AURORA GEOSCIENCES LTD.
GEOLOGICAL AND GEOPHYSICAL CONSULTANTS
YELLOWKNIFE, NT, CANADA
WHITEHORSE, YT, CANADA

REPORT ON THE
2004 FOCUSED REGIONAL EXPLORATION PROGRAM
IN THE KIRKLAND CREEK AREA, YUKON

By

Scott Casselman B.Sc, P. Geo.
4763 NWT Ltd
108 Gold Road
Whitehorse, Yukon, Y1A 2W3

Location: Latitude 61° 39.5' N, Longitude 136° 32.5' W
Mining District: Whitehorse
NTS: 115H/9 and 115H/10
Date: December 2004

YMIP 04-062

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1.0 SUMMARY

This report documents a reconnaissance exploration program conducted in the Kirkland Creek area southwest of Carmacks, Yukon. The program was partially funded by the Yukon Mineral Incentive Program (YMIP).

The Kirkland Creek area was identified as having potential for significant gold-bearing mineral occurrences through researching the government Regional Geochemical Survey (RGS) data and Minfile occurrences. In particular, three very highly anomalous gold values were identified along a northwest-southeast trending creek valley that extends north-westward from Kirkland Creek. The values ranged from 113 ppb to 888 ppb gold. There is no record of any exploration work having been conducted in the immediate project area to follow-up these RGS anomalies.

4763 NWT Ltd conducted a program of stream sediment sampling, soil sampling and prospecting to determine the cause of the RGS gold anomalies.

The stream sediment sampling returned one mildly anomalous value in the eastern part of the reconnaissance area, but failed to reproduce the highly anomalous value of 888 ppb form the western part of the survey area.

The soil sample program returned two highly anomalous gold values (82.2 and 114.4 ppb) form line 2 and two stretches of mildly anomalous gold-in-soil from lines 2 and 3. Elsewhere there were a few scattered, weakly anomalous gold-in-soil values. Prospecting and rock sampling did not identify any significant mineralization on the property. The program did not return any significant base metals values.

Recommendations for future work in the area are to follow-up the anomalous soil sample results on lines 2 and 3 with additional soil sampling, prospecting and mapping.

2.0 INTRODUCTION

This report documents a reconnaissance exploration program conducted in the Kirkland Creek area on NTS map sheets 115H09 and 10. The program was partially funded by the Yukon Mineral Incentive Program (YMIP), a program to assist companies and individuals with mineral exploration costs.

The Kirkland Creek area was identified as having potential for significant gold-bearing mineral occurrences through researching the government Regional Geochemical Survey (RGS) data and Minfile occurrences. In particular, three very highly anomalous gold values were identified along a northwest-southeast trending creek valley that extends north-westward from Kirkland Creek. The values ranged from 113 ppb to 888 ppb gold. A review of Yukon Minfile data for the area indicated some weak copper-in-soil anomalies and copper-in-stream sediment anomalies from regional exploration programs conducted north and south of the project area. These anomalies were the results of exploration programs focused on porphyry copper deposit-types. A review of the Yukon Placer Database revealed some exploration for placer gold from a tributary of Kirkland Creek, 10 km south of the project area, but no production was recorded. There is no record of any exploration work having been conducted in the project area other than the RGS program.

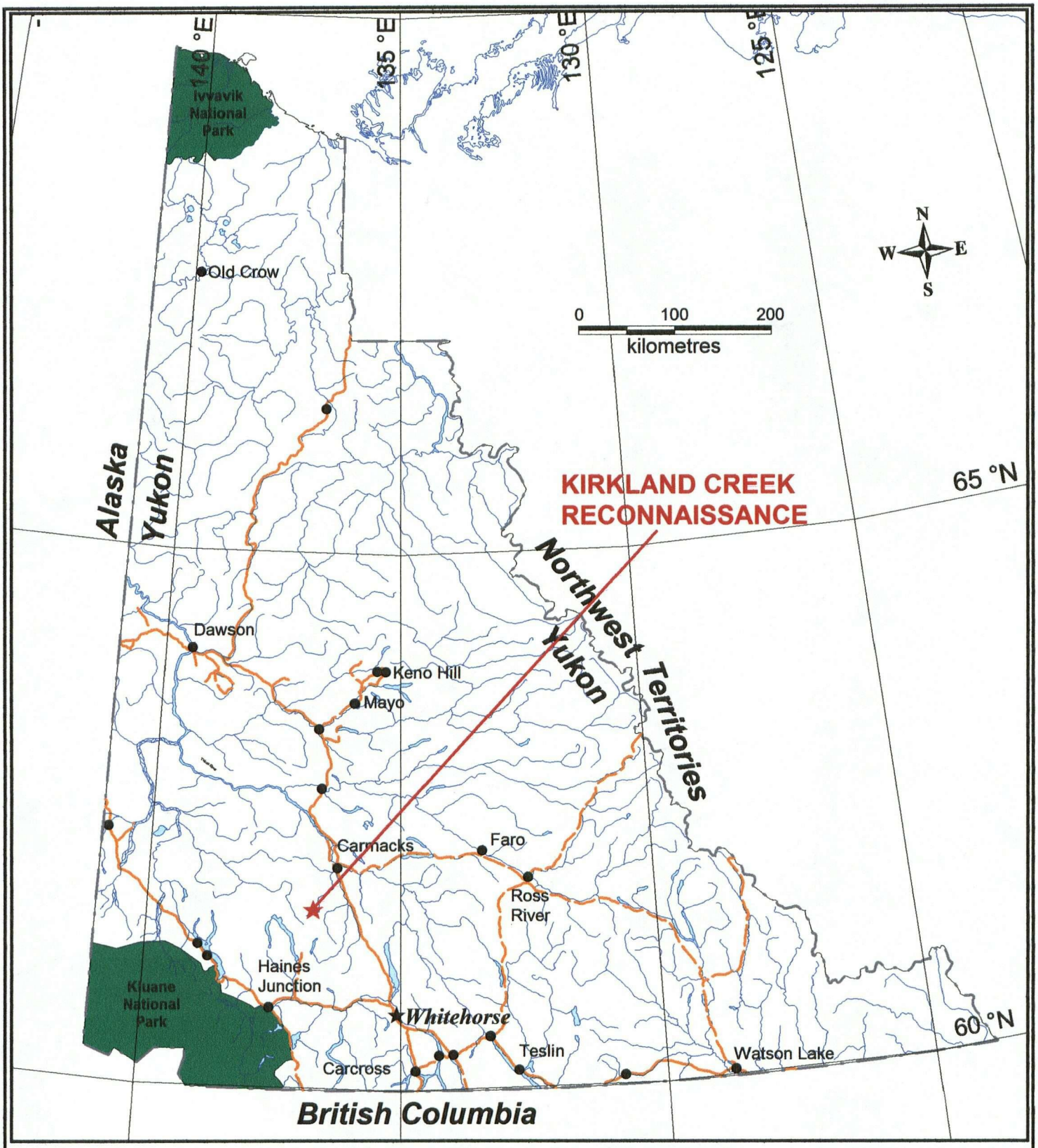
4763 NWT Ltd conducted stream sediment sampling in numerous drainages surrounding the anomalous area, soil sampling on four lines across the anomalous trend, and prospecting of the area. The program involved a two-person crew consisting of Kel Sax (geological engineer) and Casey Adshead (geological technician). The crew mobilized to the property on June 6 and established a tent camp in the eastern portion of the reconnaissance area. The camp was re-located to the western portion of the area by helicopter, on June 12 and demobilized on June 14, 2004.

3.0 LOCATION AND ACCESS

The Kirkland Creek Project area is centred at 61^0 39.5' N 136^0 32.5' W in the Whitehorse Mining District on NTS map sheets 115H/09 and 115H/10 in central Yukon Territory. The project area is 50 km south-southwest of Carmacks or 130 km north-northwest of Whitehorse. There are no roads into the area, although at some time in the past, a winter "cat" trail was used to bring placer testing equipment to the Kirkland Creek area. Access to the area for the 2004 program was by truck on the North Klondike Highway to a staging point at Twin Lakes, 35 km east of the project area, then by helicopter to the project area (Figure 1).

4.0 LAND STATUS

The project area is on Crown Land and falls under the jurisdiction of the Government of Yukon. First Nation Land Claim areas belonging to the Little Salmon Carmacks lie south of the project area (Figure 2).



4763 NWT LTD
KIRKLAND CREEK RECONNAISSANCE
LOCATION MAP

Figure 1 December 15, 2004

Dec 18 2004
S. G. CASSELMAN
BRITISH COLUMBIA

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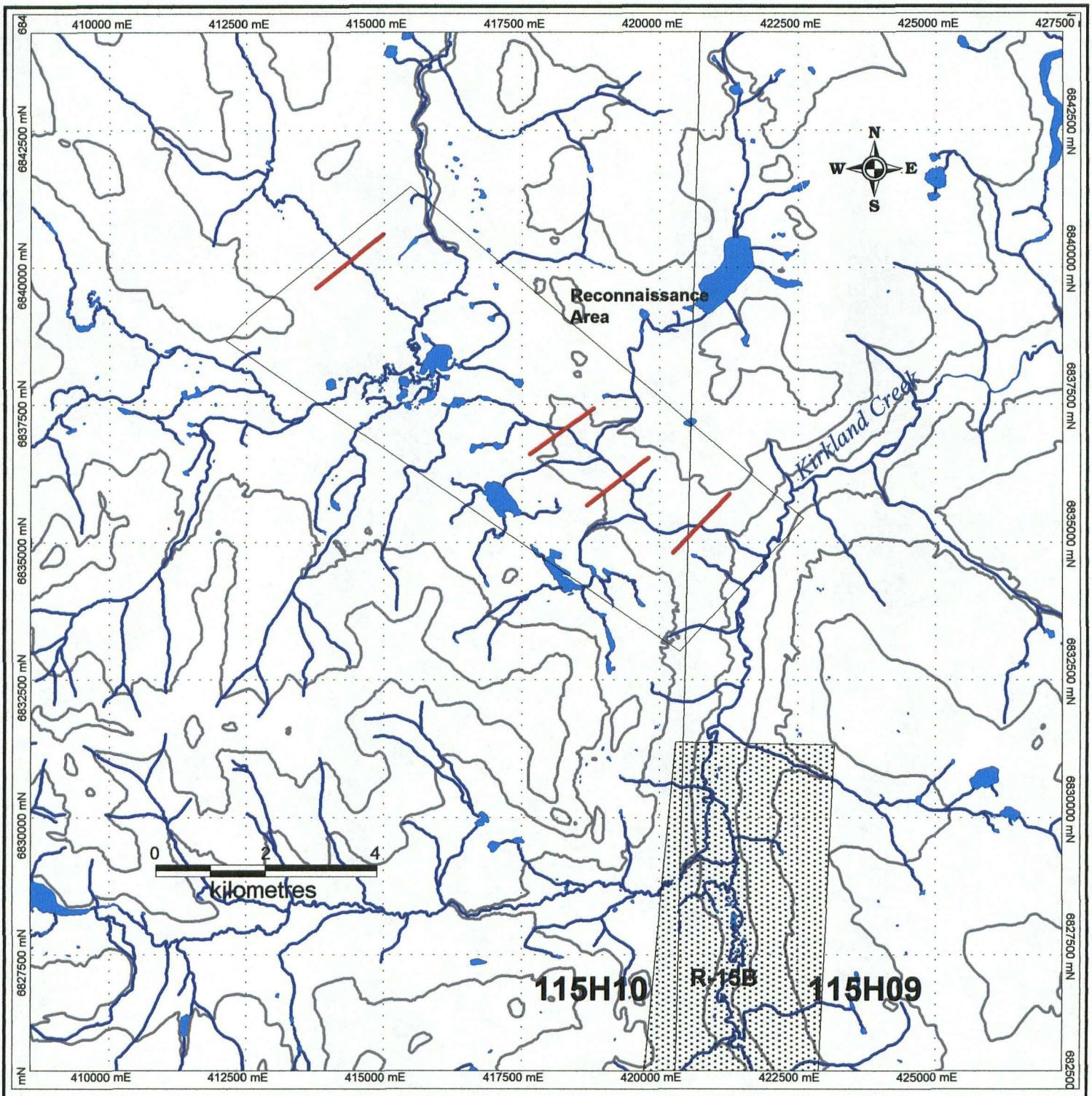

First Nation Land Claim

1:100,000
NAD 83 UTM, zone 8

4763 NWT Ltd
KIRKLAND CREEK RECONNAISSANCE
LAND STATUS MAP
NTS 115H09/10 **December 2004**
Figure 2 **Whitehorse Mining District**

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PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
S. G. CASSELMAN
GEOSCIENTIST
Dec 19, 2004

5.0 PHYSIOGRAPHY AND CLIMATE

The project area is in the Yukon Plateau in gentle rounded mountainous terrain. Elevations range from about 3000 feet to 4000 feet above sea level. The area is variably treed, with spruce, pine and poplar. A forest fire passed through the project area roughly 10 to 15 years previously leaving some burnt blow-down and recent re-growth.

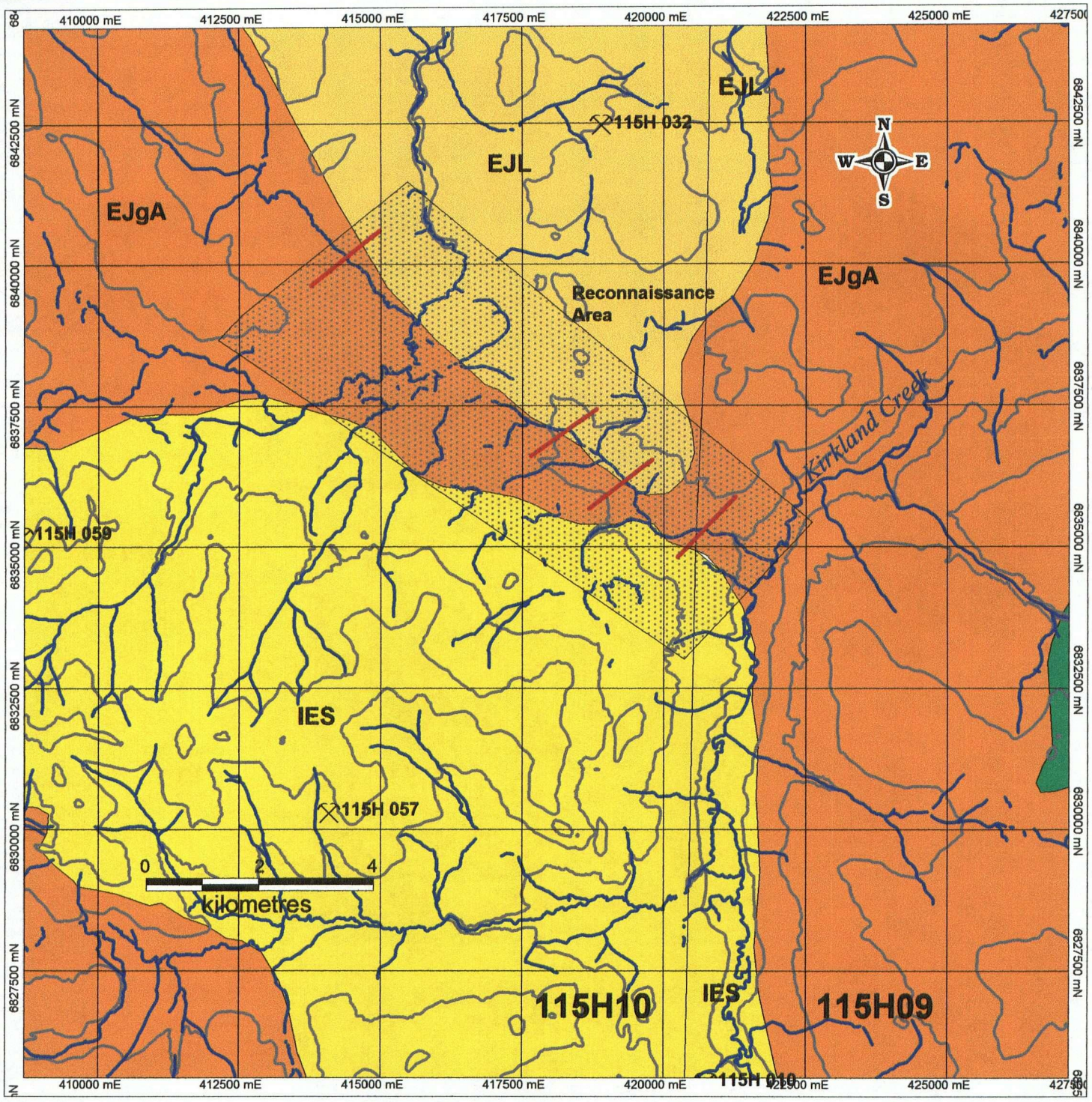
The area experiences cold dry winters and hot dry summers. Snow usually begins accumulating in late September or early October and is generally melted by late May to early June. Temperatures range from highs in the mid 30°'s in summer to lows of -50° C in winter. North facing slopes are generally underlain by permafrost.

6.0 REGIONAL GEOLOGICAL SETTING

The Kirkland Creek Project area is located in the Dawson Range in the Yukon-Tanana Terrane. The belt extends from Whitehorse northwest to the Yukon / Alaska border. The Kirkland Creek area is underlain by plutonic rocks of the Early Jurassic Aishihik Suite and Early Jurassic Long Lake Suite. The Aishihik Suite consists of medium to coarse-grained biotite-hornblende granodiorite, hornblende diorite to monzonite and orthogneiss. The Long Lake Suite consists of mostly felsic granitic rocks, locally grading into syenite.

These plutonic rocks are intruded and overlain by Lower Eocene Skukum volcanics. These consist of rhyolitic to andesitic volcanic dykes, plugs, domes, laccoliths, flows and tuff. The intrusive phases are generally quartz-feldspar-hornblende felsites; while the extrusive phases are intermediate to felsic hornblende-feldspar porphyritic tuff, flow breccia and volcanic mudstone.

This belt of rocks host numerous mineral occurrences along its length, including the Casino porphyry Cu-Au-Mo deposit and gold mineralization at Mount Freegold, Revenue Creek and Mt Nansen. The Kirkland Creek target is believed to be a structurally controlled gold setting, or an intrusive-hosted gold (IHG) target.



GEOLOGICAL LEGEND

IES — Lower Eocene
Skukum Suite
felsic volcanic dykes, plugs, domes, lacoliths

EJL — Early Jurassic
Long Lake Suite
granite to syenite

EJgA — Early Jurassic
Aishihik Suite
granodiorite, hornblende diorite to monzonite

uTrP — Upper Triassic
Povoas Formation
basalt flows, breccia, tuff, sandstone, argillite

PROFESSIONAL ENGINEER
Dec 19, 2004

⛌ Minfile Occurences

1:100,000
NAD 83 UTM, zone 8

4763 NWT Ltd
KIRKLAND CREEK RECONNAISSANCE
REGIONAL GEOLOGY MAP
NTS 115H09/10 **December 2004**
Figure 3 **Whitehorse Mining District**

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7.0 2004 EXPLORATION PROGRAM

The 2004 reconnaissance exploration program was designed to test a series of three highly anomalous gold values in a tributary of Kirkland Creek. These anomalous values occurred in a linear pattern that trended northwest-southeast. The program consisted of re-sampling stream sediments in the area of the anomalies and other creeks in the area. Four soil sample lines were established across the valley to determine if there was a mineralized structure through the area. Soil samples were collected at 25 m intervals along these lines. The crew also prospected while conducting the sampling program. The project area measured 8 km by 3 km.

Stream sediment samples were collected by wet screening sediments with a 10-mesh screen until approximately 5 litres of –10 mesh material was collected. This material was then placed in a double-lined plastic bag and labelled with the sample number. Soil samples were collected by digging approximately 30 cm with a mattocks and collecting up to 0.25 kg of "B" horizon soil material. Rock samples were grab samples. All sample sites were marked in the field with flagging. GPS locations were recorded for all stream sediment and rock sample sites and at the ends and in the middle of the soil sample line. All samples were dried in the field prior to shipping to the lab.

A total of seven rock samples were collected, although only two were sent for analysis, 19 stream sediment samples and 214 soil samples were collected. Rock and stream sediment samples descriptions are included in Appendix III, sample locations are given on Figure 4 and sample analysis in Appendix II.

8.0 GEOCHEMICAL ANALYTICAL PROCEDURE

All samples were sent to Acme Analytical Laboratories in Vancouver for processing. Acme is an ISO 9002 accredited facility.

The analytical procedure for the soil samples consisted of drying the samples then sieving to -80 mesh. A 30 gm sample of the –80-mesh material was then digested in 180 ml of aqua-regia solution and diluted to 600 ml with distilled water. This solution was then analyzed for 36 elements by Inductively Coupled Plasma Mass Spectrometry (ICP-MS).

The stream sediment samples were analysed by drying the samples then sieving to -80 mesh. A 0.5 gm sample of the –80-mesh material was then digested in 3 ml of aqua-regia solution and diluted to 10 ml with distilled water. This solution was then analyzed for 36 elements by Inductively Coupled Plasma Emission Spectrometry (ICP-ES) and for gold by acid leach and ICP-MS finish.

Rock samples were processed by crushing and pulverizing to –150 mesh, then analysing 0.50 gm of the –150 mesh material in the same manner as the stream sediment samples. Geochemical Analytical Certificates for the 2004 program are included in Appendix II.

9.0 RESULTS

Figure 5 is a plot of gold values for 2004 stream sediment sampling program and the government RGS sampling program. The 2004 sampling program returned two significant stream sediment anomalies; sample krk-04-02 (114.3 ppb) and krk-04-20 (222.1 ppb). Sample krk-04-02 confirmed the anomalous gold in the far eastern part of the tributary. The RGS sample there returned 190 ppb gold. Sample krk-04-20 was collected in the south-western part of the survey area and is an isolated anomalous value. Four other samples collected in the area were less than 1 ppb each.

The re-sampling at the other two anomalous RGS sites, however, did not return anomalous values. On the western part of the survey area the RGS survey returned 888 ppb gold whereas of four samples collected in 2004, three were less than detection and the forth was only 33.8 ppb.

Collection of stream sediment samples in the central part of the reconnaissance area, where there are numerous small lakes, was difficult due to very low stream flow and swampy wetlands. Stream sediment development there is poor and the material is mostly organic ooze. Hence, many proposed sample sites in this area had to be abandoned.

The prospecting and rock sampling was hampered by limited outcrop exposure in the area. Outcrop exposure is estimated to be less than 5%. However, from the minimal outcrop that was observed and from boulder prospecting it appears that the geology is much more complex than is indicated in the government regional geology maps. There appears to be much more volcanic rocks than is indicated. These are probably related to the Skookum Suite rocks. The two rock samples that were sent for analysis did not return any significantly anomalous values.

The soil sample program returned some scattered anomalous values from throughout the survey area. Two samples were highly anomalous from Line 2, being 82.2 and 104.4 ppb. Background values for the region appear to be around 3 ppb. Two stretches of moderately anomalous gold values are observed on Line 2 from 875 m to 1050 m and on Line 3 form 450 to 575 m. Both of these occur on the south slope of the tributary and they could represent a mineralized structure in that area. Elsewhere, there are a few scattered anomalous values on lines 1 and 4 although no defined pattern can be seen. Line 4 was run in the area of the RGS sample that ran 888 ppb and there does not appear to be any obvious soil anomaly associated with a possible source for this stream sediment gold value.

10.0 CONCLUSIONS AND RECOMMENDATIONS

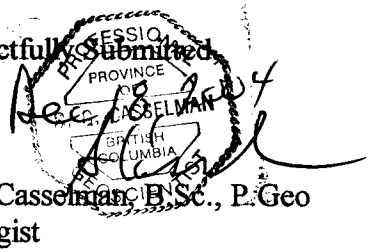
The stream sediment sample program failed to reproduce anomalous gold values from government Regional Geochemical sampling in the area with the exception of one mildly anomalous value in the eastern part of the reconnaissance area. The inability to reproduce a highly anomalous value form the western part of the area is discouraging.

The soil sample program returned two highly anomalous gold values (82.2 and 114.4 ppb) form line 2 and two stretches of mildly anomalous gold-in-soil from lines 2 and 3. Elsewhere there were a few scattered, weakly anomalous gold-in-soil values.

Prospecting and rock sampling did not identify any significant mineralization on the property. However, it did indicate the geological setting is more complex than is indicate from the government regional geological mapping and probably has much greater volcanic component. The program did not return any significant base metals values.

Recommendations for future work in the area are to follow-up the anomalous soil sample results on lines 2 and 3 with additional soil sampling, prospecting and mapping. This area is upstream of the anomalous stream sediment samples from this program and the RGS sampling and is most likely the source of those anomalies.

Respectfully Submitted,



Scott Casselman, B.Sc., P.Geo
Geologist

11.0 STATEMENT OF EXPENDITURES

Contract Services - Aurora Geosciences Ltd	
- crew mobilization/demobilization (Whitehorse to Twin Lakes by truck)	2,782.00
- Geochemical traverses (including, camp rental, food and wages for 2 persons for 4 days)	4,066.00
- Sample shipment costs	55.00
Sample Analysis - Acme Labs	4,778.71
Helicopter Charter – Trans North Helicopters	2,674.97
Report Writing - Aurora Geosciences Ltd	$1,605.00
Total	$ 15,961.68

12.0 REFERENCES

Deklerk, R., 2002. Yukon Minfile, 2002, A Database of Mineral Occurrences. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

Gordey, S. P. and Makepeace, A. J., 1999. Yukon Digital Geology. Geological Survey of Canada, Open File D3826.

Laberge, W. P., 2002. Yukon Placer Database 2002 – Geology and mining activity of placer occurrences. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

APPENDIX I

STATEMENT OF QUALIFICATIONS

Statement of Qualifications

I, Scott Casselman, P. Geo., certify that:

1) I reside at 33 Firth Road, Whitehorse, Yukon Territory, Y1A 4R5

2) I am a geologist employed by Aurora Geosciences Ltd. of Whitehorse, Yukon Territory.

3) I graduated from Carleton University in Ottawa, Ontario with a Bachelor of Science Degree in Geology in 1985 and have worked as a geologist since that time.

4) I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, Registration No. 20032.

5) I compiled this report from data collected by Aurora Geosciences staff on the Kirkland Creek Reconnaissance Project during the summer of 2004.

6) I have not visited the Kirkland Creek Reconnaissance Project Area.

Dated this 6th day of December, 2004, at Whitehorse, Yukon Territory.

PROFESSIONAL ENGINEERS AND GEOSCIENTISTS PROVINCE OF BRITISH COLUMBIA S. G. CASSELMAN

Scott G. Casselman, BSc., P.Geo.

APPENDIX II

GEOCHEMICAL ANALYTICAL CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurora Geosciences Ltd. PROJECT KIRKLAND File # A402901

108 Gold Road, Whitehorse YT Y1A 2W3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
SI	<1	1	<3	2	<.3	1	<1	3	<.01	<2	<8	<2	<2	2	<.5	<3	<3	<1	.10	<.001	<1	<1	.01	2	<.01	<3	<.01	.43	<.01	<2	<.5
KRK-04R-03	3	114	29	247	.6	14	2	387	5.38	17	<8	<2	12	4	2.7	<3	<3	28	.10	.032	6	12	.28	32	.03	<3	1.66	.02	.99	<2	19.4
KRK-04R-07	<1	28	<3	123	<.3	159	5	103	9.63	18	<8	<2	<2	9	<.5	<3	<3	21	.02	.004	1	22	.02	132	<.01	3	.18	<.01	.05	<2	10.1
STANDARD DS5/AU-R	12	142	23	130	<.3	24	11	745	2.91	19	<8	<2	2	45	5.4	4	6	58	.73	.089	11	178	.68	135	.09	16	1.91	.04	.14	6	485.1

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (30 gm)

Data f FA ____ DATE RECEIVED: JUN 21 2004 DATE REPORT MAILED: July 14/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurora Geosciences Ltd. PROJECT KIRLAND File # A402903

10B Gold Road, Whitehorse YT Y1A 2W3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
G-1	1	<1	3	34	<.3	4	3	450	1.77	<2	<8	<2	4	76	<.5	<3	<3	38	.61	.086	7	38	.49	184	.12	<3	.78	.08	.41	<2	<.5
KRK-04-01	1	17	7	47	<.3	10	8	633	2.56	14	<8	<2	2	47	<.5	<3	<3	68	.66	.071	10	17	.33	115	.06	<3	.65	.03	.08	<2	114.3
KRK-04-02	1	16	6	54	<.3	10	8	617	2.71	5	<8	<2	3	48	<.5	<3	<3	72	.72	.082	10	17	.32	111	.07	<3	.65	.03	.08	<2	39.4
KRK-04-03	1	12	3	55	<.3	7	5	501	2.46	4	<8	<2	3	42	<.5	<3	<3	64	.54	.083	12	15	.27	91	.06	<3	.59	.02	.06	<2	.9
KRK-04-04	1	10	<3	43	<.3	8	6	396	1.86	5	<8	<2	2	49	<.5	<3	<3	45	.54	.068	10	12	.31	119	.05	<3	.68	.03	.07	<2	24.6
KRK-04-05	2	12	6	68	<.3	12	10	562	4.47	7	<8	<2	3	52	<.5	<3	<3	136	.65	.097	16	36	.43	122	.10	5	.78	.03	.08	<2	33.7
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KRK-04-07	<1	11	8	50	<.3	9	7	440	3.57	4	<8	<2	3	48	<.5	<3	<3	108	.83	.086	12	24	.29	100	.08	4	.59	.03	.07	<2	2.4
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KRK-04-12	<1	6	3	67	<.3	6	7	1286	1.71	4	<8	<2	2	39	<.5	<3	<3	35	.44	.077	9	10	.25	159	.04	<3	.69	.02	.06	<2	.5
KRK-04-13	<1	7	4	88	<.3	9	7	1273	2.20	4	<8	<2	2	44	<.5	<3	<3	48	.49	.082	10	14	.27	177	.05	<3	.75	.02	.06	<2	.5
KRK-04-14	1	8	4	102	<.3	10	9	1855	2.40	3	<8	<2	2	45	<.5	<3	<3	47	.49	.076	11	14	.27	198	.05	<3	.74	.02	.06	<2	33.8
KRK-04-15	<1	7	5	56	<.3	6	5	289	1.33	3	<8	<2	2	44	<.5	<3	<3	29	.42	.071	10	10	.26	161	.05	<3	.66	.02	.06	<2	.5
KRK-04-16	<1	5	<3	50	<.3	5	5	280	1.28	2	<8	<2	2	37	<.5	<3	<3	26	.37	.068	9	8	.25	141	.04	<3	.61	.02	.05	<2	2.2
RE KRK-04-16	1	5	<3	51	<.3	5	5	279	1.33	3	<8	<2	2	38	<.5	<3	<3	28	.38	.074	9	10	.25	139	.04	<3	.63	.02	.05	<2	.5
KRK-04-17	1	4	3	39	<.3	4	4	218	1.10	3	<8	<2	<2	33	<.5	<3	<3	25	.38	.068	8	8	.22	115	.04	<3	.55	.02	.05	<2	<.5
KRK-04-19	2	11	3	74	<.3	9	6	1971	1.69	6	<8	<2	2	67	<.5	<3	<3	36	.55	.086	14	13	.28	322	.05	3	.76	.02	.05	<2	.6
KRK-04-20	1	9	<3	81	<.3	9	7	1588	2.57	4	<8	<2	2	44	<.5	<3	<3	61	.50	.081	12	15	.26	153	.06	<3	.73	.02	.06	2	222.1
KRK-04-21	1	5	4	29	<.3	4	4	424	1.40	4	<8	<2	2	27	<.5	<3	<3	36	.32	.066	9	12	.17	80	.05	<3	.51	.01	.04	<2	<.5
STANDARD DS5	13	145	25	137	.3	26	12	773	3.04	18	11	<2	3	46	5.7	4	6	62	.76	.096	12	192	.70	142	.10	13	1.99	.04	.15	5	45.0

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SILT SS80 60C AU* BY ACID LEACHED, ANALYZED BY ICP-MS. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Wb FA ____ DATE RECEIVED: JUN 21 2004 DATE REPORT MAILED: July 8/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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GEOCHEMICAL ANALYSIS CERTIFICATE

Aurora Geosciences Ltd. PROJECT KIRKLAND File # A402902 Page 1

108 Gold Road, Whitehorse YT Y1A 2W3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
G-1	1.2	2.8	2.3	41	<.1	4.1	4.0	483	1.74	<.5	1.8	<.5	4.4	73	<.1	<.1	.1	40	.52	.078	7	50.9	.48	215	.118	1	.81	.075	.45	.4	<.01	1.8	.3	<.05	4	<.5	30
L1-0	.4	18.3	4.7	32	.1	9.7	6.0	292	1.92	7.5	.5	2.2	2.4	41	<.1	.2	.1	45	.44	.051	10	18.1	.33	137	.051	1	.94	.023	.06	.1	.03	3.4	.1	<.05	3	<.5	30
L1-25	.7	24.0	4.8	27	.1	7.7	4.8	269	1.59	5.0	.4	1.2	.4	33	.1	.1	.1	41	.39	.044	7	15.5	.25	98	.034	2	.86	.013	.08	.1	.01	1.5	<.1	<.05	3	<.5	30
L1-50	.6	10.2	4.2	26	<.1	5.5	4.0	210	1.35	4.1	.3	1.5	.5	35	.1	.1	.1	38	.39	.056	6	12.6	.24	89	.031	1	.78	.014	.08	.1	.01	1.2	<.1	<.05	3	<.5	30
L1-75	.6	35.9	6.2	40	.1	10.9	8.5	453	2.02	7.7	.8	10.6	1.7	41	<.1	.3	.1	49	.46	.046	15	17.9	.43	120	.048	1	1.08	.031	.14	.1	.03	3.5	.1	<.05	3	<.5	30
L1-100	.5	34.6	4.4	32	.1	10.2	6.5	339	1.92	7.1	.5	6.6	2.5	35	.1	.3	.1	47	.35	.031	13	16.8	.29	86	.058	1	.81	.028	.07	.1	.05	3.4	.1	<.05	3	<.5	30
L1-125	.6	28.6	5.9	41	.1	11.3	7.5	385	2.16	7.5	.8	3.4	2.1	60	.1	.3	.1	52	.83	.068	12	19.3	.44	129	.056	3	.97	.030	.11	.1	.04	3.7	.1	.06	3	.5	30
L1-150	.6	19.0	5.2	33	<.1	8.5	6.1	217	1.91	5.5	.5	1.0	1.8	33	.1	.2	.1	50	.33	.022	10	17.7	.30	77	.051	1	.91	.023	.10	.1	.01	2.8	.1	<.05	3	<.5	30
L1-175	.6	33.0	8.0	46	<.1	14.9	9.4	575	2.64	9.5	.7	3.0	3.5	52	.1	.4	.2	64	.57	.057	16	27.1	.50	196	.070	2	1.47	.031	.15	.1	.04	5.9	.1	<.05	5	<.5	30
L1-200	.8	15.1	5.3	30	<.1	9.6	7.7	277	1.99	6.9	.5	5.4	2.3	33	<.1	.2	.1	46	.35	.040	8	20.6	.31	106	.061	1	1.06	.018	.09	.1	.02	3.2	.1	<.05	3	<.5	30
L1-225	.6	20.1	5.6	38	.1	9.2	6.7	441	1.85	5.8	.9	1.4	1.7	45	.1	.2	.1	49	.56	.050	10	18.2	.30	135	.054	2	1.02	.024	.08	.1	.02	3.0	.1	<.05	3	<.5	30
L1-250	.5	19.8	5.6	37	.1	11.8	8.1	521	2.10	7.1	1.2	3.7	2.4	51	.1	.2	.1	50	.62	.042	11	21.7	.42	195	.063	2	1.14	.030	.08	.1	.03	3.6	.1	<.05	4	.6	30
L1-275	.5	11.7	4.8	30	.1	8.9	6.6	293	1.88	5.6	.6	.8	1.7	40	<.1	.2	.1	45	.41	.042	9	18.4	.30	124	.046	<1	1.05	.021	.05	.1	.03	2.6	<.1	<.05	3	<.5	30
L1-300	.6	17.4	5.8	34	.1	9.0	7.5	340	1.80	5.9	.5	1.1	1.1	34	<.1	.2	.1	51	.38	.038	8	18.8	.34	123	.047	1	1.34	.018	.06	.1	.01	2.4	.1	<.05	4	<.5	30
RE L1-275	.6	11.8	4.8	31	<.1	8.7	6.7	270	1.79	5.9	.6	2.5	1.7	41	.1	.2	.1	46	.44	.046	9	17.7	.29	126	.050	1	1.02	.022	.05	.1	.02	2.9	<.1	<.05	3	<.5	30
L1-325	.7	10.0	5.3	32	.1	7.6	6.3	311	1.68	5.2	.6	1.2	1.3	37	<.1	.2	.1	43	.39	.031	6	16.3	.26	120	.046	1	.96	.019	.05	.1	.01	2.5	<.1	<.05	3	<.5	30
L1-350	.7	22.6	5.6	38	.1	10.7	7.2	385	2.14	7.0	.5	3.0	2.3	45	.1	.3	.1	51	.53	.046	11	21.4	.43	139	.063	2	1.17	.028	.11	.1	.03	4.0	.1	<.05	4	<.5	30
L1-375	.9	45.7	8.9	58	.1	17.3	11.6	673	2.84	10.3	1.0	3.8	3.9	85	.1	.5	.2	64	1.02	.082	19	25.8	.63	205	.063	3	1.38	.053	.18	.1	.06	6.2	.2	<.05	5	.5	30
L1-400	.7	27.7	5.0	37	.1	9.2	7.1	341	1.97	7.1	.7	2.5	1.8	53	<.1	.3	.1	50	.65	.053	11	17.8	.32	99	.049	2	.79	.030	.09	.1	.05	3.5	.1	<.05	3	<.5	30
L1-425	.7	40.2	5.6	45	.1	14.5	9.0	502	2.39	8.7	.5	5.0	2.7	48	.1	.4	.1	54	.52	.058	16	19.0	.33	90	.054	2	.95	.023	.16	.1	.06	4.4	.1	<.05	3	<.5	30
L1-450	.6	16.1	5.6	34	<.1	7.7	7.8	370	1.90	5.3	.4	2.9	2.4	26	<.1	.2	.1	50	.23	.026	9	17.2	.26	87	.059	1	.96	.024	.07	.1	.02	3.0	.1	<.05	3	<.5	30
L1-475	.6	17.9	5.3	42	.1	9.8	7.6	670	1.96	4.1	.4	.9	2.3	36	.1	.2	.1	55	.42	.064	10	20.2	.26	166	.058	2	.99	.022	.15	.1	<.01	3.6	.1	<.05	3	<.5	30
L1-500	.6	17.5	4.9	35	.1	8.5	7.0	403	1.91	5.5	.4	.5	2.3	33	<.1	.2	.1	50	.33	.040	9	17.1	.25	129	.055	1	.88	.018	.12	.1	.01	3.2	.1	<.05	3	<.5	30
L1-525	.7	27.5	5.4	41	.1	9.6	7.7	497	1.92	8.1	.5	3.4	2.8	86	.1	.4	.1	52	1.74	.070	11	16.7	.42	120	.055	2	.81	.032	.08	<.1	.06	3.9	.1	<.05	3	<.5	30
L1-550	.5	34.2	5.5	44	.1	10.0	7.3	416	2.03	6.9	.4	5.8	2.2	79	.2	.3	.1	54	2.29	.071	11	18.0	.43	132	.057	1	.93	.025	.12	.1	.02	3.6	.1	<.05	3	<.5	30
L1-575	.5	32.2	5.7	45	.1	9.4	7.6	412	2.11	6.6	.4	3.7	2.6	96	.1	.3	.1	51	1.94	.059	11	17.6	.49	124	.061	2	.92	.025	.09	.1	.05	3.8	.1	<.05	3	.5	30
L1-600	.5	25.0	5.4	41	<.1	9.4	7.3	418	2.20	6.3	.5	35.0	3.1	41	<.1	.2	.1	59	.41	.045	12	16.8	.35	136	.067	1	.95	.024	.10	.1	.03	3.9	.1	<.05	3	<.5	30
L1-650	.9	36.4	5.7	46	<.1	12.5	9.1	414	2.46	8.4	.7	2.7	3.9	42	<.1	.4	.1	62	.37	.034	17	22.0	.41	108	.072	1	1.23	.025	.08	.1	.04	6.3	.1	<.05	4	<.5	30
L1-675	.8	24.4	5.3	37	<.1	9.2	6.8	209	2.13	7.0	.3	4.0	1.7	31	<.1	.2	.1	57	.28	.021	6	19.4	.34	96	.066	<1	1.42	.017	.10	<.1	.01	3.0	.1	<.05	4	<.5	30
L1-700	.4	16.4	4.7	30	<.1	7.4	5.5	267	1.68	5.4	.7	2.3	3.0	39	.1	.2	.1	50	.31	.045	14	15.3	.25	85	.055	1	.80	.027	.07	.1	.02	3.5	<.1	<.05	3	<.5	30
L1-750	.5	19.9	4.5	31	<.1	7.7	7.1	380	1.65	4.8	.4	2.1	1.7	45	<.1	.2	.1	49	.52	.060	9	14.7	.27	89	.043	1	.70	.028	.05	.1	.03	2.8	.1	<.05	2	<.5	30
L1-775	.6	17.5	4.8	29	<.1	7.9	5.9	219	1.78	5.5	.6	2.5	2.5	39	<.1	.2	.1	46	.31	.033	9	13.8	.26	121	.050	2	.96	.027	.05	.1	.02	3.0	<.1	<.05	3	<.5	30
L1-800	.7	27.0	5.5	44	.1	10.0	7.6	426	1.99	6.4	.4	2.7	2.5	55	.1	.3	.1	51	.83	.057	11	17.4	.38	132	.061	1	.99	.032	.10	.1	.02	3.9	.1	<.05	4	<.5	30
L1-850	.7	26.8	7.4	52	.1	12.3	8.8	539	2.38	7.0	.6	2.7	3.0	60	<.1	.3	.1	58	.65	.081	13	21.7	.48	182	.070	1	1.27	.036	.13	.1	.04	4.6	.1	<.05	4	<.5	30
L1-875	.9	42.5	7.8	62	.1	17.1	10.5	590	2.68	9.1	.8	3.8	3.3	68	.1	.4	.1	62	.89	.106	17	24.2	.51	209	.073	2	1.45	.033	.13	.1	.08	6.0	.1	<.05	5	<.5	30
STANDARD DS5	12.4	141.2	25.5	135	.3	23.4	12.5	802	2.93	19.7	6.1	44.9	2.8	45	5.6	3.9	6.2	62	.72	.094	12	188.4	.70	143	.102	17	2.00	.034	.14	5.2	.18	3.4	1.1	<.05	6.4	<.5	30

GROUP 1DX - 30.0 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____ DATE RECEIVED: JUN 21 2004 DATE REPORT MAILED: Jul. 2/2004

BRITISH COLUMBIA CERTIFIED ASSAYER Jacky Wang

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L1-975	.8	26.9	7.0	53	.1	14.5	8.6	558	2.21	7.8	.7	3.6	2.7	63	.2	.4	.1	52	.85	.097	13	19.8	.48	191	.058	2	1.09	.033	.12	.1	.05	5.1	.1	<.05	4	<.5	30
L1-1000	.9	42.4	9.9	68	.1	17.8	11.4	720	2.98	11.7	.9	2.5	3.6	93	.1	.4	.2	68	1.21	.107	19	25.9	.75	235	.066	2	1.69	.047	.19	.1	.07	6.9	.1	.06	5	<.5	30
L1-1050	.7	22.8	6.8	47	.1	13.6	7.4	368	2.41	7.9	.7	2.0	3.2	63	.1	.3	.2	56	.64	.048	13	21.3	.48	203	.059	1	1.42	.024	.10	.1	.05	5.8	.1	<.05	5	<.5	30
L1-1075	.7	49.4	10.9	69	.1	19.4	13.0	805	3.26	12.0	.8	3.1	4.0	81	.1	.5	.2	70	.84	.083	24	26.2	.73	250	.059	1	2.05	.032	.12	.1	.09	7.0	.1	<.05	6	<.5	15
L1-1125	.9	44.2	10.0	66	.2	20.9	12.2	768	3.12	11.6	1.2	3.4	4.0	92	.1	.6	.2	71	1.01	.106	21	29.2	.77	254	.073	2	1.81	.050	.17	.1	.11	7.0	.1	.06	6	.5	15
L1-1150	.7	20.2	8.1	47	.1	15.6	8.9	492	2.50	6.1	.8	.6	2.5	44	.1	.3	.1	63	.59	.027	16	29.2	.56	201	.085	1	1.67	.045	.09	.1	.02	5.2	.1	<.05	5	<.5	30
L1-1175	.9	39.8	11.2	66	<.1	21.1	12.1	757	3.33	11.4	1.7	2.5	3.9	76	.1	.4	.2	77	.87	.061	22	33.6	.83	250	.083	2	2.25	.035	.17	.1	.06	8.3	.1	<.05	7	.5	15
L1-1200	.8	46.4	10.2	64	.1	20.5	11.9	798	3.03	10.3	.9	1.2	2.9	80	.1	.4	.2	70	.91	.069	22	26.9	.72	283	.064	1	1.93	.034	.15	.1	.06	6.4	.1	<.05	6	.5	30
L1-1225	.8	45.0	10.0	62	.1	19.5	11.7	692	3.03	10.9	.9	2.3	3.4	79	.1	.4	.2	70	.80	.074	21	28.6	.69	229	.064	1	1.93	.031	.16	.1	.05	6.4	.1	<.05	6	<.5	15
L1-1250	.7	30.0	9.6	53	.1	18.2	11.1	481	2.99	10.8	1.1	.9	4.3	61	.1	.4	.2	71	.72	.040	17	34.0	.77	185	.078	1	2.06	.035	.16	.1	.04	7.5	.1	<.05	6	.5	15
L1-1275	.8	36.0	9.2	70	.1	19.8	13.2	733	3.06	10.1	.6	1.6	2.9	82	.1	.3	.2	71	.93	.058	10	32.4	.90	234	.079	3	2.02	.038	.25	.1	.03	6.3	.1	<.05	6	.5	15
L1-1300	.7	37.2	9.6	60	.1	17.2	12.8	799	2.88	8.9	1.1	1.5	2.4	91	.1	.4	.2	65	1.09	.059	14	27.1	.68	251	.061	1	1.68	.033	.17	.1	.05	5.9	.1	<.05	5	<.5	30
L1-1325	.8	33.8	8.5	56	.1	15.1	11.0	677	2.75	6.9	1.1	2.0	4.3	68	<.1	.3	.2	67	.69	.067	39	26.7	.63	210	.060	2	1.54	.027	.14	<.1	.04	7.6	.1	<.05	5	.6	15
L1-1350	.8	53.3	8.9	54	.1	14.2	11.5	595	2.58	9.9	1.5	1.4	3.5	72	.1	.5	.2	64	.78	.070	20	23.6	.59	194	.053	1	1.62	.034	.12	<.1	.04	6.4	.1	<.05	5	.5	15
L1-1375	.8	38.8	8.0	49	.1	16.3	9.5	545	2.40	9.4	1.3	1.6	3.1	63	.1	.4	.2	54	.64	.037	19	24.0	.56	192	.057	1	1.52	.047	.16	<.1	.04	5.5	.1	<.05	5	.5	30
L1-1400	.8	41.5	9.4	64	.1	18.4	11.8	867	2.88	9.7	1.1	3.2	3.4	92	.1	.4	.2	66	.96	.077	18	23.3	.71	212	.053	3	1.47	.049	.14	.1	.07	6.0	.1	<.05	5	.5	15
L1-1475	.6	22.2	5.4	40	.1	13.0	7.0	389	2.14	5.7	.6	1.9	2.0	83	.1	.3	.1	47	1.25	.049	13	16.4	.38	178	.033	3	.94	.022	.07	<.1	.06	4.4	.1	<.05	4	.6	30
L1-1500	1.1	24.0	10.5	61	.1	17.5	14.2	490	3.37	7.5	.7	<.5	3.8	50	.1	.4	.2	74	.40	.018	16	29.5	.67	227	.065	2	2.48	.027	.12	<.1	.02	7.7	.1	<.05	7	<.5	15
RE L2-50	.5	13.3	3.8	28	.1	7.3	4.7	249	1.47	5.2	.5	5.5	1.8	50	.1	.2	.1	34	.55	.049	8	14.0	.30	96	.034	1	.63	.024	.07	.1	.04	3.1	.1	<.05	2	<.5	30
L2-0	.6	18.5	4.8	39	.1	10.1	5.4	271	1.88	7.2	.7	1.6	2.1	62	.1	.3	.1	47	.85	.063	9	17.1	.41	110	.044	2	.82	.028	.09	.1	.03	4.0	.1	.07	3	<.5	30
L2-25	.6	21.6	4.4	38	.1	10.6	6.1	374	1.78	7.0	.8	.6	1.4	74	.1	.3	.1	44	.90	.045	8	17.3	.43	131	.038	3	.89	.028	.13	.1	.03	3.8	.1	<.05	3	<.5	30
L2-50	.4	13.9	4.0	30	.1	8.5	5.0	242	1.55	5.5	.5	1.5	1.9	50	<.1	.2	.1	38	.62	.051	8	13.5	.32	102	.037	3	.67	.026	.07	.1	.05	3.5	.1	<.05	2	<.5	30
L2-75	.6	25.7	5.6	40	.1	12.5	6.8	395	1.94	7.4	.5	11.1	2.3	61	.1	.3	.1	45	.92	.045	11	18.1	.45	141	.051	2	1.01	.032	.13	.1	.04	4.5	.1	<.05	4	<.5	30
L2-100	.7	22.9	5.8	44	.1	14.2	7.9	429	2.40	7.7	.5	2.3	2.4	49	.1	.4	.1	58	.59	.064	12	22.6	.37	120	.052	2	.82	.022	.11	.1	.04	3.6	.1	<.05	3	<.5	30
L2-125	.6	34.7	6.1	44	.1	15.9	8.5	506	2.12	7.6	.6	1.2	2.1	69	.1	.4	.1	52	.85	.064	12	20.2	.47	172	.053	3	1.12	.035	.14	.1	.06	4.7	.1	<.05	4	.6	30
L2-150	.6	20.1	6.0	41	.1	10.1	7.6	490	1.92	7.4	.4	1.0	1.9	47	.1	.3	.1	51	.58	.051	8	18.7	.36	132	.052	1	.82	.029	.08	.1	.07	3.4	.1	<.05	3	<.5	30
L2-175	.5	28.0	5.8	46	.1	12.7	6.3	269	2.06	7.1	.6	1.6	2.3	65	.1	.3	.1	49	.89	.062	12	19.9	.48	161	.052	2	1.21	.036	.10	.1	.05	4.5	.1	<.05	4	<.5	30
L2-200	.5	31.9	5.5	43	.1	14.0	7.0	371	1.98	6.7	.5	2.1	2.1	61	.1	.3	.1	45	.88	.058	11	18.9	.46	163	.045	1	1.01	.038	.09	.1	.05	4.2	.1	<.05	4	.5	30
L2-225	.6	25.9	6.6	45	.1	12.7	7.1	322	2.23	7.3	.6	1.7	2.8	58	.1	.3	.1	48	.74	.058	12	20.2	.48	154	.054	1	1.06	.037	.09	.1	.04	4.5	.1	<.05	4	<.5	30
L2-250	.5	27.6	6.1	43	.1	12.7	7.5	380	2.09	6.6	.9	1.7	2.3	73	.1	.3	.1	47	1.06	.061	11	19.6	.50	151	.049	2	1.12	.046	.09	.1	.04	4.8	.1	.07	4	.5	30
L2-275	.8	43.1	9.5	66	.2	20.0	11.8	600	3.16	10.4	.9	1.1	4.2	83	.1	.5	.2	67	.95	.069	18	28.0	.70	218	.069	1	1.62	.035	.17	<.1	.08	7.1	.1	<.05	6	.5	15
L2-300	.8	40.8	8.4	66	.1	19.8	10.8	525	3.17	10.4	1.0	1.0	3.9	82	.1	.4	.2	64	.89	.087	18	29.8	.73	231	.068	1	1.69	.035	.20	.1	.07	7.0	.1	<.05	6	<.5	30
L2-325	.7	45.7	9.4	73	.1	19.3	11.5	602	3.30	11.1	.9	2.6	4.2	80	<.1	.4	.2	71	.92	.097	17	29.6	.78	228	.075	2	1.63	.039	.21	.1	.08	6.8	.2	<.05	6	.5	30
L2-350	.9	50.0	9.5	75	.1	21.2	11.8	813	3.40	12.0	.7	1.3	4.8	94	.1	.4	.2	71	1.41	.113	19	28.6	.74	232	.070	2	1.49	.050	.20	<.1	.09	7.5	.2	<.05	5	<.5	15
STANDARD DS5	12.3	140.6	25.2	138	.3	24.5	11.6	794	3.03	19.9	6.1	43.8	2.5	46	5.6	3.8	6.0	60	.76	.099	11	190.2	.68	141	.091	17	1.97	.031	.13	5.3	.17	3.3	1.1	<.05	7	5.1	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L2-375	.6	34.2	9.5	62	.1	14.3	8.6	373	2.79	9.1	.9	2.3	3.9	91	.1	.4	.2	63	1.14	.083	16	25.8	.65	195	.075	3	1.48	.047	.24	.1	.06	6.1	.1	<.05	5	<.5	30.0
L2-400	.7	28.9	7.7	64	.1	13.8	8.2	426	2.70	9.2	1.1	1.0	2.9	73	.1	.3	.2	60	.92	.078	13	26.7	.66	175	.064	1	1.58	.034	.23	.1	.04	5.2	.1	.07	5	.5	30.0
L2-425	.8	44.1	8.8	71	.1	21.3	10.7	554	3.22	10.6	.8	1.6	3.9	84	.1	.4	.2	71	.93	.097	18	35.2	.77	245	.083	2	1.93	.044	.26	.1	.06	6.7	.2	<.05	6	.5	15.0
L2-450	.8	45.6	9.5	70	.2	21.0	11.4	586	3.18	11.7	1.0	2.9	3.8	80	.1	.5	.2	70	.86	.096	20	30.7	.75	241	.072	3	1.99	.032	.26	.1	.08	6.9	.1	<.05	6	.5	15.0
L2-475	.9	22.0	8.3	52	.1	19.5	11.1	638	2.86	9.3	.7	3.1	3.2	60	.1	.3	.2	67	.75	.054	11	36.3	.76	193	.089	2	1.77	.025	.19	.1	.02	5.1	.1	<.05	6	.5	30.0
L2-500	.9	40.8	10.1	79	.1	23.4	14.3	816	3.52	12.1	1.5	2.6	4.7	100	.1	.5	.3	76	1.06	.079	16	35.1	.98	266	.097	2	2.01	.048	.28	.1	.07	7.8	.2	<.05	7	.6	30.0
L2-525	.8	55.3	10.1	72	.1	26.8	13.0	695	3.57	11.6	1.7	2.2	4.1	96	.1	.5	.2	81	1.15	.071	27	45.1	1.00	300	.095	3	2.38	.041	.31	.1	.08	7.4	.2	<.05	7	.6	30.0
L2-550	1.0	46.6	11.1	68	.1	23.4	14.1	913	3.20	12.2	1.0	3.0	4.8	87	.1	.6	.2	67	.90	.072	22	28.4	.77	237	.082	3	1.64	.058	.21	.1	.10	7.2	.2	<.05	6	.5	7.5
L2-575	1.1	52.2	10.2	67	.2	22.6	12.9	870	3.16	12.1	1.2	3.3	4.7	98	.1	.6	.2	71	1.19	.112	23	30.0	.76	225	.076	2	1.47	.052	.21	.1	.12	6.5	.2	<.05	5	.5	30.0
L2-600	1.0	42.0	10.3	71	.1	20.2	13.1	844	3.35	12.0	.9	1.8	4.2	95	.1	.4	.2	72	1.00	.099	19	29.1	.79	253	.077	3	1.64	.054	.21	.1	.07	6.7	.2	<.05	6	<.5	15.0
L2-625	1.1	32.4	7.5	61	.1	15.2	9.5	1045	2.47	7.4	1.5	2.0	2.6	104	.2	.3	.1	55	1.21	.094	15	24.0	.49	204	.057	3	1.10	.040	.11	.1	.06	4.8	.1	<.05	4	.6	30.0
L2-650	.7	17.9	5.6	40	.1	9.3	6.6	597	1.81	5.4	1.0	17.8	2.3	65	.1	.2	.1	42	.74	.087	12	16.5	.40	154	.049	2	.92	.032	.11	.1	.04	3.3	.1	<.05	3	.5	30.0
L2-675	.8	40.1	10.1	65	.1	19.4	11.4	670	3.04	10.1	.8	1.6	4.0	82	.1	.4	.2	69	.84	.091	18	28.8	.66	223	.076	3	1.53	.039	.20	.1	.07	6.3	.1	<.05	5	<.5	30.0
L2-700	.3	23.5	3.2	31	.1	9.7	4.8	212	1.44	3.8	.5	1.0	.9	60	.1	.2	.1	34	.93	.070	9	13.5	.34	139	.055	2	.90	.044	.12	.1	.03	2.5	.1	.07	3	.5	30.0
L2-725	.7	40.9	9.6	61	.1	21.0	11.6	683	3.07	10.3	.8	1.8	3.6	78	.1	.5	.2	65	.93	.056	15	29.5	.69	229	.075	3	1.76	.044	.19	.1	.06	6.7	.1	<.05	6	<.5	15.0
L2-750	.7	38.6	10.2	65	.1	19.8	13.7	803	3.33	11.8	1.3	1.2	3.9	84	.2	.5	.2	72	.92	.058	20	30.1	.77	232	.075	3	1.85	.034	.20	.1	.05	6.9	.1	<.05	6	.5	15.0
L2-775	.7	37.1	9.5	67	.1	23.1	12.6	650	3.28	9.3	1.1	1.2	4.1	69	.1	.4	.2	76	.94	.055	16	44.0	.94	232	.110	4	2.18	.041	.28	.1	.05	7.4	.2	<.05	7	<.5	7.5
L2-800	.6	38.0	7.4	53	.1	16.4	8.9	544	2.70	7.8	1.1	2.2	2.4	97	.1	.3	.2	61	1.65	.059	17	32.3	.72	255	.070	2	1.77	.029	.17	.1	.05	5.9	.1	<.05	5	.6	30.0
L2-850	.7	37.0	6.6	62	.1	14.5	7.6	380	2.43	7.3	.8	.8	1.9	81	.2	.3	.1	56	1.11	.051	9	22.9	.51	208	.057	2	1.49	.028	.18	.1	.06	5.1	.1	.06	5	.5	30.0
L2-875	.8	25.9	6.0	45	.1	8.4	6.4	373	2.43	8.3	.6	5.0	2.4	56	.1	.3	.1	58	.72	.088	13	19.1	.29	125	.059	3	.79	.028	.09	.1	.05	3.7	.1	<.05	3	<.5	30.0
RE L2-875	.8	27.4	5.9	46	.1	8.6	6.6	385	2.35	8.0	.5	4.4	2.3	56	.1	.3	.1	60	.74	.095	12	19.0	.30	113	.057	3	.83	.029	.10	.1	.07	3.7	.1	<.05	3	<.5	30.0
L2-900	.6	12.7	4.2	37	.1	9.6	5.8	242	1.94	4.2	.3	82.2	1.2	35	.1	.2	.1	52	.46	.030	5	17.0	.33	105	.059	1	.96	.023	.10	.1	.01	2.0	.1	<.05	4	<.5	30.0
L2-925	.8	41.2	6.1	44	.1	11.8	8.1	548	2.34	6.9	1.1	5.3	2.4	74	.1	.3	.1	52	1.00	.105	18	18.6	.41	173	.056	3	.94	.029	.11	.1	.07	4.1	.1	<.05	3	.6	30.0
L2-975	.6	24.3	7.9	54	.1	9.5	7.3	251	2.12	5.1	.8	3.5	1.9	54	.1	.2	.1	56	.64	.065	12	20.3	.42	152	.056	1	1.13	.020	.11	.1	.03	3.6	.1	<.05	4	<.5	30.0
L2-1000	.9	10.5	7.2	59	.1	8.0	7.6	599	2.25	5.2	.3	<.5	1.2	38	.1	.2	.1	60	.42	.032	6	19.0	.34	128	.054	1	1.06	.016	.10	.1	.01	2.4	.1	<.05	5	<.5	30.0
L2-1025	.7	22.3	6.5	51	.1	11.4	6.9	825	2.21	5.5	.7	5.2	2.1	75	.1	.3	.1	53	.89	.087	11	21.2	.41	172	.058	2	1.07	.026	.11	.1	.03	4.0	.1	<.05	4	.5	30.0
L2-1050	.6	26.4	5.7	45	.1	11.4	6.6	419	2.14	6.3	.6	8.2	1.5	66	.1	.2	.1	54	.81	.065	10	20.9	.45	165	.056	3	1.16	.024	.12	.1	.03	4.0	.1	<.05	4	.5	30.0
L2-1075	.5	14.6	4.7	43	<.1	7.8	5.7	313	1.68	4.9	.4	<.5	1.6	50	.1	.2	.1	43	.52	.054	7	15.2	.30	122	.047	1	.74	.019	.09	.1	.02	2.5	.1	<.05	3	<.5	30.0
L2-1125	.6	13.1	5.1	40	.1	7.7	6.6	329	1.93	5.1	.5	<.5	1.2	51	.1	.2	.1	49	.57	.058	7	16.7	.33	144	.050	1	.91	.025	.11	.1	.01	2.6	.1	<.05	3	<.5	30.0
L2-1150	.6	24.5	5.4	49	.1	11.4	7.4	430	2.26	6.1	.7	1.5	2.0	62	.1	.3	.1	48	.82	.078	11	18.5	.42	161	.053	3	.99	.027	.13	.1	.04	3.9	.1	<.05	4	.5	30.0
L2-1175	.6	17.6	6.5	49	.1	9.8	7.7	581	2.08	5.5	.5	.7	1.6	48	.1	.2	.1	55	.56	.060	9	21.0	.38	196	.061	2	1.09	.021	.11	.1	.02	3.4	.1	<.05	4	<.5	30.0
L2-1200	.7	22.7	6.2	47	.1	10.0	7.0	369	2.45	7.4	.5	.6	1.6	59	.1	.3	.1	56	.66	.066	9	20.2	.41	157	.056	2	1.16	.024	.12	.1	.03	3.9	.1	<.05	4	<.5	30.0
L2-1225	.5	21.1	5.8	34	<.1	9.7	7.3	353	1.88	5.5	1.0	<.5	1.1	47	<.1	.3	.1	44	.61	.045	12	16.4	.36	148	.046	2	1.17	.036	.09	.1	.03	3.5	.1	<.05	4	.5	30.0
L2-1250	.7	38.0	9.4	50	.1	16.8	11.4	744	2.86	7.7	1.6	1.4	1.7	60	.1	.4	.2	67	.72	.049	20	28.0	.62	247	.052	2	1.92	.024	.13	.1	.03	5.7	.1	<.05	6	.5	30.0
STANDARD DS5	12.3	144.6	25.3	140	.4	26.1	12.7	841	3.16	19.4	6.2	43.0	2.7	48	5.7	3.9	6.3	63	.72	.103	12	200.2	.69	145	.104	18	1.93	.034	.17	5.3	.18	3.4	1.1	<.05	7	5.3	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L2-1275	.5	24.8	6.7	44	.1	11.3	8.5	521	2.27	6.1	.9	1.0	2.1	51	.1	.3	.1	51	.69	.033	13	21.3	.49	196	.052	1	1.46	.024	.07	.1	.03	4.1	.1	<.05	4	<.5	30
L2-1300	.7	25.3	6.9	49	.1	18.1	8.3	688	2.56	7.5	2.4	2.2	2.0	63	.1	.3	.2	63	.82	.056	14	29.4	.53	282	.058	2	1.66	.024	.08	.1	.04	4.9	.1	<.05	5	.5	30
L2-1350	.8	29.4	7.5	49	.1	15.2	10.1	682	2.51	7.5	.7	2.7	2.3	91	.1	.4	.2	57	1.23	.091	13	26.5	.56	230	.056	2	1.69	.026	.11	.1	.05	4.5	.1	<.05	5	.5	30
L2-1375	.5	12.7	4.6	30	<.1	8.5	5.2	311	1.64	3.8	.4	2.7	1.4	40	<.1	.2	.1	41	.48	.053	7	18.1	.36	140	.056	1	1.06	.019	.06	.1	.02	2.1	.1	<.05	3	<.5	30
L2-1400	.5	13.5	4.7	40	.1	11.9	6.4	315	2.14	4.8	.6	104.4	2.6	42	<.1	.2	.1	49	.53	.047	10	23.2	.44	164	.072	1	1.44	.019	.09	.1	.01	3.5	.1	<.05	4	<.5	30
L2-1425	.5	19.9	5.1	45	<.1	9.1	6.2	363	1.98	5.5	.6	1.3	1.9	43	<.1	.2	.1	46	.49	.031	7	17.1	.38	211	.054	1	1.22	.017	.09	.1	.02	3.1	.1	<.05	4	<.5	30
L3-0	.6	28.6	7.7	57	.1	13.1	7.0	447	2.64	7.4	1.0	1.7	3.5	62	.1	.3	.2	56	.76	.083	16	23.8	.51	208	.060	1	1.50	.023	.12	.1	.06	5.1	.1	<.05	5	<.5	15
L3-25	.6	26.1	7.1	62	.1	11.3	8.6	651	2.44	6.7	.8	2.2	3.0	61	.1	.3	.1	53	.76	.085	13	20.4	.37	165	.060	3	1.01	.027	.10	.1	.05	4.3	.1	<.05	4	.5	30
L3-50	.4	19.7	5.6	50	.1	8.7	6.7	400	1.87	6.4	.6	2.9	2.5	48	.1	.3	.1	45	.59	.084	11	15.4	.28	127	.051	2	.83	.023	.09	.1	.04	3.3	.1	<.05	3	<.5	30
L3-100	.7	21.9	7.3	48	<.1	14.6	7.8	413	2.76	8.3	.5	6.3	2.5	49	<.1	.3	.2	65	.55	.039	9	28.9	.54	175	.067	2	1.67	.022	.11	<.1	.03	4.2	.1	<.05	5	<.5	30
L3-125	.8	31.4	8.6	68	.1	14.4	10.1	641	2.89	9.3	.7	2.2	3.2	61	.1	.4	.2	67	.72	.055	11	27.2	.57	203	.071	2	1.66	.034	.12	.1	.04	5.3	.1	<.05	5	.5	30
L3-150	.3	14.8	2.5	26	.1	6.0	3.4	162	1.13	2.9	.2	.7	.9	29	<.1	.2	.1	26	.37	.042	6	8.3	.19	80	.036	1	.58	.038	.06	<.1	.03	1.7	<.1	<.05	2	<.5	30
L3-175	.8	29.0	6.9	51	.1	13.3	9.1	842	2.37	8.1	.8	1.3	2.5	58	.1	.3	.1	54	.78	.071	13	20.7	.47	195	.058	2	1.34	.032	.11	.1	.07	4.2	.1	<.05	4	<.5	30
L3-200	.7	19.3	7.6	57	.1	11.0	9.6	716	2.47	7.5	.7	2.0	2.7	56	.1	.3	.1	58	.66	.073	12	20.7	.47	171	.060	2	1.18	.030	.10	.1	.07	4.4	.1	<.05	4	<.5	30
L3-225	.6	22.7	5.5	51	.1	10.8	6.9	431	1.95	5.9	.6	1.3	1.8	67	.1	.3	.1	43	.88	.071	11	16.4	.40	153	.046	2	1.08	.034	.09	.1	.05	3.5	.1	<.05	4	<.5	30
L3-250	.7	21.3	6.7	53	.1	11.3	7.3	428	2.17	6.4	.7	1.4	2.3	59	.1	.3	.1	45	.73	.066	10	18.7	.43	159	.054	2	1.20	.030	.10	.1	.05	4.0	.1	<.05	4	<.5	30
RE L3-400	.7	19.6	5.7	41	.1	7.4	5.8	426	1.96	5.7	.9	3.2	1.9	69	.1	.3	.1	47	1.06	.075	11	16.0	.35	143	.055	2	.86	.031	.08	.1	.04	3.4	.1	.06	3	<.5	30
L3-275	.7	19.2	5.9	44	.1	9.1	6.5	456	2.17	6.5	.6	13.3	2.5	52	.1	.3	.1	50	.57	.085	12	18.9	.39	146	.061	2	1.07	.027	.08	.1	.07	3.6	.1	<.05	4	<.5	30
L3-300	.9	32.6	10.0	76	.1	16.2	13.6	657	3.08	8.7	.5	<.5	2.5	43	.3	.4	.2	75	.55	.028	9	33.1	.61	207	.059	2	2.08	.025	.12	<.1	.01	4.6	.1	<.05	6	<.5	15
L3-325	.4	15.0	4.9	52	.1	7.8	5.8	360	1.67	4.4	.6	1.3	1.7	53	.1	.2	.1	40	.69	.069	9	15.2	.34	127	.052	2	.89	.029	.09	.1	.04	3.1	.1	.07	3	<.5	30
L3-350	.8	24.8	6.9	41	<.1	11.2	7.5	196	2.62	7.7	.5	.7	2.2	30	.2	.3	.1	66	.32	.014	7	23.9	.41	98	.056	1	1.63	.019	.08	<.1	.02	3.7	.1	<.05	5	<.5	30
L3-375	.9	34.4	6.8	54	.1	13.1	8.2	672	2.53	7.8	.8	2.2	2.9	64	.1	.4	.1	56	.80	.098	16	21.1	.42	168	.066	3	1.11	.041	.09	.1	.08	4.8	.1	<.05	4	<.5	30
L3-400	.6	21.1	5.7	44	.1	7.8	6.0	394	1.94	5.8	.9	2.3	1.9	68	.1	.2	.1	48	1.02	.078	10	15.8	.35	134	.051	2	.88	.031	.08	.1	.05	3.3	.1	.08	3	.5	30
L3-425	.8	19.9	5.1	31	<.1	9.6	5.4	143	2.04	4.0	.4	.9	1.7	25	.1	.2	.1	56	.25	.016	7	19.7	.31	87	.064	1	1.25	.025	.06	.1	.01	2.5	.1	<.05	4	<.5	30
L3-450	.7	24.4	6.6	48	.1	8.8	6.4	359	2.36	8.9	.5	3.3	2.9	50	.1	.3	.1	54	.55	.081	12	18.4	.33	132	.069	3	.92	.036	.07	.1	.05	3.8	.1	<.05	3	.5	30
L3-475	.6	17.9	5.7	48	.1	9.3	6.2	408	2.15	6.4	.4	42.2	2.4	52	.1	.2	.1	50	.57	.039	8	17.6	.36	163	.060	2	1.03	.026	.08	.1	.03	3.9	.1	<.05	4	<.5	30
L3-550	1.0	34.8	7.2	59	.1	14.8	7.8	478	2.66	8.3	1.1	3.2	3.1	59	.1	.3	.1	62	.74	.081	17	26.1	.49	177	.069	2	1.29	.032	.13	.1	.06	5.1	.1	<.05	5	<.5	30
L3-575	.9	47.7	7.3	60	.1	17.3	9.3	531	2.74	7.7	1.2	3.6	2.9	56	.1	.3	.2	61	.77	.065	20	27.1	.54	209	.066	2	1.43	.036	.10	.1	.06	5.7	.1	<.05	5	.5	30
L3-600	.7	28.8	7.3	57	.1	13.0	8.1	505	2.69	7.7	.9	1.7	2.9	56	.1	.3	.1	62	.69	.072	13	25.2	.48	172	.068	2	1.25	.029	.10	.1	.06	5.1	.1	<.05	4	.6	30
L3-675	.7	26.8	6.8	57	<.1	13.7	7.9	445	2.49	8.1	.6	2.5	3.2	51	.1	.3	.1	60	.63	.061	12	23.5	.42	157	.070	2	1.20	.027	.11	.1	.04	5.3	.1	<.05	4	.5	30
L3-1025	1.1	18.4	6.1	40	.1	9.5	7.7	740	2.34	3.6	1.1	<.5	1.1	96	.1	.2	.1	58	.29	.028	5	21.7	.52	188	.059	1	1.16	.021	.13	<.1	.01	2.5	.1	<.05	4	<.5	30
L3-1050	.6	29.3	6.5	43	.1	11.0	6.8	334	2.25	6.7	.6	2.4	3.8	60	.1	.3	.1	53	.55	.045	20	18.1	.33	143	.058	1	1.04	.034	.08	.1	.04	5.0	.1	<.05	4	<.5	30
L3-1075	.9	19.8	7.6	80	.1	10.8	7.6	941	2.58	5.1	.8	<.5	4.4	53	.1	.2	.1	49	.46	.088	26	18.4	.40	313	.049	3	1.25	.015	.34	.1	.02	5.8	.1	<.05	5	<.5	30
L3-1100	.8	19.3	8.4	115	.1	15.8	12.2	1334	3.90	8.1	.9	1.9	7.4	77	.1	.3	.1	66	.63	.070	60	19.2	.54	367	.040	2	1.47	.014	.41	<.1	.06	12.8	.2	.06	7	.8	30
STANDARD DS5	12.4	139.8	25.4	138	.3	25.5	12.3	839	3.09	19.3	6.1	44.0	2.7	44	5.7	3.9	6.4	62	.72	.095	12	194.0	.71	144	.098	18	2.12	.034	.14	5.2	.20	3.3	1.2	<.05	6	5.2	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L3-1125	.9	22.6	8.3	58	.1	14.5	10.8	754	2.97	7.7	.5	<.5	3.2	50	.1	.4	.2	66	.47	.027	10	27.8	.48	204	.079	2	1.61	.030	.22	.1	.02	5.1	.1	<.05	5	<.5	30
L3-1150	.8	19.6	5.1	46	<.1	8.9	8.0	291	2.63	4.6	.4	.5	2.0	28	.1	.3	.1	71	.26	.036	7	20.5	.34	110	.082	1	.98	.016	.18	.1	.01	3.3	.1	<.05	4	<.5	30
L3-1175	.7	9.6	6.1	54	<.1	8.3	7.1	356	2.52	4.2	.4	.9	2.2	25	.1	.2	.1	66	.24	.026	7	20.2	.35	188	.056	1	1.09	.017	.13	<.1	<.01	3.0	.1	<.05	4	<.5	30
L3-1200	.7	13.9	5.4	43	<.1	8.3	4.9	151	2.05	2.5	.3	<.5	1.6	21	<.1	.2	.1	61	.26	.046	7	20.5	.33	95	.073	1	1.19	.013	.06	<.1	<.01	2.3	.1	<.05	5	<.5	30
L3-1225	.7	14.1	5.7	44	.1	9.9	8.2	695	2.24	3.6	.4	1.0	2.1	27	.1	.2	.1	56	.30	.047	7	21.3	.34	181	.077	1	1.18	.017	.10	.1	.01	2.7	.1	<.05	5	<.5	30
L3-1250	.9	19.6	5.6	86	<.1	9.0	8.7	1046	3.15	3.3	.5	.6	3.9	32	.1	.2	.1	68	.26	.067	13	17.8	.49	310	.091	2	1.35	.018	.39	.1	<.01	5.1	.2	<.05	8	<.5	30
L3-1275	.6	12.4	5.9	81	<.1	10.7	8.3	492	3.14	3.6	.4	.5	2.4	39	.1	.2	.1	66	.34	.074	8	20.9	.44	370	.048	1	1.30	.012	.22	.1	.01	3.9	.1	<.05	7	<.5	15
L3-1300	.5	8.0	6.1	55	<.1	10.5	6.8	272	2.20	3.2	.4	.6	2.2	32	.1	.2	.1	54	.36	.060	8	22.9	.38	213	.088	2	1.21	.017	.15	.1	<.01	2.7	.1	<.05	4	<.5	30
L3-1325	.7	22.6	7.6	84	.1	12.8	12.4	1554	2.53	2.5	.3	.5	1.5	44	.2	.2	.1	50	.49	.090	7	24.8	.38	355	.066	2	1.41	.026	.14	.1	.01	3.0	.1	<.05	5	<.5	15
L3-1350	.7	8.9	5.3	51	<.1	9.9	6.4	279	2.18	3.1	.3	<.5	1.3	27	.1	.3	.1	54	.32	.046	5	21.4	.34	120	.071	2	1.12	.018	.19	.1	<.01	2.5	.1	<.05	4	<.5	30
L3-1375	.4	12.3	5.6	63	.1	10.1	7.4	731	1.98	3.5	.4	<.5	1.8	30	.1	.2	.1	51	.40	.049	8	24.7	.39	211	.081	2	1.22	.018	.08	<.1	.01	3.2	.1	<.05	5	<.5	30
L3-1400	.9	13.9	7.1	67	.1	10.6	12.7	709	2.41	4.3	.5	.7	2.0	34	.1	.2	.2	63	.38	.036	8	27.4	.41	233	.090	2	1.50	.019	.13	.1	<.01	3.7	.1	<.05	5	<.5	30
L3-1425	.6	13.3	4.8	38	<.1	10.1	5.7	225	2.11	5.8	.4	3.3	1.5	34	<.1	.1	.1	54	.35	.033	6	19.4	.35	164	.054	1	1.35	.013	.08	.1	.01	2.8	.1	<.05	4	<.5	30
L3-1450	.7	11.0	5.1	38	<.1	10.5	6.6	278	1.99	4.3	.3	1.1	1.8	29	<.1	.2	.1	52	.32	.024	6	24.1	.39	194	.075	1	1.27	.020	.09	.1	.02	2.6	.1	<.05	4	<.5	30
L3-1475	.8	13.3	6.4	45	.1	8.4	6.6	281	2.12	4.1	.3	.7	1.4	30	.1	.2	.1	57	.28	.026	7	20.3	.33	171	.071	1	1.23	.011	.08	.1	.01	2.6	.1	<.05	5	<.5	30
L3-1500	.9	18.8	5.4	39	<.1	12.7	6.5	196	2.34	6.7	.4	4.8	1.4	33	<.1	.2	.1	57	.23	.026	5	19.7	.29	246	.044	1	1.69	.016	.05	.1	.02	2.7	.1	<.05	5	<.5	15
L4-0	.6	14.9	6.0	39	<.1	10.9	6.0	240	2.14	8.2	.4	2.0	1.9	24	<.1	.3	.1	49	.16	.020	6	17.4	.32	150	.034	1	1.39	.013	.06	<.1	.03	2.6	.1	<.05	4	<.5	30
L4-25	.8	16.6	6.6	43	<.1	12.4	6.9	271	2.46	9.3	.4	1.7	2.0	27	<.1	.3	.1	56	.19	.022	7	19.8	.34	194	.042	1	1.43	.015	.07	.1	.04	3.0	.1	<.05	5	<.5	30
L4-50	.7	17.1	6.2	44	<.1	9.9	6.3	243	2.33	8.3	.4	.7	1.3	21	<.1	.2	.1	50	.13	.019	5	16.4	.33	104	.042	1	1.26	.016	.07	<.1	.02	2.4	.1	<.05	5	<.5	30
RE L4-50	.7	17.2	6.5	43	<.1	10.5	6.4	238	2.30	8.4	.4	2.2	1.3	21	<.1	.3	.1	56	.13	.018	5	17.2	.33	115	.039	1	1.24	.013	.07	<.1	.02	2.4	.1	<.05	4	<.5	30
L4-75	.5	11.9	6.0	43	<.1	9.4	5.8	248	2.23	7.3	.3	.9	1.4	23	<.1	.2	.1	52	.22	.032	5	17.4	.36	134	.058	1	1.19	.012	.18	<.1	.02	2.6	.1	<.05	4	<.5	30
L4-100	.7	10.1	6.1	44	.1	9.4	6.1	306	2.27	4.6	.4	1.2	1.2	23	.1	.2	.1	55	.25	.034	6	20.3	.39	131	.071	2	1.20	.012	.17	.1	.01	2.4	.1	<.05	5	<.5	30
L4-125	.6	11.9	5.5	43	<.1	8.4	6.6	263	2.35	5.2	.4	.7	2.0	21	.1	.3	.1	57	.24	.053	7	18.8	.35	116	.058	1	1.03	.012	.11	.1	.01	2.4	.1	<.05	4	<.5	30
L4-150	.6	12.4	6.0	42	<.1	9.5	5.9	287	2.37	6.1	.4	.8	1.9	23	<.1	.2	.1	59	.24	.039	7	18.8	.36	131	.060	<1	1.11	.012	.13	.1	.01	2.4	.1	<.05	4	<.5	30
L4-175	.9	18.5	8.4	52	<.1	12.6	7.8	390	2.74	6.6	.5	1.2	3.1	33	.1	.2	.1	64	.34	.036	9	27.5	.51	214	.073	1	1.55	.017	.12	.1	.01	4.1	.1	<.05	6	<.5	30
L4-200	.7	15.0	7.5	54	.1	12.7	9.9	492	2.69	5.4	.4	1.1	2.1	27	.1	.2	.2	64	.38	.051	8	29.9	.50	264	.082	2	1.68	.016	.13	.1	.02	3.7	.1	<.05	6	<.5	30
L4-225	.3	6.1	2.8	30	<.1	4.5	2.8	132	1.25	1.9	.2	.9	.2	14	.1	.1	.1	30	.17	.027	4	9.7	.22	65	.037	<1	.52	.012	.09	<.1	.01	1.1	<.1	<.05	3	<.5	30
L4-250	.4	8.1	2.9	36	<.1	4.9	3.4	158	1.43	2.1	.2	.7	.2	15	.1	.1	.1	33	.18	.033	4	10.5	.21	73	.036	1	.62	.016	.10	<.1	.01	1.1	<.1	<.05	4	<.5	30
L4-275	.4	10.9	3.7	34	.1	6.2	5.3	202	1.60	2.5	.3	2.8	1.1	20	<.1	.2	.1	37	.26	.041	4	13.6	.25	95	.054	1	.86	.023	.15	<.1	.01	1.8	<.1	<.05	3	<.5	30
L4-300	.5	11.7	6.3	44	.1	9.7	8.0	350	2.52	5.3	.4	1.7	2.1	25	.1	.2	.1	52	.33	.064	6	22.0	.40	114	.053	1	1.21	.012	.26	.1	.02	3.3	.1	<.05	4	<.5	30
L4-325	.6	23.2	6.3	49	.1	12.3	7.8	482	2.50	5.5	1.1	1.9	3.2	26	<.1	.2	.1	55	.42	.048	36	25.0	.49	247	.064	<1	1.39	.021	.22	.1	.03	5.3	.1	<.05	5	.5	30
L4-350	.6	17.2	6.7	44	<.1	10.3	7.3	245	2.46	5.8	.4	61.5	2.4	21	.1	.2	.1	56	.21	.030	8	22.1	.42	118	.056	<1	1.08	.018	.10	.1	.04	2.7	.1	<.05	4	<.5	30
L4-375	.8	19.8	8.8	51	.1	12.7	7.9	299	3.26	7.9	.5	1.0	3.7	23	.1	.2	.2	73	.20	.021	10	27.3	.51	106	.052	<1	1.90	.014	.14	.1	.01	3.6	.1	<.05	7	<.5	30
L4-400	.6	31.7	8.0	50	.1	14.9	8.0	547	2.73	7.4	.8	1.4	3.5	39	<.1	.3	.2	60	.67	.048	19	26.2	.49	277	.061	1	1.38	.022	.18	.1	.06	5.4	.1	<.05	5	<.5	30
STANDARD DS5	12.1	139.2	24.1	135	.3	24.5	11.8	776	2.99	17.8	5.8	44.8	2.7	37	5.4	3.7	5.9	58	.69	.106	11	176.7	.66	135	.089	17	1.94	.036	.16	4.9	.16	3.3	.9	<.05	6	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L4-425	.6	21.7	6.5	49	.1	11.1	6.2	274	2.46	5.8	.6	.7	2.9	51	.1	.3	.2	53	.93	.061	12	21.8	.49	257	.053	2	1.46	.021	.15	.2	.03	4.8	.1	.06	5	.5	30
L4-450	.8	15.7	6.4	58	.1	10.6	7.1	274	2.80	5.9	.5	1.2	1.9	25	.1	.2	.1	64	.39	.033	8	20.3	.42	117	.057	1	1.38	.013	.23	.1	.12	3.8	.1	<.05	6	<.5	15
L4-475	.6	8.8	4.8	35	.1	6.6	5.6	207	1.66	3.0	.3	24.4	.8	25	.1	.1	.1	41	.41	.028	4	14.6	.31	97	.061	1	.85	.019	.18	.1	.01	2.0	.1	<.05	4	<.5	30
L4-525	.6	11.9	5.6	41	<.1	9.5	6.1	273	2.08	4.9	.4	1.1	2.0	23	.1	.2	.1	49	.30	.042	6	18.4	.44	119	.069	1	1.14	.013	.15	.1	.01	2.7	.1	<.05	4	<.5	30
L4-550	.6	13.4	6.8	49	<.1	12.2	6.5	232	2.44	5.5	.4	.7	2.2	27	<.1	.2	.1	54	.32	.028	6	23.6	.49	134	.079	1	1.26	.012	.16	.1	.01	3.1	.1	<.05	5	<.5	30
L4-575	.7	20.0	3.0	27	.1	6.9	7.3	458	2.74	4.7	.6	.8	1.0	59	.1	.2	.1	34	1.14	.066	8	10.0	.26	183	.035	3	.63	.026	.09	.1	.04	2.0	.1	.15	2	.5	30
L4-600	.8	39.0	8.8	76	.1	15.7	9.2	428	3.16	7.9	.6	4.2	4.5	63	.1	.4	.2	70	.86	.094	17	26.7	.57	234	.082	1	1.44	.036	.24	.1	.05	6.2	.2	<.05	6	<.5	30
L4-625	.6	45.5	8.3	65	.1	16.2	8.6	430	2.73	7.9	.7	1.7	3.4	64	.1	.3	.2	56	1.02	.062	20	23.4	.55	244	.057	3	1.61	.039	.22	.1	.05	5.7	.1	.10	5	.6	30
L4-650	.8	28.6	8.3	58	.1	16.6	9.9	477	3.06	8.0	.9	1.0	2.6	55	.1	.4	.2	65	.80	.041	12	26.6	.55	257	.054	1	1.65	.023	.21	.1	.03	5.3	.1	<.05	6	<.5	30
L4-675	1.0	26.1	8.4	59	.1	12.3	7.6	554	2.52	6.7	.6	2.1	4.0	63	.2	.3	.2	59	1.14	.093	15	20.6	.51	205	.080	2	1.12	.040	.17	.1	.05	4.8	.1	<.05	4	<.5	30
L4-700	.6	38.9	9.6	76	.1	16.9	9.6	485	3.22	9.1	1.0	3.4	3.8	86	.1	.4	.2	67	1.22	.093	17	26.5	.68	262	.072	3	1.50	.041	.24	.1	.07	6.4	.1	<.05	6	.5	30
L4-725	.8	41.5	9.8	69	.1	19.4	10.4	595	3.07	9.7	1.2	2.4	3.9	76	.1	.4	.2	66	.96	.081	17	26.9	.63	269	.064	2	1.58	.031	.18	.1	.06	6.2	.1	<.05	6	<.5	30
L4-750	.8	37.5	9.5	68	.1	16.1	9.5	516	2.87	8.9	.8	3.1	3.1	64	.2	.4	.2	62	.80	.064	16	24.1	.61	223	.066	1	1.50	.032	.22	.1	.03	5.5	.1	<.05	6	<.5	30
RE L4-775	.5	6.2	4.1	36	<.1	5.0	3.5	229	1.62	3.8	.4	29.1	2.3	37	<.1	.2	.1	37	.50	.072	9	11.9	.25	104	.048	1	.64	.019	.07	.1	.02	2.1	<.1	<.05	3	<.5	30
L4-775	.5	6.1	3.7	36	<.1	4.5	3.3	224	1.66	3.7	.4	1.3	2.2	36	<.1	.1	.1	38	.53	.068	8	12.7	.23	96	.046	1	.58	.018	.07	.1	.03	2.1	<.1	<.05	3	<.5	30
L4-800	.8	13.5	5.7	43	<.1	7.5	6.7	518	2.20	6.7	1.0	10.2	2.2	32	.1	.2	.1	52	.35	.055	9	16.7	.31	127	.052	1	1.00	.020	.10	.1	.02	2.6	.1	<.05	4	<.5	30
L4-825	.5	17.5	4.5	35	<.1	7.2	5.1	446	1.71	4.9	.4	2.5	2.4	37	.1	.2	.1	43	.42	.066	11	12.5	.19	109	.042	2	.47	.021	.07	.1	.06	3.0	.1	<.05	2	<.5	30
L4-850	.7	16.0	6.0	41	<.1	12.7	6.6	229	2.18	5.4	.4	<.5	2.3	23	.1	.2	.1	52	.27	.033	8	22.5	.42	101	.064	1	1.59	.016	.08	.1	.01	3.0	.1	<.05	5	<.5	30
L4-875	.9	31.3	9.0	62	.1	16.2	9.0	617	2.67	7.6	.6	3.2	4.0	60	.1	.3	.2	62	.74	.080	17	23.7	.54	233	.075	1	1.26	.033	.18	.1	.06	5.4	.1	<.05	5	<.5	30
L4-1125	.2	13.2	5.4	42	<.1	5.7	3.4	254	1.07	1.3	.4	.9	1.7	47	<.1	.1	.1	23	.65	.075	8	11.8	.25	170	.038	<1	.77	.022	.06	.1	.03	2.8	.1	.08	4	<.5	30
L4-1150	.5	9.3	4.0	39	.1	4.7	5.9	565	1.46	2.9	.4	5.2	1.2	36	<.1	.1	.1	34	.52	.085	8	10.5	.19	109	.039	1	.55	.023	.06	.1	.02	2.0	<.1	.07	3	<.5	30
L4-1175	.6	16.7	5.4	42	<.1	12.2	8.2	376	2.37	4.7	.5	1.0	2.5	27	<.1	.2	.1	58	.27	.026	10	23.5	.42	172	.060	1	1.32	.015	.05	.1	.02	3.3	.1	<.05	4	<.5	30
L4-1200	.7	17.0	5.9	39	.1	10.9	6.7	310	2.11	4.4	.5	1.2	2.2	26	.1	.2	.1	54	.27	.029	9	22.2	.36	151	.065	1	1.22	.016	.05	.1	.01	2.9	.1	<.05	5	<.5	30
L4-1225	.4	10.6	4.0	41	<.1	5.9	3.7	414	1.36	2.9	.4	<.5	1.3	36	.1	.2	.1	36	.51	.072	7	10.8	.22	120	.042	<1	.66	.021	.07	.1	.03	2.0	<.1	.07	3	<.5	30
L4-1250	.6	14.4	4.7	33	.1	7.7	5.4	287	1.72	4.0	.4	1.7	1.9	25	<.1	.2	.1	45	.23	.024	8	16.5	.28	143	.054	<1	.92	.017	.05	.2	.01	2.5	.1	<.05	4	<.5	30
L4-1275	.5	11.7	4.7	37	<.1	6.5	4.5	236	1.65	3.8	.3	1.3	1.8	30	<.1	.2	.1	41	.30	.022	6	12.0	.27	119	.058	1	.83	.013	.08	.1	.02	2.0	<.1	<.05	3	<.5	30
L4-1300	.8	30.4	7.1	51	.1	9.9	6.7	438	2.55	5.1	.6	46.8	2.8	48	.1	.3	.1	60	.49	.029	10	15.9	.38	207	.066	<1	1.61	.021	.06	.1	.02	3.3	.1	<.05	5	<.5	30
L4-1325	.5	15.5	4.6	34	<.1	9.0	5.7	307	1.91	4.3	.5	.8	2.2	26	<.1	.2	.1	48	.26	.026	9	17.8	.30	139	.058	<1	.98	.015	.05	.1	.01	2.6	.1	<.05	4	<.5	30
L4-1350	.6	16.6	5.1	35	.1	8.5	5.9	307	1.92	4.4	.5	.6	2.0	26	.1	.2	.1	49	.25	.029	9	17.4	.31	146	.056	<1	1.05	.015	.05	.1	.01	2.7	.1	<.05	4	<.5	30
L4-1375	.6	14.8	4.7	34	.1	8.2	5.7	266	1.79	4.0	.4	.6	1.8	24	.1	.2	.1	48	.23	.025	8	18.2	.29	136	.057	1	.97	.015	.05	.1	.01	2.4	.1	<.05	4	<.5	30
L4-1400	.8	14.1	6.6	39	.1	9.1	5.8	212	2.12	4.4	.4	.5	2.0	22	.1	.2	.1	60	.26	.030	8	22.9	.39	131	.074	<1	1.18	.012	.05	.1	.01	2.5	.1	<.05	6	<.5	30
L4-1425	.8	14.1	6.7	43	.1	12.1	6.9	219	2.35	5.2	.5	1.3	2.4	24	.1	.2	.1	66	.31	.033	9	29.8	.46	153	.082	1	1.55	.012	.06	.1	.01	3.3	.1	<.05	6	<.5	30
L4-1450	.8	14.4	5.9	42	.1	12.7	8.0	291	2.38	4.9	.5	1.0	2.6	24	.1	.2	.1	63	.29	.030	9	28.5	.45	169	.077	1	1.44	.011	.05	.1	.01	3.3	.1	<.05	5	<.5	30
L4-1475	.9	16.1	7.1	42	.1	10.8	7.2	289	2.45	5.5	.4	<.5	2.4	24	.1	.2	.2	67	.28	.033	9	27.6	.45	165	.076	1	1.49	.012	.06	.1	.01	3.1	.1	<.05	6	<.5	30
STANDARD DS5	12.4	140.1	25.5	140	.3	23.9	11.5	799	3.04	19.0	6.1	44.0	2.6	43	5.6	3.8	6.4	59	.76	.094	11	181.9	.69	141	.094	18	1.89	.034	.18	5.3	.18	3.2	1.1	.07	6	5.1	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
L4-1500	1.0	15.4	7.3	39	.1	11.6	7.9	329	2.48	5.6	.6	3.4	2.4	24	<.1	.2	.2	69	.30	.028	11	29.6	.50	163	.082	1	1.58	.012	.05	.1	.01	3.5	.1	<.05	6	<.5	30
L4-1525	1.0	19.0	7.5	42	.1	11.4	7.0	268	2.49	5.2	.5	2.0	2.1	24	.1	.2	.1	68	.29	.034	9	28.9	.46	158	.079	<1	1.50	.015	.04	.1	.01	3.2	.1	<.05	6	<.5	30
L4-1550	.6	15.8	5.2	39	<.1	11.8	8.0	276	2.15	4.6	.4	1.0	2.2	29	.1	.2	.1	55	.28	.030	9	23.5	.42	157	.062	<1	1.36	.015	.05	.1	.02	3.0	.1	<.05	4	<.5	30
L4-1575	.5	16.1	4.4	36	<.1	10.7	7.3	336	1.99	4.0	.5	3.4	2.1	26	<.1	.2	.1	50	.26	.026	9	19.0	.38	151	.053	1	1.23	.016	.05	.1	.02	3.0	.1	<.05	3	<.5	30
L4-1600	.9	14.4	7.6	51	.1	9.3	7.3	337	2.92	6.6	.4	6.5	1.9	18	.2	.3	.1	68	.18	.071	7	20.2	.38	114	.049	1	1.74	.011	.07	.1	.03	2.4	.1	<.05	5	<.5	30
L4-1625	.7	17.8	7.3	45	.1	10.3	6.2	256	2.31	4.6	.4	2.6	1.9	30	.1	.2	.1	67	.33	.040	8	22.2	.39	185	.062	1	1.42	.015	.05	.1	.01	2.8	.1	<.05	6	<.5	30
L4-1650	.7	14.1	6.3	45	<.1	11.2	8.2	238	2.33	5.4	.4	1.1	1.9	22	.1	.2	.1	58	.24	.030	7	23.4	.44	149	.058	1	1.76	.012	.06	.1	.01	2.6	.1	<.05	5	<.5	30
L4-1675	.7	12.5	6.6	40	<.1	9.0	6.9	341	2.17	5.1	.3	8.7	1.8	26	.1	.2	.1	60	.27	.028	7	17.6	.36	208	.058	<1	1.19	.012	.06	.1	.01	2.3	.1	<.05	4	<.5	30
L4-1700	.9	16.8	6.7	41	.1	11.7	8.1	314	2.61	5.7	.6	2.8	2.5	25	<.1	.2	.1	73	.32	.037	11	30.8	.53	164	.084	1	1.86	.014	.06	.1	.01	3.5	.1	<.05	6	<.5	30
L5-0E	.9	12.2	6.4	46	<.1	8.9	6.6	245	3.09	5.1	.4	5.2	2.3	22	.1	.2	.1	81	.26	.015	7	23.7	.37	102	.063	<1	1.02	.011	.14	.2	.04	2.4	.1	<.05	5	<.5	30
RE L5-10E	1.1	13.3	9.7	43	<.1	8.0	5.9	237	3.15	4.9	.5	7.3	2.5	22	.1	.3	.2	83	.24	.016	8	21.3	.30	65	.043	<1	1.22	.011	.07	.2	.05	1.9	.1	<.05	5	<.5	30
L5-10E	1.2	13.4	10.5	43	<.1	8.3	6.1	253	3.33	5.1	.5	7.0	2.8	24	.1	.3	.2	92	.28	.014	8	24.4	.32	68	.051	1	1.08	.013	.08	.2	.01	2.2	.1	<.05	5	<.5	30
L5-20E	1.1	15.9	9.4	45	.1	9.9	6.6	312	2.79	5.4	.5	5.8	2.0	26	.1	.2	.1	73	.31	.027	7	22.0	.38	116	.050	1	1.40	.016	.11	.1	.02	2.4	.1	<.05	6	<.5	30
L5-30E	1.0	13.2	8.3	46	.1	9.1	5.7	228	2.65	5.2	.5	23.5	2.0	25	.1	.2	.1	72	.31	.027	8	22.7	.48	121	.065	<1	1.38	.018	.09	.2	.02	2.7	.1	<.05	6	<.5	30
L5-40E	.9	22.8	7.6	48	.1	12.8	7.9	310	2.78	5.7	.5	.9	1.9	29	.2	.3	.1	71	.30	.022	9	28.2	.51	228	.047	<1	2.21	.015	.08	.1	.01	3.2	.1	<.05	7	<.5	30
L5-50E	1.2	29.4	8.6	56	.2	17.0	9.9	253	3.24	9.7	.6	1.2	2.2	25	.1	.4	.2	70	.18	.034	8	28.8	.51	183	.031	<1	2.70	.012	.12	.1	.03	3.7	.1	<.05	7	<.5	30
L5-60E	.6	12.2	5.5	34	<.1	9.4	5.6	230	2.01	4.9	.5	1.6	2.1	32	<.1	.2	.1	49	.32	.024	8	19.1	.32	216	.048	<1	1.34	.015	.04	.1	.02	2.7	.1	<.05	4	<.5	30
L5-70E	.6	16.0	5.6	37	<.1	9.1	5.6	267	2.06	4.9	.4	1.1	2.0	32	.1	.2	.1	49	.27	.027	7	15.7	.27	165	.041	<1	1.10	.015	.03	.1	.02	2.2	.1	<.05	4	<.5	30
STANDARD DS5	12.3	144.9	25.6	135	.3	24.4	12.0	784	3.00	18.1	6.1	43.1	2.8	45	5.4	3.8	6.2	59	.77	.092	12	188.7	.68	136	.097	17	2.00	.034	.14	4.9	.18	3.3	1.2	<.05	6	5.2	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

APPENDIX III

SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Sample	NAD 83 E	NAD 83 N	Elevation (m)	Description
KRK-04R-01	420987	6835265	956.4	Subcrop in burn area. Quartz feldspar porphyry biotite granite with fine grained dissemimated magnetite (<2%).
KRK-04R-02	418699	6837096	1093.1	Outcrop of dike in granite. Strike and dip is 030/90. Dike is 0.5m wide, fine to med grained porphyry, reddish zoned phenocrysts feldspar in dark grey green siliceous groundmass. Very fine grained slickensided narrow contacts, little alteration in granite.
KRK-04R-03	413778	6838638	1096.3	Boulder float in kill zone; dark grey massive fine grained metasediment; rusty, sericitic, stringers and blebs arsenopyrite to 2%.
KRK-04R-04	415193	6840099	1123.2	Cliff outcrop on south side of lake. Granite crosscut by gabbroic and felsic dikes.
KRK-04R-05	414524	6838334	1131.6	Top of cliff. Plug of feldspar porphyry with dark grey translucent quartz eyes. Anastomosing vertical structure, locally streaked in hand specimen.
KRK-04R-06	414640	6838577	1159	Outcrop of flat lying to shallowly east dipping , grey to buff weathering, dark grey siltstone. Could be source of 04R-03.
KRK-04R-07	414640	6838577	1159	Ferricreted conglomerate float in 04R-06 area.

Stream Sediment Sample Descriptions

Sample	NAD 83 E	NAD 83 N	Description
KRK-04-01	420987	6835265	Creek approximately 2m wide, 0.5m deep, in a burn. Glacial till of all sizes, dominantly granite. Sample taken f
KRK-04-02	420105	6835186	Point bar, glacial boulders to minor clay.
KRK-04-03	419181	6835405	Fast, incised creek 0.5m wide. Side bank sample, no clay, located where upper glacial terrace breaks onto low
KRK-04-04	419435	6835837	Overgrown point bar, glacial till all sizes.
KRK-04-05	419107	6836383	Downstream end of a point bar, middle of a larger point bar; glacial till, no clay.
KRK-04-06	418891	6836948	Immediately downstream of granite cliffs.
KRK-04-07	418721	6836477	Downstream from 2 small tributaries; boulders, cobbles and fines.
KRK-04-08	418650	6836395	Creek disappears under vegetation; fines and organic muck.
KRK-04-09	418432	6836281	Low level tributary disappears underground; fines recently deposited.
KRK-04-10	415841	6840722	Creek eddy, downstream from dry tributary out of small lake. Boulders, cobbles, fines mixed matrix.
KRK-04-12	414974	6839460	Fast moving creek, sands and fines sample from high water bank. Sample screened by bug net.
KRK-04-13	414726	6839845	Downstream of 14, more bank collapse.
KRK-04-14	414307	6840210	Tributary of Incised Creek, 2m wide and 0.5m deep. All rock types, boulders to sand.
KRK-04-15	415650	6839105	Small eddy inside creek bend, mostly sands to fines. Sample screened by bug net.
KRK-04-16	416322	6839725	Very small eddy, mostly sands and fines.
KRK-04-17	416287	6840335	Back eddy in creek bend, boulders to cobbles but mostly sands and fines deposited during high water.
KRK-04-19	414154	6837639	Inside bank bar on Incised Creek.
KRK-04-20	414631	6836568	Inside bend gravel bar, creek 1m wide and 0.3m deep, largest cobbles fist sized, dominantly sand and gravel.
KRK-04-21	414836	6836620	

APPENDIX IV

MINFILE OCCURENCES

MINFILE NUMBER: 115H 010
NAME (S): LAND
STATUS: ANOMALY
NTS MAP (1:250000): AISHIHIK LAKE
NTS MAP (1:50000): 115H\9
LATITUDE: 61° 33" 19' N
LONGITUDE: 136° 29" 29' W
LOCATION ACCURACY: .5 Kilometres
CLAIMS:
COMMENT:

MINING DISTIRCTS: WHITEHORSE
UTM ZONE: 8
NORTHING: 6825546
EASTING: 420753

MINERALS:
SIGNIFICANT:
COMMENTS:
ASSOCIATED:
COMMENT:
ALTERATION:
COMMENT:
ALTERATION TYPE:

DEPOSIT:
TYPE: UNKNOWN
AGE OF MINERALIZATION : (Era) : (Period) :
Start :
End :
Isotopic Age : Material :

COMMODITY:
Major: Minor: Trace:

TECTONIC ELEMENT: NORTHERN STIKINE TERRANE

METAMORPHISM:
Type(s): Grade(s):
REGIONAL ZEOLITE
Comment:

OWNER/OPERATOR:

YEAR	OWNER/OPERATOR	COMMENT
1967	AISHIHIK SYNDICATE	SEE CAPSULE GEOLOGY

WORK HISTORY:
YEAR RANGE: 1967 TO 1967

WORK TYPE	#DRILL HOLES	AMOUNT	UNIT
SOIL SAMPLING	0	0	
PROSPECTING	0	0	

COMMENT:

EXPLORATION RESULTS:
Geochemical (Strong): **Geochemical (Weak):**

Commodity	Sample Type	Commodity	Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: PLUTONIC
HOST ROCK GROUP:
FORMATION:
INFORMAL ROCK UNIT: UNSPECIFIED
LITHOLOGIES: HORNBLENDE GRANODIORITE
COMMENT:

AGE (Era) (Period)
Start:
End:
DATING METHOD:
ISOTOPIC AGE:
MATERIAL DATED:

CAPSULE WORK HISTORY

Staked as the Land cl (YI8966) in Jul/67 by Aishihik Syndicate (Mt Washington Copper CL, Granite City Platinum L, Coin Canyon ML and Tay River ML) which conducted soil sampling and prospecting. Tay River ML was controlled by Utica ML, Silver Standard ML and Copper Ridge ML.

CAPSULE GEOLOGY

The claims cover a 600 gamma magnetic anomaly. A combination of reconnaissance and grid soil sampling located a weak copper anomaly in a swampy area on the eastern side of the claims and a copper anomaly between 1.5 and 2 times background over an area 488 by 61 m on the Land 12 and 14 claims. Only a few outcrops, consisting of hornblende granodiorite, were found.

REFERENCES

AISHIHIK SYNDICATE, 1967. Assessment Report #017948 by R. Philp.

MINFILE NUMBER: 115H 032
NAME (S): KIRI
STATUS: ANOMALY
NTS MAP (1:250000): AISHIHIK LAKE
NTS MAP (1:50000): 115H\10
LATITUDE: 61° 42" 25' N
LONGITUDE: 136° 32" 1' W
LOCATION ACCURACY: .5 Kilometres
CLAIMS:
COMMENT:

MINING DISTIRCTS: WHITEHORSE
UTM ZONE: 8
NORTHING: 6842489
EASTING: 418908

MINERALS:
SIGNIFICANT:
COMMENTS:
ASSOCIATED:
COMMENT:
ALTERATION:
COMMENT:
ALTERATION TYPE:

DEPOSIT:
TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) : (Period) :
Start :
End :
Isotopic Age : Material :

COMMODITY:
Major: Minor: Trace:

TECTONIC ELEMENT: COAST PLUTONIC COMPLEX

METAMORPHISM:
Type(s): Grade(s):

Comment:

OWNER/OPERATOR:

YEAR	OWNER/OPERATOR	COMMENT
1972	CANADIAN OCCIDENTAL PETROLEUM LIMITED	

WORK HISTORY:
YEAR RANGE: 1972 TO 1972

WORK TYPE	#DRILL HOLES	AMOUNT	UNIT
GEOCHEMICAL SAMPLING	0	0	

COMMENT: REGINOAL RECCONAISSANCE

EXPLORATION RESULTS:
Geochemical (Strong): **Geochemical (Weak):**

Commodity	Sample Type	Commodity	Sample Type
Geophysical:		**Visual:**	

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: PLUTONIC
HOST ROCK GROUP:
FORMATION:
INFORMAL ROCK UNIT: UNSPECIFIED
LITHOLOGIES: HORNBLENDE GRANODIORITE
COMMENT:

AGE (Era) (Period)
Start: MESOZOIC
End: MESOZOIC
DATING METHOD:
ISOTOPIC AGE:
MATERIAL DATED:

CAPSULE WORK HISTORY

Staked as the Kiri cl (Y67680) in Nov/72 by Can Occidental Pet L following a regional geochemical exploration program.

CAPSULE GEOLOGY

The claims are probably underlain by hornblende granodiorite. Several slightly anomalous copper values were obtained from stream sediment samples collected in this general area during previous regional geochemical programs.

REFERENCES

MINFILE NUMBER: 115H 057
NAME (S): PAUL
STATUS: UNKNOWN
MINING DISTIRCTS: WHITEHORSE
NTS MAP (1:250000): AISHIHIK LAKE
UTM ZONE: 8
NTS MAP (1:50000): 115H\10
NORTHING: 6830317
EASTING: 414094
LATITUDE: 61° 35" 48' N
LONGITUDE: 136° 37" 8' W
LOCATION ACCURACY: .5 Kilometres
CLAIMS: FOX START: END:
COMMENT:

MINERALS:

SIGNIFICANT:
COMMENTS:
ASSOCIATED:
COMMENT:
ALTERATION:
COMMENT:
ALTERATION TYPE:

DEPOSIT:

TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) : (Period) :
Start :
End :
Isotopic Age : Material :

COMMODITY:

Major: Minor: Trace:

TECTONIC ELEMENT: TERTIARY VOLCANICS

METAMORPHISM:

Type(s): Grade(s):
REGIONAL ZEOLITE
Comment:

OWNER/OPERATOR:

YEAR	OWNER/OPERATOR	COMMENT
1988	DAWSON ELDORADO MINES LIMITED	
1989	YOUNG, S.	

WORK HISTORY:

EXPLORATION RESULTS:

Geochemical (Strong):

Commodity	Sample Type

Geochemical (Weak):

Commodity	Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: VOLCANIC
HOST ROCK GROUP: UNSPECIFIED
FORMATION:
INFORMAL ROCK UNIT:
LITHOLOGIES: FELSIC TUFF
COMMENT:

AGE (Era) (Period)
Start: CENOZOIC
End: CENOZOIC
DATING METHOD:
ISOTOPIC AGE:
MATERIAL DATED:

CAPSULE WORK HISTORY

Staked as Paul cl (YB21249) in Aug/88 by Dawson Eldorado ML and restaked as Fox cl (YB26824) in Oct/89 by S. Young.

CAPSULE GEOLOGY

The claims are underlain by Eocene felsic tuff.

REFERENCES

MINFILE NUMBER: 115H 059
NAME (S): DEGEL
STATUS: UNKNOWN
MINING DISTIRCTS: WHITEHORSE
NTS MAP (1:250000): AISHIHIK LAKE
UTM ZONE: 8
NTS MAP (1:50000): 115H\10
NORTHING: 6835193
EASTING: 408648
LATITUDE: 61° 38" 21' N
LONGITUDE: 136° 43" 26' W
LOCATION ACCURACY: 1 Kilometres
CLAIMS: PHIL START: 1 END: 20
COMMENT:

MINERALS:

SIGNIFICANT:
COMMENTS:
ASSOCIATED:
COMMENT:
ALTERATION:
COMMENT:
ALTERATION TYPE:

DEPOSIT:

TYPE: UNKNOWN

AGE OF MINERALIZATION : (Era) : (Period) :
Start :
End :
Isotopic Age : Material :

COMMODITY:

Major: Minor: Trace:

TECTONIC ELEMENT: TERTIARY VOLCANICS

METAMORPHISM:

Type(s):	Grade(s):
REGIONAL	ZEOLITE

Comment:

OWNER/OPERATOR:

YEAR	OWNER/OPERATOR	COMMENT
1988	DAWSON ELDORADO MINES LIMITED	

WORK HISTORY:

EXPLORATION RESULTS:

Geochemical (Strong):		Geochemical (Weak):	
Commodity	Sample Type	Commodity	Sample Type

Geophysical:

Visual:

RESERVES:

HOST ROCK:

DOMINANT HOST ROCK: VOLCANIC
HOST ROCK GROUP: UNSPECIFIED
FORMATION:
INFORMAL ROCK UNIT:
LITHOLOGIES: FELSIC TUFF
COMMENT:

AGE	(Era)	(Period)
Start:	CENOZOIC	EOCENE
End:	CENOZOIC	EOCENE

DATING METHOD:
ISOTOPIC AGE:
MATERIAL DATED:

CAPSULE WORK HISTORY

Staked as Phil cl (YB21277) in Aug/88 by Dawson Eldorado ML. S. Young tied on Nick cl (YA24674) to the southeast in Jan/89.

CAPSULE GEOLOGY

The claims are underlain by Eocene felsic tuff.

REFERENCES

Yukon Placer Database
Operations Report

YUKON GEOLOGY PROGRAM

Field Name: Graham, 1980 **Last Update: 19-Mar-2002**

Status: Exploratory

Stream: Kirkland: a tributary of Nordenskiold

Map Sheet(s): 115H/9

Owners

Name	From (Date)	To (Date)	Comment
J. M. Graham	1/1/1980	12/31/1980	

General Location

In 1980, the property extended 5 miles up an unnamed tributary of Kirkland Creek.

Location Details

Date:	Latitude Deg : Min : Sec	Longitude Deg : Min : Sec	Elevation (feet)	Distance from Mouth (feet)
1/1/1980	61 32 0	136 28 0		

Claims

File Date	Number	Name	Status
	PL 2205		

Work History

1980- Mr. Graham did seismic studies. A hammer seismograph and seismic refraction principles were used to determine the depth of gravel under a 690 foot reach of the stream and adjacent benches. Measurements were taken on 5 lines 100 feet apart, crossing the creek at right angles. On each line, spacing between adjacent stations was 65 feet. Seismic velocities ranged between 1775 and 6562 f/s in bedrock. Depth to bedrock was calculated to be 3 to 16.5 feet in the surveyed area.

Surficial Geology

Basalt and andesite flows of the Oligocene Carmacks Group volcanics outcrop along the creek, but the stream bed is filled with alluvial gravel.

References

LeBarge, W.P. and Morison, S.R. Yukon Placer Mining and Exploration 1985-1988; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, 1990.: p. 46

APPENDIX V

CREW LOG

Crew Log

June 9: mob from Whitehorse by truck to Twin Lakes, helicopter to first camp located at UTM 8V 0418 907E 6836 565N NAD 83. CA soil sampled Line 1 and KS collected stream sediments KRK-04-01 and 02.

June 10: CA soil sampled Line 2, and KS collected stream sediments KRK-04-03 to 06 inclusive, and prospected and mapped one outcrop.

June 11: CA attempted to collect planned 5 stream sediments (swamp and grassland, no material suitable for sampling); instead collected 3 samples in other creeks, KS soil sampled Line 3 and prospected and mapped one outcrop.

June 12: move to camp 2 located at UTM 8V 0414 337E 6840 066N NAD 83. CA collected 5 stream sediment samples, KS collected 3 stream sediment samples, 6 soil samples in kill zones, and a mineralized rock sample in float.

June 13: CA soil sampled Line 4; KS collected 2 stream sediment samples, 2 soil samples in kill zones, one weakly mineralized rock sample in float, and prospected and mapped a ridge.

June 14: CA collected 3 pan concentrates from a tributary of Incised Creek (locally known as Florence Creek); KS mapped another ridge. Helicopter demob to Braeburn Strip, and truck to Whitehorse.

414000 mE
416000 mE
418000 mE
420000 mE
422000 mE
424000 mE
6842000 mN
6840000 mN
6838000 mN
6836000 mN
6834000 mN

L4-0
L4-525
L4-1125
L4-875
L4-1500
L4-1700
L5-50E
L5-40E
L5-0E
L5-60E
L5-70E
L3-1500
L3-1025
L3-675
L3-500
L3-0
L2-0
L2-500
L2-1000
L2-1425
L1-0
L1-500
L1-1000
L1-1500

Kirkland Creek

4,000
3,500

N
W
E
S

Soil Geochemistry
Gold (ppb)

- 75.01 to 105
- 12.01 to 75
- 3.01 to 12
- 1.81 to 3
- -1 to 1.8

PROFESSIONAL ENGINEER
B. G. CASSELMAN
BRITISH COLUMBIA

Scale: 1:20000
0 200 400 800
metres
NAD 83 UTM, zone 8

4763 NWT Ltd
KIRKLAND CREEK RECONNAISSANCE PROJECT
SOIL SAMPLE GEOCHEMISTRY - GOLD (ppb)
NTS 115H09/10 **December 2004**
Figure 6 **Whitehorse Mining District**

AURORA GEOSCIENCES LTD

414000 mE
416000 mE
418000 mE
420000 mE
422000 mE
424000 mE
6842000 mN
6840000 mN
6838000 mN
6836000 mN
6834000 mN

Kirkland Creek

Stream Sediment Geochemistry - Gold (ppb)
4763 NWT data

- 70.01 to 3,130
- 16.01 to 70
- 5.01 to 16
- 2.01 to 5
- -1 to 2

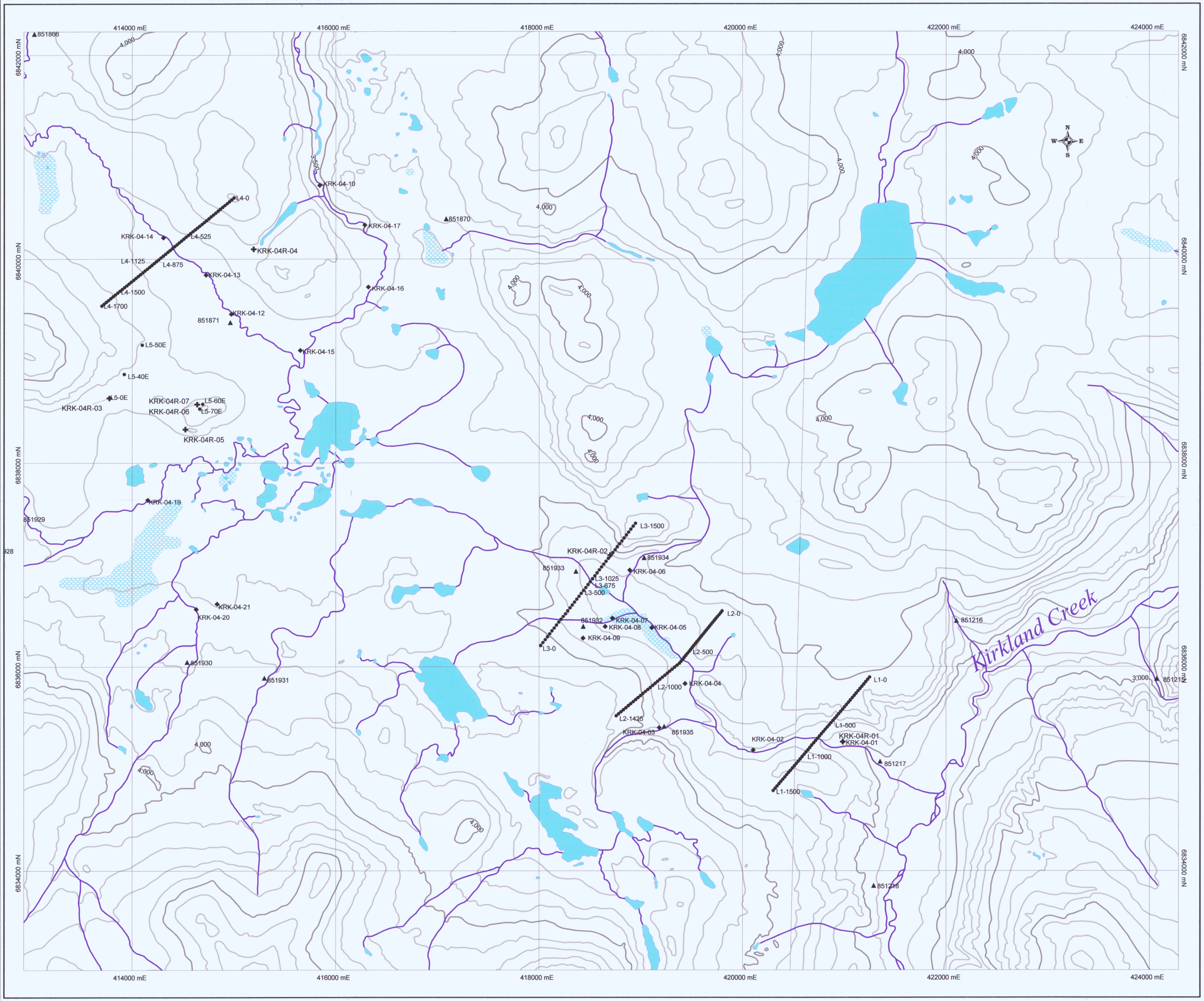
GSC RGS data

- 70.01 to 3,130
- 16.01 to 70
- 5.01 to 16
- 2.01 to 5
- -9 to 2

Scale: 1:20000
0 200 400 800
metres
NAD 83 UTM, zone 8

4763 NWT Ltd
KIRKLAND CREEK RECONNAISSANCE PROJECT
STREAM SEDIMENT GEOCHEMISTRY - Gold (ppb)
NTS 115H09/10 **December 2004**
Figure 5 **Whitehorse Mining District**

AURORA GEOSCIENCES LTD



LEGEND

- ● Soil Samples
- ◆ 4763 Stream Sediment Sample
- ▲ GSC RGS Sample
- ✚ Rock Sample Location

ROCK SAMPLE GEOCHEMISTRY

Sample	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)
KRK-04R-03	114	29	247	0.6	17	19.4
KRK-04R-07	28	<3	123	<.3	18	10.1

Scale 1:20000
0 200 400 800
metres
NAD 83 UTM, zone 8

4763 NWT Ltd
KIRKLAND CREEK RECONNAISSANCE PROJECT
SAMPLE LOCATION MAP
NTS 115H09/10 **December 2004**
Figure 4 **Whitehorse Mining District**

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includes 3 loose maps