ASSESSMENT REPORT

SOIL AND SILT SAMPLING
on the
CHUCK MINERAL CLAIMS

(505087, 505090, 505095, 521428)

Kamloops Mining Division, British Columbia, Canada

NTS 82M/12
Latitude: 51°33'N
Longitude: 119°38'W
Owner: Christopher O. Naas
Operator: Christopher O. Naas

by

Christopher O. Naas, *P.Geo.*

November 29, 2005

SUMMARY

The work program tested the potential for gold mineralizaiton within the Chuck Creek area. Work commenced on October 21 with field work ending October 27, 2005 and consisted of silt sampling and grid soil sampling.

The silt sampling program was successful in extending the 2004 gold-in-silt anomaly 3.4 km downstream within Chuck Creek.

Soil sampling tested a north-south trending lineament extending south from Chuck Creek. Other than a single sample anomaly of 120 ppb Au, located on the eastern bank of Chuck Creek, no significant results were returned.

Results to date support the theory the source of the gold anomalies lie within or coincident with Chuck Creek.

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1.0 INTRODUCTION

This report details the results of the work program conducted on the mineral claims with tenure numbers 505087, 505090, 505095 and 521428 (collectively called the Chuck Mineral Claims) from October 21 to 27, 2005.

1.1 LOCATION AND ACCESS

The Chuck Mineral Claims are located on NTS mapsheets 82M/12 and geographically centred at 51°33'N and 119°38'W.

Road access is gained to claims via the Yellowhead Highway (Highway 5) to the village of Vavenby. The claims are located on the south side of the North Thompson River. Forest service roads offer excellent access to the claims (Figure 1 and 2).

The Canadian National Railway mainline also passes through this area.

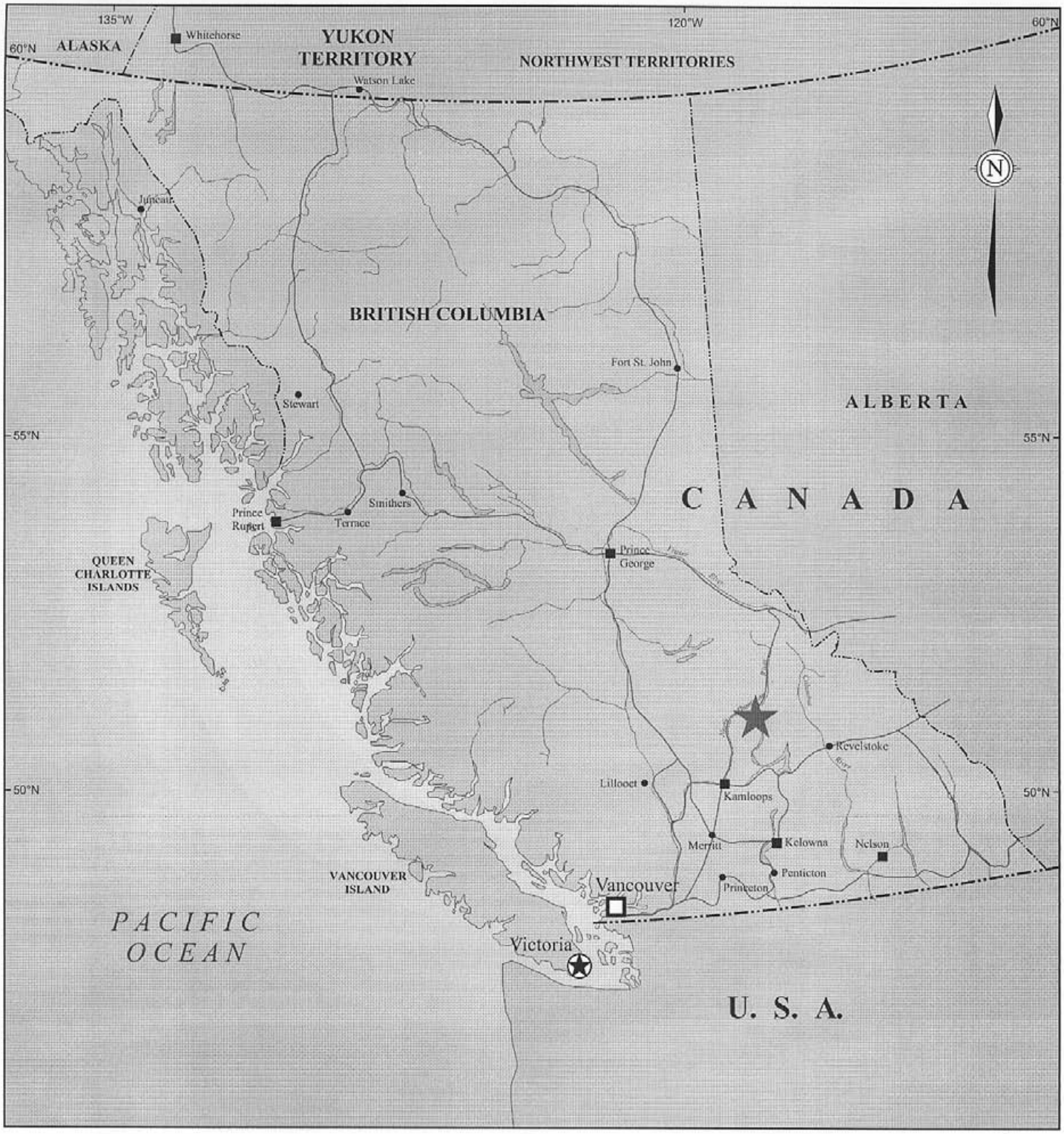
Topography is moderate to steep with elevations ranging from 1,300 metres to 1,800 metres. The area is the site of active logging and consists of a thick coniferous forest cover with heavy underbrush to wide open clear cuts. At higher elevations, small marshy alpine meadows occur (Belik, 1973).

1.2 TITLE

The CHUCK 1 and CHUCK 2 legacy claims were converted to cell claims and are 100% owned by Christopher O. Naas. The VAVEN (505095) and CHUCK 2 (521428) claims were staked as cell claims in 2005 and are 100% owned by Christopher O. Naas.

Claim details are listed below and shown on Figure 2.

Tenure Number	Area	Good To Date
505087	1306.646	November 3, 2006
505090	462.183	November 3, 2006
505095	281.457	November 3, 2006
521428	80.389	November 3, 2006



LEGEND

★ Mineral claims location

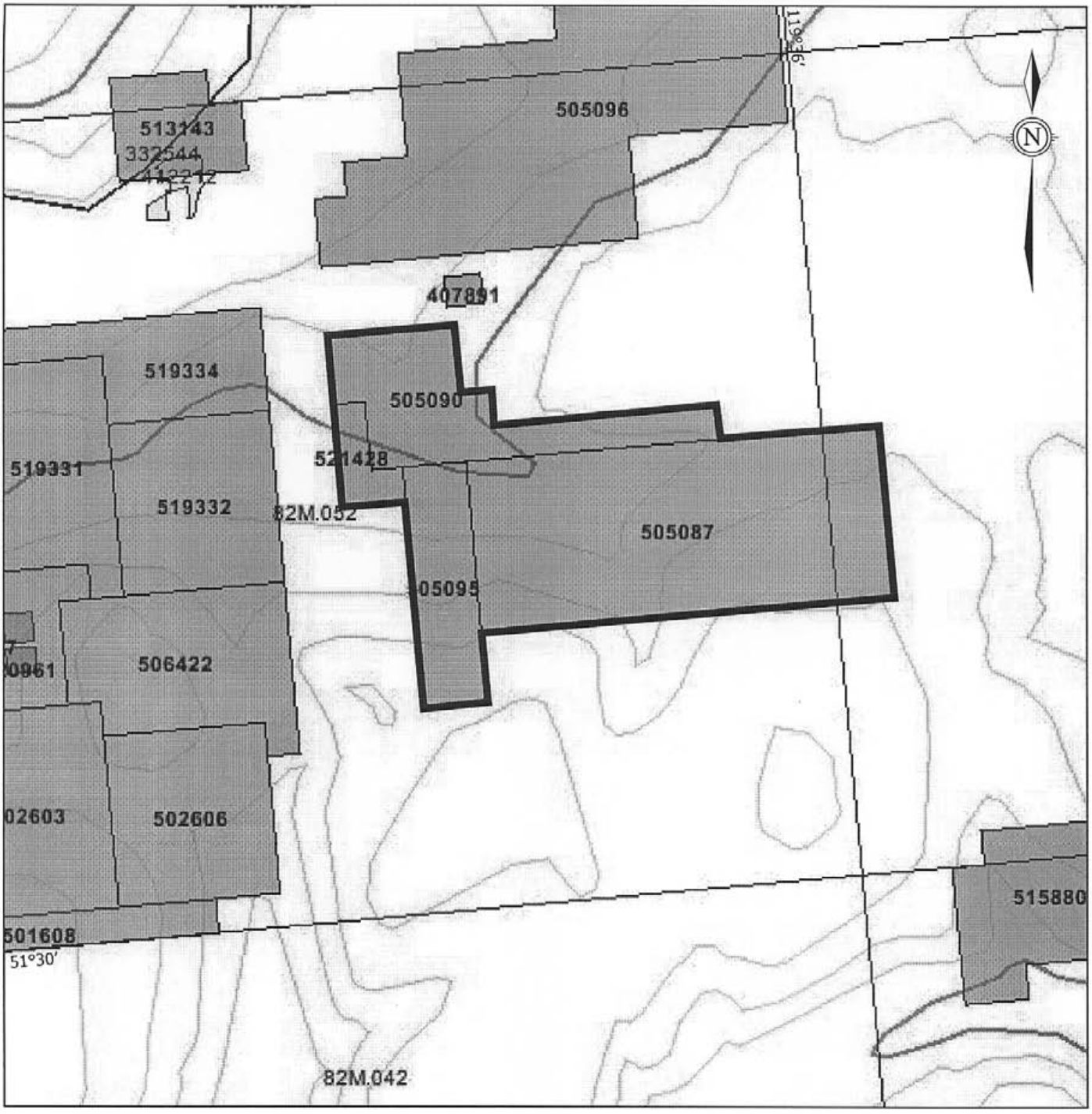
0 200km

LOCATION MAP

Chuck Project
Kamloops M.D., BC, Canada

Project No:	C111	By:	CN, TV
Scale:	1:1,000,000	Drawn:	TV
Figure:	1	Date:	November 2005

CME



LEGEND

Mineral claims location

CLAIM LOCATION MAP

Chuck Claims
Kamloops M.D., BC, Canada

Project No:	C111	By:	MTO
Scale:	1:80,000	Drawn:	TV
Figure:	2	Date:	November 2005

CME

2.0 REGIONAL GEOLOGY

The Vavenby area is underlain by Paleozoic Eagle Bay Assemblage and Fennell Formation rocks, located within the Kootenay Terrane. The Eagle Bay Assemblage has been intruded by Devonian(?) and Cretaceous granitic rocks, and is overlain by Miocene basalts (Naas and Neale, 1991) (Figure 3).

3.0 LOCAL GEOLOGY

3.1 LITHOLOGY

Eagle Bay Assemblage

The Eagle Bay Assemblage comprises four northwest-dipping thrust sheets (Schiarizza and Preto, 1987). Schiarizza (1985) divides the Eagle Bay Assemblage in the Vavenby area into eight units. At the base of the formation is a quartz-dominated succession (Unit 1) of unknown age. This is overlain by a succession of felsic to intermediate metavolcanic rocks (Units 2 and 3), and fine to coarse clastic metasedimentary rocks (Units 4 and 5) of Devonian and Mississippian age. Structurally above these rocks is a mafic metavolcanic-limestone division (Unit 6) of Cambrian age, overlain by intermediate metavolcanics (Unit 7). The carbonate member of Unit 6 is referred to as the Tshinakin limestone. The structurally highest division of the Eagle Bay Formation comprises clastic metasedimentary rocks of Unit 8. These rocks are overturned, however, and Unit 8 may be the oldest unit within the Eagle Bay succession.

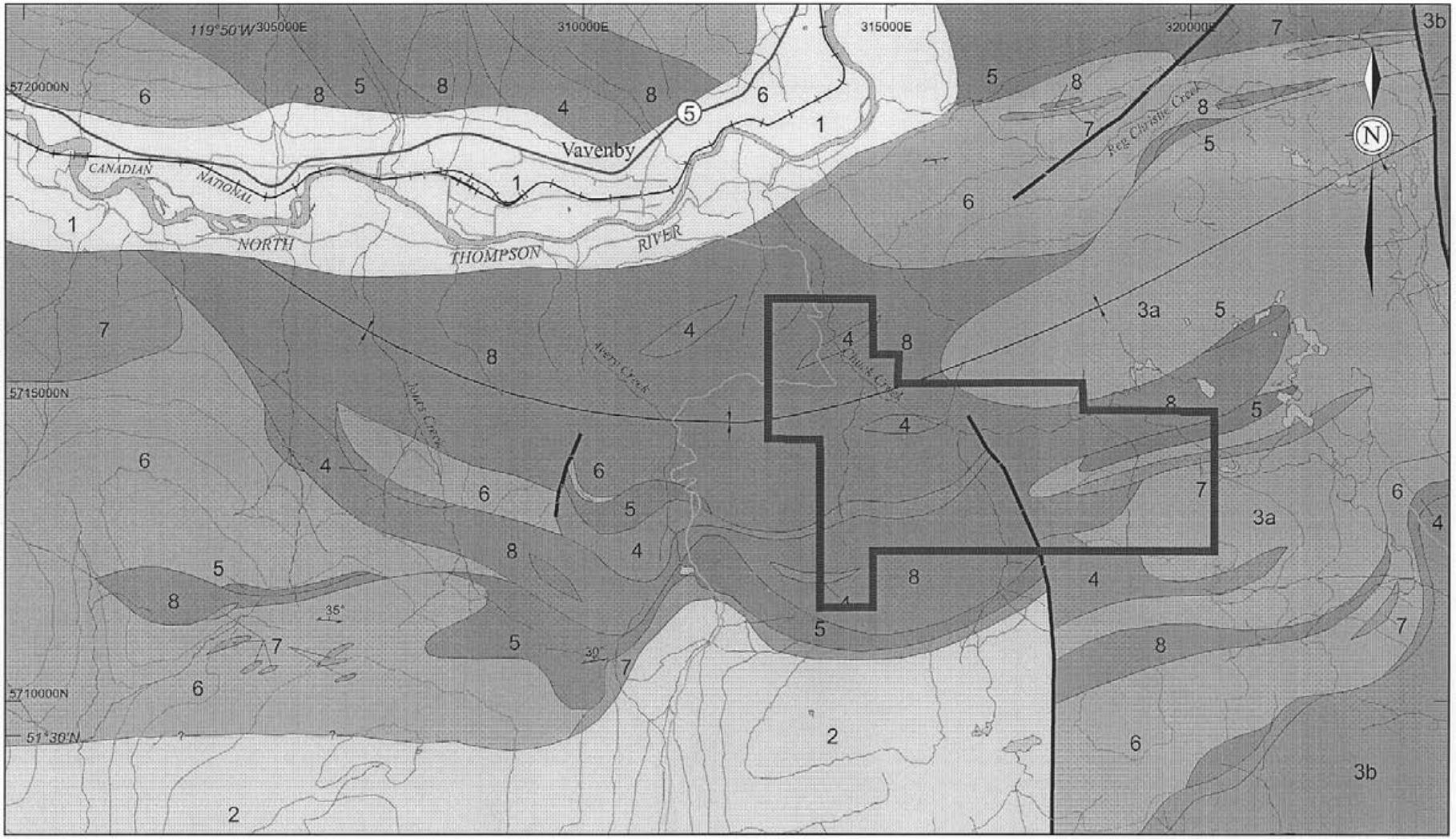
Orthogneiss

The Devonian(?) Orthogneiss consists of quartzo-feldspathic orthogneiss. It is typically a weakly to moderately foliated rock, consisting of lenses and augen of quartzo-feldspathic material enclosed in "seams" of chlorite-sericite schist. Locally it grades to virtually massive granitic rock or conversely to strongly foliated chlorite-sericite schist containing large quartz augen. Biotite is an important component of the gneiss within the thermal aureole of the Baldy batholith.

Fennell Formation

The Upper Permian-Lower Mississippian Fennell Formation in the Adams Plateau-Clearwater area, has been divided into two units by Schiarizza and Preto (1984). The lower unit is a heterogeneous assemblage of bedded chert, gabbro, diabase, and pillow basalt, which also includes units of sandstone and phyllite, Devonian aged quartz-feldspar porphyry rhyolite, and intraformational conglomerate. The upper unit is a succession of pillow and massive basalt with minor amounts of bedded chert, gabbro, basaltic breccia and tuff.

Schiarizza (1985) does not divide the Fennell Formation into two units in the Vavenby area, rather uses one unit containing rocks as previously described by Schiarizza and Preto (1984).



LEGEND

GEOLOGY

1 Alluvium

Baldy Batholith

2 Granodiorite

Eagle Bay Formation

3a/3b Sediments, ± felsic volcanics

4 Limestone

5 Argillite

6 Felsic volcanics

7 Felsic flows

8 Mafic volcanics

SYMBOLS

Syncline axis

Fault

30° Foliation

Mineral claims location

0 2km

UTM Zone 11 North
NTS 82M/5,12

REGIONAL GEOLOGY MAP
Vavenby Area

Chuck Project
Kamloops M.D., BC, Canada

Project No:	CC99G	By:	TV
Scale:	1:100,000	Drawn:	TV
Figure:	3	Date:	November 2005

CME

Granitic Rocks

Cretaceous granite and granodiorite of the Raft and Baldy batholiths intrude Eagle Bay Formation rocks. In contrast to the abrupt northern contact of the Baldy batholith, a broad zone of intermixed metasedimentary and granitic rocks marks the southern margin of the Raft batholith.

Basalt

The flat-lying, undeformed Miocene basalt flows are the easternmost representatives of an extensive mass of Late Miocene to Pliocene plateau lavas which cover much of the area to the west and northwest of Vavenby (Campbell and Tipper, 1971).

3.2 STRUCTURE

Schiarizza (1985) describes the four types of structures that exist in the Vavenby area:

1. an early metamorphic foliation, axial planar to very rare small isoclinal folds, which is locally observed to be discordant to and/or folded about the dominant second generation schistosity.
2. variably oriented, but most commonly north to east-plunging isoclinal folds; the dominant syn-metamorphic schistosity is axial planar. Throughout most of the area this schistosity is parallel to bedding.
3. northwest-trending folds and crenulation with axial planar crenulation cleavage. Axial surfaces generally dip steeply to the northeast or southwest.
4. east-west trending upright folds, kinks, and crenulations of probable Tertiary age. The folds are often most prominently developed adjacent to northerly trending faults.

4.0 WORK HISTORY

Regional stream sediment sampling in 1980 by A.T. Syndicate resulted in the discovery of highly anomalous levels of gold in a silt sample from Chuck Creek (>10,000 ppb Au). This resulted in the staking by A.T. Syndicate.

Kangeld Exploration obtained the rights to the A.T. Syndicate claims in 1981 and carried out a program of surface geological mapping, geochemical and geophysical surveys. A small diamond drilling program was carried out in 1984 to test the conductor identified by the geophysical survey. Results of drilling include 0.028 opt (0.96 g/t) Au over 1.40 metres and 0.18 opt (6.2 g/t) Ag over 1.13 metres from a shear zone (Christopher, 1988). This work was conducted just to the northwest of the current CHUCK claims.

Goldbank restaked this area in 1988. Confirmation silt sampling in Chuck Creek returned up to 12,080 ppb Au (Christopher, 1988).

The CHUCK claims were staked by the author in 2002. The Legal Corner Posts for the claims were differentially GPS surveyed during 2003.

In 2004, a soil and silt sampling program was undertaken. Four moss mat samples were collectet from Chuck Creek and a tributary of Chuck Creek Road side soils samples were also collected to the south of Chuck Creek (Naas, 2005).

No significant results were returned from the soil sampling. Once silt sample, the most westerly sample within Chuck Creek, returned 3,560 ppb Au. Silt samples located upstream from this anomalous sample returned background gold values.

In 2005 the CHUCK legacy claims were converted to the new cell claims under Mineral Titles Online. Following the conversion, in the same year, the VAVEN (505095) and CHUCK 2 (521428) cell claims were staked by the author.

5.0 CURRENT WORK

The work program tested a north-south airphoto lineament located on Chuck Creek and on a tributory of Chuck Creek. An east-west grid was established to cover selected portions of this lineament. In addition to soil sampling, silt sampling was undertaken to futher define the anomalous silt sample from 2004.

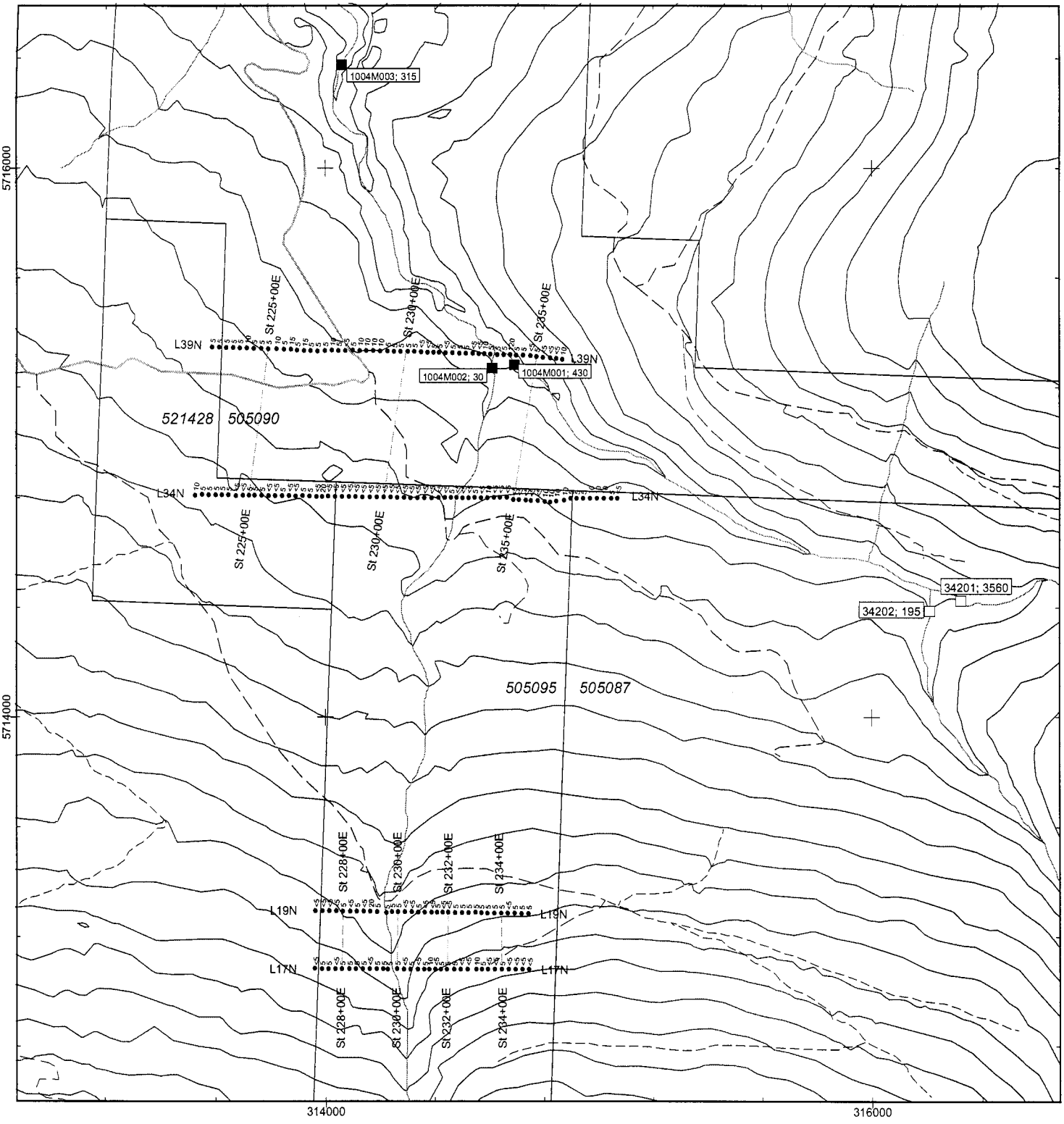
5.1 SILT SAMPLING

A total of 2 silt samples (1004M001 and 1004M003) were collected from Chuck Creek and one sample (1004M002) was collected from a north flowing tributary of Chuck Creek (Figure 4).

The samples on Chuck Creek were taken to test the downstream limit of the anomalous silt sample collected in 2004 which returned 3560 ppb Au.

The north-south trending tributary was sampled to test the area for possible gold and base metal mineralization, as this creek is coincident with a north-south trending lineament observed from the airphoto.

Approximately 3 kg of silt material was collected from moss mats for each sample. Samples were not concentrated. All samples were analyzed by Eco-Tech Laboratories of Kamloops, BC for gold by fire assay and multi-elements by ICP on the minus 80 mesh fraction. Abbreviations and conversion factors are presented in Appendix I. Certificate of analysis are presented in Appendix II.



LEGEND

Geochemistry

- ● 5 — Soil sample location with gold result (ppb)
- ■ 1004M001; 430 — Current moss mat sample location and number with gold result (ppb)
- □ 34201; 3560 — 2004 moss mat sample location and number with gold result (ppb)

Symbols

- ——— Contour (40 m interval)
- – – – Road
- ····· River
- 509305 — Claim boundary with tenure number

N

0 250 500 m

UTM NAD83 Zone 11

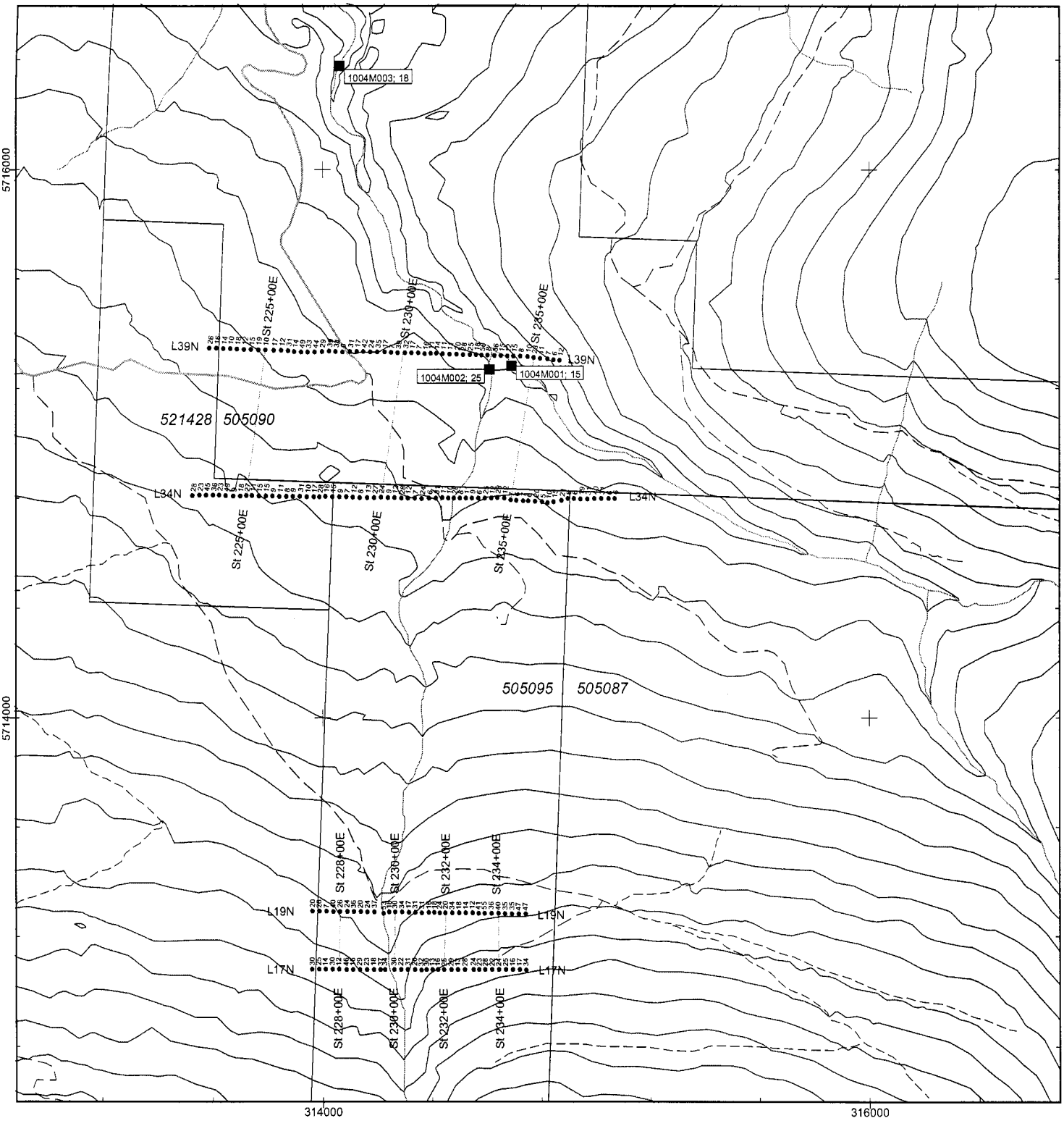
SOIL AND SILT SAMPLE PLAN MAP

Gold (ppb)

Chuck Project
Kamloops M.D., British Columbia, Canada

Project No:	CC99G	By:	CN/EM
Scale:	1:20,000	Map No:	082M12
Figure No:	4	Date:	November 2005

CME



LEGEND

Geochemistry

- ● 5 — Soil sample location with copper result (ppm)
- ■ 1004M001; 15 — Moss mat sample location and number with copper result (ppm)

Symbols

- Contour (40 m interval)
- Road
- River
- 509305 — Claim boundary with tenure number

N

0 250 500 m

UTM NAD83 Zone 11

SOIL AND SILT SAMPLE PLAN MAP

Copper (ppm)

Chuck Project
Kamloops M.D., British Columbia, Canada

Project No:	CC99G	By:	CN/EM
Scale:	1:20,000	Map No:	082M12
Figure No:	5	Date:	November 2005

CME

Results

The two samples located on Chuck Creek (1004M001 and 104M003) returned anomalous gold values (430 ppb Au and 315 ppb Au, respectively). The highest value is approximately 2 km downstream of the highly anomalous 2004 silt sample of 3,650 ppb Au. The second anomalous sample is located a further 1.4 km downstream.

5.2 SOIL SAMPLING

A total of four lines totaling 4.5 km of uncut grid was established from which 184 soil samples were collected. A baseline was not used, and lines were placed in an east-west direction (figure 4).

Samples were collected at 25 metre intervals along all lines. Soil sample stations were surveyed by non-differentially corrected GPS at 100 metre intervals. Differentially corrected GPS surveying was undertaken where grid lines crossed driveable roads. Soil samples were collected from the B horizon, approximately 20-30 centimetres from surface.

All samples were analyzed by Echo-Tech Laboratories of Kamloops, BC for gold by acqua regia and multi-elements by ICP. Abbreviations and conversion factors are presented in Appendix I. Certificate of analysis are presented in Appendix II.

Results

Statistical analysis of the sample population is presented for gold and copper and in Tables 1 and 2 respectively. Pass No. 2 represents a statistical analysis of the sample population of less than mean plus two standard deviations. Anomalous values are considered to be those returning greater than mean plus two standard deviations from the second pass.

Table 1: Statistical Analysis of Soil Samples (gold)

Material	No. Samples	gold (ppb)			
		Minimum	Maximum	Mean	Std. Deviation
Pass No. 1	184	3	120	5	9
Pass No. 2	176	3	20	5	2.98

Table 2: Statistical Analysis of Soil Samples (copper)

Material	No. Samples	Copper (ppm)			
		Minimum	Maximum	Mean	Std. Deviation
Pass No. 1	184	5	56	22	11.73
Pass No. 2	183	5	45	20	10.19

Statistically, 13 samples returned anomalous copper values with a highest value being returned from L39N St233+00N (56 ppm Cu). This sample is located on the west side of Chuck Creek.

Except for L19N St234+75E to 235+00E (47 and 47 ppm Cu), all other anomalous samples are single samples with no trends evident.

For gold, only a single sample (L39N St234+00E) returned an anomalous value (120 ppb Au). This sample is located on the east side of Chuck Creek, approximately 1.4 km upstream from the anomalous gold-in-silt sample 1004M003 (315 ppb Au) and 50 metres downstream from the anomalous gold-in-silt sample 1004M001 (430 ppb Au).

No coincident gold-copper anomalies were found to occur.

6.0 CONCLUSIONS

The silt sampling program extended the gold-in-silt anomalous zone within Chuck Creek an additional 3.4 km downstream from the 2004 anomalous sample of 3560 ppb Au.

Silt sampling along a tributary returned background gold values which further supports the idea that the source of the gold anomalies lie within or coincident with Chuck Creek.

No gold or copper trends were observed from the soil sampling program, however the highest gold and copper values were returned from the banks of Chuck Creek.

7.0 REFERENCES

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1973. Geology of the Harper Creek Copper Deposit, unpublished B.Sc. thesis, University of British Columbia, Vancouver, BC, Canada.

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1988. Report on the JAR and MILA Claims, unpublished report for Goldbank Ventures Ltd.

Naas, C.O.

2005. Assessment Report, Soil and Silt Sampling on the Chuck 1 and 2 Claims

Naas, C.O. and Neale, T.

1991. Report on the 1990/1991 Phase I and II Geological, Geochemical, Geophysical and Diamond Drilling Exploration of the Mila Project, unpublished report for Goldbank Ventures Ltd. (3 volumes).

Schiarizza, P.

1985. Geology of the Eagle Bay Formation between the Raft and Baldy Batholiths (82M5, 11, 12); *in*: Geological Fieldwork 1985; Ministry of Energy Mines and Petroleum Resources Paper 1986-1, p. 89-94.

Schiarizza P., and Preto V.A.

1987. Geology of the Adams Plateau-Clearwater-Vavenby Area, British Columbia Ministry of Energy Mines and Petroleum Resources Paper 1987-2.

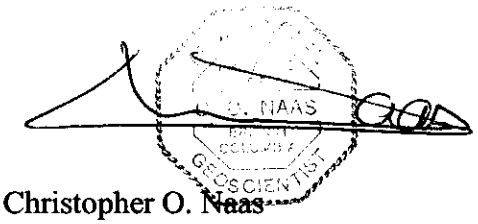
1984. Geology of the Adams Plateau-Clearwater Area, British Columbia Ministry of Energy Mines and Petroleum Resources Prelim. Map 56.

8.0 STATEMENT OF QUALIFICATIONS

I, Christopher O. Naas, *P.Geo.*, do hereby certify that:

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (Registration Number 20082);
2. I am a graduate in geology of Dalhousie University (*B.Sc.*, 1984); and have practiced in my profession continuously since 1987;
3. Since 1987, I have been involved in mineral exploration for precious and/or base metals in Canada, United States of America, Chile, Venezuela, Ghana, Mali, Nigeria, and Democratic Republic of the Congo (Zaire); for diamonds in Venezuela; and for rare metals in Nigeria. I have also been involved in the determination of base metal and gold resources for properties in Canada and Ghana, respectively, and the valuation of properties in Canada and Equatorial Guinea.
4. I am presently a Consulting Geologist and have been so since November 1987;
5. The opinions and conclusions contained herein are based on a review of previous records and the results of the exploration program conducted by myself;

Dated at Richmond, BC, Canada, this 29th day of November 2005.



Christopher O. Naas

9.0 STATEMENT OF COSTS

Personnel

Chris Naas	1.0 day @ $412.50	$ 412.50
Larry Crittenden	4.0 days @ $200.00	$ 800.00
James Sanders	4.0 days @ $150.00	$ 600.00

Equipment Costs

Trucks	6.0 days @ 115.00	$ 690.00
Motorbike	2.0 days @ 37.50	$ 75.00
GPS	2.0 days @ $75.00	$ 150.00

Disbursements

Room & Board	$ 968.98
Analytical Laboratory	$2,833.05
Field Supplies	$ 48.63
Fuel	$ 179.75

TOTAL: $ 6,757.91

APPENDIX I

ABBREVIATIONS AND CONVERSION FACTORS

ABBREVIATIONS

Elements	
Ag	Silver
As	Arsenic
Au	Gold
Ca	Calcium
Cu	Copper
K	Potassium
Pb	Lead
Sb	Antimony
Zn	Zinc

Abbreviations	
Az	azimuth
$US	United States dollars
g/t	grams per metric tonne
oz/T	troy ounces per ton
tpd	metric tonnes per day
UTM	Universal Transverse Mercator
WGS84	World Geodetic System, 1984
°/ ' / "	degree/minute/second of arc
Ma	Million years
Ga	Billion years

CONVERSION FACTORS

Length			
1 millimetre (mm)	0.03937 inches (in)	1 inch (in)	25.40 millimetre (mm)
1 centimetre (cm)	0.394 inches(in)	1 inch (in)	2.540 centimetres (cm)
1 metre (m)	3.281 feet (ft)	1 foot (ft)	0.3048 metres (m)
1 kilometre (km)	0.6214 mile (mi)	1 mile (mi)	1.609 kilometres (km)
Area			
1 sq. centimeter (cm^2)	0.1550 sq. inches (in^2)	1 sq inch (in^2)	6.452 sq. centimetres (cm^2)
1 sq. metre (m^2)	10.76 feet (ft^2)	1 foot (ft)	0.0929 sq. metres (m^2)
1 hectare (ha) (10,000 m^2)	2.471 acres	1 acre	0.4047 hectare (ha)
1 hectare (ha)	0.003861 sq. miles (m^2)	1 sq. mile (m^2)	640 acres
1 hectare (ha)	0.01 sq. kilometre (km^2)	1 sq. mile (m^2)	259.0 hectare (ha)
1 sq. kilometre (km^2)	0.3861 sq. miles (mi^2)	1 sq. mile (m^2)	2.590 sq. kilometres (km^2)
Volume			
1 cu. centimetre (cc)	0.06102 cu. inches (in^3)	1 cu. inch (in^3)	16.39 cu. centimetres (cm^3)
1 cu. metre (m^3)	1.308 cu. yards (yd^3)	1 cu. yard (yd^3)	0.7646 cu. metres (m^3)
1 cu. metre (m^3)	35.310 cu. feet (ft^3)	1 cu. foot (ft^3)	0.02832 cu. metres (m^3)
1 litre (l)	0.2642 gallons (U.S.)	1 gallon (U.S.)	3.785 litres (l)
1 litre (l)	0.2200 gallons (U.K.)	1 gallon (U.K.)	4.546 litres (l)
Weights			
1 gram (g)	0.03215 troy ounce (20dwt)	1 troy ounce (oz)	31.1034 grams (g)
1 gram (g)	0.6430 pennyweight (dwt)	1 pennyweight (dwt)	1.555 grams (g)
1 gram (g)	0.03527 oz avoirdupois	1 oz avoirdupois	28.35 grams (g)
1 kilogram (g)	2.205 lb avoirdupois	1 lb avoirdupois	0.4535 kilograms (kg)
1 tonne (t) (metric)	1.102 tons (T) (short ton)	1 ton (T) (short ton) (2000 lb)	0.9072 tonnes (t)
1 tonne (t)	0.9842 long ton	1 long ton (2240 lb)	1.016 tonnes (t)
Miscellaneous			
1 cm/second	0.01968 ft/min	1 ft/min	50.81 cm/second
1 cu. m/second	22.82 million gal/day	1 million gal/day	0.04382 m^3/second
1 cu. m/minute	264.2 gal/min	1 gal/min	0.003785 m^3/minute
1 g/cu. m	62.43 lb/ cu. ft	1 lb/cu. ft^3	0.01602 g/m^3
1 g/cu. m	0.02458 oz/cu. yd	1 oz/cu. yd	40.6817 g/m^3
1 Pascal (Pa)	0.000145 psi	1 psi	6985 Pascal
1 gram/tonne (g/t)	0.029216 troy ounce/ short ton (oz/T)	1 troy ounce/short ton (oz/T)	34.2857 grams/tonne (g/t)
1 g/t	0.583 dwt/short ton	1 dwt/short ton	1.714 g/t
1 g/t	0.653 dwt/long ton	1 dwt/long ton	1.531 g/t
1 g/t	0.0001 %		
1 g/t	1 part per million (ppm)		
1 %	10,000 part per million (ppm)		
1 part per million (ppm)	1,000 part per billion (ppb)		
1 part per billion (ppb)	0.001 part per million (ppm)		

APPENDIX II

CERTIFICATES OF ANALYSES

10-N~~ 05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2005-1460

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 3
Sample type: Moss
Project Name: Chuck C110-3
Project Number: C110
Submitted By: Chris Naas

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	1004M001	430	<0.2	0.66	5	45	10	0.29	<1	15	42	15	4.46	<10	0.37	321	3	<0.01	32	1030	26	<5	<20	8	0.02	<10	52	<10	<1	48
2	1004M002	30	<0.2	1.04	20	70	10	0.36	<1	19	64	25	5.08	<10	0.71	474	2	<0.01	48	1080	42	<5	<20	12	0.03	<10	73	<10	<1	59
3	1004M003	315	<0.2	0.66	10	55	10	0.33	<1	16	51	18	5.28	<10	0.40	314	3	<0.01	33	1140	30	<5	<20	11	0.02	<10	66	<10	<1	48

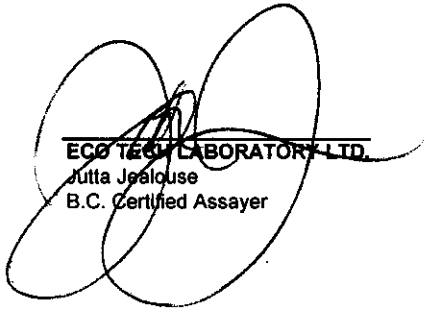
QC DATA:

Repeat:

1	1004M001		<0.2	0.65	10	45	5	0.27	<1	15	42	18	4.37	<10	0.37	314	2	<0.01	30	930	28	<5	<20	8	0.02	<10	52	<10	<1	49

Standard:

GEO '05		1.5	1.24	55	120	<5	1.18	<1	15	52	88	3.39	<10	0.63	495	<1	0.02	29	590	50	<5	<20	54	0.11	<10	72	<10	10	73



JJ/kk
df/1459
XLS/05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2005-1459

CME Managing Consultants Inc.
#2130-21331 Gordon Way
Richmond, BC
V6W 1J9

No. of samples received: 184
Sample type: Soil
Project Name: Chuck
Project Number: C110 & 110-4
Submitted By: Chris Naas

Values in ppm unless otherwise reported

Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
L17N-227+00E	<5	<0.2	1.43	20	85	5	0.33	<1	12	35	30	3.07	<10	0.45	724	<1	<0.01	23	510	60	<5	<20	13	0.05	<10	47	<10	5	48
L17N-227+25E	5	<0.2	1.28	15	80	10	0.32	<1	14	36	25	3.13	<10	0.51	651	<1	<0.01	27	660	56	<5	<20	12	0.04	<10	48	<10	<1	55
L17N-227+50E	5	<0.2	1.01	15	70	<5	0.37	<1	9	23	14	2.28	<10	0.30	485	<1	<0.01	15	470	46	<5	<20	18	0.04	<10	39	<10	<1	40
L17N-227+75E	<5	<0.2	1.93	20	75	10	0.25	<1	16	30	30	3.51	<10	0.78	747	2	<0.01	20	610	80	<5	<20	13	0.03	<10	42	<10	8	47
L17N-228+00E	5	<0.2	1.25	10	45	10	0.28	<1	9	16	12	1.92	<10	0.16	269	<1	0.01	11	460	54	<5	<20	15	0.04	<10	36	<10	<1	23
L17N-228+25E	5	0.3	1.23	30	90	<5	0.65	<1	13	39	46	3.16	<10	0.37	720	<1	0.01	27	450	56	<5	<20	31	0.05	<10	51	<10	3	42
L17N-228+50E	5	<0.2	0.86	10	50	15	0.11	<1	12	31	16	3.31	<10	0.25	508	1	<0.01	17	690	40	<5	<20	8	0.04	<10	49	<10	<1	41
L17N-228+75E	5	<0.2	1.06	20	60	10	0.25	<1	16	44	29	3.13	<10	0.59	591	<1	<0.01	33	830	48	<5	<20	12	0.04	<10	45	<10	3	48
L17N-229+00E	<5	<0.2	0.85	15	60	10	0.19	<1	13	36	23	2.90	<10	0.44	469	<1	<0.01	25	720	42	<5	<20	10	0.05	<10	48	<10	3	45
L17N-229+25E	5	0.2	1.32	15	65	15	0.08	<1	9	30	18	3.24	<10	0.36	200	1	<0.01	21	710	62	<5	<20	3	0.04	<10	46	<10	<1	46
L17N-229+50E	5	<0.2	1.31	15	100	<5	0.29	<1	19	55	37	3.81	<10	0.71	702	2	<0.01	44	830	60	<5	<20	10	0.02	<10	54	<10	2	68
L17N-229+65E	5	<0.2	1.17	15	90	5	0.53	<1	17	50	34	3.48	<10	0.71	567	3	<0.01	37	910	58	<5	<20	22	0.02	<10	51	<10	2	64
L17N-230+00E	5	<0.2	1.30	15	75	10	0.21	<1	19	60	30	3.51	<10	0.81	602	<1	<0.01	42	780	58	<5	<20	6	0.03	<10	56	<10	<1	59
L17N-230+25E	<5	<0.2	1.37	15	50	5	0.24	<1	19	52	22	3.90	<10	0.98	453	<1	<0.01	33	1110	60	<5	<20	7	0.06	<10	75	<10	<1	55
L17N-230+50E	5	<0.2	1.59	15	50	15	0.36	<1	24	72	31	4.48	<10	1.19	599	<1	<0.01	48	1330	74	<5	<20	8	0.07	<10	88	<10	<1	66
L17N-230+75E	<5	<0.2	1.09	15	55	10	0.21	<1	17	43	20	3.23	<10	0.69	372	<1	0.01	28	570	56	<5	<20	10	0.04	<10	48	<10	<1	57
L17N-231+00E	5	<0.2	1.60	10	125	10	0.18	<1	15	52	32	4.41	10	0.83	223	<1	0.01	31	650	48	<5	<20	21	0.06	<10	84	<10	<1	45
L17N-231+25E	10	<0.2	2.03	10	160	<5	0.13	<1	15	53	30	4.32	10	0.91	225	2	<0.01	38	590	54	<5	<20	16	0.05	<10	74	<10	<1	48
L17N-231+50E	<5	0.2	0.45	<5	60	<5	0.06	<1	7	15	13	1.50	<10	0.10	643	<1	0.01	12	260	14	<5	<20	4	0.04	<10	38	<10	3	20
L17N-231+75E	5	<0.2	1.19	15	90	<5	0.06	<1	11	61	16	3.78	<10	0.63	176	2	<0.01	31	500	36	<5	<20	4	0.03	<10	65	<10	<1	47
L17N-232+00E	5	<0.2	1.48	15	95	<5	0.15	<1	14	88	25	3.92	<10	0.80	202	1	<0.01	53	430	44	<5	<20	8	0.03	<10	59	<10	<1	50
L17N-232+25E	5	<0.2	1.69	20	90	5	0.12	<1	21	113	29	4.39	<10	1.17	371	2	<0.01	64	710	48	<5	<20	5	0.03	<10	67	<10	<1	63
L17N-232+50E	<5	<0.2	1.10	10	75	<5	0.15	<1	11	56	13	4.03	<10	0.52	159	<1	<0.01	29	970	34	<5	<20	6	0.05	<10	71	<10	<1	47
L17N-232+75E	<5	<0.2	1.52	10	120	<5	0.17	<1	15	54	28	3.59	<10	0.65	407	<1	<0.01	38	520	48	<5	<20	8	0.05	<10	55	<10	<1	60
L17N-233+00E	10	<0.2	1.61	20	150	10	0.15	<1	17	68	24	5.64	<10	0.70	243	<1	<0.01	43	1250	50	<5	<20	9	0.07	<10	89	<10	<1	79
L17N-233+25E	5	<0.2	1.56	20	75	5	0.11	<1	17	102	23	4.07	<10	0.98	235	3	<0.01	60	550	48	<5	<20	4	0.01	<10	56	<10	<1	59
L17N-233+50E	<5	<0.2	1.35	15	75	5	0.08	<1	15	76	28	4.72	<10	0.63	187	<1	<0.01	41	780	44	<5	<20	4	0.06	<10	73	<10	<1	54
L17N-233+75E	<5	<0.2	1.38	10	90	<5	0.14	<1	14	47	22	3.97	<10	0.70	219	2	<0.01	37	670	46	<5	<20	7	0.02	<10	54	<10	<1	57
L17N-234+00E	5	<0.2	1.49	10	110	5	0.19	<1	17	55	24	3.94	<10	0.68	386	1	<0.01	38	590	48	<5	<20	8	0.03	<10	59	<10	<1	57
L17N-234+25E	<5	0.6	1.47	10	115	<5	0.43	<1	10	37	25	2.54	<10	0.26	454	<1	0.02	26	430	48	<5	<20	16	0.05	<10	47	<10	4	40
L17N-234+50E	<5	<0.2	1.11	10	95	15	0.35	<1	9	37	16	3.86	<10	0.41	179	1	0.01	20	290	40	<5	<20	14	0.06	<10	82	<10	<1	44
L17N-234+75E	<5	<0.2	1.00	5	65	5	0.12	<1	12	31	17	2.74	<10	0.31	257	<1	<0.01	21	300	36	<5	<20	5	0.07	<10	53	<10	<1	40
L17N-235+00E	<5	<0.2	1.81	15	170	10	0.45	<1	20	52	34	4.17	<10	0.71	452	1	<0.01	39	540	62	<5	<20	14	0.05	<10	71	<10	<1	57
L19N-227+00E	<5	<0.2	1.06	10	80	10	0.31	<1	15	32	20	3.61	<10	0.40	610	<1	<0.01	22	530	38	<5	<20	12	0.06	<10	51	<10	<1	53
L19N-227+25E	<5	<0.2	1.07	10	80	10	0.21	<1	18	51	26	4.34	<10	0.56	752	<1	<0.01	34	340	40	<5	<20	11	0.09	<10	74	<10	<1	51

EC[illegible]H LA[illegible]TOR[illegible] ERTI E OF YSIS)05-1 Man[illegible]Con[illegible]nts Ir[illegible]

Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
L19N-227+50E	<5	0.4	0.58	5	45	<5	0.15	<1	6	19	7	1.96	<10	0.13	123	<1	0.01	9	370	24	<5	<20	6	0.05	<10	34	<10	<1	24
L19N-227+75E	<5	0.2	1.62	15	115	<5	0.26	<1	19	49	40	4.04	<10	0.62	757	1	<0.01	38	620	58	<5	<20	11	0.06	<10	60	<10	6	60
L19N-228+00E	5	<0.2	1.13	10	110	10	0.16	<1	12	39	26	3.74	<10	0.53	312	2	<0.01	28	480	40	<5	<20	5	0.02	<10	45	<10	<1	60
L19N-228+25E	<5	<0.2	1.63	15	140	5	0.17	<1	18	43	24	4.48	<10	0.61	464	1	<0.01	36	470	60	<5	<20	6	0.05	<10	62	<10	<1	76
L19N-228+50E	5	<0.2	1.30	15	135	5	0.68	<1	16	40	36	3.59	<10	0.53	917	1	<0.01	31	700	44	<5	<20	29	0.03	<10	48	<10	5	61
L19N-228+75E	<5	<0.2	1.01	10	45	10	0.18	<1	12	39	20	3.59	<10	0.41	221	<1	<0.01	25	480	38	<5	<20	7	0.06	<10	54	<10	<1	45
L19N-229+00E	20	<0.2	1.02	10	70	<5	0.11	<1	16	48	24	4.19	<10	0.53	395	1	<0.01	32	740	40	<5	<20	4	0.04	<10	62	<10	<1	58
L19N-229+25E	5	<0.2	1.12	15	90	<5	0.36	<1	19	41	37	4.04	<10	0.62	571	1	<0.01	35	730	42	<5	<20	16	0.04	<10	54	<10	5	59
L19N-229+50E	5	<0.2	1.84	15	115	<5	0.17	<1	22	66	53	4.41	<10	0.86	790	<1	<0.01	51	680	66	<5	<20	7	0.05	<10	68	<10	<1	67
L19N-229+75E	5	0.2	1.12	15	80	<5	0.18	<1	12	31	18	3.34	<10	0.60	296	2	<0.01	21	430	40	<5	<20	8	0.03	<10	51	<10	<1	58
L19N-230+00E	5	<0.2	1.38	15	120	<5	0.37	<1	14	44	30	4.03	<10	0.55	280	1	<0.01	32	530	50	<5	<20	14	0.04	<10	57	<10	<1	68
L19N-230+25E	<5	0.2	1.42	10	125	<5	0.37	<1	14	37	34	3.41	<10	0.53	405	2	<0.01	30	410	52	<5	<20	18	0.03	<10	49	<10	<1	64
L19N-230+50E	<5	<0.2	0.79	5	45	<5	0.33	<1	9	26	17	2.60	<10	0.40	174	<1	<0.01	18	320	30	<5	<20	11	0.04	<10	45	<10	<1	39
L19N-230+75E	5	<0.2	1.40	15	105	<5	0.32	<1	18	42	31	3.66	<10	0.70	685	<1	<0.01	33	590	52	<5	<20	13	0.04	<10	52	<10	4	68
L19N-231+00E	<5	<0.2	1.31	10	85	<5	0.28	<1	18	39	31	3.67	<10	0.76	562	<1	<0.01	30	690	50	<5	<20	11	0.05	<10	52	<10	2	65
L19N-231+25E	<5	<0.2	1.33	10	105	5	0.07	<1	9	22	16	3.01	<10	0.21	265	<1	0.01	17	420	52	<5	<20	7	0.05	<10	45	<10	<1	54
L19N-231+50E	5	<0.2	1.43	15	105	5	0.18	<1	12	36	18	4.06	<10	0.49	235	1	<0.01	27	600	52	<5	<20	8	0.03	<10	52	<10	<1	62
L19N-231+75E	<5	<0.2	1.38	15	105	<5	0.14	<1	14	37	24	3.44	<10	0.49	499	2	<0.01	32	480	50	<5	<20	5	0.03	<10	46	<10	<1	63
L19N-232+00E	<5	<0.2	1.05	10	60	5	0.17	<1	16	38	20	3.29	<10	0.55	424	<1	<0.01	29	590	38	<5	<20	5	0.04	<10	48	<10	<1	50
L19N-232+25E	5	<0.2	1.70	10	140	<5	0.15	<1	14	40	34	3.67	<10	0.46	788	2	0.01	35	630	64	<5	<20	9	0.02	<10	51	<10	11	65
L19N-232+50E	5	<0.2	1.24	10	80	<5	0.12	<1	14	54	18	3.85	<10	0.63	275	2	<0.01	35	490	42	<5	<20	4	0.02	<10	51	<10	<1	62
L19N-232+75E	5	<0.2	0.87	10	55	5	0.06	<1	10	30	14	3.08	<10	0.38	182	<1	<0.01	22	340	32	<5	<20	1	0.04	<10	52	<10	<1	44
L19N-233+00E	5	<0.2	1.03	10	70	5	0.09	<1	10	28	12	2.87	<10	0.33	213	1	<0.01	23	440	38	<5	<20	4	0.03	<10	37	<10	<1	44
L19N-233+25E	5	0.2	2.08	20	205	5	0.41	<1	16	46	41	4.49	<10	0.46	703	3	0.01	46	600	76	<5	<20	16	0.03	<10	55	<10	2	95
L19N-233+50E	5	0.4	1.78	15	170	<5	0.53	<1	16	39	55	3.96	<10	0.35	906	2	0.01	45	760	66	<5	<20	22	0.03	<10	44	<10	10	68
L19N-233+75E	5	0.2	1.30	10	120	<5	0.71	<1	12	30	36	2.81	<10	0.28	1041	2	<0.01	27	1110	48	<5	<20	24	0.02	<10	34	<10	6	73
L19N-234+00E	5	0.2	1.52	10	120	<5	0.45	<1	13	32	40	3.04	<10	0.28	1317	2	<0.01	32	1300	54	<5	<20	18	0.02	<10	35	<10	7	87
L19N-234+25E	<5	0.4	1.32	10	70	<5	0.64	<1	11	29	35	3.24	<10	0.27	334	1	0.01	25	690	52	<5	<20	22	0.03	<10	39	<10	5	45
L19N-234+50E	5	0.3	1.60	15	100	5	0.60	<1	16	29	35	3.42	<10	0.23	596	2	<0.01	26	520	60	<5	<20	25	0.04	<10	40	<10	3	44
L19N-234+75E	5	0.2	1.72	15	175	<5	0.48	<1	18	54	47	4.23	<10	0.57	933	2	<0.01	43	980	60	<5	<20	19	0.02	<10	51	<10	6	88
L19N-235+00E	5	0.2	1.45	10	155	<5	1.06	<1	14	42	47	3.04	<10	0.45	668	1	0.01	34	920	48	<5	<20	32	0.02	<10	38	<10	3	54
L33N 223+00E	10	<0.2	1.49	10	170	<5	0.90	<1	15	32	28	3.47	<10	0.40	486	<1	0.01	30	760	60	<5	<20	45	0.04	<10	37	<10	5	87
L33N 223+25E	5	<0.2	1.13	5	85	5	0.28	<1	20	37	23	4.25	<10	0.60	1046	2	<0.01	31	800	44	<5	<20	12	0.04	<10	54	<10	6	62
L33N 223+50E	5	0.4	1.70	10	150	<5	0.76	<1	13	31	45	3.04	<10	0.37	827	<1	0.02	31	790	64	<5	<20	32	0.05	<10	37	<10	14	75
L33N 223+75E	5	0.4	1.34	10	130	<5	1.09	<1	10	24	36	2.19	<10	0.27	1001	<1	0.02	24	600	48	<5	<20	35	0.05	<10	30	<10	11	96
L33N 224+00E	5	<0.2	0.94	5	95	<5	0.56	<1	9	21	23	2.08	<10	0.22	724	<1	0.02	17	430	34	<5	<20	21	0.04	<10	36	<10	6	80
L33N 224+25E	5	0.3	1.56	5	90	<5	0.71	<1	10	21	49	1.93	<10	0.16	1077	<1	0.03	21	450	56	<5	<20	24	0.06	<10	28	<10	15	38
L33N 224+50E	<5	<0.2	1.05	5	60	<5	0.23	<1	11	20	9	2.29	<10	0.20	384	<1	0.01	13	970	40	<5	<20	7	0.05	<10	40	<10	<1	84
L33N 224+75E	<5	0.2	2.01	10	130	5	0.41	<1	15	34	18	3.32	<10	0.44	343	<1	0.02	31	430	68	<5	<20	15	0.09	<10	46	<10	2	68
L33N 225+00E	5	<0.2	1.54	10	125	<5	0.31	<1	17	41	27	3.89	<10	0.54	387	<1	0.01	35	630	58	<5	<20	14	0.06	<10	52	<10	4	68
L33N 225+25E	5	<0.2	1.05	5	70	5	0.42	<1	11	28	11	2.85	<10	0.28	119	<1	<0.01	21	390	42	<5	<20	13	0.06	<10	50	<10	<1	47
L33N 225+50E	5	0.2	2.30	10	70	<5	0.17	<1	12	25	15	3.14	<10	0.22	128	<1	0.01	22	990	82	<5	<20	5	0.06	<10	39	<10	<1	58
L33N 225+75E	<5	<0.2	1.23	5	90	<5	0.19	<1	13	35	15	3.02	<10	0.49	215	<1	<0.01	26	280	46	<5	<20	10	0.05	<10	45	<10	<1	68
L33N 226+00E	<5	0.2	1.25	10	85	<5	0.11	<1	10	28	9	2.48	<10	0.30	175	<1	<0.01	21	1010	46	<5	<20	2	0.04	<10	36	<10	<1	83
L33N 226+25E	5	0.3	1.45	10	100	5	0.09	<1	14	32	11	3.45	<10	0.36	340	1	<0.01	29	2380	58	<5	<20	5	0.03	<10	37	<10	<1	106
L33N 226+50E	<5	0.4	2.88	20	115	<5	0.14	<1	14	14	8	2.60	<10	0.06	415	<1	0.01	11	3920	104	<5	<20	7	0.08	<10	37	<10	<1	99

EC[illegible]H LA TOR\ ERTII E OF /SIS 05-1[illegible] Man[illegible] Con[illegible]nts In[illegible]

Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
L33N 226+75E	<5	<0.2	2.04	15	80	<5	0.16	<1	11	18	9	2.51	<10	0.14	183	<1	0.02	15	970	72	<5	<20	9	0.06	<10	36	<10	<1	56
L33N 227+00E	5	<0.2	0.90	25	75	<5	0.17	<1	15	25	31	3.88	<10	0.25	203	3	<0.01	42	500	58	<5	<20	9	<0.01	<10	20	<10	<1	330
L33N 227+25E	5	<0.2	1.53	30	90	10	0.10	<1	9	20	10	3.36	<10	0.17	357	<1	0.01	20	2060	58	<5	<20	5	0.05	<10	40	<10	<1	85
L33N 227+50E	<5	<0.2	1.49	25	130	5	0.14	<1	12	23	17	3.22	<10	0.26	176	1	<0.01	31	620	56	<5	<20	5	0.03	<10	30	<10	<1	82
L33N 227+75E	20	<0.2	1.04	75	100	<5	0.13	<1	15	27	28	3.68	<10	0.37	274	2	<0.01	37	530	52	<5	<20	5	0.03	<10	32	<10	<1	155
L33N 228+00E	<5	<0.2	0.97	10	80	<5	0.09	<1	11	24	16	2.73	<10	0.26	307	<1	<0.01	26	190	40	<5	<20	4	0.05	<10	35	<10	<1	60
L33N 228+25E	<5	<0.2	1.13	10	80	<5	0.12	<1	13	36	15	3.42	<10	0.48	254	<1	<0.01	32	950	40	<5	<20	5	0.04	<10	43	<10	<1	75
L33N 228+50E	<5	<0.2	0.93	5	65	5	0.14	<1	10	18	9	2.33	<10	0.17	527	<1	<0.01	17	830	38	<5	<20	2	0.05	<10	28	<10	<1	59
L33N 228+75E	<5	<0.2	1.56	15	95	<5	0.15	<1	10	22	7	2.48	<10	0.15	717	<1	0.01	16	1000	60	<5	<20	6	0.05	<10	33	<10	<1	119
L33N 229+00E	<5	0.2	3.04	20	105	10	0.18	<1	16	21	12	3.45	<10	0.14	505	<1	0.01	21	2870	108	<5	<20	9	0.07	<10	40	<10	<1	131
L33N 229+25E	<5	<0.2	0.61	5	35	<5	0.10	<1	9	31	8	2.34	<10	0.35	204	<1	<0.01	23	550	24	<5	<20	3	0.04	<10	39	<10	<1	35
L33N 229+50E	<5	0.2	1.42	10	70	10	0.18	<1	13	37	13	3.50	<10	0.39	194	<1	<0.01	30	2070	50	<5	<20	5	0.06	<10	47	<10	<1	73
L33N 229+75E	<5	0.2	1.47	10	110	<5	0.56	<1	14	38	27	3.22	<10	0.47	661	<1	0.01	33	760	56	<5	<20	25	0.03	<10	35	<10	5	68
L33N 230+00E	<5	<0.2	1.40	10	115	<5	0.35	<1	16	42	24	3.51	<10	0.55	719	1	<0.01	36	600	52	<5	<20	16	0.04	<10	39	<10	5	66
L33N 230+25E	<5	<0.2	1.20	10	70	5	0.13	<1	13	37	9	3.17	<10	0.39	317	<1	<0.01	25	1500	44	<5	<20	8	0.07	<10	49	<10	<1	76
L33N 230+50E	<5	<0.2	1.13	10	65	<5	0.16	<1	14	39	12	3.16	<10	0.45	210	<1	<0.01	31	450	38	<5	<20	8	0.06	<10	49	<10	<1	62
L33N 230+75E	<5	<0.2	1.14	10	75	10	0.18	<1	18	51	28	3.85	<10	0.63	797	<1	<0.01	41	460	40	<5	<20	8	0.05	<10	51	<10	<1	82
L33N 231+00E	<5	<0.2	1.45	10	60	5	0.16	<1	16	37	12	3.45	<10	0.40	282	<1	<0.01	28	600	50	<5	<20	5	0.08	<10	49	<10	<1	71
L33N 231+25E	<5	0.2	1.90	10	55	<5	0.12	<1	12	29	7	2.85	<10	0.24	479	<1	<0.01	19	1380	64	<5	<20	4	0.08	<10	41	<10	<1	61
L33N 231+50E	<5	<0.2	0.94	10	50	5	0.15	<1	14	41	24	3.17	<10	0.52	498	<1	<0.01	34	760	34	<5	<20	4	0.04	<10	45	<10	<1	49
L33N 231+75E	<5	<0.2	0.97	5	40	<5	0.11	<1	8	21	6	1.92	<10	0.19	188	<1	<0.01	14	480	36	<5	<20	4	0.06	<10	35	<10	<1	40
L33N 232+00E	<5	<0.2	0.98	10	50	<5	1.41	<1	16	51	31	3.43	<10	0.74	434	<1	<0.01	39	730	32	<5	<20	34	0.04	<10	47	<10	<1	48
L33N 232+25E	<5	<0.2	1.13	10	85	10	0.17	<1	12	34	11	2.96	<10	0.38	493	<1	<0.01	29	890	40	<5	<20	7	0.04	<10	41	<10	<1	58
L33N 232+50E	5	<0.2	0.85	5	60	<5	0.07	<1	11	28	10	2.76	<10	0.30	151	<1	<0.01	23	690	30	<5	<20	3	0.03	<10	38	<10	<1	63
L33N 232+75E	<5	<0.2	0.86	10	85	5	0.29	<1	19	16	28	3.73	<10	0.25	868	3	<0.01	29	690	36	<5	<20	13	0.01	<10	29	<10	<1	74
L33N 233+00E	<5	0.2	0.62	5	55	5	0.11	<1	12	21	8	2.43	<10	0.15	695	<1	<0.01	14	690	24	<5	<20	4	0.06	<10	48	<10	<1	52
L33N 233+25E	<5	<0.2	0.85	10	55	<5	0.06	<1	8	22	11	2.17	<10	0.23	98	<1	<0.01	20	560	32	<5	<20	<1	0.02	<10	26	<10	<1	46
L33N 233+50E	5	0.2	1.57	10	80	5	0.08	<1	10	27	9	2.76	<10	0.25	174	<1	<0.01	26	960	54	<5	<20	<1	0.06	<10	37	<10	<1	69
L33N 233+75E	<5	<0.2	1.54	10	60	<5	0.11	<1	7	16	6	2.09	<10	0.14	165	<1	<0.01	13	1170	56	<5	<20	4	0.06	<10	28	<10	<1	58
L33N 234+00E	10	0.2	1.78	10	185	<5	0.21	<1	12	31	25	3.08	10	0.30	290	<1	0.01	35	410	66	<5	<20	19	0.04	<10	34	<10	7	60
L33N 234+25E	<5	<0.2	0.88	5	80	<5	0.16	<1	8	21	12	2.02	<10	0.22	296	<1	<0.01	21	460	34	<5	<20	10	0.03	<10	25	<10	3	53
L33N 234+50E	<5	0.4	1.90	5	145	<5	0.42	<1	11	30	28	2.54	<10	0.25	1158	<1	0.02	26	340	72	<5	<20	26	0.08	<10	25	<10	13	52
L33N 234+75E	<5	<0.2	0.97	5	75	<5	0.14	<1	11	28	12	2.44	<10	0.35	216	<1	<0.01	23	330	38	<5	<20	7	0.04	<10	31	<10	1	46
L33N 235+00E	<5	<0.2	2.00	10	75	10	0.10	<1	8	19	7	2.37	<10	0.15	181	<1	0.01	15	1080	68	<5	<20	5	0.08	<10	39	<10	<1	55
L33N 235+25E	<5	<0.2	0.50	<5	40	5	0.05	<1	5	17	6	1.68	<10	0.18	146	<1	<0.01	14	220	20	<5	<20	3	0.03	<10	28	<10	<1	34
L33N 235+50E	<5	<0.2	1.34	10	110	5	0.14	<1	10	25	7	2.72	<10	0.27	233	<1	<0.01	19	1350	48	<5	<20	6	0.06	<10	39	<10	<1	78
L33N 235+75E	<5	0.2	1.12	5	75	<5	0.08	<1	7	17	6	2.05	<10	0.15	196	<1	0.01	12	1220	44	<5	<20	4	0.06	<10	32	<10	<1	59
L33N 236+00E	<5	<0.2	1.62	10	155	<5	0.12	<1	11	27	20	2.72	<10	0.28	138	<1	0.01	29	560	58	<5	<20	12	0.05	<10	30	<10	5	53
L33N 236+25E	10	0.2	1.56	10	95	<5	0.11	<1	8	16	5	1.98	<10	0.10	394	<1	0.02	11	1200	54	<5	<20	4	0.06	<10	31	<10	<1	59
L33N 236+50E	10	<0.2	1.21	10	90	<5	0.09	<1	13	34	10	2.85	<10	0.41	407	<1	<0.01	28	800	42	<5	<20	4	0.04	<10	39	<10	<1	67
L33N 236+75E	10	0.2	2.26	10	100	<5	0.15	<1	10	21	15	2.42	<10	0.16	251	<1	0.02	19	690	80	<5	<20	9	0.08	<10	28	<10	13	46
L33N 237+00E	10	<0.2	2.50	15	195	10	0.10	<1	17	40	21	3.74	<10	0.41	240	<1	0.01	44	1100	82	<5	<20	8	0.07	<10	51	<10	<1	83
L33N 237+25E	5	<0.2	1.07	5	85	<5	0.16	<1	9	17	6	2.01	<10	0.14	554	<1	0.01	13	1470	36	<5	<20	7	0.06	<10	38	<10	1	59
L33N 237+50E	5	<0.2	0.84	5	60	<5	0.12	<1	8	23	6	2.20	<10	0.26	146	<1	<0.01	19	140	30	<5	<20	6	0.05	<10	37	<10	<1	47
L33N 237+75E	5	<0.2	1.42	15	65	10	0.11	<1	15	41	19	4.14	<10	0.40	197	<1	<0.01	36	250	48	<5	<20	4	0.05	<10	47	<10	<1	56
L33N 238+00E	10	0.2	1.17	10	95	<5	0.71	<1	14	47	31	3.23	<10	0.52	653	2	0.02	39	700	44	<5	<20	31	0.03	<10	37	<10	5	59
L33N 238+25E	10	0.2	0.56	5	70	<5	1.55	<1	6	22	40	1.31	<10	0.24	741	<1	0.03	23	640	22	<5	<20	57	<0.01	<10	13	<10	6	36
L33N 238+50E	10	0.2	1.21	10	120	<5	0.86	<1	10	38	31	2.49	<10	0.33	641	<1	0.02	29	580	46	<5	<20	39	0.03	<10	31	<10	4	62
L33N 238+75E	5	<0.2	0.40	<5	30	<5	0.09	<1	5	12	6	1.49	<10	0.12	125	<1	<0.01	11	410	18	<5	<20	2	0.03	<10	26	<10	<1	29
L33N 239+00E	<5	0.3	1.51	10	90	5	0.11	<1	9	23	6	2.42	<10	0.22	171	<1	<0.01	21	1590	54	<5	<20	7	0.05	<10	36	<10	<1	56

ECO TECH LABORATORY LTD. — CERTIFICATE OF ANALYSIS 05-1· — Man[illegible] Con[illegible]nts Ir[illegible]

Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
L39N 223+00E	5	<0.2	1.89	10	130	<5	0.18	<1	15	35	26	3.39	<10	0.36	466	<1	0.01	34	470	70	<5	<20	9	0.06	<10	41	<10	6	80
L39N 223+25E	5	<0.2	1.37	5	120	<5	0.43	<1	13	29	16	3.21	<10	0.31	594	<1	0.02	30	580	52	<5	<20	15	0.05	<10	37	<10	<1	87
L39N 223+50E	5	0.2	1.19	5	115	10	0.32	<1	13	25	14	2.74	<10	0.25	286	<1	0.01	27	280	50	<5	<20	16	0.04	<10	33	<10	<1	62
L39N 223+75E	5	<0.2	1.57	10	100	5	0.11	<1	13	27	10	2.77	<10	0.32	206	<1	<0.01	28	840	58	<5	<20	6	0.04	<10	34	<10	<1	74
L39N 224+00E	5	<0.2	0.70	<5	55	<5	0.33	<1	14	32	18	3.20	<10	0.37	440	<1	<0.01	29	1070	26	<5	<20	10	0.03	<10	38	<10	2	42
L39N 224+25E	10	<0.2	2.31	10	190	<5	0.12	<1	13	28	12	3.12	<10	0.34	431	<1	0.02	22	1820	62	<5	<20	26	0.08	<10	44	<10	3	76
L39N 224+50E	5	<0.2	2.23	5	180	<5	0.22	<1	12	27	15	2.96	<10	0.28	1598	<1	0.02	21	1640	64	<5	<20	31	0.09	<10	48	<10	2	53
L39N 224+75E	5	<0.2	2.20	5	160	<5	0.25	<1	15	40	19	3.82	<10	0.40	257	1	0.01	34	740	62	<5	<20	25	0.06	<10	50	<10	2	52
L39N 225+00E	5	<0.2	1.46	<5	125	<5	0.17	<1	10	18	10	2.33	<10	0.19	693	<1	0.02	18	690	46	<5	<20	26	0.06	<10	36	<10	4	62
L39N 225+25E	10	<0.2	2.06	5	155	<5	0.32	<1	12	28	17	3.01	<10	0.32	420	<1	0.02	32	420	60	<5	<20	32	0.07	<10	39	<10	4	65
L39N 225+50E	5	<0.2	1.17	<5	120	<5	0.10	<1	11	30	12	2.69	<10	0.23	254	<1	0.02	19	620	36	<5	<20	23	0.05	<10	52	<10	<1	72
L39N 225+75E	15	<0.2	2.42	5	265	<5	0.53	<1	16	40	31	3.78	10	0.64	1155	<1	0.02	46	430	68	<5	<20	44	0.07	<10	43	<10	6	315
L39N 226+00E	5	<0.2	2.61	10	125	<5	0.15	<1	13	43	14	3.55	<10	0.39	136	<1	0.02	26	1390	72	<5	<20	24	0.07	<10	51	<10	<1	92
L39N 226+25E	15	0.5	1.71	<5	155	<5	0.78	<1	13	29	49	2.72	<10	0.38	1203	<1	0.03	30	590	56	<5	<20	51	0.05	<10	35	<10	13	58
L39N 226+50E	5	0.2	1.55	<5	140	<5	0.42	<1	14	41	33	3.49	<10	0.44	789	<1	0.02	34	320	50	<5	<20	36	0.07	<10	51	<10	12	45
L39N 226+75E	5	<0.2	1.52	10	165	5	0.28	<1	17	38	44	4.10	20	0.63	468	2	0.02	40	510	54	<5	<20	31	0.05	<10	47	<10	14	59
L39N 227+00E	5	<0.2	1.63	10	155	<5	0.25	<1	19	33	29	4.25	<10	0.49	320	2	0.02	37	480	52	<5	<20	25	0.05	<10	41	<10	5	112
L39N 227+25E	10	0.2	1.30	15	175	<5	1.14	<1	16	33	39	3.44	<10	0.55	708	2	0.04	34	610	44	<5	<20	56	0.03	<10	36	<10	7	64
L39N 227+50E	5	<0.2	1.26	15	170	<5	0.65	<1	17	33	34	3.69	<10	0.51	716	3	0.02	33	640	48	<5	<20	43	0.03	<10	38	<10	8	55
L39N 227+75E	<5	0.2	2.03	<5	170	<5	0.27	<1	10	21	9	2.20	<10	0.25	652	<1	0.02	20	1410	62	<5	<20	28	0.08	<10	35	<10	6	111
L39N 228+00E	5	<0.2	1.08	5	100	<5	0.53	<1	15	39	31	3.38	<10	0.56	524	1	0.02	37	650	38	<5	<20	32	0.03	<10	36	<10	6	75
L39N 228+25E	10	<0.2	1.68	5	165	<5	0.17	<1	13	38	17	3.27	10	0.50	279	<1	0.01	36	740	50	<5	<20	21	0.05	<10	45	<10	<1	123
L39N 228+50E	10	<0.2	1.77	10	170	<5	0.33	<1	20	48	42	4.05	20	0.61	494	1	0.02	60	490	68	<5	<20	32	0.06	<10	46	<10	11	199
L39N 228+75E	10	<0.2	1.57	5	155	<5	0.77	<1	16	41	24	3.57	10	0.64	723	<1	0.02	30	770	48	<5	<20	56	0.06	<10	48	<10	10	68
L39N 229+00E	10	<0.2	1.90	10	185	<5	0.36	<1	18	58	35	4.20	20	0.83	605	<1	0.02	43	480	60	<5	<20	35	0.07	<10	61	<10	14	79
L39N 229+25E	5	<0.2	1.00	<5	115	<5	0.12	<1	10	39	17	2.91	10	0.49	189	1	0.01	24	270	30	<5	<20	21	0.03	10	47	<10	3	51
L39N 229+50E	5	<0.2	1.02	<5	90	<5	0.07	<1	6	19	7	1.85	<10	0.21	149	<1	0.01	14	560	32	<5	<20	19	0.03	40	34	<10	2	49
L39N 229+75E	5	0.2	1.79	10	180	<5	0.32	<1	17	45	39	3.73	20	0.65	785	1	0.02	38	560	62	<5	<20	38	0.05	<10	49	<10	13	61
L39N 230+00E	5	<0.2	1.56	5	135	<5	0.29	<1	16	49	32	3.73	20	0.76	344	1	0.01	40	540	46	<5	<20	26	0.05	<10	50	<10	6	58
L39N 230+25E	5	0.2	1.62	5	140	<5	0.14	<1	14	55	17	3.67	20	0.81	241	2	0.01	35	930	46	<5	<20	20	0.04	<10	62	<10	1	79
L39N 230+50E	<5	<0.2	1.96	5	125	<5	0.09	<1	7	22	7	2.29	<10	0.24	103	<1	0.02	17	1060	54	<5	<20	17	0.05	<10	36	<10	2	25
L39N 230+75E	<5	<0.2	1.19	<5	100	<5	0.15	<1	11	34	16	2.90	10	0.52	148	1	<0.01	25	750	36	<5	<20	25	0.03	20	39	<10	2	36
L39N 231+00E	5	0.2	3.17	10	150	<5	0.11	<1	11	18	11	2.79	<10	0.16	366	<1	0.02	18	1000	86	<5	<20	25	0.09	<10	41	<10	4	36
L39N 231+25E	5	<0.2	1.17	5	120	<5	0.08	<1	10	35	14	2.67	10	0.48	157	<1	0.01	26	340	36	<5	<20	21	0.03	40	39	<10	2	41
L39N 231+50E	<5	<0.2	1.13	<5	120	<5	0.12	<1	9	28	11	2.51	<10	0.32	287	<1	0.01	19	830	34	<5	<20	23	0.05	30	42	<10	3	39
L39N 231+75E	5	<0.2	1.05	<5	110	<5	0.07	<1	9	26	11	2.22	10	0.34	411	<1	0.01	21	550	34	<5	<20	17	0.03	<10	35	<10	2	41
L39N 232+00E	5	<0.2	1.05	<5	95	<5	0.17	<1	11	31	20	2.70	20	0.49	322	<1	0.01	27	420	36	<5	<20	25	0.03	<10	29	<10	7	42
L39N 232+25E	5	<0.2	1.27	5	115	<5	0.22	<1	15	42	28	3.35	20	0.69	397	1	0.01	36	540	40	<5	<20	24	0.03	<10	39	<10	8	49
L39N 232+50E	<5	<0.2	0.98	5	105	<5	0.20	<1	12	33	25	2.76	20	0.50	362	1	0.01	28	530	34	<5	<20	26	0.02	<10	31	<10	9	46
L39N 232+75E	<5	<0.2	1.23	5	100	<5	0.08	<1	10	29	18	2.54	10	0.39	148	2	0.01	27	250	40	<5	<20	19	0.02	<10	34	<10	2	42
L39N 233+00E	10	0.2	0.86	40	45	<5	0.19	<1	23	16	56	4.19	<10	0.23	308	3	<0.01	47	350	150	<5	<20	7	<0.01	<10	19	<10	<1	400
L39N 233+25E	5	<0.2	0.72	10	35	<5	0.11	<1	6	16	8	2.10	<10	0.12	67	<1	<0.01	12	1020	34	<5	<20	8	0.02	<10	28	<10	<1	38
L39N 233+50E	5	<0.2	1.02	15	80	5	0.31	<1	19	43	36	3.59	<10	0.56	408	1	<0.01	47	780	44	<5	<20	9	0.03	<10	35	<10	2	82
L39N 233+75E	5	<0.2	0.92	10	45	<5	0.16	<1	15	43	15	3.25	<10	0.51	284	1	<0.01	32	440	38	<5	<20	5	0.02	<10	35	<10	<1	56
L39N 234+00E	120	<0.2	0.54	10	60	<5	0.12	<1	9	23	12	2.11	<10	0.24	431	<1	<0.01	19	360	28	<5	<20	4	0.02	<10	21	<10	<1	48
L39N 234+25E	5	<0.2	0.71	10	70	<5	0.22	<1	11	23	15	2.44	<10	0.30	376	1	<0.01	24	540	36	<5	<20	9	0.02	<10	23	<10	<1	57
L39N 234+50E	5	<0.2	0.65	5	60	<5	0.08	<1	7	20	8	1.84	<10	0.22	138	<1	<0.01	19	1120	26	<5	<20	4	0.03	<10	23	<10	<1	60
L39N 234+75E	<5	<0.2	0.45	5	25	<5	0.14	<1	9	19	10	1.88	<10	0.21	207	<1	<0.01	17	460	22	<5	<20	6	0.02	<10	19	<10	<1	31
L39N 235+00E	5	0.2	0.72	10	45	<5	0.91	<1	10	24	23	2.39	<10	0.31	172	<1	<0.01	29	350	32	<5	<20	10	0.02	<10	22	<10	3	49
L39N 235+25E	<5	<0.2	0.85	15	95	5	0.12	<1	8	15	11	2.02	<10	0.15	467	<1	<0.01	19	510	42	<5	<20	7	0.03	<10	19	<10	<1	43

EC H LA TOR ERTI E OF YSIS 05-1 Man. Con. nts In.

Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
L39N 235+50E	<5	<0.2	0.75	5	45	<5	0.08	<1	7	21	7	1.87	<10	0.25	119	<1	<0.01	18	400	30	<5	<20	4	0.02	<10	22	<10	<1	41
L39N 235+75E	<5	<0.2	0.56	<5	35	<5	0.05	<1	6	16	6	1.67	<10	0.19	81	<1	<0.01	14	220	22	<5	<20	<1	0.02	<10	21	<10	<1	33
L39N 236+00E	10	<0.2	0.83	10	55	<5	0.10	<1	9	22	12	2.12	<10	0.27	256	<1	<0.01	24	340	34	<5	<20	4	0.03	<10	22	<10	<1	53
QC DATA:																													
Repeat:																													
L17N-227+00E	5	<0.2	1.35	20	75	10	0.31	<1	12	31	29	2.99	<10	0.42	682	<1	<0.01	22	530	62	<5	<20	13	0.05	<10	45	<10	6	49
L17N-229+25E	5	0.2	1.31	10	85	10	0.10	<1	10	30	20	3.30	<10	0.41	206	<1	<0.01	24	670	62	<5	<20	5	0.06	<10	50	<10	<1	49
L17N-231+50E	5	0.2	0.43	<5	55	<5	0.06	<1	7	15	12	1.52	<10	0.09	640	<1	0.01	13	250	16	<5	<20	3	0.05	<10	40	<10	3	21
L17N-233+75E	5																												
L19N-227+50E	<5	0.4	0.59	<5	45	<5	0.15	<1	8	19	8	2.04	<10	0.14	136	<1	0.01	10	370	26	<5	<20	7	0.05	<10	36	<10	<1	25
L19N-229+75E	5	0.2	1.15	10	80	<5	0.18	<1	12	32	19	3.41	<10	0.62	310	1	<0.01	22	410	40	<5	<20	9	0.03	<10	52	<10	<1	58
L19N-232+00E	5	<0.2	1.00	5	60	10	0.16	<1	15	35	19	3.11	<10	0.53	426	<1	<0.01	27	530	38	<5	<20	6	0.04	<10	45	<10	<1	48
L19N-234+25E	5																												
L33N 223+00E	10	<0.2	1.51	15	165	5	0.89	<1	15	33	28	3.55	<10	0.41	467	1	0.01	32	740	62	<5	<20	42	0.04	<10	38	<10	5	90
L33N 225+25E	<5	<0.2	1.08	5	65	<5	0.43	<1	11	29	12	2.87	<10	0.29	123	<1	<0.01	21	380	38	<5	<20	13	0.06	<10	50	<10	<1	47
L33N 227+50E	5	<0.2	1.48	20	130	10	0.14	<1	12	23	17	3.24	<10	0.26	172	2	<0.01	30	600	58	<5	<20	4	0.03	<10	31	<10	<1	81
L33N 229+75E		0.2	1.46	15	110	5	0.55	<1	14	38	28	3.19	<10	0.47	662	1	0.01	33	770	54	<5	<20	25	0.04	<10	35	<10	5	66
L33N 230+25E	<5																												
L33N 231+75E	<5	<0.2	0.97	5	45	5	0.11	<1	9	21	6	1.97	<10	0.19	181	<1	0.01	16	470	38	<5	<20	4	0.06	<10	35	<10	<1	41
L33N 234+00E		0.2	1.94	10	195	<5	0.23	<1	12	33	27	3.09	<10	0.33	284	<1	0.01	37	390	68	<5	<20	22	0.05	<10	35	<10	7	63
L33N 234+50E	<5																												
L33N 236+25E		0.2	1.54	10	90	<5	0.12	<1	8	16	5	1.99	<10	0.10	366	<1	0.01	11	1190	58	<5	<20	6	0.06	<10	32	<10	<1	61
L33N 237+50E	<5																												
L33N 238+50E		0.2	1.22	5	120	<5	0.87	<1	10	39	33	2.54	<10	0.33	662	<1	0.02	29	590	46	<5	<20	40	0.03	<10	32	<10	4	64
L39N 223+00E	5																												
L39N 224+25E		<0.2	2.23	10	175	<5	0.12	<1	13	27	11	3.06	<10	0.34	404	<1	0.02	23	1770	66	<5	<20	23	0.07	<10	44	<10	<1	76
L39N 225+25E	<5																												
L39N 226+50E	<5	0.2	1.60	<5	140	<5	0.45	<1	15	44	34	3.50	10	0.46	839	<1	0.03	34	320	48	<5	<20	34	0.07	<10	50	<10	13	46
L39N 228+75E		<0.2	1.61	5	160	<5	0.75	<1	17	42	25	3.65	10	0.66	725	1	0.02	32	780	50	<5	<20	54	0.06	<10	49	<10	10	67
L39N 229+50E	5																												
L39N 231+00E	<5	0.2	3.29	10	155	5	0.12	<1	12	17	11	2.77	<10	0.16	382	<1	0.02	18	1020	88	<5	<20	25	0.09	<10	41	<10	4	36
L39N 233+00E		0.3	0.92	35	55	5	0.21	<1	23	17	54	4.32	<10	0.24	319	4	<0.01	49	390	154	<5	<20	9	<0.01	<10	18	<10	<1	419
L39N 233+75E	5																												
Standard:																													
GEO'05		1.5	1.23	55	130	<5	1.37	<1	19	59	82	3.38	<10	0.62	495	<1	0.02	29	570	24	<5	<20	54	0.09	<10	72	<10	10	72
GEO'05		1.5	1.21	55	125	<5	1.36	<1	19	59	86	3.35	<10	0.61	492	<1	0.02	29	610	20	<5	<20	53	0.11	<10	70	<10	10	74
GEO'05		1.5	1.23	55	125	5	1.27	<1	19	59	88	3.36	<10	0.63	499	<1	0.02	29	590	20	<5	<20	56	0.11	<10	70	<10	10	72
GEO'05		1.4	1.46	50	125	<5	1.38	1	19	62	86	3.51	<10	0.65	596	<1	0.03	29	530	24	<5	<20	58	0.11	<10	72	<10	11	73
GEO'05		1.5	1.47	55	120	<5	1.31	<1	18	60	84	3.23	<10	0.59	478	<1	0.02	28	540	22	<5	<20	54	0.10	<10	68	<10	9	74
SH13	1310																												
SH13	1290																												

JJ/kk
df/1459
XLS/05

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