LH4110		609980	7071642		s	10	b org	g	si cl	no rocks	duplicate LH4113		<0.1	19	36	<0.1	2.71
	LH4090												0.12	7	107	<0.1	6.36
	LH4111	Duplicate of LH4090											<0.1	7	114	<0.1	9.91
	LH4100												<0.1	4	4	<0.1	1.71
	LH4112	Duplicate of LH4100											<0.1	4	4	<0.1	3.25
	LH4110												<0.1	19	36	<0.1	2.71
	LH4113	Duplicate of LH4110											<0.1	11	15	<0.1	1.05
	LH4094												<0.1	6	10	<0.1	0.54
DUP-LH4094													<0.1	8	8	<0.1	0.39
	LH4106												<0.1	4	8	<0.1	0.47
DUP-LH4106													<0.1	5	8	<0.1	0.41
	LH4110												<0.1	19	36	<0.1	2.71
DUP-LH4110													<0.1	20	41	<0.1	3.07

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Au-ICP21 Au	ME-ICP41 Ag	ME-ICP41 Al	ME-ICP41 As	ME-ICP41 B	ME-ICP41 Ba	ME-ICP41 Be	ME-ICP41 Bi	ME-ICP41 Ca	ME-ICP41 Cd
TRAVERSE	FLAT CREEK 1:50,000 115-O/15 & GRANVILLE 115-O/10																					
LH 18 (-80)	Sampled: 07-Jun-04 By: AL,SJ											Analysis Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm
	Sample interval (m): 50																					
LH4084		609769	7070360			10	b	b ob	si cl	lim q m s	Very weathered rock		0.001	1.1	2.26	3	<10	170	<0.5	<2	0.12	<0.5
LH4085		609778	7070410			15	b	b	si cl	lim q m s	Very weathered rock		0.002	<0.2	2.03	4	<10	150	<0.5	<2	0.17	<0.5
LH4086		609793	7070460			20	b pf	g gb	si cl	lim q m s c?			0.001	<0.2	2.18	4	<10	90	<0.5	<2	0.27	<0.5
LH4087		609798	7070513			25	b	b grb	cl si	c s lim vugs			0.001	0.2	2.33	7	<10	80	<0.5	<2	0.2	<0.5
LH4088		609811	7070559			30	b	gr g	si cl	c s	greasy ser feel		0.003	0.4	2.71	4	<10	60	<0.5	<2	0.25	<0.5
LH4089		609812	7070608			25	b	gr g	si cl	lim c q s			0.003	0.3	2.05	4	<10	120	<0.5	<2	0.44	<0.5
LH4090		609821	7070660						NO SAMPLE		duplicate LH4011											
LH4091		609830	7070706						NO SAMPLE													
LH4092		609838	7070756			25		b pf gb	gr si sl	q m s lim c?			0.01	0.4	2.1	3	<10	180	<0.5	<2	0.16	<0.5
LH4093		609839	7070804			20		b f g b	si cl gv	q m s c lens			0.001	<0.2	0.95	3	<10	160	<0.5	<2	0.09	0.7
LH4094		609851	7070857			25		b pf g very<ob	si cl gv	weatherd s			0.01	<0.2	0.95	3	<10	100	<0.5	<2	0.04	<0.5
LH4095		609860	7070905			25		b ob	si cl gr	lim s q m? s			0.001	<0.2	1.1	5	<10	100	<0.5	<2	0.06	<0.5
LH4096		609862	7070958			20		b o b	si gr cl gv	wq m s qv			<0.001	<0.2	1.06	52	<10	120	<0.5	<2	0.09	<0.5
LH4097		609881	7071008			25		b b	si gr gv cl	q m s lim			<0.001	<0.2	0.54	5	<10	230	<0.5	<2	0.09	<0.5
LH4098		609885	7071058			25		b ob	\si cl gv	qv q m s trb			0.001	<0.2	0.89	12	<10	100	<0.5	<2	0.07	<0.5
LH4099		609896	7071102			25		b b	cl si gv	lim q m s	poor sample		0.007	<0.2	0.79	8	<10	190	<0.5	<2	0.09	<0.5
LH4100		609899	7071150			30		b ob	gr si gv	q m s trb	Duplicate LH4112		<0.001	<0.2	0.49	69	<10	90	<0.5	<2	0.02	<0.5
LH4101		609910	7071206			20		b ob	cl si	qv			0.004	<0.2	1.79	13	<10	130	<0.5	<2	0.08	<0.5
LH4102		609914	7071252			20		b ob	si cl	qv			0.002	0.2	1.56	13	<10	110	<0.5	<2	0.06	<0.5
LH4103		609922	7071302			20		b ob	cl si	lim q m s			<0.001	0.2	1.93	6	<10	190	<0.5	<2	0.13	<0.5
LH4104		609931	7071351			25		b b ob	si cl si cl gv	weathered s q ms ? Qv			<0.001	<0.2	1.62	7	<10	160	<0.5	<2	0.06	<0.5
LH4105		609941	7071404			20		b sk ob	si cl gv	q ser s			<0.001	0.4	0.87	2	<10	150	<0.5	<2	0.02	<0.5
LH4106		609950	7071450			15		b ob	gr si cl	qv			0.002	<0.2	1.03	5	<10	160	<0.5	2	0.09	<0.5
LH4107		609955	7071499			15		b b ob	si cl	lim s qv	weathered		<0.001	<0.2	1.66	6	<10	120	<0.5	<2	0.1	<0.5
LH4108		609963	7071550			15		b ob	si cl	lim q m s qv			<0.001	0.2	1.92	8	<10	110	<0.5	<2	0.07	<0.5
LH4109		609975	7071596			15		b b ob	si cl	q m s			0.001	<0.2	2.42	6	<10	170	<0.5	<2	0.09	<0.5
LH4110		609980	7071642			30		b sk ob gr b	gr si cl	no rocks	duplicate LH4113		<0.001	<0.2	1.67	4	<10	100	<0.5	<2	0.2	<0.5
LH4111	Duplicate of LH4090										Sample not received											
LH4100													<0.001	<0.2	0.49	69	<10	90	<0.5	<2	0.02	<0.5
LH4112	Duplicate of LH4100												<0.001	<0.2	0.52	70	<10	80	<0.5	<2	0.02	<0.5
LH4110													<0.001	<0.2	1.67	4	<10	100	<0.5	<2	0.2	<0.5
LH4113	Duplicate of LH4110												0.001	<0.2	1.62	3	<10	100	<0.5	<2	0.18	<0.5

SAMPLE No	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	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
TRAVERSE	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
LH 18 (-80)	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LH4084	11	43	14	3.34	10	<1	0.03	10	1.16	332	1	<0.01	20	360	7	<0.01	<2	4	10	0.06	<10	<10	81	<10	74
LH4085	11	23	26	3.56	10	<1	0.03	10	0.67	340	<1	<0.01	16	570	8	<0.01	<2	3	10	0.05	<10	<10	58	<10	47
LH4086	16	9	30	4.14	<10	<1	0.01	<10	1.28	735	<1	<0.01	8	780	3	<0.01	<2	4	7	0.01	<10	<10	50	<10	69
LH4087	16	19	44	4.25	<10	<1	0.01	<10	1.38	515	<1	<0.01	15	570	4	<0.01	<2	4	7	0.02	<10	<10	67	<10	70
LH4088	28	30	124	4.64	10	<1	0.01	10	2	1155	<1	<0.01	23	560	2	0.01	<2	13	7	0.01	<10	<10	84	<10	61
LH4089	17	24	70	3.63	<10	<1	0.02	10	1.11	464	<1	<0.01	21	490	10	0.01	<2	8	15	0.03	<10	<10	63	<10	58
LH4090																									
LH4091																									
LH4092	5	12	55	3.4	10	<1	0.01	<10	1.65	592	<1	<0.01	7	280	48	0.01	<2	4	7	0.03	<10	<10	62	<10	438
LH4093	4	6	16	1.22	<10	<1	0.02	10	0.34	165	<1	<0.01	3	210	15	<0.01	<2	<1	6	0.01	<10	<10	23	<10	47
LH4094	1	11	3	0.86	<10	<1	0.03	<10	0.19	71	<1	<0.01	9	180	6	<0.01	<2	<1	4	0.01	<10	<10	22	<10	20
LH4095	4	11	17	2.52	<10	<1	0.09	<10	0.32	219	1	<0.01	12	370	6	<0.01	<2	2	4	0.03	<10	<10	35	<10	44
LH4096	7	10	16	2.56	<10	<1	0.18	<10	0.32	311	1	<0.01	12	380	7	<0.01	<2	2	6	0.03	<10	<10	31	<10	35
LH4097	3	5	5	1.26	<10	<1	0.1	10	0.11	259	2	<0.01	5	210	7	<0.01	<2	1	5	0.02	<10	<10	17	<10	26
LH4098	3	13	6	2.36	10	<1	0.05	10	0.19	132	1	<0.01	7	280	7	<0.01	<2	1	6	0.06	<10	<10	59	<10	25
LH4099	2	7	5	1.14	<10	<1	0.07	10	0.09	150	1	<0.01	3	180	8	0.01	<2	1	9	0.02	<10	<10	26	<10	12
LH4100	2	1	9	1.24	<10	<1	0.11	10	0.04	72	1	<0.01	2	100	5	<0.01	<2	1	2	0.01	<10	<10	5	<10	13
LH4101	5	28	10	3.42	10	<1	0.04	10	0.34	180	1	<0.01	12	420	12	<0.01	<2	2	8	0.06	<10	<10	64	<10	37
LH4102	3	21	7	2.69	10	<1	0.05	10	0.26	154	1	<0.01	9	300	11	<0.01	<2	2	7	0.06	<10	<10	53	<10	31
LH4103	6	25	10	3.24	10	<1	0.03	10	0.37	276	1	<0.01	12	400	11	<0.01	<2	3	11	0.06	<10	<10	67	<10	107
LH4104	5	19	11	2.86	<10	<1	0.04	10	0.35	198	1	<0.01	13	210	7	<0.01	<2	2	6	0.04	<10	<10	47	<10	51
LH4105	4	7	29	2.44	<10	<1	0.07	10	0.13	128	1	<0.01	10	160	6	0.03	<2	1	16	0.01	<10	<10	12	<10	23
LH4106	5	14	10	1.75	<10	<1	0.04	10	0.21	174	<1	<0.01	11	280	5	<0.01	<2	2	5	0.02	<10	<10	24	<10	27
LH4107	7	23	5	3.05	10	<1	0.03	10	0.67	250	<1	<0.01	9	290	5	<0.01	<2	3	8	0.04	<10	<10	53	<10	31
LH4108	8	33	10	2.87	10	<1	0.03	10	0.58	221	1	<0.01	15	310	6	<0.01	<2	2	8	0.07	<10	<10	60	<10	40
LH4109	9	55	14	3.05	10	<1	0.03	10	0.81	289	<1	<0.01	24	190	7	<0.01	<2	3	10	0.08	<10	<10	61	<10	54
LH4110	9	14	8	2.55	<10	<1	0.02	<10	0.85	199	<1	<0.01	9	390	2	<0.01	<2	3	13	0.06	<10	<10	43	<10	25
LH4111																									
LH4100	2	1	9	1.24	<10	<1	0.11	10	0.04	72	1	<0.01	2	100	5	<0.01	<2	1	2	0.01	<10	<10	5	<10	13
LH4112	2	1	10	1.16	<10	<1	0.1	10	0.04	63	1	<0.01	2	100	4	<0.01	<2	1	2	<0.01	<10	<10	6	<10	13
LH4110	9	14	8	2.55	<10	<1	0.02	<10	0.85	199	<1	<0.01	9	390	2	<0.01	<2	3	13	0.06	<10	<10	43	<10	25
LH4113	9	15	8	2.55	<10	<1	0.02	<10	0.78	193	<1	<0.01	8	400	3	<0.01	<2	3	12	0.05	<10	<10	44	<10	25

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Ag MMI-MS	As MMI-MS	Au MMI-MS	Ba MMI-MS	Bi MMI-MS	Ca MMI-MS	Cd MMI-MS	Ce MMI-MS	Co MMI-MS	Cu MMI-MS	Dy MMI-MS	Er MMI-MS	Eu MMI-MS	Gd MMI-MS
TRAVERSE	GRANVILLE 115-O/10																									
LH 19	Sampled: 10-Aug-04		By: PL, SJ									Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	Sample interval (m): 50											Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1
LH4689	LH4689	609936	7070242		R	20	b org	o r	cl si	q ser s, qv			105	12	<0.1	3452	<1	43	21	87	330	503	26	14.2	4.2	21
LH4690	LH4690	609978	7070272		S++	20	a org	b	cl	m qs	Dup LH4714		36	26	<0.1	5869	<1	83	13	205	146	281	30	17.4	7.4	34
LH4691	LH4691	610019	7070306		S++	30	a <box org	b <g ox	cl gv	qms pox			3	25	<0.1	1627	<1	43	<10	33	148	268	16	11.6	2.4	13
LH4692	LH4692	610054	7070335		S++	10	a org	b	cl	qv, qms			7	13	<0.1	5607	2	154	<10	56	178	102	6	4.1	1.4	7
LH4693	LH4693	610089	7070367		S++	20	a org	b	cl	qms . ox p			14	<10	<0.1	2270	<1	134	23	82	229	1419	107	78.6	13.4	72
LH4694	LH4694	610136	7070395		S++	15	a org	b	cl	ox s meta q, qms			16	34	0.1	5020	2	103	196	189	1080	1938	94	71.9	12.1	58
LH4695	LH4695	610176	7070422		S++	10	a <b org	b <g	cl si	qms			2	<10	0.1	1088	<1	386	55	139	109	374	44	31.2	9.5	43
LH4696	LH4696	610219	7070452		S++	20	a org	b	cl	qms			36	<10	0.5	1609	<1	1140	36	44	79	878	13	7.6	3.9	17
LH4697	LH4697	610261	7070486		S++	20	a org	b	cl	qms			10	<10	0.2	1252	<1	992	205	93	77	593	31	20.7	7.5	35
LH4698	LH4698	610297	7070513		S++	15	a org	b	cl	qms			11	<10	0.4	5072	2	644	935	107	151	1341	58	39.7	12.8	59
LH4699	LH4699	610337	7070544		S++	10	c <a < org	yb	gv si cl	qms			25	11	1.2	3145	4	171	402	90	341	1551	35	22.2	8.2	34
LH4700	LH4700	610374	7070584		S++	20	c a	yb b	gv gr si	ox qms lim	Dup LH4715		10	13	0.3	3333	2	55	149	158	298	501	32	18.5	7.5	32
LH4701	LH4701	610414	7070606		S++	25	c < b ox a	ob gb b	gr gv si	qms lim			27	17	0.4	5062	2	96	95	409	324	325	79	39	21.3	93
LH4702	LH4702	610454	7070635		S++	10	a org	b	cl	qv qms			41	16	<0.1	4487	2	141	200	309	236	560	121	75.1	19.2	96
LH4703	LH4703	610494	7070666		S++	15	b org	gb	gv gr cl	qms qv			18	27	<0.1	3071	2	81	27	362	45	114	36	17.4	9.6	47
LH4704	LH4704	610527	7070707		S++	15	a c org	b ob	gr hv cl	qv qms lim			1	10	<0.1	3261	<1	36	10	42	97	56	8	9.1	0.8	4
LH4705	LH4705	610575	7070727		S++	10	a <b org	b <lb	cl gr	qms lim			2	33	<0.1	10580	2	50	32	158	195	146	21	22	2.6	15
LH4706	LH4706	610614	7070756		S++	15	b < a	ob b	gv gr cl	qte m lim			5	47	0.1	3570	1	22	15	233	63	165	139	92	26.9	130
LH4707	LH4707	610652	7070787		S++	10	a org	b	cl si	qms			7	55	<0.1	6723	3	41	63	364	242	424	145	98.8	20.7	101
LH4708	LH4708	610691	7070820		S++	10	a org	b	cl si	ox qms			22	76	0.3	7530	3	46	125	612	447	992	213	140	37.2	184
LH4709	LH4709	610730	7070855		S++	15	a org	b	cl si	qms ox			3	<10	<0.1	4712	<1	106	62	71	286	331	114	76.1	10.4	61
LH4710	LH4710	610776	7070882		S++	15	a org	bf	cl	qms	Dup LH4716		3	<10	<0.1	11850	<1	958	208	1235	36	233	250	151	57.7	293
LH4711	LH4711	610817	7070916		S++	10	a org	bl	cl	ox qms			<1	<10	<0.1	7567	<1	174	102	52	641	332	153	144	7.4	47
LH4712	LH4712	610853	7070945		S++	20	b w org	lb	cl si	qms lim			9	<10	<0.1	4232	<1	315	60	74	176	502	33	23.9	4.3	24
LH4713	LH4713	610890	7070969		S++	10	a org	b	cl	qms ox			3	14	<0.1	6602	2	272	130	105	544	278	93	80.4	10.1	56
LH4690													36	26	<0.1	5869	<1	83	13	205	146	281	30	17.4	7.4	34
LH4714	LH4714 Dup for LH4690												4	<10	<0.1	2188	<1	37	<10	7	98	61	5	6	<0.5	2
LH4700													10	13	0.3	3333	2	55	149	158	298	501	32	18.5	7.5	32
LH4715	LH4715 Dup for LH4700												12	17	0.3	3676	2	57	137	179	253	511	31	17.7	7.5	32
LH4710	LH4710												3	<10	<0.1	11850	<1	958	208	1235	36	233	250	151	57.7	293
LH4716	LH4716 Dup for LH4710												1	14	<0.1	11050	<1	867	254	1083	83	293	291	198	58.7	300

SAMPLE No / TRAVERSE	La MMI-M5	Mg MMI-M5	Mo MMI-M5	Nb MMI-M5	Nd MMI-M5	Ni MMI-M5	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
LH 19	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	1	1	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5	1	1	5	1	20	5
LH4689	35	6	<5	2.7	57	210	335	<1	13	135	<1	15	<1	263	<1	16.8	1520	<0.5	6	<1	132	10	269	64
LH4690	85	10	9	16.1	125	284	255	1	28	89	<1	30	2	293	<1	28.3	7520	<0.5	10	<1	148	14	367	117
LH4691	13	12	<5	4.8	31	190	164	<1	6	26	<1	9	<1	259	<1	18.5	2000	<0.5	7	<1	93	11	85	41
LH4692	27	14	6	8.2	27	333	13	<1	7	196	<1	6	2	1004	<1	23.5	2910	<0.5	11	<1	28	5	80	69
LH4693	27	7	<5	1	108	328	272	<1	18	48	<1	43	<1	410	<1	15.9	405	<0.5	15	<1	705	73	71	22
LH4694	62	11	9	4.3	112	486	584	2	23	37	2	41	1	403	<1	87.8	2310	<0.5	29	<1	479	71	502	133
LH4695	32	24	<5	<0.5	81	116	240	<1	15	12	<1	30	<1	687	<1	10.1	71	<0.5	15	<1	247	31	155	17
LH4696	16	22	<5	<0.5	37	282	13	<1	7	21	<1	13	<1	1587	<1	8.4	33	<0.5	15	<1	58	8	60	11
LH4697	22	29	<5	0.7	61	175	109	<1	11	27	<1	23	<1	1512	<1	6.1	93	<0.5	12	<1	166	20	711	27
LH4698	42	43	<5	0.5	104	121	528	<1	20	36	<1	40	<1	1327	<1	17.4	243	<0.5	14	<1	301	40	9830	26
LH4699	33	13	<5	1.1	72	92	1951	<1	14	22	<1	26	<1	429	<1	34.3	426	<0.5	15	<1	153	20	2231	29
LH4700	63	8	<5	1.9	91	102	1628	<1	21	16	<1	27	<1	172	1	83.8	555	<0.5	13	<1	148	17	1096	31
LH4701	178	9	<5	1.5	305	108	1046	<1	66	48	<1	81	<1	254	1	90.8	428	<0.5	11	<1	391	28	507	35
LH4702	133	14	<5	4.1	254	252	1164	<1	52	95	<1	73	<1	516	<1	115	1380	<0.5	25	<1	595	59	1177	68
LH4703	197	9	<5	3.4	197	78	277	<1	48	60	<1	42	2	205	<1	40.8	2030	<0.5	7	<1	178	12	130	47
LH4704	26	7	<5	2.2	17	92	50	<1	5	27	<1	4	<1	276	<1	32.7	604	<0.5	6	<1	41	13	195	32
LH4705	96	8	<5	11.7	66	204	230	1	19	165	<1	14	2	526	<1	112	3400	0.7	31	<1	99	24	215	124
LH4706	159	4	<5	7.6	335	131	339	2	65	64	1	107	2	168	<1	109	3100	<0.5	16	<1	645	86	209	116
LH4707	217	7	10	10.1	282	316	398	3	66	150	2	82	2	335	<1	143	3220	<0.5	43	<1	600	92	747	246
LH4708	275	11	7	9	502	593	754	3	107	38	2	147	1	353	<1	200	2730	<0.5	64	<1	985	123	761	250
LH4709	23	21	<5	<0.5	86	154	332	<1	15	6	<1	34	<1	619	<1	37	102	<0.5	25	<1	588	59	813	23
LH4710	276	57	<5	<0.5	638	689	70	<1	122	28	<1	212	<1	4280	<1	15.5	51	<0.5	98	<1	1443	116	2013	36
LH4711	17	29	<5	<0.5	52	212	213	<1	9	<5	<1	24	<1	1395	<1	36.7	103	<0.5	32	<1	943	135	1210	20
LH4712	32	20	<5	<0.5	52	274	114	<1	11	11	<1	16	<1	1807	<1	16	22	<0.5	19	<1	178	19	688	9
LH4713	41	38	<5	1.8	96	295	451	<1	18	48	<1	35	<1	1613	<1	77.6	695	<0.5	50	<1	502	79	1103	74
LH4690	85	10	9	16.1	125	284	255	1	28	89	<1	30	2	293	<1	28.3	7520	<0.5	10	<1	148	14	367	117
LH4714	4	10	<5	1.4	2	135	23	<1	<1	25	<1	1	<1	279	<1	3.3	485	<0.5	2	<1	27	8	105	12
LH4700	63	8	<5	1.9	91	102	1628	<1	21	16	<1	27	<1	172	1	83.8	555	<0.5	13	<1	148	17	1096	31
LH4715	76	9	<5	2.4	99	101	1465	<1	23	20	<1	27	<1	192	<1	85.2	751	<0.5	14	<1	138	15	1038	37
LH4710	276	57	<5	<0.5	638	689	70	<1	122	28	<1	212	<1	4280	<1	15.5	51	<0.5	98	<1	1443	116	2013	36
LH4716	277	53	<5	<0.5	628	504	89	<1	122	35	<1	209	<1	4017	<1	24	127	<0.5	103	<1	2017	159	2507	47

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	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	ME-ICP41
TRAVERSE LH18		GRANVILLE 115-O/10																									
LH 19 (-80)		Sampled: 10-Aug-04			By: PL, SJ							Analysis Unit	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		Sample Interval (m): 50											ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LH4689		609936	7070242		R	220	b org	or	cl si	q ser s. qv			0.003	0.7	2.03	14	<10	260	<0.5	<2	0.11	<0.5	17	29	19	3.26	10
LH4690		609978	7070272		S++	20	c	o limb	si gv	m qs	Dup LH4714		0.002	0.3	1.54	16	<10	120	<0.5	2	0.09	<0.5	7	23	28	3.64	10
LH4691		610019	7070306		S++	40	b org	yb gb	cl si gv	qms pox			0.005	0.2	1.38	13	<10	120	<0.5	<2	0.16	<0.5	10	27	28	2.68	<10
LH4692		610054	7070335		S++	20	b org	yb gb	cl gv si	qv. qms			<0.001	<0.2	1.36	14	<10	100	<0.5	<2	0.14	<0.5	9	26	26	2.86	<10
LH4693		610089	7070367		S++	30	b org	yb gb	cl gv si	qms . ox p			0.005	<0.2	1.35	11	<10	150	<0.5	<2	0.24	<0.5	10	25	26	2.45	<10
LH4694		610136	7070395		S++	30	c	gb	cl qv si	s meta q. qms			0.003	0.3	2.74	7	<10	140	<0.5	<2	0.21	<0.5	23	30	56	4.72	10
LH4695		610176	7070422		S++	20	b/c?	gb	gr si cl	qms			0.003	<0.2	2.63	11	<10	200	<0.5	<2	0.34	<0.5	21	29	59	4.37	10
LH4696		610219	7070452		S++	35	c	gb	gv si cl	qms			0.005	0.2	2.83	7	<10	130	<0.5	<2	0.45	<0.5	26	17	98	5.43	10
LH4697		610261	7070486		S++	30	c	ygb	gv si cl	qms			0.009	0.3	2.2	<2	<10	110	<0.5	<2	0.25	0.6	9	7	78	4.84	10
LH4698		610297	7070513		S++	25	c	yb gb	gv si cl	qms			0.018	0.8	1.95	4	<10	290	<0.5	<2	0.18	<0.5	5	8	97	4.35	10
LH4699		610337	7070544		S++	20	c org	yb gb	gr si cl	qms			0.012	0.8	2.02	5	<10	260	<0.5	<2	0.14	<0.5	6	10	66	3.89	10
LH4700		610374	7070584		S++	25	c	yob	gv gr si	ox qms lim	Dup LH4715		0.01	0.6	1.28	14	<10	220	<0.5	<2	0.18	<0.5	7	14	33	2.93	<10
LH4701		610414	7070606		S++	25	c<b	ob gb	gv gr si	qms lim			0.006	0.3	1.32	15	<10	360	<0.5	<2	0.2	<0.5	7	16	18	2.54	<10
LH4702		610454	7070635		S++	20	b/c?	yb gb	gv gr si	qv qms			0.001	0.2	0.82	16	<10	180	<0.5	<2	0.08	<0.5	4	13	15	1.55	<10
LH4703		610494	7070666		S++	20	b	gb	gv gr cl	qms qv			0.001	0.2	0.92	8	<10	150	<0.5	<2	0.07	<0.5	3	13	9	1.52	<10
LH4704		610527	7070707		S++	20	c	ob	gv gr cl	qv qms lim			0.002	<0.2	1.12	13	<10	190	<0.5	<2	0.08	<0.5	4	14	13	1.9	<10
LH4705		610575	7070727		S++	25	c?	ob	gv gr cl	qms lim			0.002	<0.2	1.16	7	<10	150	<0.5	2	0.1	<0.5	4	14	10	1.9	<10
LH4706		610614	7070756		S++	25	b	ob	si gv cl	qte m lim			0.001	<0.2	1.18	14	<10	140	<0.5	<2	0.11	<0.5	5	16	12	2.2	<10
LH4707		610652	7070787		S++	25	b	ygb	gr si cl	qms			0.001	<0.2	1.16	12	<10	230	<0.5	<2	0.19	<0.5	7	16	17	2.36	<10
LH4708		610691	7070820		S++	25	b	yb	cl si gr	ox qms			0.003	<0.2	1.32	17	<10	240	<0.5	<2	0.16	<0.5	4	16	12	2.16	<10
LH4709		610730	7070855		S++	35	b	lb	cl gr si	qms ox			0.002	<0.2	1.23	9	<10	300	<0.5	<2	0.24	<0.5	6	19	19	2.1	<10
LH4710		610776	7070882		S++	25	b	lyb	cl si gv	qms	Dup LH4716		0.005	<0.2	1.4	9	<10	370	<0.5	<2	0.41	<0.5	6	19	16	2.18	<10
LH4711		610817	7070916		S++	20	b w	lb	cl si gr	ox qms			0.005	<0.2	1.26	8	<10	340	<0.5	<2	0.3	<0.5	6	20	15	2.16	<10
LH4712		610853	7070945		S++	20	b w org	lb	cl si	qms lim			0.003	<0.2	1.42	8	<10	340	<0.5	<2	0.34	<0.5	4	18	12	2.16	<10
LH4713		610890	7070969		S++	20	b <org	lb	cl si gv	qms ox			0.003	<0.2	1.19	6	<10	190	<0.5	<2	0.26	<0.5	4	16	9	1.89	<10
LH4690													0.002	0.3	1.54	16	<10	120	<0.5	2	0.09	<0.5	7	23	28	3.64	10
LH4714		Dup for LH4690											0.002	0.3	1.66	14	<10	130	<0.5	<2	0.1	<0.5	7	24	31	3.86	10
LH4700													0.01	0.6	1.28	14	<10	220	<0.5	<2	0.18	<0.5	7	14	33	2.93	<10
LH4715		Dup for LH4700											0.008	0.2	0.85	12	<10	190	<0.5	<2	0.19	<0.5	8	14	29	2.63	<10
LH4710													0.005	<0.2	1.4	9	<10	370	<0.5	<2	0.41	<0.5	6	19	16	2.18	<10
LH4716		Dup for LH4710											0.002	<0.2	1.64	9	<10	460	<0.5	<2	0.51	<0.5	7	20	18	2.44	<10

SAMPLE No	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	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
TRAVERSE LH19	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
LH 19 (-80)	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LH4689	1	0.04	10	0.54	514	<1	0.01	18	450	10	0.04	<2	4	9	0.07	<10	<10	75	<10	88
LH4690	1	0.03	<10	0.88	326	1	0.01	24	550	7	0.04	<2	2	6	0.07	<10	<10	50	<10	61
LH4691	1	0.03	10	0.62	256	1	0.01	24	430	6	0.03	<2	3	11	0.05	<10	<10	49	<10	50
LH4692	1	0.03	<10	0.71	236	1	0.01	23	360	2	0.03	<2	2	8	0.06	<10	<10	47	<10	46
LH4693	2	0.03	10	0.76	350	1	0.01	18	320	5	0.03	2	2	10	0.06	<10	<10	41	<10	45
LH4694	1	0.01	<10	1.71	888	<1	0.01	23	610	11	0.03	<2	8	8	0.02	<10	<10	83	<10	82
LH4695	<1	0.02	10	1.43	1050	<1	0.01	24	560	7	0.03	<2	9	12	0.02	<10	<10	81	<10	73
LH4696	2	0.01	10	1.77	1220	<1	0.01	16	580	4	0.04	<2	13	11	0.01	<10	<10	81	<10	120
LH4697	3	0.01	<10	1.68	677	1	0.01	5	520	7	0.04	2	8	9	0.01	<10	<10	57	<10	409
LH4698	1	0.01	<10	1.63	548	<1	0.02	4	380	7	0.05	<2	6	10	0.01	<10	<10	62	<10	440
LH4699	1	0.01	<10	1.56	458	<1	0.01	6	350	30	0.03	<2	5	9	0.02	<10	<10	62	<10	343
LH4700	1	0.03	10	0.77	320	1	0.01	30	630	21	0.03	<2	4	7	0.01	<10	<10	47	<10	121
LH4701	1	0.05	10	0.36	246	1	0.01	18	590	13	0.03	<2	2	8	0.01	<10	<10	30	<10	71
LH4702	1	0.06	10	0.24	120	1	<0.01	17	170	5	0.03	<2	2	4	0.01	<10	<10	27	<10	35
LH4703	1	0.05	10	0.24	116	1	0.01	11	160	6	0.03	<2	1	5	0.02	<10	<10	33	<10	28
LH4704	1	0.08	10	0.22	124	1	0.01	10	220	9	0.04	<2	1	8	0.02	<10	<10	31	<10	28
LH4705	1	0.07	10	0.42	150	1	<0.01	13	300	7	0.03	<2	2	7	0.03	<10	<10	29	<10	27
LH4706	1	0.05	10	0.33	122	1	0.01	13	270	7	0.04	<2	2	8	0.04	<10	<10	33	<10	35
LH4707	1	0.06	10	0.41	225	1	0.01	14	470	8	0.03	<2	3	11	0.05	<10	<10	31	<10	38
LH4708	1	0.05	10	0.35	124	1	0.01	13	360	9	0.05	<2	3	12	0.05	<10	<10	36	<10	38
LH4709	1	0.07	10	0.38	215	1	0.01	14	450	11	0.03	<2	3	15	0.06	<10	<10	37	<10	52
LH4710	2	0.08	10	0.37	282	<1	0.01	14	420	7	0.01	<2	3	22	0.06	<10	<10	34	<10	46
LH4711	1	0.04	10	0.39	192	1	0.01	14	480	6	0.01	<2	3	19	0.06	<10	<10	36	<10	45
LH4712	<1	0.05	10	0.39	151	1	0.01	14	410	7	0.02	<2	3	20	0.05	<10	<10	38	<10	41
LH4713	<1	0.04	10	0.36	107	<1	0.01	11	450	5	0.01	<2	2	14	0.05	<10	<10	33	<10	35
LH4690	1	0.03	<10	0.88	326	1	0.01	24	550	7	0.04	<2	2	6	0.07	<10	<10	50	<10	61
LH4714	1	0.03	<10	0.96	333	1	0.01	24	570	4	0.01	<2	2	7	0.08	<10	<10	54	<10	66
LH4700	1	0.03	10	0.77	320	1	0.01	30	630	21	0.03	<2	4	7	0.01	<10	<10	47	<10	121
LH4715	<1	0.04	10	0.45	313	1	<0.01	41	820	15	0.01	<2	3	6	0.01	<10	<10	26	<10	106
LH4710	2	0.08	10	0.37	282	<1	0.01	14	420	7	0.01	<2	3	22	0.06	<10	<10	34	<10	46
LH4716	1	0.09	20	0.39	371	1	0.01	16	450	8	0.02	<2	4	27	0.06	<10	<10	37	<10	51

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Ag MMI-M5	As MMI-M5	Au MMI-M5	Ba MMI-M5	Bi MMI-M5	Ca MMI-M5	Cd MMI-M5	Ce MMI-M5	Co MMI-M5	Cu MMI-M5	Dy MMI-M5	Er MMI-M5	Eu MMI-M5	Gd MMI-M5
TRAVERSE	GRANVILLE 115-O/10				GRAND FORKS 1:50,000 115-O/14							Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH 20	Sampled: 14-Aug-04			By:	Sampled:			By: PL, SJ				Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1
	Sample Interval (m): 50				Sample Interval (m): 50																					
LH4760		610520	7070624		S++	15	b a	ob b	gr gv cl	qms ox qv ox	Dup LH4780		8	69	0.1	3628	4	35	48	431	158	248	96	47.4	24	106
LH4761		610554	7070580		S++	15	a <b org	b ob	cl gv	qms lim			1	<10	0.1	3794	<1	377	359	377	85	182	54	30.7	14.7	68
LH4762		610596	7070540		S++	20	a <b org	b	cl gr	qms lim carb s			2	23	0.2	5328	1	200	568	267	360	743	81	50.8	17.6	81
LH4763		610631	7070509		S++	25	b org d	yb	gr gv si	qms ox qv meta q			2	18	0.2	5481	1	188	410	100	478	918	56	50.1	7.1	35
LH4764		610667	7070472		S++	15	a org	b ob	cl	ox qms			1	22	0.3	1925	<1	163	476	633	644	530	132	69.2	32.9	147
LH4765		610696	7070421		S++	20	b	yb	gv gr si	ox qms qv			27	21	0.3	5981	<1	334	321	605	121	317	67	33.1	16.5	90
LH4766		610731	7070396		S++	20	a org	b	cl	qv			11	<10	0.4	3444	<1	324	455	577	71	509	101	49.7	29.1	136
LH4767		610772	7070368		V	30	b a w	yb	gv si cl	no rocks	possible slope runoff		<1	27	0.5	2311	<1	361	12	155	547	1758	17	8.8	5.6	25
LH4768		610806	7070333		V	40	a org f	b	cl	no rocks			<1	<10	0.2	3651	<1	264	74	121	623	594	16	10.5	4.6	21
LH4769		610873	7070246		S	30	a org w	b	cl	no rocks			5	<10	0.2	3210	<1	348	164	70	37	317	9	9.4	2.1	11
LH4770		610914	7070212		S++	30	a org	b	cl	qms meta q	Dup LH4781		<1	<10	<0.1	2603	<1	337	123	62	43	83	9	6.1	2.2	12
LH4771		610947	7070175		S++	20	b < a org	b < a org	cl gr si	qms ox carb s			9	<10	0.2	2676	<1	239	168	105	16	302	10	12	2.1	11
LH4772		610987	7070147		S++	40	a org	a org	cl	qv lim qms lim ox p			2	46	0.4	4367	<1	266	34	159	459	2749	20	11.8	5.4	25
LH4773		611004	7070102		S++	30	a org	b	cl	no rocks			5	<10	0.1	2097	<1	319	232	30	11	181	4	4.8	0.8	5
LH4774		611046	7070070		S++	30	a org	b	cl	qms ox p			6	<10	0.3	1084	<1	302	84	16	16	320	5	4.3	1	5
LH4775		611072	7070027		S++	20	a org	b	cl	c s %5 lim p			1	<10	<0.1	302	<1	547	54	7	22	170	3	1.8	0.8	3
LH4776		611101	7069983		S++	20	a org	b	cl	c q s lim			3	<10	<0.1	92	<1	231	29	<5	15	138	2	1.1	<0.5	2
LH4777		611136	7069946		S++	20	a org	b	cl	ox lim c s, ox lim cs			<1	<10	0.1	226	<1	454	37	8	22	149	5	3.2	1.1	5
LH4778		611171	7069906		S++	30	a org	b	cl	c q s			1	<10	<0.1	<10	<1	96	58	<5	10	208	<1	<0.5	<0.5	<1
LH4779		611197	7069872		S++	30	a w	b	cl	cs			6	<10	0.3	174	<1	311	<10	7	87	1504	<1	0.6	<0.5	1
	NOTE: 100 m betweenLH4768 and LH4769																									
LH4760													8	69	0.1	3628	4	35	48	431	158	248	96	47.4	24	106
LH4780	Dup for LH4760												2	32	<0.1	3205	3	43	21	94	132	124	39	28.7	5.7	28
LH4770													<1	<10	<0.1	2603	<1	337	123	62	43	83	9	6.1	2.2	12
LH4781	Dup for LH4770												<1	<10	0.1	2900	<1	379	150	89	42	87	13	7.1	3.1	17
LH4766													11	<10	0.4	3444	<1	324	455	577	71	509	101	49.7	29.1	136
UP-LH4766													13	11	0.4	3289	<1	315	523	531	84	531	93	47.7	26	121
LH4778													1	<10	<0.1	<10	<1	96	58	<5	10	208	<1	<0.5	<0.5	<1
UP-LH4778													1	<10	<0.1	15	<1	76	67	<5	8	188	<1	<0.5	<0.5	<1

SAMPLE No	La	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
TRAVERSE	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	MMI-M5	MMI-M5	MMI-M5	MMI-M5
LH 20	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	1	1	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5	1	1	5	1	20	5
LH4760	322	6	8	2.6	398	144	247	1	98	14	<1	99	<1	213	<1	217	859	<0.5	41	<1	399	45	465	77
LH4761	117	19	<5	<0.5	209	184	111	<1	47	30	<1	56	<1	1072	<1	29.8	59	<0.5	24	<1	295	28	5178	17
LH4762	115	16	<5	0.9	219	256	529	<1	47	9	<1	65	<1	706	<1	140	430	<0.5	41	<1	417	47	4147	66
LH4763	50	19	<5	1	85	203	193	<1	18	17	<1	26	<1	1002	<1	92.4	320	<0.5	33	<1	317	52	1297	40
LH4764	304	17	6	0.7	497	344	103	<1	116	104	<1	131	<1	365	<1	120	339	<0.5	82	<1	829	62	2535	63
LH4765	227	26	<5	0.7	330	256	498	<1	76	37	<1	80	<1	1006	<1	71.6	306	<0.5	20	<1	353	28	1461	43
LH4766	280	14	<5	<0.5	451	166	501	<1	103	10	<1	119	<1	696	<1	49.3	96	<0.5	28	<1	508	40	2905	29
LH4767	63	13	12	<0.5	108	221	39	<1	24	<5	<1	24	<1	1004	<1	20	57	<0.5	18	<1	94	9	144	15
LH4768	44	11	12	<0.5	83	401	<10	<1	18	<5	<1	19	<1	876	<1	7.7	36	<0.5	5	<1	116	11	413	10
LH4769	29	11	<5	<0.5	37	582	31	<1	9	<5	<1	9	<1	1025	<1	2.4	<3	<0.5	23	<1	53	11	2115	<5
LH4770	22	19	6	<0.5	34	276	42	<1	7	13	<1	9	<1	1085	<1	4	5	<0.5	10	<1	51	6	1051	<5
LH4771	38	9	<5	<0.5	48	695	25	<1	11	12	<1	9	<1	565	<1	2.1	<3	<0.5	22	<1	54	14	1092	<5
LH4772	59	21	20	1	99	725	45	<1	22	<5	2	24	<1	598	<1	34.1	232	<0.5	23	<1	103	12	267	46
LH4773	11	9	<5	<0.5	16	594	22	<1	3	7	<1	4	<1	606	<1	0.9	<3	<0.5	6	<1	23	6	1869	<5
LH4774	6	8	<5	<0.5	12	173	29	<1	2	<5	<1	4	<1	354	<1	1	<3	<0.5	9	<1	29	6	385	<5
LH4775	3	10	<5	<0.5	6	65	54	<1	1	8	<1	2	<1	419	<1	0.6	4	<0.5	1	<1	17	2	131	<5
LH4776	1	12	<5	<0.5	3	97	<10	<1	<1	<5	<1	1	<1	327	3	1.6	3	<0.5	3	<1	10	1	171	<5
LH4777	4	14	<5	<0.5	8	96	18	<1	2	8	<1	3	<1	332	5	2.4	5	<0.5	4	<1	30	4	130	<5
LH4778	<1	15	<5	<0.5	<1	70	<10	<1	<1	13	<1	<1	<1	205	2	<0.5	3	<0.5	2	<1	<5	<1	891	<5
LH4779	3	10	8	<0.5	4	84	<10	<1	<1	<5	<1	1	<1	350	2	1.9	9	<0.5	3	<1	7	<1	67	<5
LH4760	322	6	8	2.6	398	144	247	1	98	14	<1	99	<1	213	<1	217	859	<0.5	41	<1	399	45	465	77
LH4780	68	8	<5	0.9	84	105	82	<1	20	13	<1	23	<1	249	2	89.7	279	<0.5	23	<1	175	41	160	31
LH4770	22	19	6	<0.5	34	276	42	<1	7	13	<1	9	<1	1085	<1	4	5	<0.5	10	<1	51	6	1051	<5
LH4781	33	25	5	<0.5	51	249	72	<1	11	13	<1	13	<1	1130	1	7.8	12	<0.5	9	<1	70	6	850	<5
LH4766	280	14	<5	<0.5	451	166	501	<1	103	10	<1	119	<1	696	<1	49.3	96	<0.5	28	<1	508	40	2905	29
UP-LH4766	246	14	<5	<0.5	402	165	578	<1	92	9	<1	106	<1	643	<1	48.3	92	<0.5	29	<1	456	39	2657	30
LH4778	<1	15	<5	<0.5	<1	70	<10	<1	<1	13	<1	<1	<1	205	2	<0.5	3	<0.5	2	<1	<5	<1	891	<5
UP-LH4778	<1	15	<5	<0.5	<1	60	<10	<1	<1	15	<1	<1	<1	195	<1	<0.5	4	<0.5	1	<1	<5	<1	964	9

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	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
TRAVERSE	GRANVILLE 115-O/10												Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
LH20(-80)	Sampled: 14-Aug-04				By: PL, SJ							Analysis Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	Sample Interval (m): 50																									
LH4760		610520	7070624		S++	20	b	ob	gv gr cl	qms ox qv ox	Dup LH4780		0.002	<0.2	1.42	43	<10	150	<0.5	<2	0.29	<0.5	11	30	41	3.73
LH4761		610554	7070580		S++	25	c/b?	ob	gr gv cl	qms lim			0.004	0.5	0.9	12	<10	260	<0.5	2	0.4	0.6	10	27	34	3.28
LH4762		610596	7070540		S++	30	b	yb	cl gv gr	qms lim carb s			0.003	0.3	1.98	11	<10	480	<0.5	<2	0.23	1.2	10	27	26	3.4
LH4763		610631	7070509		S++	25	b org d	yb	gr gv si	qms ox qv meta q			0.002	<0.2	1.3	9	<10	250	<0.5	<2	0.19	0.7	6	16	23	2.09
LH4764		610667	7070472		S++	35	b	yb	gr gv cl	ox qms			0.015	<0.2	1.56	14	<10	600	<0.5	<2	0.39	0.9	13	21	38	2.99
LH4765		610696	7070421		S++	20	b	yb	gv gr si	ox qms qv			0.003	<0.2	1.09	13	<10	220	<0.5	<2	0.26	0.6	8	15	24	2.34
LH4766		610731	7070396		S++	40	b	yb	cl gr si	qv			0.003	<0.2	1.14	11	<10	290	<0.5	<2	0.38	0.7	11	10	32	2.55
LH4767		610772	7070368		V	45	b w	yb	gr si cl	no rocks	possible slope runoff		0.006	<0.2	1.22	10	<10	270	<0.5	<2	0.6	0.7	15	10	41	3.09
LH4768		610806	7070333		V	no sample	no sample	no sample	no sample	no rocks																
LH4769		610873	7070246		S	50	b	yb	s gr si	no rocks			0.064	<0.2	0.82	9	<10	250	<0.5	<2	0.53	0.5	8	16	18	1.98
LH4770		610914	7070212		S++	50	b	lb	cl si gr	qms meta q	Dup LH4781		0.006	<0.2	1.06	12	<10	380	<0.5	<2	0.66	<0.5	8	20	18	2.3
LH4771		610947	7070175		S++	50	b ? Or a	lb	cl si gr	qms ox carb s			0.007	0.2	1.21	7	<10	420	<0.5	<2	0.49	<0.5	9	21	35	2.6
LH4772		610987	7070147		S++	50	b f	yb	cl si gr	qv lim qms lim ox p			0.007	<0.2	1.14	10	<10	290	<0.5	<2	0.49	0.7	11	21	24	2.7
LH4773		611004	7070102		S++	50	b	y	cl si gr	no rocks			0.007	<0.2	1.18	9	<10	360	<0.5	<2	0.58	0.6	9	20	34	2.81
LH4774		611046	7070070		S++	45	b org	lb	si cl	qms ox p			0.009	0.2	1.56	9	<10	440	<0.5	<2	0.91	0.5	12	19	57	3.46
LH4775		611072	7070027		S++	50	b	y g b	cl gr gv	c s %5 lim p			0.034	<0.2	2.23	2	<10	120	<0.5	<2	0.85	0.7	19	18	78	4.74
LH4776		611101	7069983		S++	50	c	gb	gv gr cl	c q s lim			1.135	0.4	2.1	6	<10	90	<0.5	2	0.59	<0.5	20	21	66	4.35
LH4777		611136	7069946		S++	40	c	gb	gv gr cl	ox lim c s, ox lim cs			0.012	0.3	1.94	<2	<10	110	<0.5	<2	0.64	<0.5	25	20	93	5.07
LH4778		611171	7069906		S++	40	b	gb	cl si gr	c q s			0.012	0.4	1.98	5	<10	120	<0.5	<2	0.59	<0.5	13	19	61	3.91
LH4779		611197	7069872		S++	50	b w	gb	cl gr gv	cs			0.013	0.2	1.9	5	<10	110	<0.5	<2	0.71	<0.5	16	19	90	3.98
LH4760													0.002	<0.2	1.42	43	<10	150	<0.5	<2	0.29	<0.5	11	30	41	3.73
LH4780	Dup for LH4760												0.002	<0.2	1.27	36	<10	150	<0.5	<2	0.27	<0.5	11	26	40	3.46
LH4770													0.006	<0.2	1.06	12	<10	380	<0.5	<2	0.66	<0.5	8	20	18	2.3
LH4781	Dup for LH4770												0.005	<0.2	1.04	8	<10	350	<0.5	<2	0.57	<0.5	8	20	18	2.24

NOTE: 100 m betweenLH4768 and LH4769

SAMPLE No	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	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
TRAVERSE	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
LH20(-80)	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LH4760	<10	2	0.07	10	0.72	482	2	<0.01	42	1260	8	0.01	<2	5	10	0.01	<10	<10	42	<10	86
LH4761	<10	1	0.05	40	0.43	352	2	0.01	39	1240	8	0.01	<2	3	14	0.01	<10	<10	35	<10	102
LH4762	10	2	0.05	10	0.72	536	1	0.01	21	470	14	0.02	<2	4	13	0.02	<10	<10	54	<10	198
LH4763	<10	<1	0.05	10	0.44	256	1	<0.01	13	390	9	<0.01	<2	3	9	0.02	<10	<10	37	<10	113
LH4764	<10	<1	0.06	20	0.56	922	2	<0.01	22	730	13	0.01	<2	4	18	0.02	<10	<10	37	<10	134
LH4765	<10	<1	0.05	10	0.47	450	1	<0.01	16	610	10	<0.01	<2	3	11	0.02	<10	<10	31	<10	102
LH4766	<10	<1	0.03	10	0.64	601	1	<0.01	12	690	13	0.01	<2	3	14	0.01	<10	<10	36	<10	188
LH4767	<10	<1	0.02	10	0.74	744	1	<0.01	11	670	16	0.02	<2	4	21	0.01	<10	<10	40	<10	175
LH4768																					
LH4769	<10	<1	0.04	20	0.35	390	1	0.01	19	960	6	0.02	<2	3	20	0.04	<10	<10	33	<10	68
LH4770	<10	1	0.05	20	0.4	344	<1	0.01	19	710	9	0.03	3	3	26	0.04	<10	<10	41	<10	72
LH4771	<10	1	0.04	20	0.51	377	1	0.01	25	690	11	0.02	<2	5	22	0.04	<10	<10	43	<10	94
LH4772	<10	<1	0.05	20	0.48	424	1	0.01	24	820	12	0.02	<2	4	21	0.04	<10	<10	40	<10	128
LH4773	<10	1	0.04	20	0.54	400	1	0.01	25	890	16	0.03	<2	5	21	0.03	<10	<10	39	<10	126
LH4774	<10	1	0.03	10	0.8	392	<1	0.01	19	680	11	0.06	<2	6	21	0.03	<10	<10	49	<10	119
LH4775	10	2	0.02	10	1.39	1000	<1	0.01	17	470	26	0.07	<2	12	14	0.01	<10	<10	67	<10	226
LH4776	10	1	0.01	10	1.3	972	<1	0.01	21	830	5	0.05	<2	11	11	0.01	<10	<10	56	<10	88
LH4777	10	2	0.02	10	1.14	1005	<1	0.01	25	680	11	0.04	<2	16	9	0.01	<10	<10	59	<10	84
LH4778	10	1	0.02	10	1.1	553	<1	0.01	16	820	7	0.04	<2	10	14	0.02	<10	<10	59	<10	87
LH4779	10	1	0.02	10	1.03	633	<1	0.01	18	670	7	0.05	<2	11	16	0.02	<10	<10	60	<10	98
LH4760	<10	2	0.07	10	0.72	482	2	<0.01	42	1260	8	0.01	<2	5	10	0.01	<10	<10	42	<10	86
LH4780	<10	1	0.07	10	0.66	448	2	<0.01	42	1200	7	0.02	<2	4	9	0.01	<10	<10	37	<10	81
LH4770	<10	1	0.05	20	0.4	344	<1	0.01	19	710	9	0.03	3	3	26	0.04	<10	<10	41	<10	72
LH4781	<10	<1	0.05	20	0.39	307	1	0.01	17	670	9	0.03	<2	3	23	0.04	<10	<10	40	<10	68

SAMPLE No	GPS W'PT	UTM COORDS EAST	NORTH	ELEV	LAND FORM	DEPTH (cm)	STATE	COLOUR	SOIL COMPOSITION	ROCKS	COMMENTS	Scheme Code	Ag MMI-MS	As MMI-MS	Au MMI-MS	Ba MMI-MS	Bi MMI-MS	Ca MMI-MS	Cd MMI-MS	Ce MMI-MS	Co MMI-MS	Cu MMI-MS	Dy MMI-MS	Er MMI-MS	Eu MMI-MS	Gd MMI-MS	La MMI-MS
TRAVERSE	GRANVILLE 115-O/10				GRAND FORKS 1:50,000 115-O/14							Analysis Unit	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH21	Sampled: 12-Aug-04			By:	Sampled:			By: PL, SJ				Detection Limit	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1
	Sample Interval (m): 50				Sample Interval (m): 50																						
LH4738		612032	7070125		S	15	a org	b	cl	qms			1	<10	0.2	2160	<1	53	<10	49	47	33	2	1	0.5	3	19
LH4739		611986	7070164		S+	15	a org	b	cl	qcs ox			3	<10	<0.1	554	<1	<10	11	19	62	78	6	5.5	0.9	4	9
LH4740		611944	7070189		S+	15	a org	b	cl	cs qv	Dup LH4758		<1	<10	<0.1	2058	<1	13	<10	14	63	40	2	2.1	<0.5	1	7
LH4741		611903	7070226		S+	20	b a org	gb b	cl gv gr	cs qv			3	<10	<0.1	1785	<1	27	21	63	154	122	26	14.9	5	24	25
LH4742		611875	7070261		S+	30	b a w	yb b	cl si gv	ox cs qte b q eyes			<1	<10	<0.1	2420	<1	164	<10	29	93	369	6	4.1	0.9	5	13
LH4743		611840	7070295		S++	25	b org	ogb	cl si gr	d g ox s, cs?			7	<10	0.4	4348	<1	226	<10	450	828	546	70	40.9	16.7	83	198
LH4744		611768	7070357		S++	25	b < a org	y g b b	cl si	cs weakly foliated dirate/gabbro			7	<10	<0.1	3574	<1	321	56	161	52	150	27	28.4	4.1	21	38
LH4745		611724	7070387		S++	25	b a org	lb gb	cl si gr	cs, gabbro/dirate, q			8	<10	0.2	4470	<1	409	15	103	52	153	9	11.3	1.7	10	44
LH4746		611691	7070427		S++	25	b w org	b	cl	no data			<1	<10	<0.1	2188	<1	424	51	64	23	48	18	10.2	4.9	24	26
LH4747		611656	7070459		S++	25	b org	b gb	cl si	qte c or m? s			3	<10	0.1	1712	<1	268	53	12	190	210	3	6.7	<0.5	2	5
LH4748		611615	7070488		S++	25	b < a < org	lb < b	cl si	qms ox			4	<10	0.2	3756	<1	322	42	81	55	180	17	18.5	1.9	12	34
LH4749		611580	7070526		S++	30	b	lb	cl si	qv			8	<10	0.2	3037	<1	304	33	6	203	1926	<1	1.1	<0.5	<1	2
LH4750		611539	7070561		S++	35	a org	b	cl	qv	Dup LH4759		3	<10	0.3	1888	<1	359	74	212	29	238	17	17.5	3.9	20	24
LH4751		611508	7070593		S++	40	a org	b	cl	no rocks			3	<10	0.2	437	<1	222	53	25	15	154	3	4.2	0.5	3	3
LH4752		611467	7070627		S++	25	b org	yb b	cl	cs, qms			13	<10	0.5	3306	<1	253	11	325	213	872	77	35.8	20.9	98	133
LH4753		611425	7070652		S++	20	b < a org	g < b	si gr gv	cs			32	<10	2.9	1570	<1	430	25	41	14	968	23	19.4	6.1	28	21
LH4754		611394	7070692		S++	30	a org w	b	cl	ate c			<1	<10	0.1	81	<1	118	29	<5	9	213	1	0.9	<0.5	1	<1
LH4755		611355	7070729		S++	25	a org	b	cl	c q s			2	<10	<0.1	353	<1	294	16	7	5	64	2	2.1	0.6	3	3
LH4756		611321	7070763		S++	30	a org	b	cl	no rocks			1	<10	<0.1	1431	<1	330	34	59	12	87	11	5.7	2.8	14	15
LH4757		611321	7070763		S++	30	a org	b	cl	no rocks			2	<10	<0.1	1832	<1	333	62	171	15	248	29	16.7	7	35	33
LH4740																											
LH4758	Dup for LH4740												<1	<10	<0.1	2058	<1	13	<10	14	63	40	2	2.1	<0.5	1	7
LH4750													3	<10	0.3	1888	<1	359	74	212	29	238	17	17.5	3.9	20	24
LH4759	Dup for LH4750												<1	<10	0.3	2354	<1	306	47	67	149	255	26	15.9	5	24	23
LH4742													<1	<10	<0.1	2420	<1	164	<10	29	93	369	6	4.1	0.9	5	13
DUP-LH4742													<1	<10	<0.1	2072	<1	147	<10	17	81	362	4	2.9	<0.5	3	10
LH4754													<1	<10	0.1	81	<1	118	29	<5	9	213	1	0.9	<0.5	1	<1
DUP-LH4754													<1	<10	<0.1	53	<1	101	25	<5	12	181	1	0.8	<0.5	1	<1

SAMPLE No	Mg	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
TRAVERSE	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	MMI-M5	MMI-M5	MMI-M5
LH21	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
	1	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5	1	1	5	1	20	5
LH4738	8	<5	2.6	16	105	13	<1	4	45	<1	3	<1	290	4	11	541	<0.5	4	4	8	<1	129	28
LH4739	1	<5	4.3	10	86	100	<1	2	20	<1	3	<1	69	17	10.1	1660	<0.5	5	5	35	5	61	28
LH4740	5	<5	1.8	6	74	21	<1	1	15	<1	1	<1	259	7	7.5	641	<0.5	3	2	11	3	28	19
LH4741	7	<5	1.9	59	121	149	<1	11	55	<1	17	<1	200	5	12.3	859	<0.5	6	1	158	13	313	28
LH4742	35	5	1.2	15	100	13	<1	3	23	<1	4	<1	1008	3	7.7	245	<0.5	8	2	36	3	62	21
LH4743	21	<5	0.7	286	225	49	<1	65	50	<1	67	<1	1306	2	21.3	220	<0.5	39	1	424	31	79	34
LH4744	10	<5	<0.5	68	192	48	<1	14	31	<1	16	<1	1288	2	4.8	6	<0.5	19	<1	158	28	489	<5
LH4745	10	<5	<0.5	50	209	30	<1	12	18	<1	9	<1	1711	1	1.5	<3	<0.5	7	<1	50	13	157	<5
LH4746	25	<5	<0.5	57	101	28	<1	11	12	<1	18	<1	1231	1	2.4	20	<0.5	4	<1	115	9	1334	7
LH4747	11	<5	<0.5	8	271	<10	<1	2	15	<1	2	<1	1358	<1	0.6	<3	<0.5	10	<1	22	11	594	<5
LH4748	11	<5	<0.5	43	246	43	<1	10	15	<1	9	<1	1308	<1	1.5	<3	<0.5	9	<1	96	18	576	<5
LH4749	12	7	<0.5	3	729	<10	<1	<1	17	<1	<1	<1	1354	2	<0.5	<3	<0.5	9	<1	<5	2	228	<5
LH4750	8	<5	<0.5	56	365	<10	<1	11	11	<1	16	<1	1354	1	1.2	<3	<0.5	22	<1	104	22	803	<5
LH4751	9	<5	<0.5	6	191	<10	<1	1	7	<1	2	<1	576	1	<0.5	<3	<0.5	11	<1	18	5	570	<5
LH4752	26	<5	<0.5	271	334	123	<1	56	75	<1	77	<1	576	<1	17.4	91	<0.5	23	<1	423	25	85	23
LH4753	21	<5	<0.5	53	207	10	<1	10	5	<1	19	<1	1143	<1	2.2	<3	<0.5	9	<1	150	23	46	<5
LH4754	20	<5	<0.5	2	108	<10	<1	<1	14	<1	<1	<1	297	<1	<0.5	<3	<0.5	6	<1	7	<1	444	<5
LH4755	14	<5	<0.5	7	111	<10	<1	1	9	<1	2	<1	540	<1	<0.5	<3	<0.5	3	<1	17	2	146	<5
LH4756	25	12	<0.5	33	272	46	<1	6	9	<1	10	<1	926	<1	2.3	24	<0.5	4	<1	68	5	862	11
LH4757	24	<5	<0.5	79	469	33	<1	15	20	<1	26	<1	886	<1	5	17	<0.5	11	<1	192	15	1126	15
LH4740	5	<5	1.8	6	74	21	<1	1	15	<1	1	<1	259	7	7.5	641	<0.5	3	2	11	3	28	19
LH4758																							
LH4750	8	<5	<0.5	56	365	<10	<1	11	11	<1	16	<1	1354	1	1.2	<3	<0.5	22	<1	104	22	803	<5
LH4759	24	6	<0.5	56	399	<10	<1	11	8	<1	16	<1	1258	<1	6.9	67	<0.5	28	<1	155	17	430	24
LH4742	35	5	1.2	15	100	13	<1	3	23	<1	4	<1	1008	3	7.7	245	<0.5	8	2	36	3	62	21
DUP-LH4742	29	<5	0.7	8	85	11	<1	2	20	<1	2	<1	984	2	7	227	<0.5	7	<1	30	2	44	18
LH4754	20	<5	<0.5	2	108	<10	<1	<1	14	<1	<1	<1	297	<1	<0.5	<3	<0.5	6	<1	7	<1	444	<5
DUP-LH4754	17	<5	<0.5	2	100	<10	<1	<1	12	<1	<1	<1	278	<1	<0.5	4	<0.5	5	<1	7	<1	385	<5

KSL Exploration (Yukon) Limited

Appendix 3

Certificates of Analysis

CERTIFICATE OF ANALYSIS

Work Order: 078108

To: **KSL Exploration Limited**
Attn: R G Adamson
Level 10
80 Arthur Street
NORTH SYDNEY
NSW/AUSTRALIA/2060

Date : 15/07/04

Copy 1 to :

P.O. No.	:	
Project No.	:	KLONDIKE
No. of Samples	:	89 Soil (MMI)
Date Submitted	:	21/06/04
Report Comprises	:	Cover Sheet plus Pages 1 to 4

Distribution of unused material:
Pulps: STORE
Rejects: STORE

Certified By :

For Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions

SGS

Work Order: 078108 **Date:** 15/07/04 **FINAL**

Element.	Au	Co	Ni	Pd	Ag
Method.	MMI-B5	MMI-B5	MMI-B5	MMI-B5	MMI-B5
Det.Lim.	0.1	1	3	0.1	0.1
Units.	ppb	ppb	ppb	ppb	ppb
LK4021	<0.1	21	13	0.13	4.49
LK4022	0.13	7	331	0.12	17.6
LK4023	0.14	8	99	<0.1	11.6
LK4024	<0.1	19	16	<0.1	2.99
LK4025	<0.1	11	18	<0.1	4.38
LK4026	<0.1	13	21	<0.1	6.56
LK4027	<0.1	42	17	0.15	1.13
LK4028	0.50	19	259	0.14	15.8
LK4029	0.25	14	345	0.11	17.4
LK4030	<0.1	6	325	0.12	15.1
LK4031	0.27	55	223	<0.1	15.4
LK4032	0.17	9	271	0.10	14.9
LK4033	0.23	43	733	0.24	17.5
LK4035	<0.1	13	19	<0.1	9.69
LK4036	<0.1	14	21	<0.1	5.87
LK4037	<0.1	26	157	<0.1	6.59
LK4038	<0.1	26	16	<0.1	4.68
LK4039	<0.1	4	394	<0.1	14.0
LH4040	<0.1	9	6	<0.1	0.82
LH4041	<0.1	10	6	<0.1	0.54
LH4042	<0.1	7	7	<0.1	0.20
LH4043	<0.1	9	7	<0.1	0.54
LH4044	<0.1	20	10	<0.1	0.50
LH4045	<0.1	15	8	<0.1	0.88
LH4046	<0.1	14	14	<0.1	3.00
LH4047	<0.1	12	17	0.10	4.99
LH4048	<0.1	18	9	<0.1	4.79
LH4049	<0.1	12	14	<0.1	4.49
LH4050	<0.1	6	35	<0.1	2.75
LH4051	<0.1	7	14	<0.1	3.01

SGS

Work Order: 078108 **Date:** 15/07/04 **FINAL**

Element.	Au	Co	Ni	Pd	Ag
Method.	MMI-B5	MMI-B5	MMI-B5	MMI-B5	MMI-B5
Det.Lim.	0.1	1	3	0.1	0.1
Units.	ppb	ppb	ppb	ppb	ppb
LH4052	<0.1	6	7	<0.1	7.01
LH4053	<0.1	1	5	<0.1	0.16
LH4054	<0.1	6	11	<0.1	5.55
LH4055	<0.1	8	9	<0.1	2.62
LH4056	<0.1	12	33	<0.1	2.52
LH4057	<0.1	6	9	<0.1	0.64
LH4058	<0.1	11	11	<0.1	4.17
LH4059	<0.1	10	13	<0.1	2.90
LH4060	<0.1	8	9	<0.1	13.1
LH4061	<0.1	9	7	<0.1	0.63
LH4062	<0.1	24	18	<0.1	6.11
LH4063	<0.1	8	9	<0.1	9.37
LH4064	<0.1	13	67	<0.1	25.4
LH4065	<0.1	6	57	<0.1	28.6
LH4066	<0.1	19	79	<0.1	61.2
LH4067	0.15	6	218	<0.1	21.0
*Blk BLANK	<0.1	<1	<3	<0.1	<0.1
*Std MMISRM14	39.2	38	225	54.6	18.7
LH4068	<0.1	2	35	<0.1	0.65
LH4069	<0.1	2	38	<0.1	2.04
LH4070	<0.1	15	40	0.15	17.6
LH4071	<0.1	6	27	0.18	7.02
LH4072	<0.1	8	20	<0.1	3.13
LH4073	<0.1	32	96	<0.1	21.1
LH4074	0.11	25	51	0.12	28.5
LH4075	<0.1	29	98	0.12	43.0
LH4076	<0.1	12	28	<0.1	7.32
LH4077	<0.1	15	29	<0.1	3.48
LH4078	<0.1	13	11	<0.1	5.00
LH4079	<0.1	6	25	<0.1	23.3

SGS

Work Order: 078108 **Date:** 15/07/04 **FINAL**

Element.	Au	Co	Ni	Pd	Ag
Method.	MMI-B5	MMI-B5	MMI-B5	MMI-B5	MMI-B5
Det.Lim.	0.1	1	3	0.1	0.1
Units.	ppb	ppb	ppb	ppb	ppb
LH4080	<0.1	8	9	<0.1	11.3
LH4081	<0.1	9	10	<0.1	24.1
LH4082	<0.1	11	40	0.14	19.7
LH4083	<0.1	7	12	<0.1	11.8
LH4084	<0.1	4	20	<0.1	26.5
LH4085	<0.1	5	11	<0.1	1.22
LH4086	0.10	34	41	0.14	11.1
LH4087	<0.1	168	25	<0.1	5.70
LH4088	0.58	288	147	0.29	86.2
LH4089	0.21	6	54	0.14	23.7
LH4090	0.12	7	107	<0.1	6.36
LH4091	<0.1	2	7	<0.1	0.75
LH4092	0.26	25	7	<0.1	5.81
LH4093	<0.1	41	11	<0.1	0.73
LH4094	<0.1	6	10	<0.1	0.54
LH4095	<0.1	5	11	<0.1	1.02
LH4096	<0.1	3	8	<0.1	0.36
LH4097	<0.1	14	13	0.21	3.71
LH4098	<0.1	4	6	<0.1	2.18
LH4099	<0.1	8	7	<0.1	0.43
LH4100	<0.1	4	4	<0.1	1.71
LH4101	<0.1	4	9	<0.1	1.04
LH4102	<0.1	8	9	<0.1	7.23
LH4103	<0.1	4	8	<0.1	8.02
LH4104	<0.1	4	7	<0.1	1.56
LH4105	<0.1	3	8	<0.1	9.31
LH4106	<0.1	4	8	<0.1	0.47
LH4107	<0.1	5	15	<0.1	3.54
LH4108	<0.1	16	35	<0.1	5.01
LH4109	<0.1	12	6	<0.1	3.56

SGS

Work Order: 078108 **Date:** 15/07/04 **FINAL**

Element.	Au	Co	Ni	Pd	Ag
Method.	MMI-B5	MMI-B5	MMI-B5	MMI-B5	MMI-B5
Det.Lim.	0.1	1	3	0.1	0.1
Units.	ppb	ppb	ppb	ppb	ppb
LH4040A	<0.1	12	6	<0.1	3.56
*Dup LK4021	<0.1	17	12	<0.1	5.25
*Dup LK4033	0.26	41	831	0.27	19.5
*Dup LH4046	<0.1	15	16	<0.1	3.35
*Blk BLANK	<0.1	<1	<3	<0.1	<0.1
*Std MMISRM14	38.6	37	239	53.1	19.2
*Dup LH4058	<0.1	8	9	<0.1	4.89
*Dup LH4070	<0.1	12	46	0.17	17.8
*Dup LH4082	<0.1	9	35	0.18	17.5
*Dup LH4094	<0.1	8	8	<0.1	0.39
*Dup LH4106	<0.1	5	8	<0.1	0.41
*Blk BLANK	<0.1	<1	<3	<0.1	<0.1
*Std MMISRM14	39.4	37	223	52.7	18.5

SGS

CERTIFICATE OF ANALYSIS

Work Order: 078110

To: **KSL Exploration Limited**
Attn: R G Adamson
Level 10
80 Arthur Street
NORTH SYDNEY
NSW/AUSTRALIA/2060

Date : 15/07/04

Copy 1 to :

P.O. No.	:	
Project No.	:	KLONDIKE
No. of Samples	:	47 Soil (MMI)
Date Submitted	:	21/06/04
Report Comprises	:	Cover Sheet plus Pages 1 to 2

Distribution of unused material:
Pulps: STORE
Rejects: STORE

Certified By : Terrette Truce
For: Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result
*INF	= Composition of this sample makes detection impossible by this method		

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Subject to SGS General Terms and Conditions

SGS

Work Order: 078110 **Date:** 15/07/04 **FINAL**

Element.	Au	Co	Ni	Pd	Ag
Method.	MMI-B5	MMI-B5	MMI-B5	MMI-B5	MMI-B5
Det.Lim.	0.1	1	3	0.1	0.1
Units.	ppb	ppb	ppb	ppb	ppb
LH4110	<0.1	19	36	<0.1	2.71
LH4111	<0.1	7	114	<0.1	9.91
LH4112	<0.1	4	4	<0.1	3.25
LH4113	<0.1	11	15	<0.1	1.05
K4144	0.12	4	9	<0.1	2.21
K4145	<0.1	<1	14	<0.1	1.85
K4146	<0.1	9	15	<0.1	1.87
K4147	<0.1	13	33	<0.1	2.11
K4148	<0.1	11	9	<0.1	1.55
K4149	<0.1	12	30	<0.1	1.70
K4150	<0.1	3	9	<0.1	1.55
K4151	<0.1	15	40	<0.1	21.2
K4152	<0.1	5	10	<0.1	46.8
K4153	<0.1	9	16	<0.1	12.4
K4154	0.20	2	155	0.15	23.2
K4155	0.25	3	124	0.17	35.8
K4156	0.15	3	78	0.17	30.2
K4157	<0.1	3	216	0.14	26.0
K4158	0.17	3	175	0.12	13.9
K4159	0.11	<1	22	<0.1	5.70
K4160	<0.1	2	105	0.11	7.11
K4161	1.60	2	51	<0.1	15.9
K4162	<0.1	4	10	<0.1	1.39
K4163	<0.1	2	108	0.12	7.93
K4164	0.12	10	17	<0.1	0.97
K4165	<0.1	8	10	0.20	0.34
K4166	<0.1	10	14	<0.1	2.53
K4167	<0.1	9	9	<0.1	2.28
K4168	<0.1	12	10	0.15	2.94
K4169	<0.1	26	39	<0.1	1.89

SGS

CERTIFICATE OF ANALYSIS

Work Order: 079523

To: **KSL Exploration Limited**
Attn: Peter Kslexplyuk
Level 10
80 Arthur Street
NORTH SYDNEY
NSW/AUSTRALIA/2060

Date : 13/09/04

Copy 1 to :

P.O. No.	:	
Project No.	:	KLONDIKE
No. of Samples	:	52 Soil
Date Submitted	:	23/08/04
Report Comprises	:	Cover Sheet plus Pages 1 to 12

Distribution of unused material:
Pulps: STORE
Rejects: STORE

Certified By :

Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result
*INF	= Composition of this sample makes detection impossible by this method		

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

SGS

Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
LH4650	6	<10	0.5	1692	<1	15	<10	168	26	143	41	19.6	7.7	33	71	3
LH4651	1	20	<0.1	1059	<1	<10	54	28	81	86	7	4.7	1.2	6	12	3
LH4652	4	12	<0.1	1012	<1	12	36	73	39	149	25	15.3	4.0	20	24	3
LH4653	6	26	<0.1	2552	<1	100	17	115	59	122	19	10.4	4.5	22	47	10
LH4654	8	24	0.4	4805	<1	101	28	740	203	222	63	26.7	17.9	85	356	15
LH4655	7	11	0.2	4812	<1	234	43	253	99	214	62	32.8	12.9	63	102	29
LH4656	2	<10	<0.1	2947	<1	40	21	22	193	108	19	18.6	0.9	5	11	12
LH4657	6	16	0.1	2668	<1	25	31	91	119	179	30	18.7	4.8	24	37	10
LH4658	<1	<10	<0.1	3407	<1	25	18	30	141	114	22	22.8	1.2	7	15	9
LH4659	10	17	0.3	3573	<1	27	<10	110	71	185	24	14.4	3.8	20	63	10
LH4660	<1	<10	<0.1	3829	<1	39	<10	10	136	27	2	3.9	<0.5	1	5	12
LH4661	2	14	<0.1	2522	<1	23	28	57	121	159	32	21.2	3.9	20	22	8
LH4662	2	18	0.2	3362	<1	29	10	255	83	161	43	20.8	9.9	48	102	8
LH4663	7	22	0.3	3592	<1	69	45	348	145	221	60	30.7	14.3	69	151	16
LH4664	9	11	0.3	4698	<1	107	108	133	300	253	172	112	19.6	105	39	36
LH4665	12	<10	0.2	4765	<1	377	26	505	75	264	97	62.6	22.7	107	199	53
LH4666	<1	<10	<0.1	4400	<1	134	19	8	308	362	18	43.6	<0.5	3	4	32
LH4667	1	<10	<0.1	3445	<1	47	41	24	216	342	38	29.7	2.5	15	9	16
LH4668	28	<10	0.3	12470	<1	494	39	329	193	1383	33	23.4	9.1	46	117	50
LH4669	10	12	0.4	10490	<1	268	37	1411	608	1199	169	96.3	47.1	227	559	52
LH4670	10	12	<0.1	3880	<1	57	15	248	137	199	47	23.7	10.5	51	91	22
LH4671	<1	<10	<0.1	2576	<1	24	14	35	128	142	13	9.9	1.0	6	20	15
LH4672	<1	13	<0.1	2830	<1	38	14	110	161	90	13	7.3	2.2	11	43	17
LH4673	2	<10	<0.1	4220	<1	54	15	71	111	421	138	84.5	14.5	78	19	22
LH4674	7	28	0.3	9031	<1	64	12	843	290	879	71	25.6	17.6	91	455	17
LH4675	2	<10	<0.1	4392	<1	40	12	19	197	260	29	28.2	1.4	9	10	18
LH4676	1	<10	<0.1	2553	<1	16	<10	64	58	205	24	12.8	3.3	17	24	8
LH4677	<1	<10	<0.1	2610	<1	22	12	33	104	112	20	17.5	1.5	9	17	11
LH4678	<1	<10	<0.1	2605	<1	<10	<10	20	68	67	11	9.3	0.9	5	10	3
LH4679	<1	<10	<0.1	2644	<1	20	<10	15	67	57	5	5.2	<0.5	2	7	6

SGS

Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
LH4680	1	<10	<0.1	1689	<1	<10	<10	50	54	85	27	19.6	3.1	15	35	5
LH4681	2	<10	<0.1	5818	<1	29	11	48	147	134	10	9.3	0.9	5	28	7
LH4682	2	<10	<0.1	2995	<1	20	15	33	137	188	33	22.7	2.6	14	16	8
LH4683	1	14	<0.1	3319	<1	26	14	38	171	170	19	13.8	1.8	10	18	12
LH4684	3	<10	<0.1	4671	<1	111	33	85	241	541	98	61.3	10.6	60	20	26
LH4685	6	<10	0.2	1116	<1	28	<10	152	37	77	27	14.2	5.8	25	66	9
LH4686	5	15	0.1	3105	<1	46	20	145	102	198	50	28.9	8.6	42	52	16
LH4687	9	13	<0.1	3695	<1	53	14	229	135	185	47	24.3	10.4	51	81	22
LH4688	1	24	<0.1	4581	2	30	27	397	114	263	60	29.0	15.2	66	222	7
LH4689	105	12	<0.1	3452	<1	43	21	87	330	503	26	14.2	4.2	21	35	6
LH4690	36	26	<0.1	5869	<1	83	13	205	146	281	30	17.4	7.4	34	85	10
LH4691	3	25	<0.1	1627	<1	43	<10	33	148	268	16	11.6	2.4	13	13	12
LH4692	7	13	<0.1	5607	2	154	<10	56	178	102	6	4.1	1.4	7	27	14
LH4693	14	<10	<0.1	2270	<1	134	23	82	229	1419	107	78.6	13.4	72	27	7
LH4694	16	34	0.1	5020	2	103	196	189	1080	1938	94	71.9	12.1	58	62	11
LH4695	2	<10	0.1	1088	<1	386	55	139	109	374	44	31.2	9.5	43	32	24
*Blk BLANK	<1	<10	<0.1	<10	<1	<10	<10	<5	<5	<10	<1	<0.5	<0.5	<1	<1	<1
*Std MMISRM14	21	16	41.2	58	<1	259	<10	14	62	919	2	0.9	0.9	4	3	34
LH4696	36	<10	0.5	1609	<1	1140	36	44	79	878	13	7.6	3.9	17	16	22
LH4697	10	<10	0.2	1252	<1	992	205	93	77	593	31	20.7	7.5	35	22	29
LH4698	11	<10	0.4	5072	2	644	935	107	151	1341	58	39.7	12.8	59	42	43
LH4699	25	11	1.2	3145	4	171	402	90	341	1551	35	22.2	8.2	34	33	13
LH4700	10	13	0.3	3333	2	55	149	158	298	501	32	18.5	7.5	32	63	8
LH4701	27	17	0.4	5062	2	96	95	409	324	325	79	39.0	21.3	93	178	9
LH4702	41	16	<0.1	4487	2	141	200	309	236	560	121	75.1	19.2	96	133	14
LH4703	18	27	<0.1	3071	2	81	27	362	45	114	36	17.4	9.6	47	197	9
LH4704	1	10	<0.1	3261	<1	36	10	42	97	56	8	9.1	0.8	4	26	7
LH4705	2	33	<0.1	10580	2	50	32	158	195	146	21	22.0	2.6	15	96	8
LH4706	5	47	0.1	3570	1	22	15	233	63	165	139	92.0	26.9	130	159	4
LH4707	7	55	<0.1	6723	3	41	63	364	242	424	145	98.8	20.7	101	217	7

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Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
LH4708	22	76	0.3	7530	3	46	125	612	447	992	213	140	37.2	184	275	11
LH4709	3	<10	<0.1	4712	<1	106	62	71	286	331	114	76.1	10.4	61	23	21
LH4710	3	<10	<0.1	11850	<1	958	208	1235	36	233	250	151	57.7	293	276	57
LH4711	<1	<10	<0.1	7567	<1	174	102	52	641	332	153	144	7.4	47	17	29
LH4712	9	<10	<0.1	4232	<1	315	60	74	176	502	33	23.9	4.3	24	32	20
LH4713	3	14	<0.1	6602	2	272	130	105	544	278	93	80.4	10.1	56	41	38
LH4714	4	<10	<0.1	2188	<1	37	<10	7	98	61	5	6.0	<0.5	2	4	10
LH4715	12	17	0.3	3676	2	57	137	179	253	511	31	17.7	7.5	32	76	9
LH4716	1	14	<0.1	11050	<1	867	254	1083	83	293	291	198	58.7	300	277	53
LH4717	14	12	<0.1	3902	<1	176	43	43	157	226	22	12.2	2.3	13	16	15
LH4718	168	77	<0.1	4294	2	62	48	109	178	237	30	15.5	5.0	26	92	15
LH4719	23	14	<0.1	2888	<1	75	<10	71	209	150	17	9.7	3.2	16	40	25
LH4720	114	28	0.6	2344	<1	<10	<10	294	332	554	71	34.4	12.0	53	95	7
LH4721	87	<10	0.1	969	<1	24	<10	338	64	182	79	42.2	15.9	74	175	6
LH4722	37	<10	<0.1	3568	<1	49	26	23	422	484	24	21.4	1.3	8	11	10
LH4723	46	11	<0.1	2530	<1	61	<10	33	195	266	18	12.2	2.3	11	13	16
LH4724	117	72	0.2	4031	<1	31	29	103	139	298	22	11.4	4.7	22	65	14
LH4725	17	<10	<0.1	10230	<1	128	<10	16	737	282	10	10.8	<0.5	3	10	40
LH4726	35	<10	<0.1	2149	<1	129	11	73	79	110	22	11.3	4.1	20	32	30
LH4727	16	39	<0.1	5466	<1	75	43	140	196	294	78	45.9	10.8	52	76	18
LH4728	70	132	<0.1	5786	<1	76	27	186	72	174	49	23.9	10.9	53	142	22
LH4729	44	18	<0.1	2721	<1	133	10	81	219	156	33	19.0	5.6	29	46	18
*Dup LH4650	6	10	0.5	1528	<1	14	<10	146	29	119	36	17.5	6.7	29	59	3
*Dup LH4662	2	26	0.2	3617	<1	28	12	253	88	165	40	19.6	9.8	48	106	9
*Dup LH4674	8	30	0.3	9592	<1	71	12	963	258	812	69	24.9	18.0	90	543	18
*Dup LH4686	4	13	0.1	3256	<1	49	21	117	113	188	50	30.3	8.0	41	40	17
*Dup LH4698	14	<10	0.4	5683	2	631	832	113	156	1595	57	39.3	12.2	55	46	44
*Dup LH4710	4	<10	0.1	10930	<1	928	204	1311	36	270	250	147	58.5	297	292	55
*Dup LH4722	36	<10	<0.1	3629	<1	56	27	22	422	489	27	23.7	1.5	9	9	10
*Blk BLANK	<1	<10	<0.1	<10	<1	<10	<10	<5	<5	<10	<1	<0.5	<0.5	<1	<1	<1

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Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
*Std MMISRM14	21	16	42.0	75	<1	261	<10	15	61	924	2	1.0	0.9	4	3	35

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Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH4650	<5	1.6	100	67	522	1	24	58	<1	25	<1	83	<1	23.2	740	<0.5
LH4651	<5	6.2	14	63	124	<1	3	39	<1	4	1	71	<1	17.3	3370	<0.5
LH4652	<5	4.8	53	71	288	<1	11	30	<1	14	<1	92	<1	26.8	1470	<0.5
LH4653	<5	4.4	67	79	239	1	15	55	1	18	1	285	<1	35.6	2590	<0.5
LH4654	<5	3.9	374	93	390	2	91	25	1	76	<1	353	<1	94.1	2180	<0.5
LH4655	<5	1.0	178	184	253	<1	37	36	<1	48	<1	883	<1	45.4	374	<0.5
LH4656	<5	1.4	10	111	89	<1	3	11	<1	3	<1	351	1	16.7	274	<0.5
LH4657	<5	3.7	64	118	190	<1	14	33	<1	18	<1	227	<1	31.4	1420	<0.5
LH4658	<5	2.4	14	110	49	<1	4	30	<1	4	<1	289	<1	21.3	418	<0.5
LH4659	<5	3.0	55	108	223	1	13	54	1	15	<1	219	<1	39.8	1520	<0.5
LH4660	<5	<0.5	3	98	<10	<1	1	27	<1	1	<1	424	<1	5.7	128	<0.5
LH4661	<5	2.8	43	121	185	<1	9	41	<1	13	<1	228	<1	29.0	1240	<0.5
LH4662	<5	3.4	168	116	218	1	37	65	1	40	<1	240	<1	35.6	1770	<0.5
LH4663	<5	3.5	227	176	202	1	49	29	1	58	<1	305	<1	43.4	1690	<0.5
LH4664	<5	2.1	169	342	277	<1	28	104	<1	65	<1	698	<1	56.5	1060	<0.5
LH4665	<5	<0.5	309	334	85	<1	64	30	<1	82	<1	1835	<1	32.4	95	<0.5
LH4666	<5	<0.5	3	254	14	<1	1	32	<1	2	<1	1225	<1	8.7	7	<0.5
LH4667	<5	1.3	19	183	129	<1	4	58	<1	7	<1	403	<1	27.1	547	<0.5
LH4668	<5	<0.5	173	1329	20	<1	38	9	<1	40	<1	2218	<1	9.6	<3	<0.5
LH4669	<5	0.8	805	1305	179	1	180	34	1	190	<1	1583	<1	49.6	271	<0.5
LH4670	<5	2.2	180	244	351	<1	39	67	<1	43	<1	421	<1	26.7	937	<0.5
LH4671	<5	3.5	14	167	104	<1	4	58	<1	4	<1	236	<1	20.5	1440	<0.5
LH4672	<5	7.4	43	124	254	<1	10	50	1	9	<1	259	<1	31.8	3400	<0.5
LH4673	<5	0.7	107	233	248	<1	16	56	<1	47	<1	395	<1	24.5	299	<0.5
LH4674	<5	2.2	371	278	291	2	102	70	2	72	<1	342	<1	59.9	774	0.6
LH4675	<5	0.9	11	171	119	<1	3	38	<1	5	<1	371	<1	14.5	252	<0.5
LH4676	<5	2.3	42	115	237	<1	9	62	<1	12	<1	133	<1	21.7	852	<0.5
LH4677	<5	2.5	18	103	146	<1	4	47	<1	6	<1	173	<1	26.9	1340	<0.5
LH4678	<5	14.8	9	75	117	<1	2	69	<1	3	<1	92	<1	24.4	2840	<0.5
LH4679	<5	5.5	5	68	53	<1	2	45	<1	2	<1	204	<1	9.6	2710	<0.5

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Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH4680	<5	4.7	36	63	497	<1	8	51	<1	11	<1	71	<1	42.9	2130	<0.5
LH4681	<5	7.2	19	169	80	<1	5	126	<1	5	<1	446	<1	23.8	2090	<0.5
LH4682	<5	2.0	21	133	179	<1	5	63	<1	8	<1	199	<1	24.4	785	<0.5
LH4683	<5	4.3	22	169	211	<1	5	31	<1	7	<1	310	<1	26.9	1260	<0.5
LH4684	<5	<0.5	101	345	492	<1	17	56	<1	37	<1	927	<1	15.9	81	<0.5
LH4685	<5	1.7	93	60	377	<1	22	55	<1	20	<1	131	<1	14.1	1090	<0.5
LH4686	<5	2.2	116	170	224	<1	24	39	<1	32	<1	361	<1	28.0	1080	<0.5
LH4687	<5	1.9	173	232	342	<1	37	67	<1	42	<1	390	<1	25.6	819	<0.5
LH4688	<5	12.7	263	178	1025	2	63	94	1	61	2	186	<1	116	5770	<0.5
LH4689	<5	2.7	57	210	335	<1	13	135	<1	15	<1	263	<1	16.8	1520	<0.5
LH4690	9	16.1	125	284	255	1	28	89	<1	30	2	293	<1	28.3	7520	<0.5
LH4691	<5	4.8	31	190	164	<1	6	26	<1	9	<1	259	<1	18.5	2000	<0.5
LH4692	6	8.2	27	333	13	<1	7	196	<1	6	2	1004	<1	23.5	2910	<0.5
LH4693	<5	1.0	108	328	272	<1	18	48	<1	43	<1	410	<1	15.9	405	<0.5
LH4694	9	4.3	112	486	584	2	23	37	2	41	1	403	<1	87.8	2310	<0.5
LH4695	<5	<0.5	81	116	240	<1	15	12	<1	30	<1	687	<1	10.1	71	<0.5
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<5	<1	<1	<1	<10	<1	<0.5	<3	<0.5
*Std MMISRM14	43	<0.5	10	384	125	57	2	323	1	4	<1	543	<1	17.6	5	<0.5
LH4696	<5	<0.5	37	282	13	<1	7	21	<1	13	<1	1587	<1	8.4	33	<0.5
LH4697	<5	0.7	61	175	109	<1	11	27	<1	23	<1	1512	<1	6.1	93	<0.5
LH4698	<5	0.5	104	121	528	<1	20	36	<1	40	<1	1327	<1	17.4	243	<0.5
LH4699	<5	1.1	72	92	1951	<1	14	22	<1	26	<1	429	<1	34.3	426	<0.5
LH4700	<5	1.9	91	102	1628	<1	21	16	<1	27	<1	172	1	83.8	555	<0.5
LH4701	<5	1.5	305	108	1046	<1	66	48	<1	81	<1	254	1	90.8	428	<0.5
LH4702	<5	4.1	254	252	1164	<1	52	95	<1	73	<1	516	<1	115	1380	<0.5
LH4703	<5	3.4	197	78	277	<1	48	60	<1	42	2	205	<1	40.8	2030	<0.5
LH4704	<5	2.2	17	92	50	<1	5	27	<1	4	<1	276	<1	32.7	604	<0.5
LH4705	<5	11.7	66	204	230	1	19	165	<1	14	2	526	<1	112	3400	0.7
LH4706	<5	7.6	335	131	339	2	65	64	1	107	2	168	<1	109	3100	<0.5
LH4707	10	10.1	282	316	398	3	66	150	2	82	2	335	<1	143	3220	<0.5

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Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH4708	7	9.0	502	593	754	3	107	38	2	147	1	353	<1	200	2730	<0.5
LH4709	<5	<0.5	86	154	332	<1	15	6	<1	34	<1	619	<1	37.0	102	<0.5
LH4710	<5	<0.5	638	689	70	<1	122	28	<1	212	<1	4280	<1	15.5	51	<0.5
LH4711	<5	<0.5	52	212	213	<1	9	<5	<1	24	<1	1395	<1	36.7	103	<0.5
LH4712	<5	<0.5	52	274	114	<1	11	11	<1	16	<1	1807	<1	16.0	22	<0.5
LH4713	<5	1.8	96	295	451	<1	18	48	<1	35	<1	1613	<1	77.6	695	<0.5
LH4714	<5	1.4	2	135	23	<1	<1	25	<1	1	<1	279	<1	3.3	485	<0.5
LH4715	<5	2.4	99	101	1465	<1	23	20	<1	27	<1	192	<1	85.2	751	<0.5
LH4716	<5	<0.5	628	504	89	<1	122	35	<1	209	<1	4017	<1	24.0	127	<0.5
LH4717	<5	1.1	22	204	167	<1	5	12	<1	7	<1	798	<1	9.5	882	<0.5
LH4718	6	7.1	66	229	635	<1	17	86	2	17	2	349	<1	21.0	3670	<0.5
LH4719	<5	2.8	48	247	294	<1	12	27	<1	11	<1	508	<1	8.0	1380	<0.5
LH4720	<5	1.5	152	191	621	1	35	85	<1	39	<1	30	<1	50.2	780	<0.5
LH4721	<5	<0.5	253	144	439	<1	61	56	<1	54	<1	153	<1	14.4	109	<0.5
LH4722	<5	0.7	11	338	122	<1	3	63	<1	4	<1	397	<1	10.9	299	0.6
LH4723	<5	1.0	22	197	185	<1	5	23	<1	7	<1	446	<1	11.6	530	<0.5
LH4724	<5	5.1	72	213	401	<1	17	84	1	17	2	248	1	20.5	2760	<0.5
LH4725	<5	0.8	7	296	71	<1	2	75	<1	2	<1	1013	<1	9.8	319	<0.5
LH4726	<5	<0.5	55	130	243	<1	13	12	<1	13	<1	664	<1	5.5	173	<0.5
LH4727	<5	2.6	125	252	270	<1	27	36	<1	38	<1	525	<1	56.7	1390	<0.5
LH4728	<5	4.0	155	322	491	<1	36	23	1	39	1	450	<1	13.6	2180	<0.5
LH4729	<5	<0.5	76	210	209	<1	17	18	<1	19	<1	637	<1	10.0	238	<0.5
*Dup LH4650	<5	1.8	88	69	494	<1	20	63	<1	21	<1	76	<1	19.9	935	<0.5
*Dup LH4662	<5	5.0	166	119	229	1	36	68	2	39	1	229	<1	38.0	2570	<0.5
*Dup LH4674	<5	2.5	404	278	290	2	111	75	2	75	<1	358	<1	59.2	983	0.7
*Dup LH4686	<5	2.3	101	170	226	<1	20	40	<1	29	<1	397	<1	23.3	1130	<0.5
*Dup LH4698	<5	0.5	103	131	585	<1	20	35	<1	38	1	1361	<1	19.4	332	<0.5
*Dup LH4710	<5	<0.5	658	707	63	<1	129	30	<1	218	<1	4146	<1	16.6	64	<0.5
*Dup LH4722	<5	<0.5	11	333	113	<1	3	66	<1	4	<1	456	<1	10.2	208	0.6
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<5	<1	<1	<1	<10	<1	<0.5	<3	<0.5

SGS

Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM14	42	<0.5	10	385	126	58	2	322	1	4	<1	551	<1	18.1	<3	<0.5

SGS

Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
LH4650	12	<1	178	14	26	57
LH4651	5	<1	32	4	168	53
LH4652	5	<1	139	10	132	59
LH4653	7	<1	93	8	275	93
LH4654	18	<1	313	18	300	181
LH4655	15	<1	327	26	213	76
LH4656	9	<1	92	20	353	26
LH4657	11	<1	150	15	413	76
LH4658	12	<1	103	27	89	45
LH4659	11	<1	119	11	178	81
LH4660	6	<1	9	8	57	14
LH4661	12	<1	157	17	475	63
LH4662	17	<1	215	15	382	93
LH4663	20	<1	300	24	361	80
LH4664	23	<1	823	98	1650	65
LH4665	10	<1	589	58	358	52
LH4666	10	<1	91	74	123	8
LH4667	10	<1	184	25	334	39
LH4668	11	<1	161	21	263	14
LH4669	30	<1	1078	77	675	93
LH4670	6	<1	244	17	327	42
LH4671	4	<1	64	8	291	28
LH4672	4	<1	66	5	472	35
LH4673	14	<1	642	61	362	19
LH4674	19	<1	315	16	528	124
LH4675	7	<1	147	26	349	21
LH4676	6	<1	108	9	228	47
LH4677	5	<1	95	15	323	33
LH4678	5	<1	49	9	211	56
LH4679	3	<1	27	6	367	31

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Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
LH4680	5	<1	123	14	147	53
LH4681	14	<1	46	11	184	65
LH4682	8	<1	153	17	183	37
LH4683	12	<1	94	12	441	45
LH4684	16	<1	481	41	885	9
LH4685	6	<1	140	10	39	35
LH4686	13	<1	254	24	227	62
LH4687	6	<1	242	17	334	38
LH4688	14	<1	236	20	435	181
LH4689	6	<1	132	10	269	64
LH4690	10	<1	148	14	367	117
LH4691	7	<1	93	11	85	41
LH4692	11	<1	28	5	80	69
LH4693	15	<1	705	73	71	22
LH4694	29	<1	479	71	502	133
LH4695	15	<1	247	31	155	17
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Std MMISRM14	39	<1	9	<1	363	13
LH4696	15	<1	58	8	60	11
LH4697	12	<1	166	20	711	27
LH4698	14	<1	301	40	9830	26
LH4699	15	<1	153	20	2231	29
LH4700	13	<1	148	17	1096	31
LH4701	11	<1	391	28	507	35
LH4702	25	<1	595	59	1177	68
LH4703	7	<1	178	12	130	47
LH4704	6	<1	41	13	195	32
LH4705	31	<1	99	24	215	124
LH4706	16	<1	645	86	209	116
LH4707	43	<1	600	92	747	246

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Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
LH4708	64	<1	985	123	761	250
LH4709	25	<1	588	59	813	23
LH4710	98	<1	1443	116	2013	36
LH4711	32	<1	943	135	1210	20
LH4712	19	<1	178	19	688	9
LH4713	50	<1	502	79	1103	74
LH4714	2	<1	27	8	105	12
LH4715	14	<1	138	15	1038	37
LH4716	103	<1	2017	159	2507	47
LH4717	3	<1	140	8	306	23
LH4718	5	<1	175	10	477	58
LH4719	3	<1	114	6	70	24
LH4720	24	<1	309	24	58	99
LH4721	5	<1	475	29	25	13
LH4722	7	<1	135	20	74	29
LH4723	2	<1	103	9	43	17
LH4724	4	<1	123	8	175	58
LH4725	5	<1	51	11	100	21
LH4726	2	<1	144	7	28	9
LH4727	17	<1	375	33	171	55
LH4728	4	<1	304	15	160	32
LH4729	4	<1	218	13	45	14
*Dup LH4650	10	<1	162	13	29	58
*Dup LH4662	16	<1	201	14	412	114
*Dup LH4674	18	<1	305	15	547	129
*Dup LH4686	11	<1	264	25	268	53
*Dup LH4698	17	<1	293	39	8853	29
*Dup LH4710	97	<1	1446	115	1965	38
*Dup LH4722	6	<1	149	21	61	27
*Blk BLANK	<1	<1	<5	<1	<20	<5

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Work Order: 079523 **Date:** 13/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM14	40	<1	10	<1	379	12

SGS

CERTIFICATE OF ANALYSIS

Work Order: 079524

To: **KSL Exploration Limited**
Attn: Peter Kslexplyuk
Level 10
80 Arthur Street
NORTH SYDNEY
NSW/AUSTRALIA/2060

Date : 27/09/04

Copy 1 to :

P.O. No. :
Project No. : KLONDIKE
No. of Samples : 52 Soil
Date Submitted : 23/08/04
Report Comprises : Cover Sheet plus
Pages 1 to 9

Distribution of unused material:
Pulps: STORE
Rejects: STORE

Certified By :

Tim Elliott, Operations Manager

ISO 9002 REGISTERED

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:
L.N.R. = Listed not received
I.S. = Insufficient Sample
n.a. = Not applicable
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
LH4730	43	<10	0.2	2237	<1	108	<10	123	96	137	27	14.3	4.6	22	54	22
LH4731	10	14	0.1	2943	<1	94	15	96	211	116	16	8.9	3.1	15	34	12
LH4732	<1	<10	<0.1	4593	<1	118	35	13	221	23	2	1.5	<0.5	1	7	29
LH4733	20	10	0.2	7780	<1	279	<10	605	60	234	59	29.6	13.6	66	276	26
LH4734	39	21	0.3	5799	<1	116	<10	1286	55	175	276	139	64.9	300	864	12
LH4735	16	<10	0.2	3527	<1	110	<10	442	201	202	97	47.2	19.3	94	179	24
LH4736	98	29	0.6	2070	<1	<10	<10	286	296	460	56	28.3	9.5	43	118	4
LH4737	31	<10	0.1	2071	<1	117	17	66	128	116	20	11.3	3.0	16	29	22
LH4738	1	<10	0.2	2160	<1	53	<10	49	47	33	2	1.0	0.5	3	19	8
LH4739	3	<10	<0.1	554	<1	<10	11	19	62	78	6	5.5	0.9	4	9	1
LH4740	<1	<10	<0.1	2058	<1	13	<10	14	63	40	2	2.1	<0.5	1	7	5
LH4741	3	<10	<0.1	1785	<1	27	21	63	154	122	26	14.9	5.0	24	25	7
LH4742	<1	<10	<0.1	2420	<1	164	<10	29	93	369	6	4.1	0.9	5	13	35
LH4743	7	<10	0.4	4348	<1	226	<10	450	828	546	70	40.9	16.7	83	198	21
LH4744	7	<10	<0.1	3574	<1	321	56	161	52	150	27	28.4	4.1	21	38	10
LH4745	8	<10	0.2	4470	<1	409	15	103	52	153	9	11.3	1.7	10	44	10
LH4746	<1	<10	<0.1	2188	<1	424	51	64	23	48	18	10.2	4.9	24	26	25
LH4747	3	<10	0.1	1712	<1	268	53	12	190	210	3	6.7	<0.5	2	5	11
LH4748	4	<10	0.2	3756	<1	322	42	81	55	180	17	18.5	1.9	12	34	11
LH4749	8	<10	0.2	3037	<1	304	33	6	203	1926	<1	1.1	<0.5	<1	2	12
LH4750	3	<10	0.3	1888	<1	359	74	212	29	238	17	17.5	3.9	20	24	8
LH4751	3	<10	0.2	437	<1	222	53	25	15	154	3	4.2	0.5	3	3	9
LH4752	13	<10	0.5	3306	<1	253	11	325	213	872	77	35.8	20.9	98	133	26
LH4753	32	<10	2.9	1570	<1	430	25	41	14	968	23	19.4	6.1	28	21	21
LH4754	<1	<10	0.1	81	<1	118	29	<5	9	213	1	0.9	<0.5	1	<1	20
LH4755	2	<10	<0.1	353	<1	294	16	7	5	64	2	2.1	0.6	3	3	14
LH4756	1	<10	<0.1	1431	<1	330	34	59	12	87	11	5.7	2.8	14	15	25
LH4757	2	<10	<0.1	1832	<1	333	62	171	15	248	29	16.7	7.0	35	33	24
LH4758	3	<10	<0.1	753	<1	<10	12	16	61	133	6	5.3	0.6	2	8	2
LH4759	<1	<10	0.3	2354	<1	306	47	67	149	255	26	15.9	5.0	24	23	24

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
LH4760	8	69	0.1	3628	4	35	48	431	158	248	96	47.4	24.0	106	322	6
LH4761	1	<10	0.1	3794	<1	377	359	377	85	182	54	30.7	14.7	68	117	19
LH4762	2	23	0.2	5328	1	200	568	267	360	743	81	50.8	17.6	81	115	16
LH4763	2	18	0.2	5481	1	188	410	100	478	918	56	50.1	7.1	35	50	19
LH4764	1	22	0.3	1925	<1	163	476	633	644	530	132	69.2	32.9	147	304	17
LH4765	27	21	0.3	5981	<1	334	321	605	121	317	67	33.1	18.5	90	227	26
LH4766	11	<10	0.4	3444	<1	324	455	577	71	509	101	49.7	29.1	136	280	14
LH4767	<1	27	0.5	2311	<1	361	12	155	547	1758	17	8.8	5.6	25	63	13
LH4768	<1	<10	0.2	3651	<1	264	74	121	623	594	16	10.5	4.6	21	44	11
LH4769	5	<10	0.2	3210	<1	348	164	70	37	317	9	9.4	2.1	11	29	11
LH4770	<1	<10	<0.1	2603	<1	337	123	62	43	83	9	6.1	2.2	12	22	19
LH4771	9	<10	0.2	2676	<1	239	168	105	16	302	10	12.0	2.1	11	38	9
LH4772	2	46	0.4	4367	<1	266	34	159	459	2749	20	11.8	5.4	25	59	21
LH4773	5	<10	0.1	2097	<1	319	232	30	11	181	4	4.8	0.8	5	11	9
LH4774	6	<10	0.3	1084	<1	302	84	16	16	320	5	4.3	1.0	5	6	8
LH4775	1	<10	<0.1	302	<1	547	54	7	22	170	3	1.8	0.8	3	3	10
*Blk BLANK	<1	<10	<0.1	<10	<1	<10	<10	<5	<5	<10	<1	<0.5	<0.5	<1	<1	<1
*Std MMISRM14	21	14	49.6	45	<1	269	<10	31	54	815	3	1.0	1.0	5	4	34
LH4776	3	<10	<0.1	92	<1	231	29	<5	15	138	2	1.1	<0.5	2	1	12
LH4777	<1	<10	0.1	226	<1	454	37	8	22	149	5	3.2	1.1	5	4	14
LH4778	1	<10	<0.1	<10	<1	96	58	<5	10	208	<1	<0.5	<0.5	<1	<1	15
LH4779	6	<10	0.3	174	<1	311	<10	7	87	1504	<1	0.6	<0.5	1	3	10
LH4780	2	32	<0.1	3205	3	43	21	94	132	124	39	28.7	5.7	28	68	8
LH4781	<1	<10	0.1	2900	<1	379	150	89	42	87	13	7.1	3.1	17	33	25
*Dup LH4730	45	<10	0.2	2521	<1	100	<10	109	87	135	25	13.4	4.3	21	48	20
*Dup LH4742	<1	<10	<0.1	2072	<1	147	<10	17	81	362	4	2.9	<0.5	3	10	29
*Dup LH4754	<1	<10	<0.1	53	<1	101	25	<5	12	181	1	0.8	<0.5	1	<1	17
*Dup LH4766	13	11	0.4	3289	<1	315	523	531	84	531	93	47.7	26.0	121	246	14
*Dup LH4778	1	<10	<0.1	15	<1	76	67	<5	8	188	<1	<0.5	<0.5	<1	<1	15
*Blk BLANK	<1	<10	<0.1	<10	<1	<10	<10	<5	<5	<10	<1	<0.5	<0.5	<1	<1	<1

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu	Dy	Er	Eu	Gd	La	Mg
Method.	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
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10	1	0.5	0.5	1	1	1
Units.	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm
*Std MMISRM14	20	15	48.2	39	<1	269	<10	19	53	800	3	0.9	1.1	5	4	32

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH4730	<5	0.7	72	129	666	<1	17	51	<1	16	<1	477	3	11.1	260	<0.5
LH4731	<5	1.4	46	101	406	<1	10	38	<1	11	<1	338	4	15.8	571	<0.5
LH4732	<5	0.8	6	118	18	<1	2	37	<1	1	<1	1022	3	4.4	119	<0.5
LH4733	<5	1.2	256	118	296	<1	64	42	<1	54	<1	977	3	37.9	577	<0.5
LH4734	<5	1.3	1030	107	477	<1	237	69	<1	243	<1	450	2	72.0	584	<0.5
LH4735	<5	0.7	329	150	390	<1	73	43	<1	73	<1	568	2	25.8	281	<0.5
LH4736	<5	1.8	144	196	661	1	35	67	<1	33	<1	20	2	52.6	890	<0.5
LH4737	<5	0.6	44	124	455	<1	10	27	<1	10	<1	589	2	6.6	181	<0.5
LH4738	<5	2.6	16	105	13	<1	4	45	<1	3	<1	290	4	11.0	541	<0.5
LH4739	<5	4.3	10	86	100	<1	2	20	<1	3	<1	69	17	10.1	1660	<0.5
LH4740	<5	1.8	6	74	21	<1	1	15	<1	1	<1	259	7	7.5	641	<0.5
LH4741	<5	1.9	59	121	149	<1	11	55	<1	17	<1	200	5	12.3	859	<0.5
LH4742	5	1.2	15	100	13	<1	3	23	<1	4	<1	1008	3	7.7	245	<0.5
LH4743	<5	0.7	286	225	49	<1	65	50	<1	67	<1	1306	2	21.3	220	<0.5
LH4744	<5	<0.5	68	192	48	<1	14	31	<1	16	<1	1288	2	4.8	6	<0.5
LH4745	<5	<0.5	50	209	30	<1	12	18	<1	9	<1	1711	1	1.5	<3	<0.5
LH4746	<5	<0.5	57	101	28	<1	11	12	<1	18	<1	1231	1	2.4	20	<0.5
LH4747	<5	<0.5	8	271	<10	<1	2	15	<1	2	<1	1358	<1	0.6	<3	<0.5
LH4748	<5	<0.5	43	246	43	<1	10	15	<1	9	<1	1308	<1	1.5	<3	<0.5
LH4749	7	<0.5	3	729	<10	<1	<1	17	<1	<1	<1	1354	2	<0.5	<3	<0.5
LH4750	<5	<0.5	56	365	<10	<1	11	11	<1	16	<1	1354	1	1.2	<3	<0.5
LH4751	<5	<0.5	6	191	<10	<1	1	7	<1	2	<1	576	1	<0.5	<3	<0.5
LH4752	<5	<0.5	271	334	123	<1	56	75	<1	77	<1	576	<1	17.4	91	<0.5
LH4753	<5	<0.5	53	207	10	<1	10	5	<1	19	<1	1143	<1	2.2	<3	<0.5
LH4754	<5	<0.5	2	108	<10	<1	<1	14	<1	<1	<1	297	<1	<0.5	<3	<0.5
LH4755	<5	<0.5	7	111	<10	<1	1	9	<1	2	<1	540	<1	<0.5	<3	<0.5
LH4756	12	<0.5	33	272	46	<1	6	9	<1	10	<1	926	<1	2.3	24	<0.5
LH4757	<5	<0.5	79	469	33	<1	15	20	<1	26	<1	886	<1	5.0	17	<0.5
LH4758	<5	2.3	7	76	89	<1	2	19	<1	2	<1	99	<1	10.9	1220	<0.5
LH4759	6	<0.5	56	399	<10	<1	11	8	<1	18	<1	1258	<1	6.9	67	<0.5

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
LH4760	8	2.6	398	144	247	1	98	14	<1	99	<1	213	<1	217	859	<0.5
LH4761	<5	<0.5	209	184	111	<1	47	30	<1	56	<1	1072	<1	29.8	59	<0.5
LH4762	<5	0.9	219	256	529	<1	47	9	<1	65	<1	706	<1	140	430	<0.5
LH4763	<5	1.0	85	203	193	<1	18	17	<1	26	<1	1002	<1	92.4	320	<0.5
LH4764	6	0.7	497	344	103	<1	116	104	<1	131	<1	365	<1	120	339	<0.5
LH4765	<5	0.7	330	256	498	<1	76	37	<1	80	<1	1006	<1	71.6	306	<0.5
LH4766	<5	<0.5	451	166	501	<1	103	10	<1	119	<1	696	<1	49.3	96	<0.5
LH4767	12	<0.5	108	221	39	<1	24	<5	<1	24	<1	1004	<1	20.0	57	<0.5
LH4768	12	<0.5	83	401	<10	<1	18	<5	<1	19	<1	876	<1	7.7	36	<0.5
LH4769	<5	<0.5	37	582	31	<1	9	<5	<1	9	<1	1025	<1	2.4	<3	<0.5
LH4770	6	<0.5	34	276	42	<1	7	13	<1	9	<1	1085	<1	4.0	5	<0.5
LH4771	<5	<0.5	48	695	25	<1	11	12	<1	9	<1	565	<1	2.1	<3	<0.5
LH4772	20	1.0	99	725	45	<1	22	<5	2	24	<1	598	<1	34.1	232	<0.5
LH4773	<5	<0.5	16	594	22	<1	3	7	<1	4	<1	606	<1	0.9	<3	<0.5
LH4774	<5	<0.5	12	173	29	<1	2	<5	<1	4	<1	354	<1	1.0	<3	<0.5
LH4775	<5	<0.5	6	65	54	<1	1	8	<1	2	<1	419	<1	0.6	4	<0.5
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<5	<1	<1	<1	<10	<1	<0.5	<3	<0.5
*Std MMISRM14	36	<0.5	15	325	142	48	3	301	<1	4	<1	539	<1	17.8	<3	<0.5
LH4776	<5	<0.5	3	97	<10	<1	<1	<5	<1	1	<1	327	3	1.6	3	<0.5
LH4777	<5	<0.5	8	96	18	<1	2	8	<1	3	<1	332	5	2.4	5	<0.5
LH4778	<5	<0.5	<1	70	<10	<1	<1	13	<1	<1	<1	205	2	<0.5	3	<0.5
LH4779	8	<0.5	4	84	<10	<1	<1	<5	<1	1	<1	350	2	1.9	9	<0.5
LH4780	<5	0.9	84	105	82	<1	20	13	<1	23	<1	249	2	89.7	279	<0.5
LH4781	5	<0.5	51	249	72	<1	11	13	<1	13	<1	1130	1	7.8	12	<0.5
*Dup LH4730	<5	<0.5	65	117	622	<1	15	49	<1	16	<1	495	2	9.9	234	<0.5
*Dup LH4742	<5	0.7	8	85	11	<1	2	20	<1	2	<1	984	2	7.0	227	<0.5
*Dup LH4754	<5	<0.5	2	100	<10	<1	<1	12	<1	<1	<1	278	<1	<0.5	4	<0.5
*Dup LH4766	<5	<0.5	402	165	578	<1	92	9	<1	106	<1	643	<1	48.3	92	<0.5
*Dup LH4778	<5	<0.5	<1	60	<10	<1	<1	15	<1	<1	<1	195	<1	<0.5	4	<0.5
*Blk BLANK	<5	<0.5	<1	<5	<10	<1	<1	<5	<1	<1	<1	<10	<1	<0.5	<3	<0.5

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th	Ti	Tl
Method.	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
Det.Lim.	5	0.5	1	5	10	1	1	5	1	1	1	10	1	0.5	3	0.5
Units.	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM14	35	<0.5	15	324	138	47	2	289	<1	4	<1	511	<1	17.3	<3	<0.5

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
LH4730	3	1	155	10	41	19
LH4731	6	<1	80	7	59	33
LH4732	2	<1	11	2	54	15
LH4733	10	<1	313	22	40	45
LH4734	17	<1	1917	95	40	71
LH4735	12	<1	478	30	32	27
LH4736	21	<1	252	20	80	105
LH4737	2	<1	112	8	49	16
LH4738	4	4	8	<1	129	28
LH4739	5	5	35	5	61	28
LH4740	3	2	11	3	28	19
LH4741	6	1	158	13	313	28
LH4742	8	2	36	3	62	21
LH4743	39	1	424	31	79	34
LH4744	19	<1	158	28	489	<5
LH4745	7	<1	50	13	157	<5
LH4746	4	<1	115	9	1334	7
LH4747	10	<1	22	11	594	<5
LH4748	9	<1	96	18	576	<5
LH4749	9	<1	<5	2	228	<5
LH4750	22	<1	104	22	803	<5
LH4751	11	<1	18	5	570	<5
LH4752	23	<1	423	25	85	23
LH4753	9	<1	150	23	46	<5
LH4754	6	<1	7	<1	444	<5
LH4755	3	<1	17	2	146	<5
LH4756	4	<1	68	5	862	11
LH4757	11	<1	192	15	1128	15
LH4758	4	<1	31	5	59	26
LH4759	28	<1	155	17	430	24

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
LH4760	41	<1	399	45	465	77
LH4761	24	<1	295	28	5178	17
LH4762	41	<1	417	47	4147	66
LH4763	33	<1	317	52	1297	40
LH4764	82	<1	829	62	2535	63
LH4765	20	<1	353	28	1461	43
LH4766	28	<1	508	40	2905	29
LH4767	18	<1	94	9	144	15
LH4768	5	<1	116	11	413	10
LH4769	23	<1	53	11	2115	<5
LH4770	10	<1	51	6	1051	<5
LH4771	22	<1	54	14	1092	<5
LH4772	23	<1	103	12	267	46
LH4773	6	<1	23	6	1869	<5
LH4774	9	<1	29	6	385	<5
LH4775	1	<1	17	2	131	<5
*Blk BLANK	<1	<1	<5	<1	<20	<5
*Std MMISRM14	37	<1	12	<1	374	15
LH4776	3	<1	10	1	171	<5
LH4777	4	<1	30	4	130	<5
LH4778	2	<1	<5	<1	891	<5
LH4779	3	<1	7	<1	67	<5
LH4780	23	<1	175	41	160	31
LH4781	9	<1	70	6	850	<5
*Dup LH4730	3	<1	149	10	32	17
*Dup LH4742	7	<1	30	2	44	18
*Dup LH4754	5	<1	7	<1	385	<5
*Dup LH4766	29	<1	456	39	2657	30
*Dup LH4778	1	<1	<5	<1	964	9
*Blk BLANK	<1	<1	<5	<1	<20	<5

SGS

Work Order: 079524 **Date:** 27/09/04 **FINAL**

Element.	U	W	Y	Yb	Zn	Zr
Method.	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	5	1	20	5
Units.	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM14	36	<1	11	<1	357	13

ALS Chemex
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212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: KSL EXPLORATION (YUKON) LTD
PO BOX 959
DAWSON CITY YT Y0B 1G0

Page: 1
Date: 6-JUL-2004
Account: KSLEXP

CERTIFICATE VA04037886

Project: Klondike

P.O. No.:

This report is for 214 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUN-2004.

The following have access to data associated with this certificate:

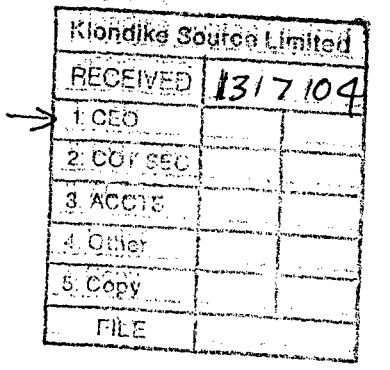
ROBERT ADAMSON	R ADAMSON	PETER LUDWIDG

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

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



To: KSL EXPLORATION (YUKON) LTD
ATTN: PETER LUDWIDG
LEVEL 10
80 ARTHUR STREET
NORTH SYDNEY NSW 2060 AUSTRALI

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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PO BOX 959
DAWSON CITY YT Y0B 1G0

Date: 6-JUL-2004
Account: KSLEXP

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
LK-4001		0.32	0.004	<0.2	1.36	9	<10	90	<0.5	<2	0.08	<0.5	8	19	24	2.98
LK-4002		0.30	0.002	<0.2	1.68	2	<10	160	<0.5	<2	0.26	<0.5	16	22	24	3.31
LK-4003		0.22	0.001	<0.2	1.66	6	<10	140	<0.5	<2	0.10	<0.5	10	26	21	2.92
LK-4004		0.36	0.001	<0.2	1.61	<2	<10	80	<0.5	<2	0.16	<0.5	13	22	24	3.07
LK-4005		0.26	0.001	0.2	1.32	2	<10	150	<0.5	<2	0.62	<0.5	14	19	27	3.75
LK-4006		0.24	<0.001	<0.2	1.57	3	<10	110	<0.5	<2	0.15	<0.5	10	23	16	2.85
LK-4007		0.42	0.001	<0.2	1.63	6	<10	120	<0.5	<2	0.15	<0.5	16	30	25	3.80
LK-4008		Not Recvd														
LK-4009		0.16	0.001	<0.2	1.24	3	<10	90	<0.5	<2	0.81	<0.5	13	20	32	2.95
LK-4010		Not Recvd														
LK-4011		0.26	0.006	<0.2	1.55	7	<10	260	<0.5	<2	0.43	<0.5	9	42	25	2.50
LK-4012		0.32	0.002	<0.2	1.70	11	<10	240	<0.5	<2	0.51	<0.5	12	41	23	2.87
LK-4013		0.30	<0.001	<0.2	2.20	5	<10	180	0.5	<2	0.61	<0.5	12	46	30	3.78
LK-4014		0.36	0.001	<0.2	1.45	5	<10	150	<0.5	<2	0.42	<0.5	9	41	23	2.45
LK-4015		0.34	0.001	<0.2	1.62	4	<10	120	0.5	<2	0.52	<0.5	12	71	27	2.99
LK-4016		0.30	0.003	<0.2	1.87	5	<10	130	0.5	<2	0.79	<0.5	12	30	31	3.37
LK-4017		0.32	0.001	0.2	1.32	4	<10	100	<0.5	<2	1.24	<0.5	18	16	40	3.20
LK-4018		0.30	<0.001	0.2	1.51	4	<10	120	<0.5	<2	1.94	<0.5	18	20	34	4.31
LK-4019		0.28	0.003	<0.2	1.84	6	<10	220	0.5	<2	0.35	<0.5	12	29	19	3.13
LK-4020		0.28	0.001	<0.2	1.62	4	<10	130	<0.5	<2	0.08	<0.5	10	22	18	2.99
LK-4021		0.22	<0.001	<0.2	1.44	9	<10	120	<0.5	<2	0.11	<0.5	9	23	13	2.56
LK-4022		0.28	0.001	<0.2	1.41	3	<10	170	0.5	<2	1.38	<0.5	16	19	21	2.18
LK-4023		0.36	<0.001	<0.2	2.05	6	<10	140	0.5	<2	0.38	<0.5	9	28	14	3.17
LK-4024		0.30	0.002	<0.2	0.81	7	<10	120	<0.5	<2	0.18	<0.5	4	14	10	1.76
LK-4025		0.26	0.002	<0.2	1.53	6	<10	140	<0.5	<2	0.36	<0.5	7	24	11	2.60
LK-4026		0.32	0.001	<0.2	1.87	9	<10	160	<0.5	<2	0.32	<0.5	9	28	15	2.95
LK-4027		0.26	0.002	<0.2	1.43	5	<10	90	<0.5	<2	0.31	<0.5	8	22	13	2.70
LK-4028		0.24	0.002	0.2	1.70	8	<10	170	<0.5	<2	0.86	<0.5	10	26	23	2.83
LK-4029		0.22	0.002	0.2	1.04	6	<10	140	<0.5	<2	2.80	<0.5	8	16	25	1.95
LK-4030		0.20	0.002	0.2	1.04	4	<10	140	<0.5	<2	3.30	<0.5	10	14	27	2.12
LK-4031		0.18	<0.001	0.2	0.95	4	<10	80	<0.5	<2	2.54	<0.5	9	16	24	2.39
LK-4032		0.18	0.002	<0.2	1.81	9	<10	160	0.5	<2	0.85	<0.5	12	31	24	3.22
LK-4033		0.18	0.003	<0.2	1.26	2	<10	100	<0.5	<2	2.83	<0.5	11	25	52	2.25
LK-4034		0.26	<0.001	<0.2	0.43	4	<10	60	<0.5	<2	4.58	<0.5	4	7	14	0.51
LK-4035		0.24	<0.001	<0.2	0.56	2	<10	80	<0.5	<2	0.35	<0.5	4	13	11	2.02
LK-4036		0.22	<0.001	<0.2	1.55	5	<10	180	<0.5	<2	0.50	<0.5	9	26	19	2.61
LK-4037		0.32	0.001	<0.2	1.30	<2	<10	150	0.5	<2	0.54	<0.5	7	20	15	2.89
LK-4038		0.24	<0.001	<0.2	1.40	7	<10	110	<0.5	<2	0.09	<0.5	9	22	12	2.56
LK-4039		0.24	0.002	0.4	1.06	6	<10	140	<0.5	<2	3.28	<0.5	10	14	26	2.14
LK-4040		Not Recvd														

Comments: NSS is non-sufficient sample.

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Date: 6-JUL-2004
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Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method	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	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
LK-4001		<10	<1	0.04	10	0.27	154	1	<0.01	24	200	18	<0.01	<2	3	7
LK-4002		<10	<1	0.05	10	0.43	281	<1	<0.01	34	470	16	<0.01	<2	3	24
LK-4003		<10	<1	0.04	10	0.40	192	1	<0.01	25	220	11	<0.01	<2	2	10
LK-4004		<10	<1	0.20	20	0.61	340	<1	<0.01	31	210	7	<0.01	<2	2	33
LK-4005		<10	<1	0.04	20	0.45	687	<1	<0.01	36	950	31	<0.01	<2	4	38
LK-4006		<10	<1	0.05	10	0.50	176	<1	<0.01	25	250	9	0.01	<2	3	21
LK-4007		<10	<1	0.31	10	0.59	482	<1	<0.01	38	400	13	<0.01	<2	3	14
LK-4008																
LK-4009		<10	<1	0.11	30	0.50	477	1	<0.01	26	670	21	0.01	<2	3	49
LK-4010																
LK-4011		<10	<1	0.05	20	0.55	216	1	0.01	30	530	9	<0.01	<2	4	28
LK-4012		<10	<1	0.07	20	0.60	339	<1	0.01	29	600	9	<0.01	<2	4	32
LK-4013		10	<1	0.06	30	0.68	178	1	<0.01	40	470	10	<0.01	<2	5	36
LK-4014		<10	<1	0.13	20	0.55	151	<1	<0.01	31	520	7	<0.01	<2	4	25
LK-4015		10	<1	0.21	20	0.71	233	<1	<0.01	45	670	7	<0.01	<2	5	27
LK-4016		10	<1	0.10	30	0.81	296	<1	<0.01	35	680	11	<0.01	<2	5	46
LK-4017		<10	<1	0.24	20	0.51	829	<1	<0.01	36	780	13	0.01	2	3	88
LK-4018		<10	<1	0.12	20	0.50	766	1	<0.01	45	860	21	0.01	<2	4	218
LK-4019		<10	<1	0.05	20	0.49	221	<1	<0.01	31	200	12	<0.01	<2	5	40
LK-4020		10	<1	0.04	10	0.24	182	1	<0.01	24	210	21	<0.01	<2	3	10
LK-4021		10	<1	0.05	10	0.29	197	1	<0.01	17	350	11	<0.01	<2	2	13
LK-4022		<10	<1	0.04	20	0.29	1735	<1	<0.01	22	790	7	0.05	<2	2	44
LK-4023		10	<1	0.04	10	0.37	257	<1	<0.01	23	240	13	<0.01	<2	4	27
LK-4024		<10	<1	0.06	10	0.20	127	1	<0.01	13	240	7	<0.01	<2	1	21
LK-4025		10	1	0.05	10	0.36	306	1	<0.01	16	280	10	<0.01	<2	2	22
LK-4026		10	<1	0.05	10	0.40	275	<1	<0.01	22	230	10	<0.01	<2	3	21
LK-4027		10	<1	0.04	10	0.35	203	1	<0.01	22	230	9	<0.01	<2	2	18
LK-4028		<10	<1	0.04	10	0.46	321	<1	0.01	25	480	11	0.01	<2	3	37
LK-4029		<10	<1	0.04	10	0.28	513	<1	0.01	20	820	8	0.09	<2	2	100
LK-4030		<10	<1	0.04	10	0.22	1065	<1	0.01	20	920	12	0.09	<2	1	122
LK-4031		<10	<1	0.07	10	0.32	476	<1	0.01	21	760	13	0.08	<2	2	82
LK-4032		<10	<1	0.06	20	0.50	554	<1	0.01	31	280	16	0.01	<2	4	41
LK-4033		<10	1	0.11	20	0.47	471	<1	0.01	27	1240	13	0.15	<2	2	94
LK-4034		<10	<1	0.04	<10	0.11	665	<1	0.01	9	1020	4	0.16	<2	<1	146
LK-4035		<10	<1	0.07	10	0.13	166	<1	<0.01	10	280	8	<0.01	<2	1	25
LK-4036		10	<1	0.11	10	0.54	190	1	0.01	19	520	9	<0.01	<2	2	34
LK-4037		<10	<1	0.08	20	0.28	160	<1	<0.01	21	480	7	<0.01	<2	4	37
LK-4038		10	<1	0.04	10	0.28	156	1	<0.01	19	250	11	<0.01	<2	2	10
LK-4039		<10	<1	0.03	10	0.22	1050	<1	0.01	20	930	10	0.10	<2	1	123
LK-4040																

Comments: NSS is non-sufficient sample.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: KSL EXPLORATION (YUKON) LTD
PO BOX 959
DAWSON CITY YT Y0B 1G0

Date: 6-JUL-2004
Account: KSLEXP

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
LK-4001		0.05	<10	<10	35	<10	27
LK-4002		0.08	<10	<10	32	<10	57
LK-4003		0.06	<10	<10	47	<10	50
LK-4004		0.10	<10	<10	23	<10	49
LK-4005		0.05	<10	<10	26	<10	58
LK-4006		0.07	<10	<10	40	<10	55
LK-4007		0.11	<10	<10	35	<10	79
LK-4008							
LK-4009		0.05	<10	<10	24	<10	58
LK-4010							
LK-4011		0.08	<10	<10	44	<10	56
LK-4012		0.08	<10	<10	48	<10	61
LK-4013		0.07	<10	<10	49	<10	56
LK-4014		0.08	<10	<10	37	<10	47
LK-4015		0.09	<10	<10	42	<10	50
LK-4016		0.07	<10	<10	41	<10	53
LK-4017		0.07	<10	<10	21	<10	36
LK-4018		0.06	<10	<10	19	<10	59
LK-4019		0.06	<10	<10	37	<10	43
LK-4020		0.02	<10	<10	34	<10	34
LK-4021		0.06	<10	<10	52	<10	40
LK-4022		0.03	<10	<10	29	<10	31
LK-4023		0.04	<10	<10	50	<10	42
LK-4024		0.06	<10	<10	40	<10	32
LK-4025		0.06	<10	<10	59	<10	42
LK-4026		0.06	<10	<10	56	<10	44
LK-4027		0.06	<10	<10	50	<10	43
LK-4028		0.05	<10	<10	48	<10	47
LK-4029		0.03	<10	<10	26	<10	35
LK-4030		0.03	<10	<10	23	<10	34
LK-4031		0.04	<10	<10	25	<10	34
LK-4032		0.06	<10	<10	45	<10	52
LK-4033		0.05	<10	<10	25	<10	35
LK-4034		0.02	<10	<10	8	<10	15
LK-4035		0.09	<10	<10	41	<10	30
LK-4036		0.11	<10	<10	51	<10	42
LK-4037		0.01	<10	<10	28	<10	43
LK-4038		0.06	<10	<10	53	<10	40
LK-4039		0.03	<10	<10	24	<10	35
LK-4040							

Comments: NSS is non-sufficient sample.

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PO BOX 959
DAWSON CITY YT Y0B 1G0

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method	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
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
LK-4041		0.16	0.002	<0.2	2.08	11	<10	80	<0.5	<2	0.07	<0.5	8	24	16	4.76
LK-4042		0.20	0.001	<0.2	2.35	11	<10	80	<0.5	<2	0.07	<0.5	17	81	40	4.85
LK-4043		0.28	0.007	<0.2	1.49	7	<10	110	<0.5	<2	0.11	<0.5	9	25	31	2.32
LK-4044		0.22	<0.001	<0.2	1.94	3	<10	110	<0.5	<2	0.12	<0.5	15	17	17	3.37
LK-4045		0.24	0.001	<0.2	2.44	8	<10	110	<0.5	<2	0.20	<0.5	19	35	23	4.29
LK-4046		0.26	0.001	<0.2	2.38	4	<10	90	<0.5	<2	0.24	<0.5	18	42	35	3.88
LK-4047		0.34	0.001	0.2	2.43	3	<10	160	<0.5	<2	0.27	<0.5	16	28	33	3.78
LK-4048		0.40	0.001	<0.2	2.55	<2	<10	140	<0.5	<2	0.30	<0.5	21	21	46	4.41
LK-4049		0.24	<0.001	<0.2	2.63	4	<10	270	<0.5	<2	0.57	<0.5	19	26	42	4.24
LK-4050		0.36	<0.001	<0.2	2.54	<2	<10	220	<0.5	<2	0.43	<0.5	19	36	45	4.31
LK-4051		0.18	<0.001	<0.2	2.00	2	<10	280	<0.5	<2	0.83	<0.5	15	39	40	3.49
LK-4052		0.18	<0.001	0.2	1.92	3	<10	170	<0.5	<2	0.44	<0.5	11	34	24	3.28
LK-4053		0.30	<0.001	0.3	1.90	5	<10	190	<0.5	<2	0.23	<0.5	9	28	17	3.21
LK-4054		0.34	0.001	<0.2	1.70	3	<10	190	<0.5	<2	0.19	<0.5	10	33	21	3.13
LK-4055		0.30	<0.001	<0.2	1.56	4	<10	70	<0.5	<2	0.25	<0.5	13	26	16	2.85
LK-4056		0.38	<0.001	<0.2	0.76	10	<10	100	<0.5	<2	0.03	<0.5	3	8	4	1.40
LK-4057		0.36	<0.001	<0.2	1.11	4	<10	110	<0.5	<2	0.09	<0.5	4	13	9	1.78
LK-4058		0.32	0.001	0.3	1.96	13	<10	150	<0.5	<2	0.10	<0.5	7	32	15	4.12
LK-4059		0.28	0.002	0.4	1.99	5	<10	190	<0.5	<2	0.09	<0.5	9	33	25	3.39
LK-4060		0.36	<0.001	0.2	1.86	10	<10	170	<0.5	<2	0.08	<0.5	7	30	18	2.98
LK-4061		0.24	<0.001	<0.2	2.39	7	<10	60	<0.5	<2	0.08	<0.5	16	14	8	4.58
LK-4062		0.30	<0.001	0.2	2.36	2	<10	200	<0.5	<2	0.39	<0.5	19	33	42	4.01
LK-4063		0.36	0.004	0.2	1.86	7	<10	180	<0.5	<2	0.08	<0.5	8	31	19	2.89
LK-4084		0.26	0.001	1.1	2.26	3	<10	170	<0.5	<2	0.12	<0.5	11	43	14	3.34
LK-4085		0.26	0.002	<0.2	2.03	4	<10	150	<0.5	<2	0.17	<0.5	11	23	26	3.56
LK-4086		0.36	0.001	<0.2	2.18	4	<10	90	<0.5	<2	0.27	<0.5	16	9	30	4.14
LK-4087		0.48	0.001	0.2	2.33	7	<10	80	<0.5	<2	0.20	<0.5	16	19	44	4.25
LK-4088		0.26	0.003	0.4	2.71	4	<10	60	<0.5	<2	0.25	<0.5	28	30	124	4.64
LK-4089		0.30	0.003	0.3	2.05	4	<10	120	<0.5	<2	0.44	<0.5	17	24	70	3.63
LK-4090		Not Recvd														
LK-4091		Not Recvd														
LK-4092		0.30	0.010	0.4	2.10	3	<10	180	<0.5	<2	0.16	<0.5	5	12	55	3.40
LK-4093		0.18	0.001	<0.2	0.95	3	<10	160	<0.5	<2	0.09	0.7	4	6	16	1.22
LK-4094		0.22	0.010	<0.2	0.95	3	<10	100	<0.5	<2	0.04	<0.5	1	11	3	0.86
LK-4095		0.34	0.001	<0.2	1.10	5	<10	100	<0.5	<2	0.06	<0.5	4	11	17	2.52
LK-4096		0.28	<0.001	<0.2	1.06	52	<10	120	<0.5	<2	0.09	<0.5	7	10	16	2.56
LK-4097		0.38	<0.001	<0.2	0.54	5	<10	230	<0.5	<2	0.09	<0.5	3	5	5	1.26
LK-4098		0.24	0.001	<0.2	0.89	12	<10	100	<0.5	<2	0.07	<0.5	3	13	6	2.36
LK-4099		0.24	0.007	<0.2	0.79	8	<10	190	<0.5	<2	0.09	<0.5	2	7	5	1.14
LK-4100		0.36	<0.001	<0.2	0.49	69	<10	90	<0.5	<2	0.02	<0.5	2	1	9	1.24

Comments: NSS is non-sufficient sample.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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212 Brooksbank Avenue
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To: KSL EXPLORATION (YUKON) LTD
PO BOX 959
DAWSON CITY YT Y0B 1G0

Date: 6-JUL-2004
Account: KSLEXP

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method	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	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
LK-4041		10	<1	0.02	10	0.58	385	1	<0.01	11	400	12	0.01	<2	3	7
LK-4042		10	<1	0.02	10	1.08	511	1	<0.01	34	450	12	<0.01	<2	5	6
LK-4043		<10	<1	0.02	10	0.49	356	1	<0.01	13	340	12	<0.01	<2	2	9
LK-4044		10	<1	0.02	<10	1.27	555	<1	<0.01	8	280	4	<0.01	<2	2	7
LK-4045		10	<1	0.02	<10	1.67	623	<1	<0.01	15	330	3	<0.01	<2	4	8
LK-4046		<10	1	0.02	<10	1.93	488	<1	<0.01	19	210	2	<0.01	<2	3	9
LK-4047		10	<1	0.02	<10	1.80	488	<1	<0.01	15	340	2	<0.01	<2	3	12
LK-4048		<10	<1	0.03	<10	1.78	591	<1	<0.01	16	560	5	<0.01	<2	5	10
LK-4049		10	<1	0.03	<10	1.70	655	<1	<0.01	19	540	2	0.01	<2	5	20
LK-4050		10	<1	0.03	<10	1.85	575	<1	<0.01	23	580	<2	<0.01	<2	5	17
LK-4051		10	<1	0.04	10	1.43	542	1	<0.01	26	930	4	0.02	<2	5	31
LK-4052		10	<1	0.03	10	1.40	485	1	<0.01	18	850	6	<0.01	<2	4	15
LK-4053		10	<1	0.05	10	1.28	356	1	<0.01	17	460	11	<0.01	<2	4	10
LK-4054		10	<1	0.05	10	0.95	342	<1	<0.01	24	300	6	<0.01	<2	4	11
LK-4055		<10	<1	0.03	<10	1.00	303	<1	<0.01	14	210	4	<0.01	<2	2	11
LK-4056		<10	<1	0.13	10	0.16	164	1	<0.01	3	240	12	<0.01	<2	1	5
LK-4057		<10	<1	0.06	20	0.43	132	<1	<0.01	10	180	11	<0.01	<2	1	8
LK-4058		10	<1	0.04	10	0.54	305	1	<0.01	14	530	9	<0.01	<2	3	9
LK-4059		<10	<1	0.04	10	0.68	346	1	<0.01	22	310	7	<0.01	<2	3	10
LK-4060		<10	<1	0.05	10	0.67	255	1	<0.01	18	240	13	<0.01	<2	4	9
LK-4061		10	<1	0.02	<10	1.40	505	1	<0.01	7	510	5	<0.01	<2	4	4
LK-4062		10	<1	0.02	<10	1.68	546	<1	<0.01	22	590	2	<0.01	<2	5	15
LK-4063		<10	<1	0.05	20	0.67	255	1	<0.01	20	200	11	<0.01	<2	4	9
LK-4084		10	<1	0.03	10	1.16	332	1	<0.01	20	360	7	<0.01	<2	4	10
LK-4085		10	<1	0.03	10	0.67	340	<1	<0.01	16	570	8	<0.01	<2	3	10
LK-4086		<10	<1	0.01	<10	1.28	735	<1	<0.01	8	780	3	<0.01	<2	4	7
LK-4087		<10	<1	0.01	<10	1.38	515	<1	<0.01	15	570	4	<0.01	<2	4	7
LK-4088		10	<1	0.01	10	2.00	1155	<1	<0.01	23	560	2	0.01	<2	13	7
LK-4089		<10	<1	0.02	10	1.11	464	<1	<0.01	21	490	10	0.01	<2	8	15
LK-4090																
LK-4091																
LK-4092		10	<1	0.01	<10	1.65	592	<1	<0.01	7	280	48	0.01	<2	4	7
LK-4093		<10	<1	0.02	10	0.34	165	<1	<0.01	3	210	15	<0.01	<2	<1	6
LK-4094		<10	<1	0.03	<10	0.19	71	<1	<0.01	9	180	6	<0.01	<2	<1	4
LK-4095		<10	<1	0.09	<10	0.32	219	1	<0.01	12	370	6	<0.01	<2	2	4
LK-4096		<10	<1	0.18	<10	0.32	311	1	<0.01	12	380	7	<0.01	<2	2	6
LK-4097		<10	<1	0.10	10	0.11	259	2	<0.01	5	210	7	<0.01	<2	1	5
LK-4098		10	<1	0.05	10	0.19	132	1	<0.01	7	280	7	<0.01	<2	1	6
LK-4099		<10	<1	0.07	10	0.09	150	1	<0.01	3	180	8	0.01	<2	1	9
LK-4100		<10	<1	0.11	10	0.04	72	1	<0.01	2	100	5	<0.01	<2	1	2

Comments: NSS is non-sufficient sample.

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To: KSL EXPLORATION (YUKON) LTD
PO BOX 959
DAWSON CITY YT Y0B 1G0

Date: 6-JUL-2004
Account: KSLEXP

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
LK-4041		0.06	<10	<10	73	<10	65
LK-4042		0.06	<10	<10	94	<10	41
LK-4043		0.03	<10	<10	45	<10	84
LK-4044		0.04	<10	<10	69	<10	53
LK-4045		0.07	<10	<10	78	<10	58
LK-4046		0.09	<10	<10	64	<10	108
LK-4047		0.05	<10	<10	66	<10	77
LK-4048		0.05	<10	<10	82	<10	71
LK-4049		0.03	<10	<10	88	<10	73
LK-4050		0.03	<10	<10	76	<10	67
LK-4051		0.02	<10	<10	55	<10	67
LK-4052		0.02	<10	<10	47	<10	77
LK-4053		0.06	<10	<10	57	<10	70
LK-4054		0.07	<10	<10	57	<10	55
LK-4055		0.20	<10	<10	52	<10	41
LK-4056		0.02	<10	<10	16	<10	28
LK-4057		0.05	<10	<10	25	<10	36
LK-4058		0.09	<10	<10	81	<10	45
LK-4059		0.12	<10	<10	61	<10	62
LK-4060		0.07	<10	<10	48	<10	49
LK-4061		0.07	<10	<10	78	<10	64
LK-4062		0.03	<10	<10	73	<10	62
LK-4063		0.07	<10	<10	47	<10	49
LK-4084		0.06	<10	<10	81	<10	74
LK-4085		0.05	<10	<10	58	<10	47
LK-4086		0.01	<10	<10	50	<10	69
LK-4087		0.02	<10	<10	67	<10	70
LK-4088		0.01	<10	<10	84	<10	61
LK-4089		0.03	<10	<10	63	<10	58
LK-4090							
LK-4091							
LK-4092		0.03	<10	<10	62	<10	438
LK-4093		0.01	<10	<10	23	<10	47
LK-4094		0.01	<10	<10	22	<10	20
LK-4095		0.03	<10	<10	35	<10	44
LK-4096		0.03	<10	<10	31	<10	35
LK-4097		0.02	<10	<10	17	<10	26
LK-4098		0.06	<10	<10	59	<10	25
LK-4099		0.02	<10	<10	26	<10	12
LK-4100		0.01	<10	<10	5	<10	13

Comments: NSS is non-sufficient sample.

ALS
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212 Brooksbank Avenue
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DAWSON CITY YT Y0B 1G0

Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
LK-4101		0.26	0.004	<0.2	1.79	13	<10	130	<0.5	<2	0.08	<0.5	5	28	10	3.42
LK-4102		0.28	0.002	0.2	1.56	13	<10	110	<0.5	<2	0.06	<0.5	3	21	7	2.69
LK-4103		0.24	<0.001	0.2	1.93	6	<10	190	<0.5	<2	0.13	<0.5	6	25	10	3.24
LK-4104		0.34	<0.001	<0.2	1.62	7	<10	160	<0.5	<2	0.06	<0.5	5	19	11	2.86
LK-4105		0.30	<0.001	0.4	0.87	2	<10	150	<0.5	<2	0.02	<0.5	4	7	29	2.44
LK-4106		0.38	0.002	<0.2	1.03	5	<10	160	<0.5	2	0.09	<0.5	5	14	10	1.75
LK-4107		0.32	<0.001	<0.2	1.66	6	<10	120	<0.5	<2	0.10	<0.5	7	23	5	3.05
LK-4108		0.20	<0.001	0.2	1.92	8	<10	110	<0.5	<2	0.07	<0.5	8	33	10	2.87
LK-4109		0.28	0.001	<0.2	2.42	6	<10	170	<0.5	<2	0.09	<0.5	9	55	14	3.05
LK-4110		0.30	<0.001	<0.2	1.67	4	<10	100	<0.5	<2	0.20	<0.5	9	14	8	2.55
LK-4111		Not Recvd														
LK-4112		0.40	<0.001	<0.2	0.52	70	<10	80	<0.5	<2	0.02	<0.5	2	1	10	1.16
LK-4113		0.26	0.001	<0.2	1.62	3	<10	100	<0.5	<2	0.18	<0.5	9	15	8	2.55
LK-4114		0.14	<0.001	0.4	0.51	8	<10	90	<0.5	<2	0.10	<0.5	2	10	7	0.78
LK-4115		0.08	<0.001	0.3	0.67	8	<10	100	<0.5	<2	0.11	<0.5	2	10	6	1.01
LK-4116		0.30	0.001	0.2	1.07	10	<10	110	<0.5	<2	0.11	<0.5	5	15	12	1.90
LK-4117		0.18	<0.001	<0.2	0.62	7	<10	70	<0.5	<2	0.06	<0.5	2	10	6	1.06
LK-4118		0.18	0.004	0.2	0.79	7	<10	190	<0.5	<2	0.12	<0.5	4	12	11	1.34
LK-4119		0.26	0.003	0.2	0.53	9	<10	70	<0.5	<2	0.06	<0.5	2	8	6	0.98
LK-4120		Not Recvd														
LK-4121		0.10	0.005	0.5	0.63	8	<10	190	<0.5	<2	0.17	<0.5	3	10	15	0.96
LK-4122		0.20	0.004	0.7	1.08	10	<10	150	<0.5	<2	0.07	<0.5	3	12	9	1.43
LK-4123		0.06	NSS	0.2	0.28	3	<10	110	<0.5	<2	0.21	<0.5	1	4	7	0.53
LK-4124		0.12	<0.001	0.4	0.54	4	<10	40	<0.5	<2	0.06	<0.5	1	7	8	0.55
LK-4125		0.30	0.027	1.4	1.44	93	<10	210	<0.5	<2	0.40	<0.5	3	13	11	1.56
LK-4126		0.12	0.014	1.1	1.34	48	<10	190	<0.5	<2	0.17	<0.5	3	13	9	1.40
LK-4127		0.30	0.012	0.4	1.30	60	<10	100	<0.5	<2	0.10	<0.5	3	13	10	1.65
LK-4128		0.32	0.001	<0.2	0.96	68	<10	160	<0.5	<2	0.07	<0.5	2	10	6	1.28
LK-4129		0.16	0.001	0.2	0.74	7	<10	210	<0.5	<2	0.14	<0.5	1	6	6	0.72
LK-4130		0.30	0.001	0.2	0.78	90	<10	110	<0.5	<2	0.06	<0.5	2	6	4	1.34
LK-4131		0.30	0.005	0.2	1.40	37	<10	150	<0.5	<2	0.09	<0.5	4	17	11	1.98
LK-4132		0.30	0.001	0.3	0.83	32	<10	120	<0.5	<2	0.07	<0.5	1	7	5	0.98
LK-4133		0.34	0.002	0.5	1.01	26	<10	150	<0.5	<2	0.03	<0.5	2	8	13	1.47
LK-4134		0.36	0.008	0.4	1.38	24	<10	160	<0.5	<2	0.06	<0.5	4	16	9	1.74
LK-4135		0.12	0.257	10.2	2.30	396	<10	530	1.1	<2	1.39	0.5	11	17	24	2.91
LK-4136		0.28	0.001	<0.2	0.81	26	<10	190	<0.5	<2	0.08	<0.5	2	8	4	1.00
LK-4137		0.26	0.001	0.3	0.90	27	<10	140	<0.5	<2	0.11	<0.5	3	14	5	1.66
LK-4138		0.24	0.003	0.3	1.50	52	<10	240	<0.5	<2	0.13	<0.5	6	23	12	2.56
LK-4139		0.26	0.004	0.5	0.74	74	<10	150	<0.5	<2	0.08	<0.5	1	6	4	1.20
LK-4140		0.22	0.004	0.3	1.44	42	<10	300	0.6	<2	0.18	<0.5	6	18	8	2.18

Comments: NSS is non-sufficient sample.

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Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method	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	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
LK-4101		10	<1	0.04	10	0.34	180	1	<0.01	12	420	12	<0.01	<2	2	8
LK-4102		10	<1	0.05	10	0.26	154	1	<0.01	9	300	11	<0.01	<2	2	7
LK-4103		10	<1	0.03	10	0.37	276	1	<0.01	12	400	11	<0.01	<2	3	11
LK-4104		<10	<1	0.04	10	0.35	198	1	<0.01	13	210	7	<0.01	<2	2	6
LK-4105		<10	<1	0.07	10	0.13	128	1	<0.01	10	160	6	0.03	<2	1	16
LK-4106		<10	<1	0.04	10	0.21	174	<1	<0.01	11	280	5	<0.01	<2	2	5
LK-4107		10	<1	0.03	10	0.67	250	<1	<0.01	9	290	5	<0.01	<2	3	8
LK-4108		10	<1	0.03	10	0.58	221	1	<0.01	15	310	6	<0.01	<2	2	8
LK-4109		10	<1	0.03	10	0.81	289	<1	<0.01	24	190	7	<0.01	<2	3	10
LK-4110		<10	<1	0.02	<10	0.85	199	<1	<0.01	9	390	2	<0.01	<2	3	13
LK-4111																
LK-4112		<10	<1	0.10	10	0.04	63	1	<0.01	2	100	4	<0.01	<2	1	2
LK-4113		<10	<1	0.02	<10	0.78	193	<1	<0.01	8	400	3	<0.01	<2	3	12
LK-4114		<10	<1	0.05	10	0.15	57	1	<0.01	5	310	25	0.02	<2	1	12
LK-4115		<10	<1	0.05	10	0.21	85	1	<0.01	6	330	38	0.01	<2	1	13
LK-4116		<10	<1	0.06	30	0.47	226	1	<0.01	11	410	29	0.02	<2	1	19
LK-4117		<10	<1	0.05	10	0.14	76	<1	<0.01	5	250	17	0.01	<2	1	9
LK-4118		<10	<1	0.07	30	0.34	100	1	0.01	9	410	27	0.01	<2	1	15
LK-4119		<10	<1	0.05	20	0.14	48	1	<0.01	5	210	47	0.02	<2	1	11
LK-4120																
LK-4121		<10	<1	0.05	40	0.09	178	<1	0.01	6	630	47	0.04	<2	<1	18
LK-4122		<10	<1	0.06	40	0.23	104	<1	<0.01	7	420	46	0.02	<2	2	11
LK-4123		<10	<1	0.05	10	0.04	106	<1	0.01	3	950	22	0.09	<2	1	26
LK-4124		<10	<1	0.05	10	0.05	66	<1	<0.01	2	220	12	0.01	<2	<1	8
LK-4125		<10	<1	0.08	30	0.35	114	<1	<0.01	7	410	99	0.01	<2	2	34
LK-4126		<10	<1	0.07	20	0.30	124	1	<0.01	9	330	78	<0.01	<2	2	17
LK-4127		<10	<1	0.06	20	0.25	126	1	<0.01	9	300	144	0.01	<2	1	10
LK-4128		<10	<1	0.06	20	0.20	108	<1	<0.01	7	290	30	<0.01	<2	<1	9
LK-4129		<10	<1	0.07	20	0.10	251	<1	<0.01	3	260	11	<0.01	<2	<1	13
LK-4130		<10	<1	0.10	30	0.15	154	1	<0.01	4	330	21	<0.01	<2	1	8
LK-4131		<10	<1	0.06	20	0.32	148	1	<0.01	11	140	37	<0.01	<2	2	12
LK-4132		<10	<1	0.07	30	0.12	77	<1	<0.01	3	120	22	<0.01	<2	1	9
LK-4133		<10	<1	0.07	30	0.15	104	1	<0.01	4	160	29	<0.01	<2	1	6
LK-4134		<10	<1	0.06	20	0.28	133	<1	<0.01	8	130	31	<0.01	<2	2	8
LK-4135		10	<1	0.21	70	0.34	1840	1	<0.01	14	1190	230	0.06	<2	4	106
LK-4136		<10	<1	0.08	20	0.13	69	<1	<0.01	4	110	18	<0.01	<2	1	8
LK-4137		<10	<1	0.07	20	0.23	133	1	<0.01	8	260	21	<0.01	<2	2	10
LK-4138		10	<1	0.09	20	0.38	198	1	<0.01	17	390	21	<0.01	<2	3	13
LK-4139		<10	<1	0.10	30	0.12	58	1	<0.01	4	310	25	<0.01	<2	1	9
LK-4140		10	<1	0.10	20	0.31	337	1	<0.01	12	920	31	<0.01	<2	1	15

Comments: NSS is non-sufficient sample.

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Project: Klondike

CERTIFICATE OF ANALYSIS VA04037886

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
LK-4101		0.06	<10	<10	64	<10	37
LK-4102		0.06	<10	<10	53	<10	31
LK-4103		0.06	<10	<10	67	<10	107
LK-4104		0.04	<10	<10	47	<10	51
LK-4105		0.01	<10	<10	12	<10	23
LK-4106		0.02	<10	<10	24	<10	27
LK-4107		0.04	<10	<10	53	<10	31
LK-4108		0.07	<10	<10	60	<10	40
LK-4109		0.08	<10	<10	61	<10	54
LK-4110		0.06	<10	<10	43	<10	25
LK-4111							
LK-4112		<0.01	<10	<10	6	<10	13
LK-4113		0.05	<10	<10	44	<10	25
LK-4114		0.03	<10	<10	16	<10	26
LK-4115		0.02	<10	<10	21	<10	36
LK-4116		0.03	<10	<10	26	<10	56
LK-4117		0.03	<10	<10	28	<10	24
LK-4118		0.03	<10	<10	21	<10	52
LK-4119		0.02	<10	<10	17	<10	30
LK-4120							
LK-4121		0.02	<10	<10	16	<10	20
LK-4122		0.02	<10	<10	20	<10	34
LK-4123		0.01	<10	<10	6	<10	11
LK-4124		0.01	<10	<10	18	<10	20
LK-4125		0.02	<10	<10	22	<10	55
LK-4126		0.02	<10	<10	23	<10	39
LK-4127		0.02	<10	<10	25	<10	35
LK-4128		0.01	<10	<10	20	<10	21
LK-4129		0.01	<10	<10	16	<10	14
LK-4130		0.01	<10	<10	20	<10	22
LK-4131		0.04	<10	<10	38	<10	34
LK-4132		0.03	<10	<10	23	<10	17
LK-4133		0.01	<10	<10	23	<10	28
LK-4134		0.03	<10	<10	31	<10	30
LK-4135		0.01	<10	<10	20	<10	114
LK-4136		0.03	<10	<10	23	<10	16
LK-4137		0.04	<10	<10	36	<10	29
LK-4138		0.05	<10	<10	47	<10	59
LK-4139		0.02	<10	<10	19	<10	24
LK-4140		0.03	<10	<10	37	<10	43

Comments: NSS is non-sufficient sample.

KSL Exploration (Yukon) Limited

Appendix 4

Expenditure Statement

GEOCHEMICAL SURVEYING:		
Doyle Gold Consulting		
40 hours @ $40/hour	1,600	
P Ledwidge		
5 days @ $350/day	1,750	
Field assistant 9 days@ $225/day	2,025	
Vehicle hire, 9 days at $100/day	900	
Analytical costs (incl. freight)		
-80# 94 @ $21 each	1,974	
MMI 155 @ $26	4,030	
Supervision report compilation and assessment		
22 hours @ $90/hour	1,980	
		$14,259
GEOLOGY, GPS (claims/lines)		
Doyle Gold Consulting		
20 hours @ $40/hour	800	
P Ledwidge		
2 days @ $350/day	700	
Vehicle hire, 2 days at $100/day	200	
Planning, supervision, compilation, assessment		
15 hours @ $90/hour	1,350	
Ancillliary costs (radio hire, insurance, consumables, etc)	220	
		3,270
TOTAL:		17,529

KSL Exploration (Yukon) Limited

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Expenditure Statement

Doyle Gold Consulting	
40 hours @ S40/hour	1,600
P Ledwidge	
5days @ $350/day	1,750
Field assistant 9days@ $225/day	2,025
Vehicle hire, 9days at $100/day	900
Analytical costs (incl. freight)	
-80# 94 @ $21 each	1,974
MMI 155 @ $26	4,030
Supervision report compilation and assessment	
22 hours @ $90/hour	1,980
TOTAL:	**$14,259**