AURORA GEOSCIENCES LTD.

EAGLE PLAINS RESOURCES LTD

KLOTASSIN RIVER
RECONNAISANCE PROGRAM, 2003

Kel Sax, B.Sc.
Scott Casselman, B. Sc., P. Geo.

Location: Lat. 62° 15' to 62° 30' N
Long. 138° 10' to 138° 45' W
NTS: 115J/07, 115J/08
Mining District: Whitehorse, YT
Date: November 10, 2003

SUMMARY

This report documents a reconnaissance exploration program in the Klotassin River valley, located 120 km west northwest of Carmacks, Yukon, on NTS sheet 115J/7 and 115J/8. The area is underlain by granodiorite of the Cretaceous Dawson Range Batholith, which is intruded by Eocene quartz-feldspar porphyry dykes. The Dawson Range intrusions host a number of intrusion-related gold occurrences in the Mt. Freegold area and a porphyry Cu-Mo-Au deposit at the Casino Property.

In 1998, Kennecott Canada Ltd conducted reconnaissance stream sediment and soil sampling in the area to follow-up a regional geochemical survey stream sediment anomaly on a tributary of Somme Creek that contained 144 ppb gold. Their program returned a number of samples anomalous in gold, bismuth and arsenic. However, Kennecott decide not to follow-up the results.

In 2002, 4763 NWT Ltd staked the Severance Property, covering the area of anomalous soils. Later that year the company conducted an exploration program consisting of geological mapping, prospecting and soil sampling. The soil program returned some significantly anomalous gold values with coincident copper, molybdenum and arsenic. Rock sample results include a grab sample of silicified and quartz-veined granodiorite which contained 7% disseminated pyrite and assayed 1.2 g/t gold and 0.35% copper.

The 2003 reconnaissance sampling program in the Klotassin River area identified three areas of anomalous stream sediment geochemistry. The first is on the Ridge between the Klotassin River and Somme Creek and is anomalous for gold, silver, arsenic, molybdenum and copper. Some of these values may be sourced from the Severance Property, however many are from drainages that do not come from the property. This suite of anomalous metals is suggestive of an intrusion related disseminated deposit type.

The second anomalous area is 3 km north of the Severance property, where three stream sediment samples return anomalous molybdenum, copper, silver, bismuth and tungsten. This suite of metals is suggestive of a skarn-style of mineralization as a possible source.

The third area is to the east and was slightly anomalous in nickel and copper. The values are suggestive of a mafic to ultramafic source and, while they are anomalous, they are not considered a high priority for follow-up work.

Recommendations for follow-up work are to test areas one and two with additional stream sediment sampling, contour soil sampling and prospecting. As well, the government airborne magnetic data in area two should be review to look for magnetic high anomalies, which might be indicative of skarn mineralization.

TABLE OF CONTENTS

Introduction 1
Location and Access 1
Area History 1
Regional Geology 3
2003 Exploration Program 5
Results 5
Conclusions and Recommendations 6
References 8

LIST OF FIGURES

Figure 1 Location Map 2
Figure 2 Regional Geology 4
Figure 3 Sample Location Map .... In Pocket

APPENDICES

Appendix I Statements of Qualifications
Appendix II Geochemical Analytical Certificates
Appendix III Statement of Expenditures
Appendix IV Crew Daily Log

INTRODUCTION

This report documents the 2003 reconnaissance exploration program in the headwaters of the Klotassin River valley. The program was conducted by Aurora Geosciences Ltd under contract to Eagle Plains Resources Ltd. The program consisted of prospecting, soil, and stream sediment sampling and was conducted by Scott Casselman, Kel Sax, Casey Adshead, and Susanne Aichelle. A Statement of Expenditures is included in Appendix III and a Project Crew Log in Appendix IV.

The area was highlighted by regional geochemical stream sediment survey that returned up to 144 ppb gold and numerous values anomalous in molybdenum and copper. Also, work on the Severance claims on NTS 115J/07, indicate a possible porphyry Au-Cu setting in Dawson Range intrusive rocks. The purpose of this program was to increase the density of stream sediment sampling in the Klotassin River Valley and to identify drainages anomalous in gold and copper.

Outcrop exposure in the area is limited due to overburden cover and swampy conditions. Northern slopes are sparsely treed with alder and dwarf spruce and are covered by a veneer of frozen overburden. The southern slopes are moderately treed with poplar and spruce and covered by colluvium. Creeks are generally swampy, with minor exposed alluvium and much bank collapse.

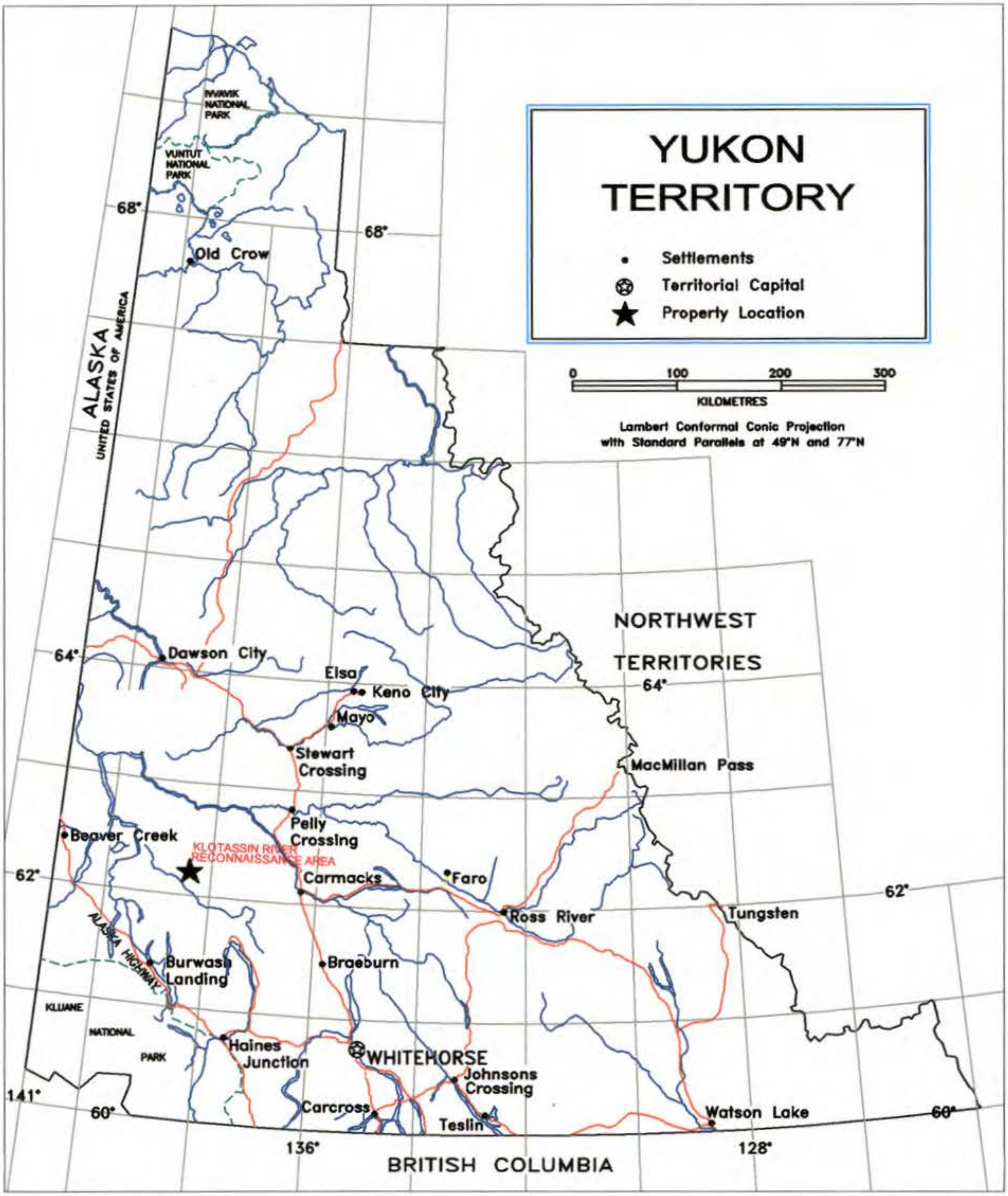
LOCATION AND ACCESS

The reconnaissance area is located in the Dawson Range Mountains, 120 km west-northwest of Carmacks, Yukon. The area is centred at latitude 62° 20' N and longitude 138° 30' W (Figure 1) on NTS map sheets 115J/07 and 115J/08. The area is accessible by helicopter from Carmacks. The nearest fixed-wing airstrip is at Rude Creek, 32 km to the north. An old winter cat trail winds from the north end of Aishihik Lake, through the Nisling River valley and skirts the west side of the area, then north to the Yukon River near the abandoned community of Selkirk.

AREA HISTORY

The Klotassin River area has seen very little exploration activity. In the 1970's, Atlas Exploration staked claims in the area to follow-up on government regional geochemical survey (RGS) copper and molybdenum anomalies. They established a grid and conducted soil geochemical sampling and geological mapping. Their work located some anomalous values of copper and molybdenum in an alaskite stock and found traces of molybdenite in quartz veins. The occurrence is documented in the Yukon Minfile as the MIM showing, Minfile Number 115J 003 (DIAND, 2000).

In 1998, Kennecott Canada Exploration Inc. conducted a reconnaissance soil and stream sediment sampling program in the area to locate the source of the anomalous gold values from the RGS survey. Their work outlined a gold anomaly >35 ppb, in excess of 2 kilometers long. No follow-up of this work was conducted.



EAGLE PLAINS RESOURCES LTD	KLOTASSIN RIVER RECONNAISSANCE PROJECT	
PROJECT LOCATION	MINING DISTRICT: WHITEHORSE	
	NTS: 115 J/7	SCALE 1: 6 000 000
	DRAWN BY: SGC	
Aurora Geosciences Ltd.	DATE: 10 Nov 03	FIGURE: 1

In January of 2002, 4763 NWT Ltd. staked the Severance claims to cover the area of anomalous gold-in soils identified by Kennecott. Later that year they conducted a program of mapping, rock and soil sampling and identified and area of anomalous gold and copper. The property was then optioned to Eagle Plains Resources Ltd.

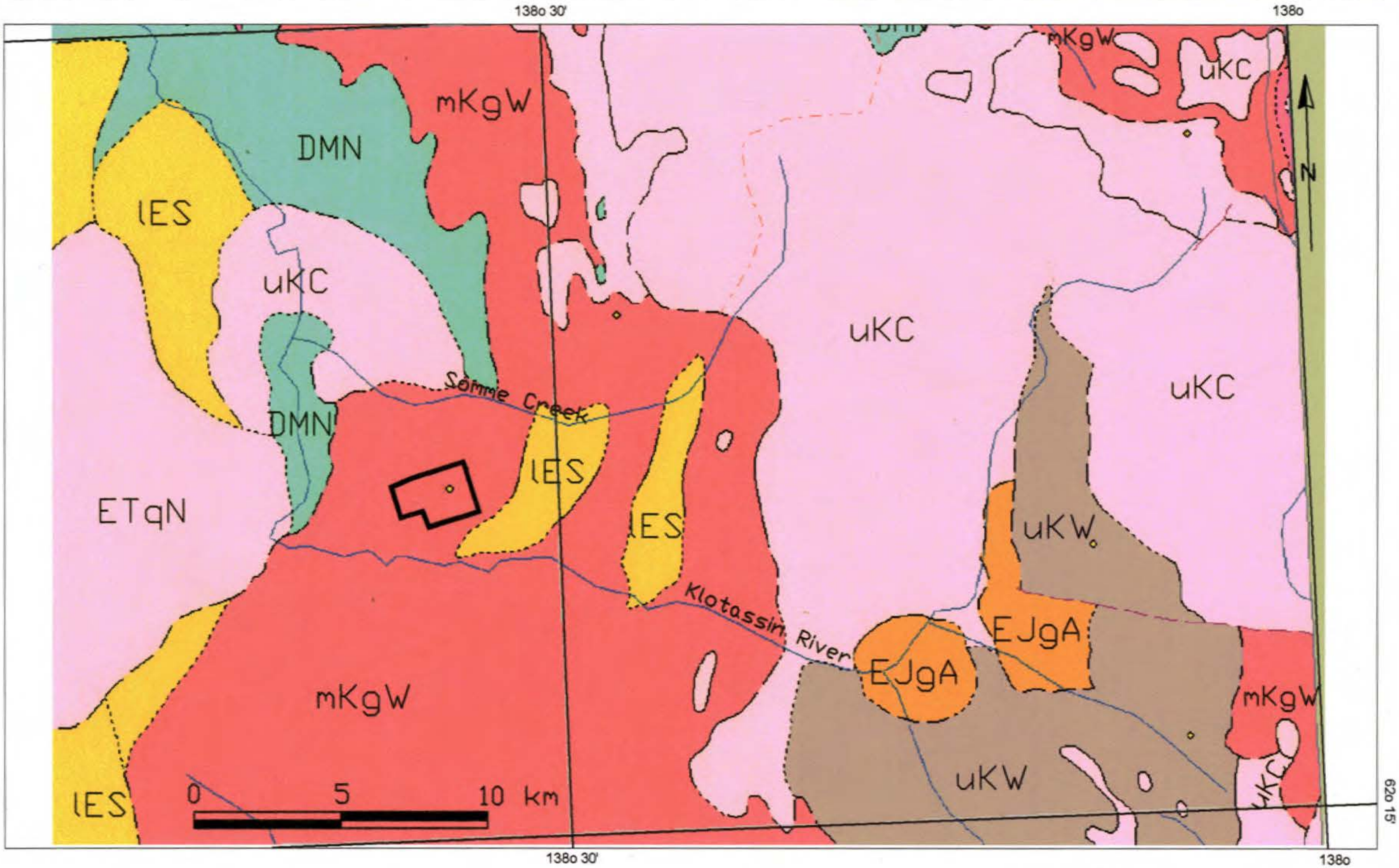
REGIONAL GEOLOGY

The area is located within the Dawson Range in Yukon-Tanana Terrane. The belt extends from Whitehorse northwest to the Yukon / Alaska border and beyond. The oldest rocks in the area belong to the Nasina Assemblage (**DMN**) of Yukon-Tanana Terrane. They consist of Devonian to Mississippian metamorphosed massive dark grey to black graphitic quartzite with lesser micaceous quartzite and quartz mica schist (Gordey, 1999). These are unconformably overlain by Upper Cretaceous Windy-Table Suite (**uKW**) and Upper Cretaceous Carmacks Group (**uKC**). The Windy-Table Suite consists of resistant, columnar jointed, quartz-phyric dacite flows, ash and lapilli tuff, with basal sedimentary and epiclastic rocks, and includes quartz-feldspar porphyry dykes. The Carmacks Group consists of a succession of dominantly mafic to intermediate volcanics, with minor felsic volcanics towards the base of the package. Locally, clastic rocks also occur at the base of the package. The mafic volcanic rocks are augite olivine basalt and the intermediate volcanics are feldspar porphyry andesite and augite phyric andesite. The felsic volcanic rocks are similar to Mt. Nansen Group volcanics east of the area and consist of acid vitric crystal tuff, lapilli tuff and welded tuff, felsic volcanic flow rocks and quartz feldspar porphyry (Gordey, 1999).

These rocks are intruded by Mid Cretaceous Whitehorse Suite (**mKgW**) and the Early Jurassic Aishihik Suite (**EJgA**) of the Dawson Range Batholith. The Whitehorse Suite has been dated at 107 Ma and consists of biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite with sparse grey and pink potassium feldspar phenocrysts. The Aishihik Suite has been dated at 187 Ma and consists of medium- to coarse-grained, foliated biotite-hornblende granodiorite and foliated diorite to monzodiorite with local K-feldspar megacrysts. These rocks are in turn intruded by Early Tertiary intrusions of the Nisling Range Suite (**EtqN**), which consist of leucocratic, biotite granite or alaskite with sacchroidal texture and white alkali feldspar (Gordey, 1999).

All of these units are intruded and overlain by Lower Eocene Skukum volcanics (**lES**). 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 (Gordey, 1999).

This belt of rocks host numerous mineral occurrences along the length of the belt including the Casino porphyry Cu-Au-Mo deposit and the gold mineralization at Mount Freegold, Revenue Creek and Mt Nansen.



lES	Skukum Volcanics - qtz-feld porphyry
ETqN	Nisling Range Suite - alaskite
mKgW	Whitehorse Suite - granodiorite / quartz diorite
uKC	Carmacks Group - mafic to intermediate volcanics
uKW	Windy-Table Suite - quartz-phyric dacitic volcanics
EJgA	Aishihik Suite - biotite-hornblende granodiorite
DMN	Nasina Assemblage - graphitic quartzite

EAGLE PLAINS RESOURCES LTD

KLOTASSIN RIVER RECONNAISSANCE PROJECT

NTS: 115 J/07, 08

Mining District: Whitehorse

Job: EPL-03-001-YT | Date: 10 Oct 03

REGIONAL GEOLOGY

FIGURE 2.

Aurora Geosciences Ltd.

2003 EXPLORATION PROGRAM

The 2003 reconnaissance exploration program in the area consisted of prospecting, soil sampling, and stream sediment sampling. The field program was conducted from August 13 to August 15, 2003.

The prospecting of the area was hampered by minimal rock exposure (much less than 5% exposure). Two reconnaissance soil lines were established south of the Severance claims by compass and hip chain. The ends of the lines were surveyed by GPS with approximate 8-metre accuracy. Samples were collected at 25 m intervals and stations were marked by flagging.

At each sample site approximately 0.5 kilograms of soil was collected and placed in a kraft, wet-strength paper bag. The samples were shipped to Acme Analytical Labs where they were oven dried and sieved to –80 mesh. A 30 gm sample of the –80 mesh material was then analyzed for gold plus 36 elements by aqua-regia digestion and ICP Mass Spectrometry analysis.

Stream sediment samples were collected by first identifying a suitable location at the sample site for collection of stream silts and gravels with minimal organic material. The site location was recorded by GPS and marked by orange and blue flagging. The sample was processed by wet screening the stream sediments in 10 mesh screens until approximately 5 litres of –10 mesh material was collected. The material was then placed in a uniquely numbered large plastic sample bag. The screening of large sample sizes was done to reduce nugget effect. The sample was sent to Acme Labs and processed in the same manner as they soil samples, except much more sieving was required for the larger sample size.

RESULTS

Geochemical analytical certificates are included in Appendix II; stream sediment sample and soil sample locations are given in Figure 3.

The stream sediment sampling program identified three anomalous areas. The first area surrounds the ridge between the Klotassin River and Somme Creek, on which the Severance Property sits. The second area is on a tributary of Somme Creek, at sample sites SS03-31 to 33. The third area is to the east, up the Klotassin River at sample sites SS03-05 and 06.

The Severance Property ridge area is anomalous for gold, silver, arsenic, molybdenum and copper. Samples SS03-17, 19, 21 and 34 contain anomalous gold values of 46.1, 22.4, 24.5 and 23.7 ppb, respectively. Samples SS03-17 through 23, on the southwestern part of the ridge, outline a distinct zone of arsenic enrichment with values ranging from 11.0 to 19.3 ppm. Molybdenum values are up to 1.52 ppm and copper values are low, but anomalous at up to 17.17 ppm. The anomalous values on the south side of the ridge (SS03-19) may be sourced from the Severance Property, but those on the western and northern part of the ridge are in drainages that do not come from property.

The second anomalous area, on a tributary of Somme Creek, is anomalous in molybdenum, copper, silver, bismuth and tungsten. Sample SS03-33 is very anomalous in tungsten at 12.5 ppm. Molybdenum values range up to 2.32 ppm, copper to 28.14 ppm, silver to 117 ppm and bismuth to 1.45 ppm. This suite of metals is suggestive of a skarn-style of mineralization as a possible source.

The third area is anomalous for nickel and cobalt with sample SS03-05 containing 35.2 ppm Ni and 10.9 ppm Co and sample SS03-06 containing 40.0 ppm Ni and 12.6 ppm Co. These values are suggestive of a mafic to ultramafic source. These values are anomalous, but are not a high priority for follow-up work.

The two reconnaissance soil sample lines south of the Severance Property returned some moderately anomalous gold and copper values, which decrease down slope, away from the property. Values were as high as 301 ppb gold and 276 ppm Cu.

CONCLUSIONS AND RECOMMENDATIONS

Prospecting in the area was hampered by the lack of outcrop. The area is chiefly underlain by mid Cretaceous hornblende-biotite granodiorite of the Whitehorse Suite and early Jurassic biotite-hornblende granodiorite of the Aishihik Suite, both of the Dawson Range Batholith. These are intruded and overlain by lower Eocene Skukum volcanics; all are skirted by upper Cretaceous mafic to intermediate volcanics of the Carmacks Group, Devonian to Mississippian graphitic quartzite of the Nasina Assemblage, and, to the east, upper Cretaceous dacite volcanics of the Windy-Table Suite.

The Dawson Range intrusions host a number of intrusion-related gold occurrences in the Mt Freegold area northwest of Carmacks and a porphyry Cu-Mo-Au deposit at the Casino Property, 50 km north of the reconnaissance area.

The sampling program in the Klotassin River area identified three areas of anomalous stream sediment geochemistry. The first is on the Ridge between the Klotassin River and Somme Creek and is anomalous for gold, silver, arsenic, molybdenum and copper. Some of these anomalous values may be sourced from the Severance Property, but many are in drainages that do not come from property. This suite of anomalous metals is suggestive of an intrusion related disseminated deposit type.

The second anomalous area is 3 km north of the Severance property, where three stream sediment samples return anomalous molybdenum, copper, silver, bismuth and tungsten. This suite of metals is suggestive of a skarn-style of mineralization as a possible source.

The third area is to the east and was slightly anomalous in nickel and copper. The values are suggestive of a mafic to ultramafic source and, while are anomalous, are not considered a high priority for follow-up work.

Recommendations for future work in the area are:

1) Follow-up the anomalous drainages on the ridge between the Klotassin River and Somme Creek, west and north of the Severance Property with more detailed stream sediment sampling, contour soil sampling and prospecting.
2) Follow-up the anomalous drainages on the tributary of Somme Creek north of the Severance Property by first reviewing the government airborne magnetic data, then with more detailed stream sediment sampling, contour soil sampling and prospecting.
3) Follow-up the anomalous Ni-Co values east of the Severance Property with more stream sediment sampling and prospecting.

Respectfully submitted

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

REFERENCES

DIAND, 2002. Yukon Minfile, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

Gordey, S. P. and Makepeace, A. J., 1999. Yukon Digital Geology. Exploration and Geological Services Division, Yukon , Indian and Northern Affairs Canada, Open File 1999-1 (D).

Smuk, K. A., Williams-Jones, A. E. and Francis, D., 1996. The Carmacks Hydrothermal Event: An Alteration Study in the Dawson Range, Yukon. In Yukon Exploration and Geology, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada.

Appendix I

Statement of Qualifications

I, Scott Casselman, residing at 33 Firth Road, Whitehorse, Yukon Territory, Y1A 4R5, certify that:

1) I graduated from Carleton University in Ottawa, Ontario with a Bachelor of Science Degree in Geology in 1985.

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

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

4) I conducted the fieldwork described in this report in the Klotassin River area from August 13 to 15, 2003.

Dated this ___th day of ___________, 2003, at Whitehorse, Yukon Territory.

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

Statement of Qualifications

I, Kel Sax, residing at 112 Kluane Avenue, Destruction Bay, Yukon Territory, Y0B 1H0, certify that:

1) I graduated from Michigan Technological University in Houghton, Michigan with a Bachelor of Science Degree in Geological Engineering in 1989.

2) I graduated from Haileybury School of Mines in Haileybury, Ontario with a Diploma in Mining Technology in 1986.

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

4) I conducted the fieldwork described in this report in the Klotassin River area between August 13 to 15, 2003.

Dated this ___th day of ____________, 2003, at Whitehorse, Yukon Territory.

Kel Sax, BSc.

Appendix II

Geochemical Analytical Certificates

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurora Geosciences Ltd. PROJECT Severance File # A303821

108 Gold Road, Whitehorse YT Y1A 2W3 Submitted by: Scott Casselman

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	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
G-1	1.45	2.69	2.04	39.2	9	3.9	3.7	486	1.75	<.1	1.9	.5	4.7	80.3	.01	.02	.12	36
SS03-01	.37	7.45	4.27	96.6	30	10.8	8.6	646	2.23	2.5	.7	3.4	3.9	37.0	.16	.55	.10	59
SS03-02	.25	6.56	3.79	43.2	27	8.4	6.9	252	1.61	2.1	.9	1.0	3.5	30.8	.08	.26	.09	43
SS03-03	.27	5.92	7.72	58.8	50	7.0	8.5	388	2.37	2.9	.8	17.9	4.6	26.6	.09	.71	.20	74
SS03-04	.35	5.30	4.22	58.7	35	5.9	8.0	315	4.43	2.5	1.1	13.7	7.1	17.7	.07	.40	.34	167
SS03-05	.23	8.93	3.78	56.3	24	35.2	10.9	280	1.96	1.9	.5	14.7	2.8	46.7	.06	.17	.05	50
SS03-06	.50	13.46	5.35	68.9	34	40.0	12.6	479	2.57	3.6	1.2	2.1	3.9	76.8	.11	.33	.09	63
SS03-07	.22	9.46	4.16	62.0	28	19.8	9.0	246	1.99	3.6	.6	1.3	3.8	26.6	.10	.24	.06	41
SS03-08	.35	8.13	5.22	56.5	40	20.0	8.9	275	2.20	2.9	1.1	2.7	5.1	46.9	.11	.23	.07	61
SS03-09	.45	8.96	4.44	53.0	36	7.4	8.2	318	3.13	2.7	1.5	<.2	6.8	21.6	.06	.26	.12	102
SS03-10	.68	16.03	6.36	72.7	65	12.0	7.9	376	1.83	2.9	2.7	1.9	3.9	47.8	.18	.39	.09	43
SS03-11	.31	14.00	5.50	65.5	42	21.0	10.5	339	2.14	2.9	1.2	.5	4.6	39.2	.13	.25	.08	50
SS03-12	.50	10.19	5.78	59.0	52	10.9	8.4	288	2.19	2.6	4.4	4.5	5.4	43.6	.15	.22	.12	54
SS03-13	.32	5.59	3.88	57.4	24	8.9	7.1	279	1.97	2.2	.9	6.8	6.2	24.2	.08	.17	.06	46
SS03-14	.15	5.01	3.71	56.8	21	7.9	6.7	265	1.73	1.7	.7	2.6	5.2	27.3	.06	.14	.06	36
SS03-15	.43	7.15	4.64	57.7	37	6.1	8.7	405	2.35	2.5	2.2	1.0	5.6	37.6	.11	.18	.17	55
SS03-16	.76	7.38	5.21	63.2	33	6.9	10.2	390	3.32	3.1	1.2	.4	8.3	29.6	.07	.28	.99	93
SS03-17	1.28	11.25	5.89	64.6	74	8.4	7.6	282	2.39	13.9	1.5	46.1	6.5	27.6	.16	.28	.24	61
SS03-19	1.52	16.22	5.31	62.1	72	14.4	9.6	1022	2.46	19.3	.7	22.4	4.1	37.4	.20	.32	.41	45
SS03-20	.52	13.28	8.96	83.4	109	13.2	8.3	299	2.23	11.4	1.2	12.5	4.3	31.6	.33	.23	.51	56
RE SS03-20	.57	14.35	9.11	86.6	113	13.4	8.3	306	2.29	11.4	1.2	8.7	4.5	32.3	.37	.83	.52	57
SS03-21	.89	16.01	5.95	80.1	91	22.6	9.8	496	2.32	11.9	1.3	24.5	3.6	34.0	.33	.35	.26	60
SS03-22	.76	17.17	4.79	58.3	49	20.9	9.9	348	2.34	15.5	.7	.8	4.2	31.9	.10	.37	.14	63
SS03-23	.63	10.45	5.38	71.0	62	16.0	9.1	343	2.17	11.0	.8	4.2	5.9	30.1	.10	.28	.12	46
SS03-24	.43	8.06	4.12	61.0	25	15.9	9.0	260	2.06	4.7	.5	1.5	3.0	37.9	.06	.21	.07	47
SS03-25	.43	10.44	4.60	59.8	38	13.7	8.6	504	1.84	4.0	.7	1.6	3.5	41.7	.12	.24	.10	43
SS03-26	.77	9.36	4.92	77.8	37	9.7	13.3	508	3.67	9.5	1.0	8.0	6.3	25.9	.07	.29	.16	83
SS03-27	.71	9.56	4.70	63.4	40	10.6	9.4	332	2.63	4.5	1.5	2.3	6.1	30.8	.10	.20	.19	71
SS03-28	.69	9.62	4.02	52.7	42	11.4	7.5	316	1.98	9.9	1.8	1.1	5.5	33.1	.09	.28	.09	40
SS03-29	.72	7.09	4.31	57.8	36	6.7	7.6	297	2.44	5.9	1.5	1.0	4.8	32.4	.07	.18	.13	56
SS03-31	1.31	28.14	5.88	66.4	117	24.0	9.0	444	2.32	8.8	2.7	3.9	4.7	41.5	.28	.35	.26	60
SS03-32	1.43	16.44	9.79	68.8	84	10.7	8.0	514	2.55	4.6	6.3	4.1	7.9	38.6	.19	.23	.91	60
SS03-33	2.32	14.50	6.78	66.9	89	12.4	8.5	601	2.37	8.0	2.1	14.5	5.9	30.6	.18	.24	1.45	51
SS03-34	.92	7.88	4.59	62.2	47	8.2	8.7	347	2.43	4.5	1.1	23.7	6.3	26.2	.08	.20	.16	54
STANDARD DS5	13.03	140.74	24.41	137.1	282	24.3	12.4	766	2.91	18.0	5.9	43.1	2.7	48.1	5.57	3.75	6.10	58

SAMPLE#	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm	Tot Wt gm
G-1	.51	.083	7.0	12.9	.46	205.6	.111	1	.85	.068	.41	1.4	1.9	.27	<.01	<5	<.1	<.02	4.0	30	-
SS03-01	.48	.091	14.6	19.8	.44	151.6	.069	1	1.07	.022	.04	.3	2.9	.05	.01	21	<.1	<.02	3.9	30	6000
SS03-02	.41	.076	12.0	15.0	.38	86.1	.061	<1	.96	.016	.05	.5	2.4	.05	<.01	7	<.1	<.02	3.1	30	7200
SS03-03	.42	.085	13.7	14.3	.35	151.6	.087	<1	.78	.013	.05	.5	2.4	.05	<.01	11	.1	.02	3.7	30	7600
SS03-04	.42	.116	17.1	27.0	.30	122.4	.102	1	.69	.008	.05	1.8	2.3	.05	<.01	14	<.1	<.02	4.6	30	7700
SS03-05	.62	.096	10.7	30.7	1.04	75.2	.110	1	1.21	.041	.04	.4	3.4	.02	<.01	9	.1	<.02	3.9	30	7300
SS03-06	.68	.102	15.1	34.5	.92	152.1	.086	1	1.36	.034	.06	.2	3.7	.05	.01	18	.1	.03	4.4	30	8600
SS03-07	.41	.089	13.2	26.4	.53	141.9	.063	1	1.08	.017	.05	.3	3.0	.05	<.01	12	.1	.02	3.6	30	8000
SS03-08	.57	.100	15.4	31.2	.73	131.2	.083	1	1.18	.021	.06	.5	3.9	.05	<.01	16	<.1	<.02	3.9	30	9100
SS03-09	.46	.094	16.5	20.3	.48	190.5	.101	<1	1.20	.012	.09	2.2	3.6	.08	<.01	11	<.1	<.02	4.7	30	9700
SS03-10	.64	.068	14.4	20.8	.43	279.4	.055	1	1.25	.016	.07	.1	4.5	.09	.04	45	.3	.02	4.0	30	2000
SS03-11	.59	.088	15.1	27.9	.68	181.8	.086	1	1.36	.022	.07	.2	4.2	.07	.01	26	.2	.03	4.6	30	6200
SS03-12	.67	.089	16.9	19.7	.57	185.8	.093	1	1.34	.018	.09	.5	4.4	.08	.01	28	.2	<.02	4.7	30	5000
SS03-13	.50	.104	18.3	14.4	.48	141.6	.077	1	1.05	.015	.07	.3	3.5	.05	<.01	13	<.1	<.02	4.0	30	8600
SS03-14	.52	.103	16.3	13.5	.46	115.1	.074	<1	1.10	.015	.05	.4	3.2	.05	<.01	7	.1	<.02	4.1	30	7000
SS03-15	.60	.094	16.7	11.6	.55	170.1	.102	1	1.30	.016	.09	.4	4.1	.07	<.01	12	<.1	<.02	4.9	30	9500
SS03-16	.64	.123	19.8	17.5	.60	135.2	.107	<1	1.35	.017	.10	4.1	4.9	.08	<.01	10	.1	<.02	5.5	30	7500
SS03-17	.54	.097	18.0	17.6	.55	106.3	.086	<1	1.24	.017	.07	2.4	4.2	.06	<.01	10	.1	.02	4.7	30	8000
SS03-19	.65	.086	12.7	23.1	.53	118.1	.077	1	1.11	.020	.06	.6	3.3	.05	<.01	11	.3	.09	3.9	30	6300
SS03-20	.60	.088	14.0	22.0	.58	113.4	.095	1	1.25	.022	.07	.5	3.9	.06	.01	14	.4	.04	4.4	30	8300
RE SS03-20	.62	.088	14.1	23.5	.60	113.8	.098	1	1.30	.024	.07	.7	4.1	.08	<.01	13	.3	.04	4.5	30	-
SS03-21	.60	.075	13.7	31.9	.62	151.2	.079	1	1.27	.018	.07	.6	3.8	.07	<.01	11	.4	.02	4.1	30	5600
SS03-22	.52	.090	13.3	35.1	.62	123.5	.078	1	1.23	.020	.07	.5	3.9	.06	<.01	11	.2	.02	4.2	30	5500
SS03-23	.49	.098	20.0	28.7	.52	123.2	.054	<1	1.19	.014	.08	.9	3.3	.06	<.01	8	.2	<.02	4.3	30	7300
SS03-24	.55	.096	15.0	35.3	.68	110.0	.050	1	1.36	.015	.06	.3	3.3	.05	<.01	13	.1	<.02	4.7	30	6000
SS03-25	.63	.085	15.8	25.0	.54	158.1	.065	1	1.26	.019	.07	.3	3.5	.06	<.01	18	.1	<.02	4.3	30	4000
SS03-26	.54	.107	16.9	16.1	.83	177.3	.105	1	1.58	.015	.12	.4	6.4	.09	<.01	23	.1	<.02	6.1	30	8700
SS03-27	.57	.102	18.0	21.5	.63	166.2	.099	1	1.30	.019	.10	1.4	4.6	.09	<.01	14	.1	.03	4.7	30	5600
SS03-28	.53	.097	18.4	19.0	.43	159.2	.085	<1	1.28	.018	.13	.4	3.8	.11	<.01	15	.3	<.02	4.5	30	6800
SS03-29	.53	.087	16.5	14.9	.52	227.9	.108	<1	1.35	.014	.16	.4	4.3	.14	<.01	12	.2	<.02	5.1	30	8300
SS03-31	.63	.100	18.0	36.3	.56	249.8	.070	1	1.40	.016	.10	2.2	3.8	.10	.03	24	2.2	.05	4.6	30	6500
SS03-32	.53	.087	23.0	18.1	.47	142.1	.096	1	1.56	.017	.12	2.4	3.6	.14	<.01	22	.3	.03	5.8	30	7600
SS03-33	.40	.076	19.1	19.4	.51	180.3	.078	<1	1.45	.012	.08	12.5	3.2	.11	<.01	23	.2	.02	5.3	30	8000
SS03-34	.47	.078	20.3	15.5	.54	139.6	.065	<1	1.26	.013	.08	2.5	4.2	.08	<.01	14	.2	<.02	4.4	30	7500
STANDARD DS5	.72	.095	11.7	183.1	.66	139.6	.094	16	2.07	.034	.13	4.9	3.4	.99	.04	177	4.9	.83	6.4	30	-

GROUP 1F30 - 30.00 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/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C TOTAL WEIGHT FOR SILT SAMPLES. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 2003 **DATE REPORT MAILED:** Sept 15/03 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

TME YTI LAI TOR LTD 8 . I ING . V UVE 1R6 PH (604 -3 FAX)25 /16
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Aurora Geosciences Ltd. PROJECT Severance File # A303822 Page 1

108 Gold Road, Whitehorse YT Y1A 2W3 Submitted by: Scott Casselman

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	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	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
G-1	1.71	2.97	2.06	42.0	12	4.1	4.0	488	1.85	.2	1.9	.4	4.6	83.8	.01	.07	.12	36	.53	.092	7.5	12.0	.47	191.1	.111	1	.86	.079	.43	1.6	1.9	.29	<.01	<5	<.1	<.02	4.5	30
L38+00E 64+25N	1.80	56.70	17.75	146.4	2104	17.5	13.3	510	3.38	138.3	1.2	34.6	5.0	44.5	.53	1.32	14.93	67	.46	.051	16.2	29.1	.74	189.9	.072	1	2.13	.011	.10	.2	4.2	.17	.02	22	.6	.59	6.5	30
L38+00E 63+75N	1.80	37.16	11.08	85.3	262	18.5	8.5	285	2.89	28.8	.6	17.5	2.7	35.7	.46	.44	1.97	68	.49	.028	10.1	30.0	.59	170.7	.059	1	1.96	.011	.06	.2	3.1	.12	<.01	12	.2	.06	6.4	30
L38+00E 62+75N	1.68	35.39	16.85	86.7	445	18.0	11.6	555	2.67	56.1	.8	17.2	2.7	34.5	.42	.75	2.05	58	.53	.051	12.6	30.2	.63	139.1	.055	1	1.92	.011	.08	.2	3.4	.13	<.01	18	.3	.08	6.1	30
L38+00E 62+00N	5.98	103.12	28.58	89.3	503	17.2	12.7	369	4.61	306.7	.9	103.7	4.9	39.6	.46	3.17	3.86	72	.32	.031	11.9	26.2	.69	97.8	.028	<1	2.79	.008	.15	.2	3.5	.22	.02	18	1.0	.65	9.0	30
L38+00E 61+75N	2.63	25.61	14.61	63.4	625	16.5	9.9	278	3.02	52.2	.4	13.9	2.2	28.9	.34	.69	.75	66	.33	.026	8.6	29.6	.55	104.7	.055	1	1.96	.010	.13	<.1	2.8	.12	.01	12	.2	.07	7.8	30
L38+00E 61+50N	2.10	47.34	10.65	53.4	314	18.6	9.3	261	3.19	57.7	.5	32.4	3.1	43.1	.19	.80	.89	71	.42	.015	7.5	32.8	.70	105.7	.072	1	2.45	.011	.09	.1	3.4	.13	<.01	11	.3	.16	7.2	30
L38+00E 61+25N	2.18	33.04	9.71	43.6	224	15.2	8.5	405	2.61	53.3	.6	18.0	2.4	38.0	.26	.46	.91	63	.41	.020	10.5	28.1	.55	80.8	.079	<1	1.82	.014	.09	.1	3.1	.12	<.01	12	.2	.11	6.2	30
L38+00E 61+00N	9.08	187.77	23.62	87.2	511	10.8	8.0	258	3.74	135.1	.8	272.3	4.2	23.3	.50	1.86	7.58	57	.20	.052	10.6	11.9	.66	87.8	.022	<1	2.47	.007	.15	.1	2.6	.18	<.01	16	1.0	2.77	8.2	30
L38+00E 60+75N	2.65	36.43	10.44	54.9	294	19.9	9.2	209	2.97	25.0	.4	22.9	2.4	38.6	.20	.44	1.32	64	.28	.018	8.2	30.1	.65	98.0	.052	1	2.50	.010	.09	<.1	3.0	.14	<.01	13	.3	.54	7.4	30
L38+00E 60+50N	5.50	92.96	16.59	78.1	235	10.6	7.3	206	3.36	46.4	.7	76.6	3.7	187.2	.48	.63	4.02	70	.61	.028	7.4	15.5	.79	185.6	.067	<1	3.08	.012	.14	.1	4.2	.15	<.01	9	.6	1.73	9.8	30
L38+00E 60+25N	1.51	28.27	11.23	51.7	315	19.3	8.7	219	2.53	19.9	.4	19.0	2.9	36.1	.16	.36	.99	60	.35	.014	7.7	31.9	.60	102.3	.063	<1	1.97	.010	.07	.1	3.1	.09	<.01	11	.2	.41	5.9	30
L38+00E 60+00N	26.71	1036.77	298.80	1321.7	9907	12.3	29.5	571	7.30	239.2	4.5	1986.3	8.1	59.6	11.21	2.63	20.90	51	.34	.059	18.1	20.9	.76	79.6	.010	<1	2.74	.026	.16	.3	4.6	.22	.11	33	3.5	8.56	8.4	30
L38+00E 59+75N	4.72	58.36	11.20	57.1	383	17.3	9.4	290	2.85	63.1	.7	54.8	3.0	52.6	.33	.89	.95	61	.55	.023	10.7	30.1	.56	126.7	.062	1	2.03	.015	.11	.2	3.7	.13	<.01	18	.4	.26	7.3	30
L38+00E 59+50N	6.26	64.76	10.43	59.6	638	17.3	10.1	403	2.95	58.3	.8	36.4	2.5	67.0	.34	.86	1.16	61	.77	.035	10.2	27.1	.57	125.8	.072	1	1.84	.016	.11	.2	3.9	.10	.01	22	.4	.22	6.6	30
L38+00E 59+25N	5.80	151.79	10.63	55.9	1333	25.3	10.8	574	3.38	62.8	2.1	78.1	2.3	86.2	.43	1.19	1.15	64	1.14	.066	25.8	33.9	.60	166.7	.060	1	2.21	.019	.09	.1	5.5	.09	.03	43	1.0	.18	6.9	30
L38+00E 59+00N	6.48	62.62	9.76	60.8	355	16.7	9.3	322	3.09	74.8	1.1	56.0	3.0	55.9	.31	.84	1.19	63	.68	.029	13.4	31.2	.60	109.2	.079	1	2.07	.022	.13	.2	4.4	.11	.01	25	.4	.18	7.4	30
L38+00E 58+75N	7.79	78.65	9.28	64.3	415	18.2	9.8	424	3.12	65.9	1.4	67.3	2.9	68.2	.26	.79	1.20	64	.83	.047	17.1	28.6	.67	146.4	.079	1	2.02	.021	.11	.2	5.0	.10	.02	24	.6	.20	6.8	30
L38+00E 58+50N	8.95	79.89	11.96	69.3	458	20.7	11.8	472	3.62	84.7	2.4	97.0	3.6	56.9	.32	.87	1.80	73	.72	.039	19.1	33.5	.74	140.7	.088	1	2.44	.019	.13	.1	6.1	.10	.01	41	.6	.39	8.1	30
L38+00E 58+25N	8.52	74.47	10.76	63.1	249	17.2	9.6	362	3.20	90.8	2.0	118.2	3.8	61.1	.23	1.03	2.15	63	.60	.040	16.3	27.4	.65	118.6	.081	1	1.85	.019	.10	.2	5.1	.10	<.01	26	.6	.52	6.8	30
L38+00E 58+00N	10.19	72.01	10.34	62.6	259	19.4	11.6	432	3.17	67.8	1.5	69.1	3.6	58.1	.24	.81	1.45	67	.76	.036	14.8	30.7	.67	141.7	.091	1	2.03	.022	.11	.2	5.4	.09	<.01	21	.6	.34	7.1	30
RE L38+00E 58+00N	9.81	69.73	10.26	58.5	257	18.9	11.2	427	3.14	66.6	1.5	58.6	3.6	57.5	.26	.80	1.47	66	.75	.036	14.9	30.4	.66	146.4	.086	1	2.01	.018	.11	.2	5.2	.09	.01	20	.6	.35	6.8	30
L38+00E 57+75N	10.68	78.33	17.98	66.0	396	12.2	7.8	279	3.16	86.0	1.4	128.1	3.6	81.1	.32	.90	2.45	55	.77	.055	13.9	21.8	.56	112.9	.076	1	1.63	.019	.09	.2	3.9	.09	.02	20	1.0	.47	5.8	30
L38+00E 57+50N	11.17	97.60	14.17	67.5	596	14.8	9.7	225	3.18	109.2	4.6	94.3	2.7	82.7	.46	1.00	2.64	52	1.30	.053	17.5	26.7	.60	132.9	.060	1	1.85	.016	.09	.1	4.1	.09	.08	33	2.3	.52	6.1	30
L38+00E 57+25N	6.84	65.97	9.88	47.4	419	15.3	9.2	484	2.35	50.8	4.9	37.9	2.0	95.4	.35	.85	1.48	46	1.46	.050	15.4	23.6	.50	137.6	.049	1	1.63	.017	.05	.1	3.6	.08	.07	25	2.2	.30	5.5	30
L38+00E 57+00N	1.35	58.39	10.70	55.1	261	18.1	10.9	238	3.56	39.1	.8	68.4	3.6	24.0	.20	.42	3.34	76	.22	.019	9.5	28.8	.68	137.0	.080	<1	2.40	.012	.08	.1	4.1	.11	.03	16	.6	.63	7.7	30
L38+00E 56+75N	1.33	33.17	8.30	45.7	395	14.1	8.6	237	2.57	38.1	.5	19.0	2.6	30.8	.15	.38	.69	66	.36	.029	7.2	26.1	.51	119.0	.088	1	1.71	.012	.07	.2	3.3	.10	<.01	16	.4	.14	6.6	30
L38+00E 56+50N	1.01	56.57	9.78	53.1	820	19.4	10.6	252	2.82	42.9	.5	85.0	3.0	30.3	.15	.45	.86	62	.38	.048	8.5	31.5	.60	119.0	.076	1	1.75	.011	.09	.3	3.6	.08	.01	18	.4	.18	5.7	30
L38+00E 56+25N	.91	55.49	6.90	48.3	331	21.5	10.8	234	2.76	11.1	.5	23.7	3.2	26.3	.10	.28	.81	65	.34	.041	8.8	33.3	.62	153.0	.084	1	1.95	.011	.06	.2	3.7	.10	<.01	8	.2	.11	6.0	30
L38+00E 56+00N	1.70	130.18	12.23	60.9	540	11.1	12.1	248	3.91	22.1	.9	75.7	4.2	25.5	.50	.32	1.19	65	.23	.027	10.6	16.8	.54	130.8	.014	<1	2.19	.008	.09	.1	3.4	.23	<.01	15	.8	.27	7.4	30
L38+00E 55+75N	1.27	147.53	10.08	60.9	485	26.4	14.7	289	4.31	17.2	1.0	28.4	7.0	44.3	.17	.37	1.61	106	.44	.013	9.5	45.6	.89	140.5	.152	1	2.80	.013	.17	.2	8.0	.13	<.01	17	.6	.31	9.0	30
L38+00E 55+50N	1.64	107.09	9.40	60.7	216	14.2	12.5	279	4.20	10.3	1.2	45.7	6.9	33.2	.17	.24	.94	97	.35	.021	8.8	26.5	.93	114.3	.126	1	3.01	.012	.20	.2	6.8	.28	<.01	10	.4	.21	10.1	30
L38+00E 55+25N	1.01	58.12	7.72	55.4	209	18.8	10.8	222	3.22	9.8	.8	10.4	5.8	29.3	.12	.31	.68	77	.35	.017	11.2	35.9	.67	128.8	.127	<1	2.23	.012	.11	.2	6.7	.12	<.01	14	.4	.16	7.0	30
L38+00E 55+00N	.99	48.87	7.84	57.0	111	16.3	12.4	283	3.49	10.0	.9	15.2	5.4	34.7	.14	.27	2.47	90	.46	.019	10.3	32.2	.77	145.0	.159	1	2.39	.014	.08	.3	6.1	.13	<.01	11	.4	.29	8.1	30
L38+00E 54+75N	.78	37.86	6.71	54.7	325	18.6	10.3	226	3.13	13.6	.7	23.3	6.2	31.9	.13	.29	.94	77	.31	.017	11.2	34.7	.69	95.0	.113	<1	2.48	.009	.14	.2	4.7	.09	<.01	16	.3	.21	7.2	30
STANDARD DS5	13.16	145.66	23.42	141.6	282	24.9	12.6	763	2.94	18.6	5.9	40.2	2.6	49.1	5.66	3.76	6.11	59	.73	.095	12.4	188.0	.65	134.1	.098	17	2.05	.035	.14	5.1	3.4	1.04	.03	176	4.8	.88	6.9	30

GROUP 1F30 - 30.00 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/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 2003 **DATE REPORT MAILED:** Sep 20/2003 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ____

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
G-1	1.40	2.76	2.09	40.6	14	3.7	3.9	506	1.84	.4	1.8	.4	4.4	81.9	.01	.04	.11	38	.52
L38+00E 54+50N	.70	26.10	6.99	54.9	123	16.2	9.8	261	3.13	11.1	.7	2.7	5.3	29.7	.15	.34	1.24	81	.33
L38+00E 54+25N	.57	22.51	6.54	45.9	122	20.4	9.8	248	2.83	10.9	.7	1.5	5.2	25.2	.08	.38	.67	69	.31
L38+00E 54+00N	.82	177.67	19.95	131.1	375	13.8	23.4	778	6.99	42.7	2.7	17.2	16.0	85.2	.43	1.01	5.58	170	.70
L38+00E 53+75N	.63	46.13	10.12	58.8	1055	22.0	12.4	289	3.51	16.1	.8	10.2	6.9	36.6	.13	.46	1.68	88	.37
L38+00E 53+50N	.66	60.90	12.93	85.6	495	17.5	11.5	352	4.03	19.0	.9	21.2	7.3	46.2	.26	.49	10.93	102	.41
L38+00E 53+25N	.53	32.92	8.28	56.0	322	22.6	11.4	297	3.19	17.0	1.0	6.2	7.0	35.4	.12	.44	1.00	84	.40
L38+00E 53+00N	.56	25.32	7.80	53.3	123	21.3	11.6	436	2.97	8.8	.7	5.6	4.7	30.7	.13	.34	.81	75	.40
L38+00E 52+75N	.50	31.22	10.46	94.4	262	17.5	13.8	596	3.91	12.5	.9	6.4	7.7	39.2	.30	.29	1.37	108	.57
L38+00E 52+50N	.48	31.22	8.48	62.5	234	24.9	11.7	394	3.30	13.2	.7	4.5	5.6	36.1	.17	.36	.71	89	.49
L38+00E 52+25N	.67	34.30	11.85	82.3	207	22.2	13.7	598	3.73	19.8	.7	7.2	6.6	40.5	.22	.37	1.20	97	.55
L38+00E 52+00N	.66	38.49	15.89	73.7	601	12.7	11.4	497	3.34	28.0	1.3	5.1	9.9	87.1	.40	.40	1.19	83	1.01
L39+00E 63+75N	1.15	25.54	9.72	64.2	706	30.2	15.4	308	3.60	18.6	.4	3.5	2.6	24.8	.33	.44	.95	85	.29
L39+00E 63+25N	3.11	42.12	13.20	101.1	1958	17.8	8.3	329	2.87	70.7	1.0	15.1	1.3	43.1	.62	.82	18.46	67	.56
L39+00E 61+75N	2.32	35.96	12.03	58.8	413	18.9	10.3	363	3.02	58.5	.7	19.1	2.7	40.4	.24	.72	1.28	69	.54
RE L39+00E 63+75N	1.06	25.36	10.13	65.9	692	30.5	15.7	309	3.66	18.8	.4	7.2	2.6	24.9	.34	.42	.96	85	.29
L39+00E 61+50N	1.46	36.74	9.96	51.5	482	20.5	9.3	258	2.97	45.1	.5	18.1	3.0	36.4	.13	.46	.87	69	.41
L39+00E 61+25N	1.65	23.04	9.27	46.4	667	15.0	7.0	240	2.51	18.2	.4	14.4	2.1	33.9	.26	.33	.56	64	.38
L39+00E 60+75N	1.94	35.27	23.31	70.8	1085	23.1	11.2	304	3.02	93.5	.4	30.7	2.6	34.8	.44	.40	1.30	72	.38
L41+00E 67+75N	.64	18.68	20.90	144.1	628	15.9	10.3	551	2.90	35.0	1.3	8.9	5.1	29.1	.60	.50	2.14	70	.45
L41+00E 67+25N	.90	32.10	22.91	176.1	997	18.1	12.6	317	3.28	52.3	5.0	17.1	6.4	39.2	1.18	.73	2.44	75	.57
L41+00E 63+25N	1.20	39.33	13.47	98.7	196	27.0	18.6	537	4.81	34.5	.9	5.7	4.9	46.8	.37	.89	1.69	107	.54
L41+00E 62+75N	1.28	30.06	11.47	89.7	376	14.9	12.6	458	3.65	128.1	1.0	10.2	4.2	36.8	.45	.71	4.26	83	.46
L41+00E 62+25N	2.60	67.31	16.55	78.2	1401	16.6	14.9	728	3.03	118.5	3.1	44.0	2.0	53.0	.21	1.15	6.32	62	.71
L41+00E 61+75N	2.46	68.52	17.44	81.3	1136	17.2	16.1	1028	3.03	108.2	3.1	56.0	2.8	50.2	.30	1.17	6.84	63	.69
L43+00E 59+75N	2.19	74.44	9.64	68.8	347	14.7	8.7	242	2.85	39.7	1.9	34.8	3.2	38.6	.27	.95	.88	66	.67
L43+00E 59+50N	2.58	98.12	7.96	62.9	359	14.1	9.1	510	2.67	30.6	2.8	29.3	1.9	66.4	.22	.95	.96	57	1.17
L43+00E 59+25N	4.48	97.37	10.52	77.4	207	14.0	8.8	271	3.08	64.9	1.5	46.4	3.4	40.0	.33	1.62	1.11	54	.65
L43+00E 59+00N	8.79	180.64	15.10	79.9	445	13.0	9.0	289	3.09	132.7	2.4	77.3	3.2	53.1	.36	3.67	1.41	50	.81
L43+00E 58+75N	4.71	128.67	13.00	78.2	469	14.0	12.4	467	3.17	49.9	1.7	78.9	3.2	62.4	.55	1.10	1.97	58	.79
L43+00E 58+50N	6.13	117.58	11.40	70.8	344	14.0	11.3	332	3.21	74.4	1.5	116.6	3.8	62.1	.44	1.43	.95	60	.72
L43+00E 58+25N	4.73	134.19	10.89	63.3	453	12.8	10.8	313	3.30	70.9	2.3	54.3	4.1	69.3	.42	1.11	2.00	57	.87
L43+00E 58+00N	3.38	161.88	10.69	73.3	570	14.5	11.8	427	3.04	90.4	3.0	98.3	3.8	76.1	.79	1.62	1.23	54	1.34
L43+00E 57+75N	8.65	86.93	14.99	67.7	185	17.7	14.3	319	3.88	99.0	.8	39.7	3.8	38.5	.30	1.24	1.74	80	.52
L43+00E 57+50N	7.04	170.78	18.14	85.2	861	12.9	13.6	429	3.37	181.2	2.6	301.2	3.8	64.8	.68	3.43	3.89	60	1.01
STANDARD DS5	12.40	142.17	23.97	138.0	275	24.7	12.3	786	2.97	18.5	5.8	42.3	2.7	49.4	5.54	3.85	5.98	62	.74

SAMPLE#	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
G-1	.063	7.5	12.3	.50	203.0	.115	1	.86	.067	.41	1.4	1.8	.29	<.01	<5	<.1	<.02	4.6	30
L38+00E 54+50N	.013	11.0	30.7	.73	179.7	.130	1	2.19	.011	.09	.3	4.3	.12	<.01	9	.2	.41	7.0	30
L38+00E 54+25N	.012	13.7	39.9	.61	118.4	.107	1	2.03	.011	.07	.2	5.4	.08	<.01	14	.3	.14	5.8	30
L38+00E 54+00N	.025	17.4	23.2	1.75	238.2	.221	1	4.88	.014	.29	1.0	12.0	.28	.02	26	1.5	.66	16.7	30
L38+00E 53+75N	.012	18.1	48.9	.72	152.4	.118	1	2.51	.013	.11	.3	8.2	.09	<.01	24	.3	.34	7.7	30
L38+00E 53+50N	.014	13.4	32.9	.98	163.7	.061	<1	3.12	.011	.12	.8	6.5	.12	<.01	16	.4	2.09	10.2	30
L38+00E 53+25N	.010	22.7	48.7	.71	103.1	.123	1	2.53	.012	.08	.3	8.8	.07	<.01	25	.3	.12	7.3	30
L38+00E 53+00N	.018	13.4	41.1	.63	147.1	.122	1	2.06	.014	.06	.2	6.5	.08	<.01	18	.2	.10	6.5	30
L38+00E 52+75N	.036	12.2	32.8	.97	255.5	.207	1	2.82	.019	.18	.4	7.6	.13	<.01	19	.2	.11	9.7	30
L38+00E 52+50N	.016	17.6	49.3	.78	171.5	.146	1	2.30	.017	.08	.2	8.0	.08	<.01	18	.3	.05	7.1	30
L38+00E 52+25N	.020	16.9	40.7	.90	212.9	.165	<1	2.67	.028	.08	.3	7.7	.11	<.01	15	.3	.10	8.8	30
L38+00E 52+00N	.018	29.9	21.9	.71	98.3	.171	1	4.56	.024	.13	.5	9.7	.08	<.01	27	.4	.11	12.2	30
L39+00E 63+75N	.016	8.3	43.2	.68	242.9	.108	1	2.85	.012	.06	.1	3.8	.12	<.01	26	.2	.13	8.1	30
L39+00E 63+25N	.034	13.0	29.8	.58	180.0	.060	1	2.05	.013	.10	.2	3.7	.14	.01	32	.6	.11	7.3	30
L39+00E 61+75N	.022	10.5	31.5	.67	130.3	.069	1	2.29	.012	.14	.1	3.9	.13	<.01	22	.3	.16	7.4	30
RE L39+00E 63+75N	.017	8.1	43.9	.69	239.5	.106	1	2.87	.012	.06	.1	3.9	.11	<.01	25	.2	.14	8.0	30
L39+00E 61+50N	.013	9.0	35.3	.65	143.6	.086	1	2.38	.013	.07	.1	3.7	.10	<.01	14	.3	.13	6.6	30
L39+00E 61+25N	.014	8.7	28.1	.48	114.1	.077	1	1.77	.011	.08	.1	2.7	.09	.01	16	.2	.10	6.3	30
L39+00E 60+75N	.014	8.5	38.6	.66	133.4	.060	1	2.37	.010	.08	.1	3.5	.12	<.01	16	.3	.39	7.0	30
L41+00E 67+75N	.042	14.7	31.4	.77	202.2	.127	1	2.13	.012	.08	.2	4.8	.14	.01	32	.3	.08	6.8	30
L41+00E 67+25N	.034	20.3	32.1	.78	220.4	.102	1	2.37	.012	.07	.2	7.2	.16	.02	43	1.0	.11	7.6	30
L41+00E 63+25N	.019	9.0	36.8	1.02	286.5	.116	2	3.89	.011	.16	.2	6.4	.17	<.01	12	.4	.27	10.5	30
L41+00E 62+75N	.026	10.6	27.8	.80	200.4	.104	1	2.29	.015	.10	.2	4.5	.13	.01	19	.4	.27	7.4	30
L41+00E 62+25N	.059	16.7	29.1	.63	180.1	.056	1	2.08	.015	.09	.4	4.9	.14	.05	57	2.1	.32	6.3	30
L41+00E 61+75N	.055	18.3	29.7	.66	186.8	.060	1	2.09	.015	.09	.5	5.1	.16	.04	46	1.9	.34	6.4	30
L43+00E 59+75N	.043	13.1	28.3	.68	138.5	.099	1	1.97	.016	.09	.2	5.1	.12	.02	32	.9	.17	6.6	30
L43+00E 59+50N	.058	14.6	26.4	.62	159.7	.076	2	1.81	.019	.08	.2	4.9	.11	.07	44	1.5	.14	6.0	30
L43+00E 59+25N	.045	12.1	25.5	.65	116.7	.082	1	1.80	.016	.09	.2	4.2	.10	.02	25	1.2	.31	6.2	30
L43+00E 59+00N	.050	17.4	23.4	.57	126.1	.062	1	1.86	.015	.10	.2	4.5	.12	.05	40	2.5	.43	6.3	30
L43+00E 58+75N	.051	12.4	25.6	.66	117.4	.061	1	2.09	.016	.11	.2	4.6	.16	.01	29	1.4	.71	6.7	30
L43+00E 58+50N	.042	14.1	25.9	.68	119.3	.071	1	1.99	.017	.11	.2	4.6	.15	.04	27	1.2	.19	6.7	30
L43+00E 58+25N	.039	12.8	22.2	.63	119.5	.065	1	1.98	.026	.12	.2	4.7	.15	.09	25	1.7	.21	6.4	30
L43+00E 58+00N	.044	16.7	25.7	.64	133.6	.052	1	2.10	.017	.11	.2	5.1	.15	.05	40	2.0	.21	6.5	30
L43+00E 57+75N	.030	9.2	29.3	.74	138.9	.047	1	2.60	.013	.14	.2	4.8	.16	<.01	17	.5	.21	8.6	30
L43+00E 57+50N	.040	12.3	22.6	.62	111.5	.051	1	1.82	.018	.11	.2	4.7	.13	.04	33	1.7	1.04	6.5	30
STANDARD DS5	.096	12.4	190.1	.68	136.5	.099	17	2.11	.034	.14	5.2	3.6	1.02	.03	174	4.7	.84	6.8	30

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

Data ✓ FA ____

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm
L43+00E 57+25N	4.38	125.38	12.02	64.0	316	18.5	12.0	298	3.48	143.2	1.2	52.2	3.8	37.0	.26	1.74	1.17	65	.50	.031	12.7	25.7	.67	124.0	.045	1	2.50	.016	.11	.2	4.4	.15	.01	19	.7	.25	7.0	30
L43+00E 57+00N	4.26	48.05	13.07	63.9	135	18.1	13.6	299	3.51	68.0	.5	16.3	2.7	30.0	.68	.77	.63	75	.38	.028	7.9	26.3	.61	122.8	.047	1	2.57	.012	.11	.2	3.3	.11	.01	19	.3	.17	7.9	30
L43+00E 56+75N	3.94	39.26	12.85	78.1	292	19.5	12.1	421	3.37	45.7	.6	16.5	2.6	39.1	.99	.56	.56	75	.52	.021	7.9	29.6	.61	175.7	.053	<1	2.45	.012	.13	.2	3.9	.12	<.01	24	.3	.11	7.3	30
L43+00E 56+50N	3.73	43.27	15.41	101.1	312	19.8	14.2	739	3.13	40.2	.6	13.3	2.9	35.6	.52	.55	.57	69	.47	.018	10.6	31.0	.55	188.1	.061	1	2.19	.015	.13	.1	3.7	.13	<.01	19	.3	.10	7.1	30
L43+00E 56+25N	7.02	72.25	11.32	52.6	133	16.1	9.3	272	2.71	50.7	.9	72.8	4.0	40.1	.26	.82	1.14	54	.55	.017	11.7	24.2	.56	93.9	.073	1	1.79	.020	.13	.2	3.9	.08	.02	17	.5	.46	5.4	30
L43+00E 56+00N	9.18	56.80	10.85	64.1	331	20.6	14.2	264	4.20	24.8	.6	4.1	2.9	29.8	.44	.58	.42	93	.35	.023	8.4	29.4	.69	147.2	.090	<1	2.75	.012	.11	.2	4.2	.13	<.01	11	.3	.06	8.4	30
L43+00E 55+75N	21.51	276.36	22.81	101.5	386	15.5	18.1	363	6.88	76.6	2.2	74.2	10.7	239.2	.66	1.23	1.32	119	.53	.026	14.7	26.9	1.14	128.9	.101	<1	3.82	.017	.18	.3	8.2	.22	<.01	13	2.1	.32	12.9	30
L43+00E 55+50N	7.67	78.88	13.20	72.7	243	15.3	10.5	307	3.82	52.1	1.1	17.0	7.0	34.5	.33	.79	.47	86	.45	.015	10.6	25.8	.85	156.5	.057	<1	2.46	.012	.14	.2	5.4	.11	<.01	18	.6	.08	8.3	30
L43+00E 55+25N	6.82	112.25	15.80	136.2	197	9.8	10.2	226	3.63	229.3	.5	58.7	4.2	28.9	1.07	.96	1.62	64	.37	.019	10.1	17.3	.60	179.2	.008	<1	2.43	.008	.12	.2	4.0	.21	<.01	10	.4	.21	6.9	30
L43+00E 55+00N	3.71	48.62	11.75	110.7	412	22.2	13.6	286	3.97	16.6	.7	13.5	5.8	35.9	.36	.46	.89	91	.34	.027	11.1	36.4	.78	191.0	.100	<1	3.49	.011	.13	.1	4.9	.18	<.01	23	.2	.19	9.5	30
L43+00E 54+75N	6.38	55.58	12.57	66.5	180	8.4	13.5	383	3.67	51.7	1.3	4.1	8.6	130.1	.20	1.00	.88	83	.48	.028	10.9	15.2	.70	519.3	.027	<1	3.50	.020	.14	.1	6.2	.18	<.01	20	.4	.26	9.7	30
L43+00E 54+50N	3.28	47.15	8.19	58.4	205	16.2	11.8	346	3.54	31.9	2.0	9.2	8.3	41.6	.13	.49	.93	88	.55	.023	13.4	28.2	.77	285.9	.167	1	2.71	.018	.20	.3	6.8	.15	<.01	18	.4	.23	8.0	30
L43+00E 54+25N	2.80	24.00	7.02	46.4	83	17.5	10.4	311	2.88	11.4	3.1	8.7	5.2	31.5	.06	.36	.34	71	.45	.024	11.8	34.2	.64	193.3	.139	1	1.92	.018	.09	.2	5.7	.07	<.01	8	.6	.06	5.7	30
L43+00E 54+00N	8.34	51.15	16.64	66.5	166	17.2	12.2	440	3.60	25.3	5.9	18.7	5.4	50.1	.18	.54	1.01	90	.76	.027	13.5	32.2	.84	219.4	.190	1	2.13	.024	.31	.2	6.9	.13	.02	22	1.4	.21	7.2	30
RE L43+00E 54+00N	7.83	53.08	16.36	66.1	160	17.3	12.2	451	3.68	25.4	5.8	12.2	5.3	51.0	.18	.53	1.02	93	.78	.026	12.9	31.4	.86	213.1	.194	1	2.17	.023	.31	.2	7.0	.15	.03	18	1.5	.16	7.3	30
L43+00E 53+75N	14.51	66.22	9.01	63.2	188	17.6	9.5	355	2.83	19.0	7.1	23.1	3.9	72.8	.17	.49	.67	67	1.16	.070	15.7	27.0	.71	249.1	.139	1	1.74	.028	.13	.2	5.5	.11	.05	25	2.0	.13	5.7	30
L43+00E 53+50N	18.88	52.27	7.99	72.4	184	12.5	9.8	386	3.03	40.9	1.5	26.3	4.4	56.1	.41	.88	.62	71	.95	.062	11.5	21.6	.73	110.1	.140	1	1.78	.027	.15	.3	5.7	.12	.04	30	1.0	.14	6.1	30
L43+00E 53+25N	35.02	51.29	9.19	77.7	107	11.9	11.5	450	3.81	48.6	2.0	38.2	4.8	50.4	.27	.82	.91	92	.88	.054	12.1	23.2	.89	187.0	.179	<1	2.04	.020	.15	.6	6.7	.14	.04	29	.7	.23	7.6	30
L43+00E 53+00N	32.34	50.15	9.67	78.1	90	13.0	13.3	507	3.94	29.0	1.9	14.0	5.2	47.5	.18	.59	.85	97	.77	.044	12.8	24.4	.91	213.1	.215	1	2.11	.021	.20	.4	6.6	.17	.03	22	.6	.18	8.2	30
L43+00E 52+75N	27.90	58.66	9.44	81.4	218	13.8	10.8	493	3.69	16.2	2.7	16.0	5.3	59.3	.18	.55	.76	91	1.22	.069	15.1	24.5	.92	217.3	.202	2	2.19	.022	.22	.2	6.8	.16	.07	32	.9	.12	7.9	30
L43+00E 52+50N	26.09	45.13	9.95	92.5	184	13.3	13.2	555	4.11	16.2	2.4	81.1	6.0	46.3	.15	.49	.76	101	.95	.058	13.8	24.6	1.06	236.6	.234	1	2.47	.021	.20	.3	7.3	.18	.04	29	.6	.07	9.0	30
L43+00E 52+25N	22.22	64.81	8.73	84.1	131	16.2	12.8	451	4.20	16.3	3.1	14.6	6.4	51.3	.17	.54	.71	105	.98	.064	17.7	28.3	1.08	218.3	.243	1	2.47	.023	.26	.2	8.1	.20	.04	34	.7	.09	9.0	30
L43+00E 52+00N	19.39	50.35	8.91	76.6	144	14.8	11.8	452	3.59	14.6	4.7	21.4	5.1	56.9	.18	.64	.54	87	1.05	.065	19.1	26.8	.92	211.1	.184	1	2.17	.020	.18	.3	7.7	.14	.06	38	.8	.06	7.7	30
STANDARD DS5	13.11	139.55	25.46	135.1	291	25.1	12.3	788	3.00	19.3	5.8	42.0	2.6	48.6	5.68	3.77	6.29	62	.74	.098	12.5	183.6	.68	144.5	.098	16	2.10	.034	.14	5.1	3.6	1.05	.03	182	4.9	.83	6.7	30

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

Data FA

Appendix III

Statement of Expenditures

Contractor Costs

Aurora Geosciences Ltd – invoice #1			
Mobilization – fixed cost		300.00	
Prospecting and sampling – 4 persons, 3 days @ $1,440/day		4,320.00	
Camp Rental – 3 days @ $100/day		300.00	
Food – 12 man-days @ $35.00/day		420.00	
Disbursements			
Sample Shipping – Byers transport		247.80	
Trans North Helicopters – 10.5 hours @$ 1132.37		11,889.91	
Administration Fee		606.88	
Federal GST		416.28	
	Total		18,501.27
Aurora Geosciences Ltd – invoice #2			
Sample analysis – Acme Analytical Labs		3,437.91	
Administration Fee		171.90	
	Total		3,609.81
Aurora Geosciences Ltd – invoice #3			
Report writing costs		1,500.00	
Federal GST		105.00	
	Total		1,605.00
		Total	**23,716.08**

Appendix IV

KLOTASSIN RIVER RECONNAISSANCE PROJECT

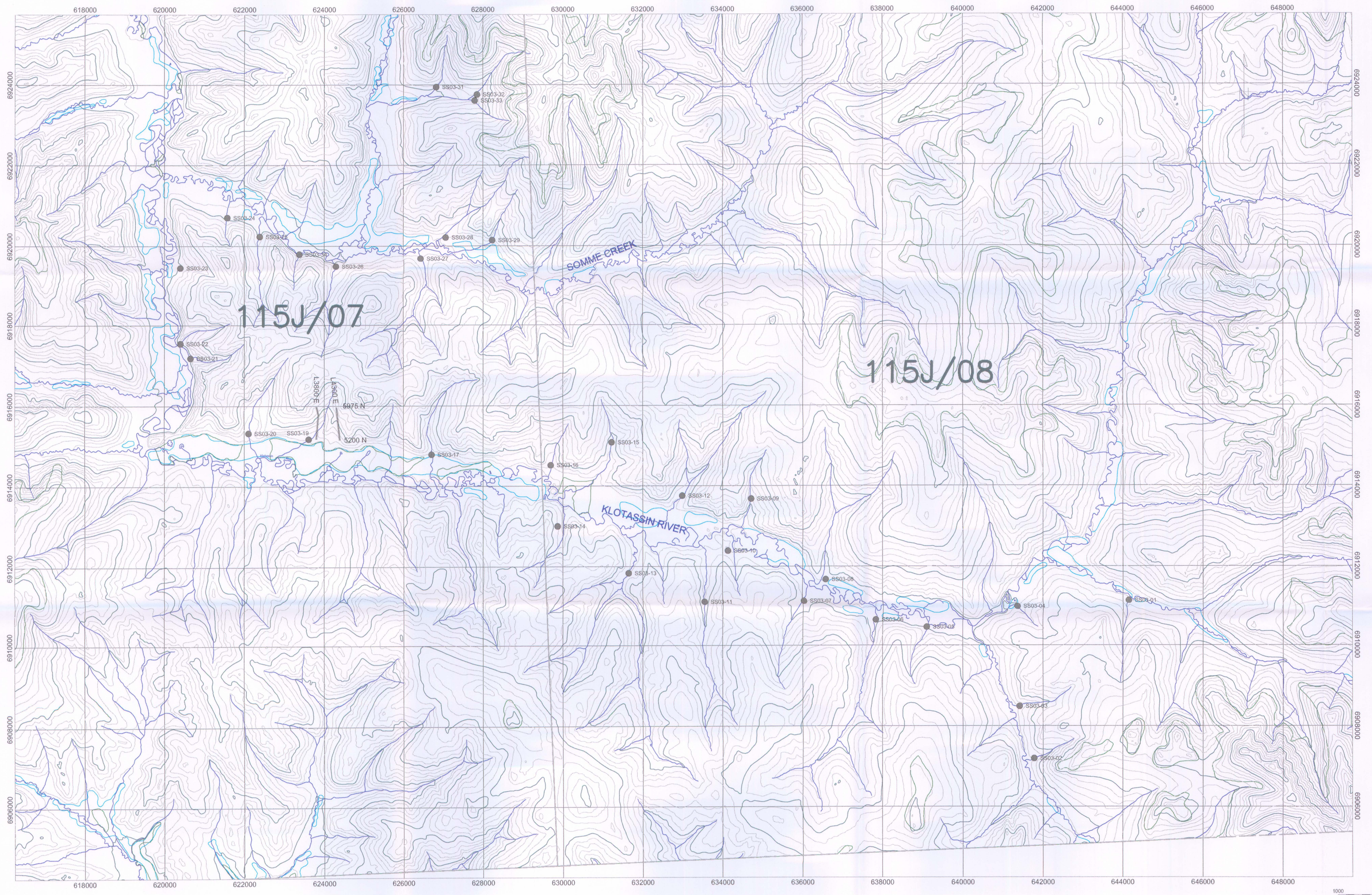
CREW LOG

Crew: Scott Casselman, Project Geologist
Kel Sax, geological engineer
Casey Adshead, geological assistant
Susanne Aichelle, field assistant

August 13 Clear skys, hot and dry. Scott, Casey and Susanne fly to stream sediment sample sites along the Klotassin River at 10:00 AM to start sampling. Kel loads helicopter to move camp gear to Severance property camp site. Kel starts stream sed sampling in afternoon. Collect 14 stream sediment samples. Fly to camp site at 5:00 and set-up camp.

August 14 Clear and warm. Casey and Susanne run reconnaissance soil lines down slope from camp site to Klotassin River valley. Scott and Kel prospects and collects some fill-in soil samples.

August 15 Slightly overcast in AM and windy, clear and very windy in afternoon. Pack-up camp in morning. Helicopter arrives at 9:00 AM. Scott, Susanne and Kel get set-out to continue stream sediment sampling. Casey hooks sling load to helicopter for demob to Mt Nasen Mine road. Casey hikes down to Klotassin River to collect a stream sediment sample below camp area. Helicopter has tough time with slinging due to strong winds, takes 2.5 hours to return to area. All four crew get moved to areas where they can collect multiple stream sed samples as helicopter must fly to Carmacks for other work. Kel collects 3 samples, Susanne - 3 samples, Casey - 3 samples and Scott - 4 samples. Helicopter returns at 6:00 PM (late). Scott and Casey get pick-up to move to last 2 sample sites. Helicopter "Chip Light" comes on and must set-down to resolve problem. Call Trans North to arrange for another helicopter to come out. Pilot able to finally resolve problem at 8:30 PM and cancels second helicopter coming out. Load all 4 crew, remaining personal gear and all samples in helicopter and fly out to truck on Mt Nansen road at 10:00 PM. Crew drives to Carmacks, has snack, picks-up some gear at Trans North base and drives to Whitehorse. Arrives in Whitehorse at 2:30 AM.



● Stream sediment sample location

STREAM SEDIMENT SAMPLE GEOCHEMISTRY

Sample	Au (ppb)	Ag (ppb)	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Co (ppm)	As (ppm)	Bi (ppm)	W (ppm)
SS03-01	3.4	30	0.37	7.45	4.27	96.6	10.8	8.6	2.5	0.10	0.3
SS03-02	1.0	27	0.25	6.56	3.79	43.2	8.4	6.9	2.1	0.09	0.5
SS03-03	17.9	50	0.27	5.92	7.72	58.8	7.0	8.5	2.9	0.20	0.5
SS03-04	13.7	35	0.35	5.30	4.22	58.7	5.9	8.0	2.5	0.34	1.8
SS03-05	14.7	24	0.23	8.93	3.78	56.3	35.2	10.9	1.9	0.05	0.4
SS03-06	2.1	34	0.50	13.46	5.35	68.9	40.0	12.6	3.6	0.09	0.2
SS03-07	1.3	28	0.22	9.46	4.16	62.0	19.8	9.0	3.6	0.06	0.3
SS03-08	2.7	40	0.35	8.13	5.22	56.5	20.0	8.9	2.9	0.07	0.5
SS03-09	< .2	36	0.45	8.96	4.44	53.0	7.4	8.2	2.7	0.12	2.2
SS03-10	1.9	65	0.68	16.03	6.36	72.7	12.0	7.9	2.9	0.09	0.1
SS03-11	0.5	42	0.31	14.00	5.50	65.5	21.0	10.5	2.9	0.08	0.2
SS03-12	4.5	52	0.50	10.19	5.78	59.0	10.9	8.4	2.6	0.12	0.5
SS03-13	6.8	24	0.32	5.59	3.88	57.4	8.9	7.1	2.2	0.06	0.3
SS03-14	2.6	21	0.15	5.01	3.71	56.8	7.9	6.7	1.7	0.06	0.4
SS03-15	1.0	37	0.43	7.15	4.64	57.7	6.1	8.7	2.5	0.17	0.4
SS03-16	0.4	33	0.76	7.38	5.21	63.2	6.9	10.2	3.1	0.99	4.1
SS03-17	46.1	74	1.28	11.25	5.89	64.6	8.4	7.6	13.9	0.24	2.4
SS03-19	22.4	72	1.52	16.22	5.31	62.1	14.4	9.6	19.3	0.41	0.6
SS03-20	12.5	109	0.52	13.28	8.96	83.4	13.2	8.3	11.4	0.51	0.5
SS03-21	24.5	91	0.89	16.01	5.95	80.1	22.6	9.8	11.9	0.26	0.6
SS03-22	0.8	49	0.76	17.17	4.79	58.3	20.9	9.9	15.5	0.14	0.5
SS03-23	4.2	62	0.63	10.45	5.38	71.0	16.0	9.1	11.0	0.12	0.9
SS03-24	1.5	25	0.43	8.06	4.12	61.0	15.9	9.0	4.7	0.07	0.3
SS03-25	1.6	38	0.43	10.44	4.60	59.8	13.7	8.6	4.0	0.10	0.3
SS03-26	8.0	37	0.77	9.36	4.92	77.8	9.7	13.3	9.5	0.16	0.4
SS03-27	2.3	40	0.71	9.56	4.70	63.4	10.6	9.4	4.5	0.19	1.4
SS03-28	1.1	42	0.69	9.62	4.02	52.7	11.4	7.5	9.9	0.09	0.4
SS03-29	1.0	36	0.72	7.09	4.31	57.8	6.7	7.6	5.9	0.13	0.4
SS03-31	3.9	117	1.31	28.14	5.88	66.4	24.0	9.0	8.8	0.26	2.2
SS03-32	4.1	84	1.43	16.44	9.79	68.8	10.7	8.0	4.6	0.91	2.4
SS03-33	14.5	89	2.32	14.50	6.78	66.9	12.4	8.5	8.0	1.45	12.5
SS03-34	23.7	47	0.92	7.88	4.59	62.2	8.2	8.7	4.5	0.16	2.6
Std Dev	10.2	25.4	0.5	4.8	1.4	10.2	8.1	1.5	4.6	0.3	2.3
Mean	8.0	49.7	0.7	10.8	5.3	63.8	14.0	8.9	5.9	0.2	1.3
Mean +St Dev	18.2	75.1	1.1	15.6	6.7	74.0	22.1	10.4	10.5	0.6	3.5

(highlighted) >= mean + standard deviation

SOIL SAMPLE GEOCHEMISTRY

Line	Station	Au (ppb)	Ag (ppm)	Mo (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)
3800	5200	5.1	0.601	0.66	38.49	15.89	73.70	28.00	1.19
3800	5225	7.2	0.207	0.67	34.30	11.85	82.30	19.80	1.20
3800	5250	4.5	0.234	0.48	31.22	8.48	62.50	13.20	0.71
3800	5275	6.4	0.262	0.50	31.22	10.46	94.40	12.50	1.37
3800	5300	5.6	0.123	0.56	25.32	7.80	53.30	8.80	0.81
3800	5325	6.2	0.322	0.53	32.92	8.28	56.00	17.00	1.00
3800	5350	21.2	0.495	0.66	60.90	12.93	85.60	19.00	10.93
3800	5375	10.2	1.055	0.63	46.13	10.12	58.80	16.10	1.68
3800	5400	17.2	0.375	0.82	177.67	19.95	131.10	42.70	5.58
3800	5425	1.5	0.122	0.57	22.51	6.54	45.90	10.90	0.67
3800	5450	2.7	0.123	0.70	26.10	6.99	54.90	11.10	1.24
3800	5475	23.3	0.325	0.78	37.86	6.71	54.70	13.60	0.94
3800	5500	15.2	0.111	0.99	48.87	7.84	57.00	10.00	2.47
3800	5525	10.4	0.209	1.01	58.12	7.72	55.40	9.80	0.68
3800	5550	45.7	0.216	1.64	107.09	9.40	60.70	10.30	0.94
3800	5575	28.4	0.485	1.27	147.53	10.08	60.90	17.20	1.61
3800	5600	75.7	0.540	1.70	130.18	12.23	60.90	22.10	1.19
3800	5625	23.7	0.331	0.91	55.49	6.90	48.30	11.10	0.81
3800	5650	85.0	0.820	1.01	56.57	9.78	53.10	42.90	0.86
3800	5675	19.0	0.395	1.33	33.17	8.30	45.70	38.10	0.69
3800	5700	68.4	0.261	1.35	58.39	10.70	55.10	39.10	3.34
3800	5725	37.9	0.419	6.84	65.97	9.88	47.40	50.80	1.48
3800	5750	94.3	0.596	11.17	97.60	14.17	67.50	109.20	2.64
3800	5775	128.1	0.396	10.68	78.33	17.98	66.00	86.00	2.45
3800	5800	69.1	0.259	10.19	72.01	10.34	62.60	67.80	1.45
3800	5825	118.2	0.249	8.52	74.47	10.76	63.10	90.80	2.15
3800	5850	97.0	0.458	8.95	79.89	11.96	69.30	84.70	1.80
3800	5875	67.3	0.415	7.79	78.65	9.28	64.30	65.90	1.20
3800	5900	56.0	0.355	6.48	62.62	9.76	60.80	74.80	1.19
3800	5925	78.1	1.333	5.80	151.79	10.63	55.90	62.80	1.15
3800	5950	36.4	0.638	6.26	64.76	10.43	59.60	58.30	1.16
3800	5975	54.8	0.383	4.72	58.36	11.20	57.10	63.10	0.95
4300	5200	21.4	0.144	19.39	50.35	8.91	76.60	14.60	0.54
4300	5225	14.6	0.131	22.22	64.81	8.73	84.10	16.30	0.71
4300	5250	81.1	0.184	26.09	45.13	9.95	92.50	16.20	0.76
4300	5275	16.0	0.218	27.90	58.66	9.44	81.40	16.20	0.76
4300	5300	14.0	0.090	32.34	50.15	9.67	78.10	29.00	0.85
4300	5325	38.2	0.107	35.02	51.29	9.19	77.70	48.60	0.91
4300	5350	26.3	0.184	18.88	52.27	7.99	72.40	40.90	0.62
4300	5375	23.1	0.188	14.51	66.22	9.01	63.20	19.00	0.67
4300	5400	18.7	0.166	8.34	51.15	16.64	66.50	25.30	1.01
4300	5425	8.7	0.083	2.80	24.00	7.02	46.40	11.40	0.34
4300	5450	9.2	0.205	3.28	47.15	8.19	58.40	31.90	0.93
4300	5475	4.1	0.180	6.38	55.58	12.57	66.50	51.70	0.88
4300	5500	13.5	0.412	3.71	48.62	11.75	110.70	16.60	0.89
4300	5525	58.7	0.197	6.82	112.25	15.80	136.20	229.30	1.62
4300	5550	17.0	0.243	7.67	78.88	13.20	72.70	52.10	0.47
4300	5575	74.2	0.386	21.51	276.36	22.81	101.50	76.60	1.32
4300	5600	4.1	0.331	9.18	56.80	10.85	64.10	24.80	0.42
4300	5625	72.8	0.133	7.02	72.25	11.32	52.60	50.70	1.14
4300	5650	13.3	0.312	3.73	43.27	15.41	101.10	40.20	0.57
4300	5675	16.5	0.292	3.94	39.26	12.85	78.10	45.70	0.56
4300	5700	16.3	0.135	4.26	48.05	13.07	63.90	68.00	0.63
4300	5725	52.2	0.316	4.38	125.38	12.02	64.00	143.20	1.17
4300	5750	301.2	0.861	7.04	170.78	18.14	85.20	181.20	3.89
4300	5775	39.7	0.185	8.65	86.93	14.99	67.70	99.00	1.74
4300	5800	98.3	0.570	3.38	161.88	10.69	73.30	90.40	1.23
4300	5825	54.3	0.453	4.73	134.19	10.89	63.30	70.90	2.00
4300	5850	116.6	0.344	6.13	117.58	11.40	70.80	74.40	0.95
4300	5875	78.9	0.469	4.71	128.67	13.00	78.20	49.90	1.97
4300	5900	77.3	0.445	8.79	180.64	15.10	79.90	132.70	1.41
4300	5925	46.4	0.207	4.48	97.37	10.52	77.40	64.90	1.11
4300	5950	29.3	0.359	2.58	98.12	7.96	62.90	30.60	0.96
4300	5975	34.8	0.347	2.19	74.44	9.64	68.80	39.70	0.88

Scale 1:50000

1000 0 1000 2000 3000

metres

NAD83 / UTM zone 7N

EAGLE PLAINS RESOURCES LTD

KLOTASSIN RIVER RECONNAISSANCE PROJECT
STREAM SEDIMENT SAMPLE LOCATION MAP

Whitehorse Mining District | NTS: 115J07, 08
FIGURE 3 | November, 2003

AURORA GEOSCIENCES LTD

YUKON ENERGY MINES & RESOURCES
P.O. Box 2703
Whitehorse, Yukon Y1A 2C6