GEOCHEMICAL, GEOPHYSICAL, TRENCHING and DIAMOND DRILLING

REPORT
on the

CROSS PROPERTY

Kamloops Mining Division, British Columbia

Little Fort, British Columbia

for

New Cantech Ventures Inc.
201 - 14881 Marine Drive
White Rock, B.C.
V4B 1C2

Prepared by:

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October 20,2004

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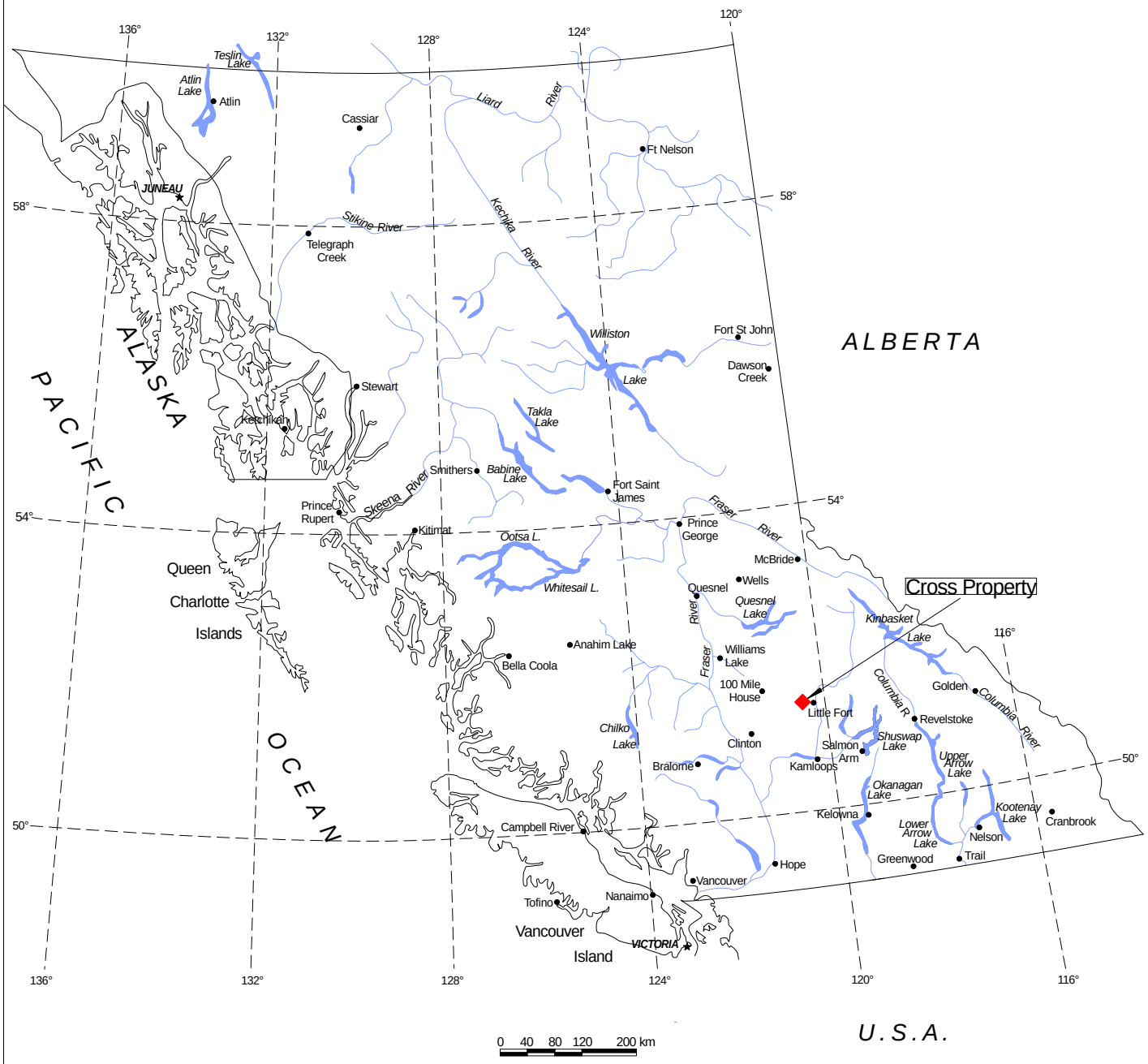
1.0 SUMMARY

A multi-element soil anomaly, coincident with a VLF electromagnetic (VLF-EM) anomaly was discovered in 2003. These coincided with a roadside 'discovery' trench excavated in 1999.

Work performed in 2004 on the Cross property included geochemical sampling, magnetometer and VLF-EM surveys, backhoe trenching and diamond drilling. A sampling grid established in 2003 was extended by approximately 3.8 kilometres in 2004. Soil and rock samples were collected and the geophysical surveys were performed over this extended grid.

Results of the 2004 work extended the geochemical and VLF-EM anomalies southward. Trenching and diamond drilling confirmed the geochemical and geophysical anomalies are associated with skarn mineralization close to a shear zone in upper Triassic Nicola Group volcanics.



NEW CANTECH VENTURES INC.	
LOCATION MAP CROSS PROPERTY Kamloops Mining Division, B.C.	
Tech Work By: GEOQUEST	Date: October, 2004
Drawn By: EG	Figure: 1

To accompany a report by R. Turna, P. Geo.

2.0 INTRODUCTION

This report describes geochemical, geophysical, trenching and diamond drilling work performed in May and June, 2004 on the Cross Property near Little Fort, B.C. The purpose of the work program was to determine the extent of copper-silver bearing skarn mineralization associated with upper Triassic age Nicola Group volcanics and sedimentary rocks.

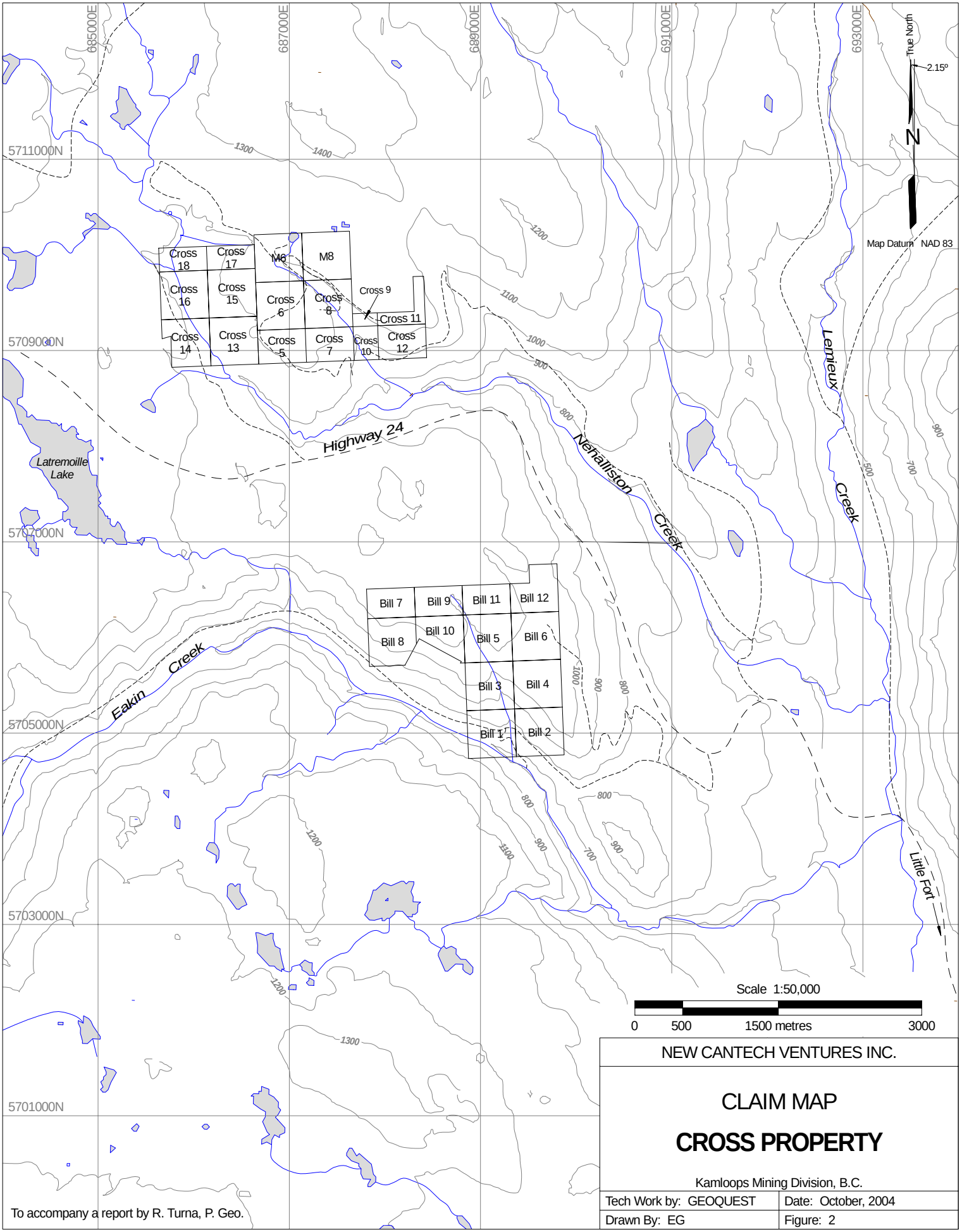
3.0 LOCATION and ACCESS

The Cross property is located in the Kamloops Mining Division in British Columbia,
The geographic coordinates of the property are:
51° 30' North latitude and 120° 18.5' West longitude or
687000E and 5709000N UTM coordinates (NAD 83).
The relevant maps are:
N.T.S. Map No. 92P/09
Trim Map No. 92P.050.

Good access to the property is provided by logging roads along Nehalliston Creek from Highway 24.
Little Fort, the nearest community, is located 11 kilometres southeast of the property.
The city of Kamloops is located approximately 90 kilometres south of Little Fort.

4.0 TOPOGRAPHY and VEGETATION

The Cross property is situated on the Thompson Plateau west of the North Thompson River. Average elevation of the property is approximately 1,100 metres above sea level. Total topographic relief is 170 metres. Two southeast flowing streams cross the property.
The region has been glaciated. Ice movement has been from the northwest, according to the Geological Survey of Canada. Overburden thickness varies from less than 1.0 metre to greater than 5.0 metres in the trenches excavated during this program. Outcrop exposure is very sparse in the area of the Cross property. Coniferous forest covers the claims. Logging has been active for several years in areas on and around the property.



NEW CANTECH VENTURES INC.

CLAIM MAP

CROSS PROPERTY

Kamloops Mining Division, B.C.

Tech Work by: GEOQUEST	Date: October, 2004
Drawn By: EG	Figure: 2

To accompany a report by R. Turna, P. Geo.

5.0 MINERAL CLAIMS

The Cross Property consists of 16 mineral claims situated on Crown Land. In Ocotober 2003, New Cantech Ventures Inc. optioned the Cross 5-8 and M 6 and 8 claims from the owner, Mr. George Wolanski. In November, 2003 the Cross 9-18 claims were staked to cover open ground to the west and east.

Table No. 1 - Mineral Claim Details

Claim Name	Tenure No.	Type	# Units	Expiry Date	Owner
Cross 5-8	343591 to 343594	2 post	4	Feb 25, 2009	G. Wolanski
Cross 9-12	406440 to 406443	2 post	4	Nov 2, 2009	G. Wolanski
Cross 13-18	406444 to 406449	2 post	6	Nov 3, 2009	G. Wolanski
M6, M8	343600, 343602	2 post	16	Feb 17, 2009	G. Wolanski

6.0 HISTORY

During the early 1920's, placer gold was discovered in Eakin Creek. Small operations ran sporadically over several years. Exploration for 'porphyry' type copper/molybdenum deposits took place in the region during the 1960's and 1970's.

In 1999 Mr. George Wolanski discovered copper mineralized float and subcrop in the area of the Cross 6 claim. A trench dug by backhoe exposed copper bearing skarn. This trench is referred to as the 'discovery trench' in this report.

In November, 2003 soil and rock sampling and a VLF-EM survey were carried out over a grid in the vicinity around the 'discovery' trench. This work resulted in a multi element soil anomaly and a strong VLF-EM anomaly, over 500 metres long, oriented roughly NW-SE crossing the mineral showing in the 'discovery' trench.

7.0 EXPLORATION PROGRAM - 2004

The 2004 field work program was performed May 12 - June 27, 2004.

Trenching and diamond drilling were performed, targeting the previous year's VLF-EM anomaly, considered to possibly represent conductive skarn related mineralization.

The soil sampling grid was extended, mainly to the south, as the VLF-EM anomaly appeared strong and open in that direction. Further VLF-EM survey work was also performed over the extended sampling grid. A magnetometer survey was performed over the entire soil grid, that established last year and this year.

7.1 Sampling Done

159 soil samples collected at 25 metre intervals along newly established lines
20 reconnaissance soil samples not on lines, and 2 stream silts
20 reconnaissance rock samples
34 rock samples from trenches
130 core samples

All soil, rock and core samples were analysed for Au and 28 other elements, including Ag, Cu, Pb, Zn and other 'pathfinder' elements.

3775 metres of new soil line established.
7475 metres of magnetometer survey (3700 m on existing lines and 3775 m on new lines), data collected at 25 metre intervals.

3775 metres of new VLF-EM survey, data collected at 25 metre intervals.
Approximately 130 metres of trenching was done in 6 trenches.
841.24 metres of NQ size diamond drilling was done in 8 holes.

Hole No.	Depth	Hole No.	Depth
DDH C 2004-1	102.41m	DDH C 2004-5	99.67m
DDH C 2004-2	151.48m	DDH C 2004-6	108.81m
DDH C 2004-3	102.11m	DDH C 2004-7	109.12m
DDH C 2004-4	58.83m	DDH C 2004-8	108.81m

The DDH's will be referred to by shortened names in the discussion below, as DDH 1, etc. These shortened DDH names are also used on the geochemical and geophysical maps, Figure Nos. 4 - 9.

8.0 GEOLOGY

The following geological description is from Gruenwald, W., 2004, pgs. 5 - 6.

8.1 Regional Geology:

The Cross property lies within a diverse assemblage of volcanic and sedimentary rocks in the southern extension of the Quesnel Trough. BC Geological Survey mapping (Paper 2002-4) indicates the area is a structurally complex lithological assemblage that forms a north-northwesterly trending belt situated between metamorphosed rocks to the east and Tertiary "plateau" volcanics to the west. Faulting is complex, with the Thompson River Fault being the dominant regional structure. This major fault divides Proterozoic/Paleozoic metamorphic rocks to the east from the younger rocks to the west.

8.2 Local Geology:

Three lithological units are mapped by the BCGS on and around the Cross property.

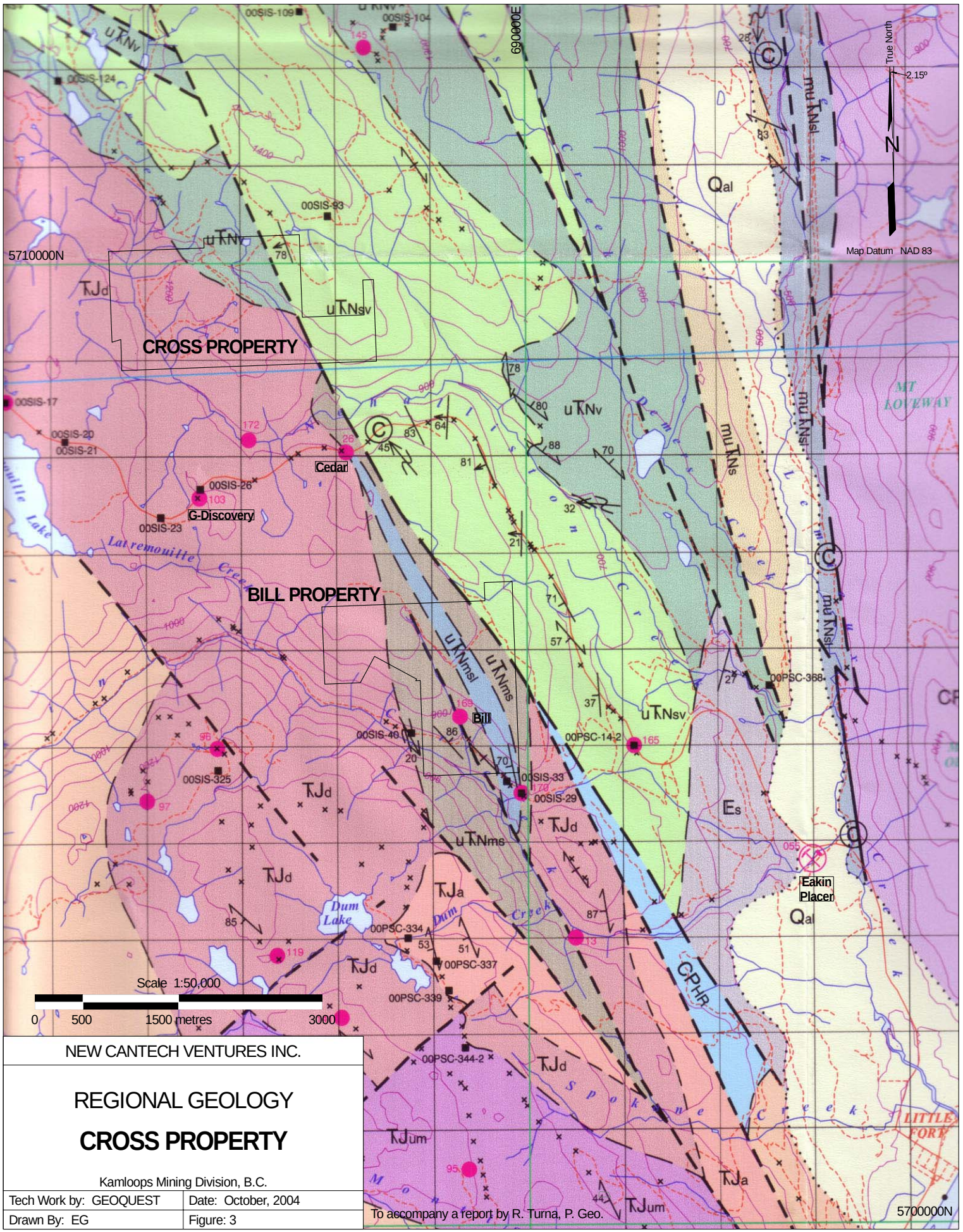
A large northwest trending band of volcanics and derived sediments of the Triassic age Nicola Group is mapped in the easternmost part of the property. Mapped west and in fault contact with these rocks are predominantly mafic flows and breccias that are also part of the Nicola succession. These rocks are intruded by dioritic rocks of late Triassic - early Jurassic age and thought to be marginal phases of the large Thuya Batholith.

8.3 Structural Geology:

The region and immediate area of the property is transected by several north-northwesterly trending faults related to the North Thompson River fault system. A fault splay off this major fault is inferred along the small creek that transects the eastern third of the property. The Nicola Group rocks are mapped as striking north-northwest and dipping steeply to the west.

9.0 MINERALIZATION

Regional mineral occurrences tend to be associated with intrusive rocks. The occurrences are described as 'porphyry' base and/or precious metal deposits, gold or polymetallic vein deposits, or skarn deposits. The skarn occurrences are hosted by Nicola Group rocks intruded by, or adjacent to small intrusions related to the Thuya Batholith.



NEW CANTECH VENTURES INC.

REGIONAL GEOLOGY

CROSS PROPERTY

Kamloops Mining Division, B.C.

Tech Work by: GEOQUEST	Date: October, 2004
Drawn By: EG	Figure: 3

LEGEND

(Figure 3)

QUATERNARY

Qal — *Unconsolidated glacial, fluvial and alluvial deposits*

LATE TRIASSIC(?) and EARLY JURASSIC

TJa — *Diorite, microdiorite, syenite, intrusion breccia; pyrite-silica-altered rock, skarn and chloritic schist derived from these intrusive rocks and/or associated country rocks*

TJd — *Diorite, microdiorite, gabbro; locally includes clinopyroxenite and intrusion breccia*

TJum — *Dunite, wehrlite, clinopyroxenite, serpentinite*

MIDDLE AND LATE TRIASSIC

Nicola Group

uTNsv — *Volcanic sandstone, siltstone, conglomerate, volcanic breccia, tuff, basalt, chert, limestone*

uTNv — *Mafic volcanic breccia, massive to pillowed pyroxene-phyric basalt; minor amounts of volcanic sandstone, siltstone and conglomerate*

Meridian Lake succession

uTNms — *Siltstone, argillite, slate, sandstone, conglomerate, limestone*

uTNmsl — *Limestone; locally includes slate, siltstone and chert*

Lemieux Creek succession

muTNs — *Siltstone, slate, phyllite, sandstone, quartzite, siltite, limestone*

muTNsl — *Limestone; lesser amounts of slate and siltstone*

CARBONIFEROUS - PERMIAN

Harper Ranch Group

CPHR — *Siltstone, argillite, chert, limestone*

Fennell Formation

CPFu — *Upper Structural Division: pillowed and massive basalt; minor amounts of chert, diabase, gabbro;* CPFuc - *chert*

SYMBOLS

Geological contact (defined, approximate, inferred)

Fault (defined, approximate, inferred)

Thrust fault, teeth on upthrust block (inferred)

Bedding, tops known (inclined, overturned) — 50, 87

Bedding, tops unknown (inclined, vertical) — 75

Slaty cleavage or schistosity (inclined, vertical) — 70

Axis of mesoscopic fold — 42

Fossil locality (macrofossil, conodont) — F, C

Location of isotopically dated sample (U-Pb zircon) — r, 192.7±0.9Ma

Mineral occurrence with MINFILE number (prefix 92P, Table 1) — 055

Past producer

Prospect — 7

Showing — 94

Assay sample with sample number (Table 2) — 00SIS-198

Field station (shown only where not indicated by another symbol)

Limit of extensive Qal cover

Limit of mapping

Contours (100 metre intervals) — 600

Roads (paved, gravel, rough)

Figure 3 and Legend after BCGS O.F. 2002-4

Mineralization discovered on the Cross property in 2004 was skarn type. Copper and zinc mineralization with silver occurred in volcanic rocks in trenches and drill core. The mineralized zones were commonly accompanied by abundant pyrrhotite, wollastonite and garnet in the gangue.

10.0 GEOCHEMICAL PROGRAM

The sampling grid established in 2003 was expanded, mainly southward. The north-south baseline was extended 200m south from L6S to L8S. New east-west sampling lines were L4S, L4S, L7S and L8S. West and east extensions were added to pre-existing lines L2S and L3S. Some fill in sampling was done on other pre-existing lines where frozen ground had hampered sampling in 2003. Soil samples were collected at stations located at 25 metre intervals along the sampling lines.

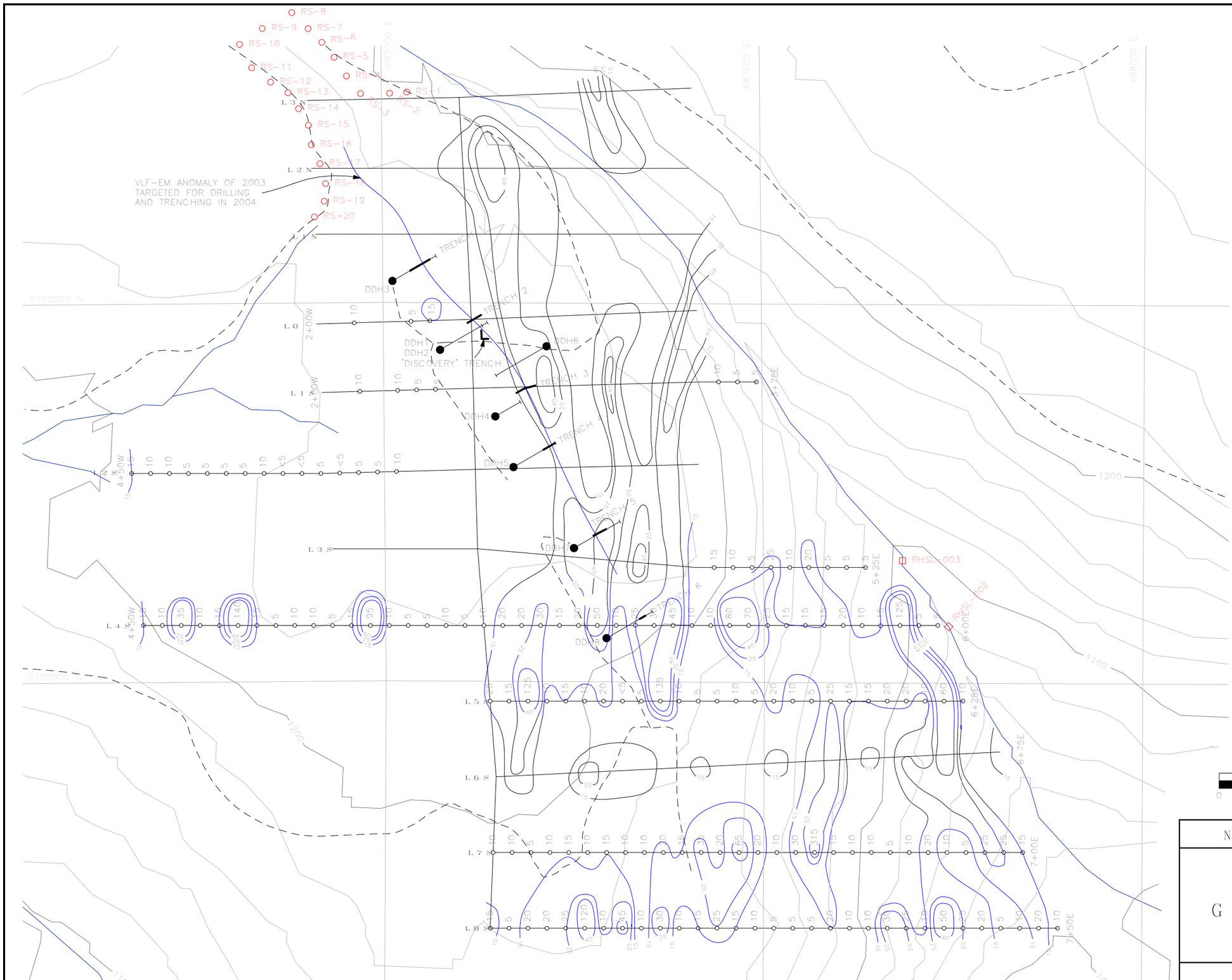
Soil samples were collected from the 'B' soil horizon at approximately 30 cm depth. Approximately 400 grams of soil was collected at each location. Each sample was identified on the kraft paper collection bag by grid coordinates.

Prospecting was conducted during the course of the soil sampling. Rocks that were limonitic or appeared mineralized or unusual were collected where they were found within or outside of the grid area. Most of the rock samples collected were of float material. Samples were identified by the samplers' initials and a sample number.
All samples were analyzed by Eco-Tech Laboratory Ltd. in Kamloops, B.C. All samples were analyzed for gold and 28 element Induction Coupled Plasma (ICP) technique. The analytical data and methodology are found in Appendices A and B, respectively

The data for gold, silver, copper and lead are shown on Figure Nos. 4, 5, 6, and 7, respectively. The data are contoured at values indicated on the respective maps. No statistical analysis was done to determine the coutours.

10.1 Geochemical Results

A multi-element soil anomaly described in 2003 year's assessment work (see Gruenwald, W., 2004) was extended 500 metres southward to Line L8S. Gold values to 140 parts per billion (ppb) occurred widely separated over the grid area. A very distinct anomalous silver trend discovered in 2003 assessment work was extended southward in this year's program. This silver trend appears coincident with the VLF-EM anomaly of 2003. Copper and lead had widespread



Sample Number	Au ppb
RS-1	10
RS-2	5
RS-3	35
RS-4	10
RS-5	5
RS-6	10
RS-7	10
RS-8	10
RS-9	5
RS-10	5
RS-11	5
RS-12	15
RS-13	10
RS-14	40
RS-15	10
RS-16	10
RS-17	5
RS-18	5
RS-19	5
RS-20	5
RHSL-002	15
RHSL-003	10

True North
Grid North (UTM)
2.15°

Map Datum: Nad 83

LEGEND

- 1200 — Elevation Above Sea Level (metres)
- Creek
- Road
- Sampling Line (2004 Work)
- Sampling Line (2003 Work)
- △ Rock Sample
- ○ Soil Sample
- □ Silt Sample
- Diamond Drill Hole Site & Horizontal Projection
- Trench

SURVEY VALUES CONTOURED AT
15, 25, 40 PARTS PER BILLION (PPB).

NOTE: DATA RESULTS COLLECTED IN 2004 ARE CONTOURED WITH A BLUE LINE. PREVIOUS YEAR'S DATA ARE NOT PLOTTED BUT CONTOURED RESULTS ARE SHOWN WITH A BLACK LINE. THIS IS TO PROVIDE CONTEXT AND CONTINUITY.
SEE APPENDIX A FOR FULL 2004 GEOCHEM DATA.

Scale: 1:5,000

0 100 200 metres 400

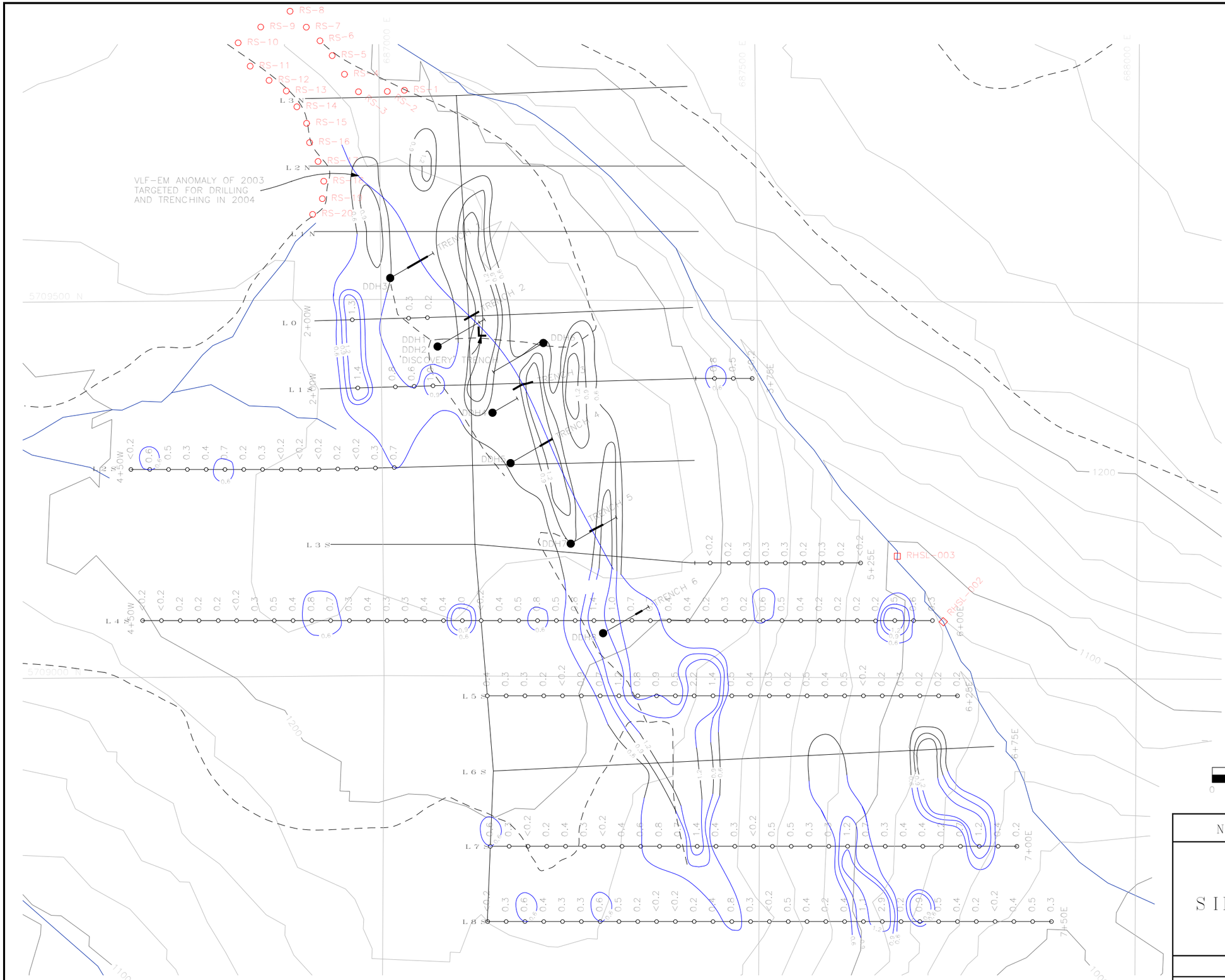
NEW CANTECH VENTURES INC.

CROSS PROPERTY

GOLD GEOCHEMISTRY

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 4



Sample Number	Ag ppm
RS-1	0.4
RS-2	0.7
RS-3	0.4
RS-4	0.2
RS-5	0.4
RS-6	0.2
RS-7	0.4
RS-8	0.2
RS-9	0.2
RS-10	0.5
RS-11	0.5
RS-12	0.4
RS-13	0.3
RS-14	<0.2
RS-15	<0.2
RS-16	<0.2
RS-17	<0.2
RS-18	<0.2
RS-19	<0.2
RS-20	<0.2
RHSL-002	<0.2
RHSL-003	<0.2

True North
Grid North (UTM)
2.15°
N

LEGEND

- 1200 — Elevation Above Sea Level (metres)
- Creek
- Road
- Sampling Line (2004 Work)
- Sampling Line (2003 Work)
- Rock Sample
- Soil Sample
- Silt Sample
- Diamond Drill Hole Site & Horizontal Projection
- Trench

SURVEY VALUES CONTOURED AT
0.6, 0.9, 1.2 PARTS PER MILLION (PPM).

NOTE: DATA RESULTS COLLECTED IN 2004 ARE CONTOURED WITH A BLUE LINE. PREVIOUS YEAR'S DATA ARE NOT PLOTTED BUT CONTOURED RESULTS ARE SHOWN WITH A BLACK LINE. THIS IS TO PROVIDE CONTEXT AND CONTINUITY.
SEE APPENDIX A FOR FULL 2004 GEOCHEM DATA.

Scale: 1:5,000

0 100 200 metres 400

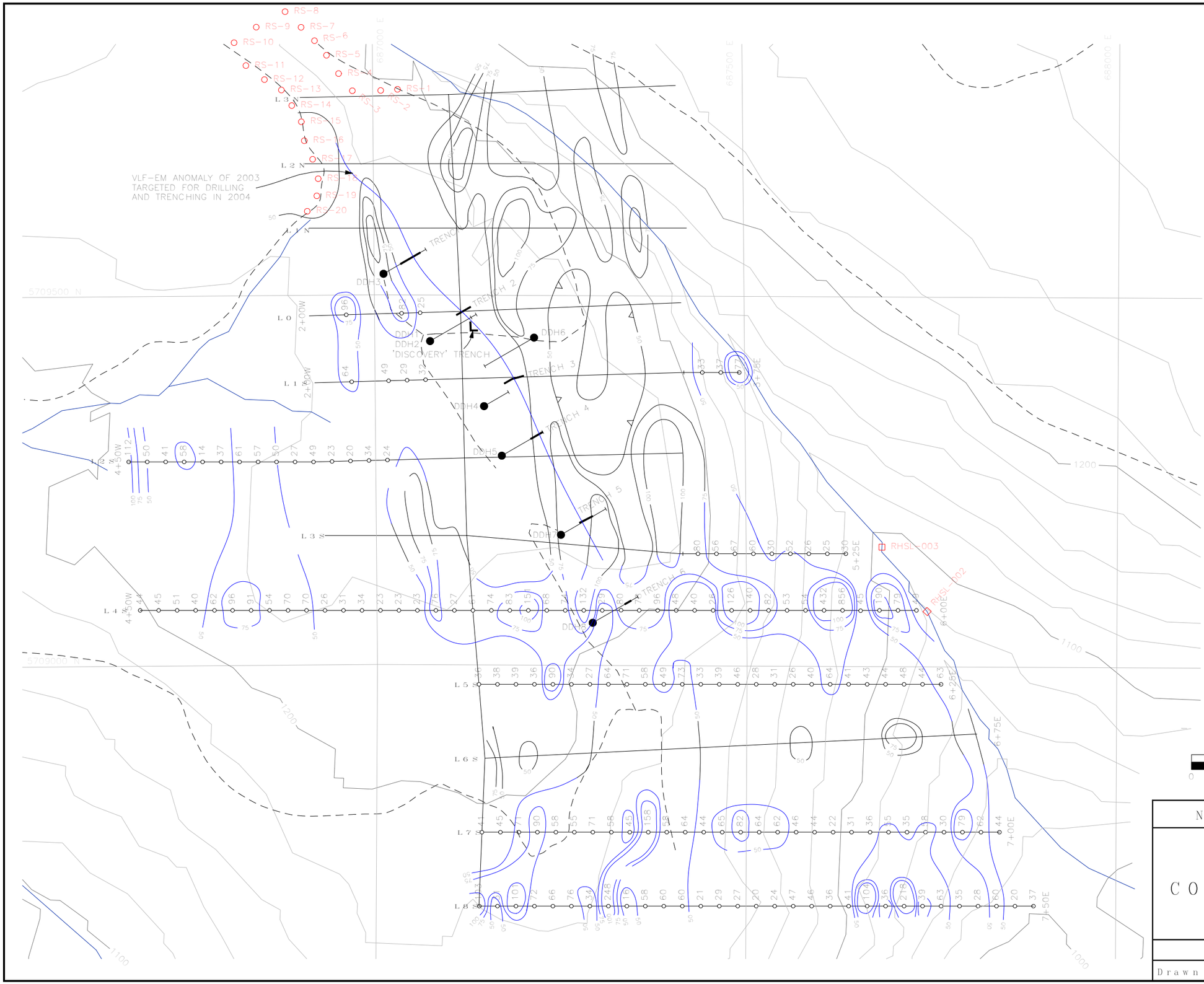
NEW CANTECH VENTURES INC.

CROSS PROPERTY

SILVER GEOCHEMISTRY

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 5



Sample Number	Cu ppm
RS-1	32
RS-2	24
RS-3	37
RS-4	219
RS-5	14
RS-6	62
RS-7	57
RS-8	77
RS-9	77
RS-10	30
RS-11	20
RS-12	55
RS-13	76
RS-14	37
RS-15	70
RS-16	79
RS-17	28
RS-18	30
RS-19	55
RS-20	41
RHSL-002	69
RHSL-003	62

True North
Grid North (UTM)
2.15°
N

LEGEND

- 1200 — Elevation Above Sea Level (metres)
- Creek
- Road
- Sampling Line (2004 Work)
- Sampling Line (2003 Work)
- △ Rock Sample
- ○ Soil Sample
- □ Silt Sample
- Diamond Drill Hole Site & Horizontal Projection
- Trench

SURVEY VALUES CONTOURED AT
50, 75, 100 PARTS PER MILLION (PPM).

NOTE: DATA RESULTS COLLECTED IN 2004 ARE CONTOURED WITH A BLUE LINE. PREVIOUS YEAR'S DATA ARE NOT PLOTTED BUT CONTOURED RESULTS ARE SHOWN WITH A BLACK LINE. THIS IS TO PROVIDE CONTEXT AND CONTINUITY.
SEE APPENDIX A FOR FULL 2004 GEOCHEM DATA.

Scale: 1:5,000

0 100 200 metres 400

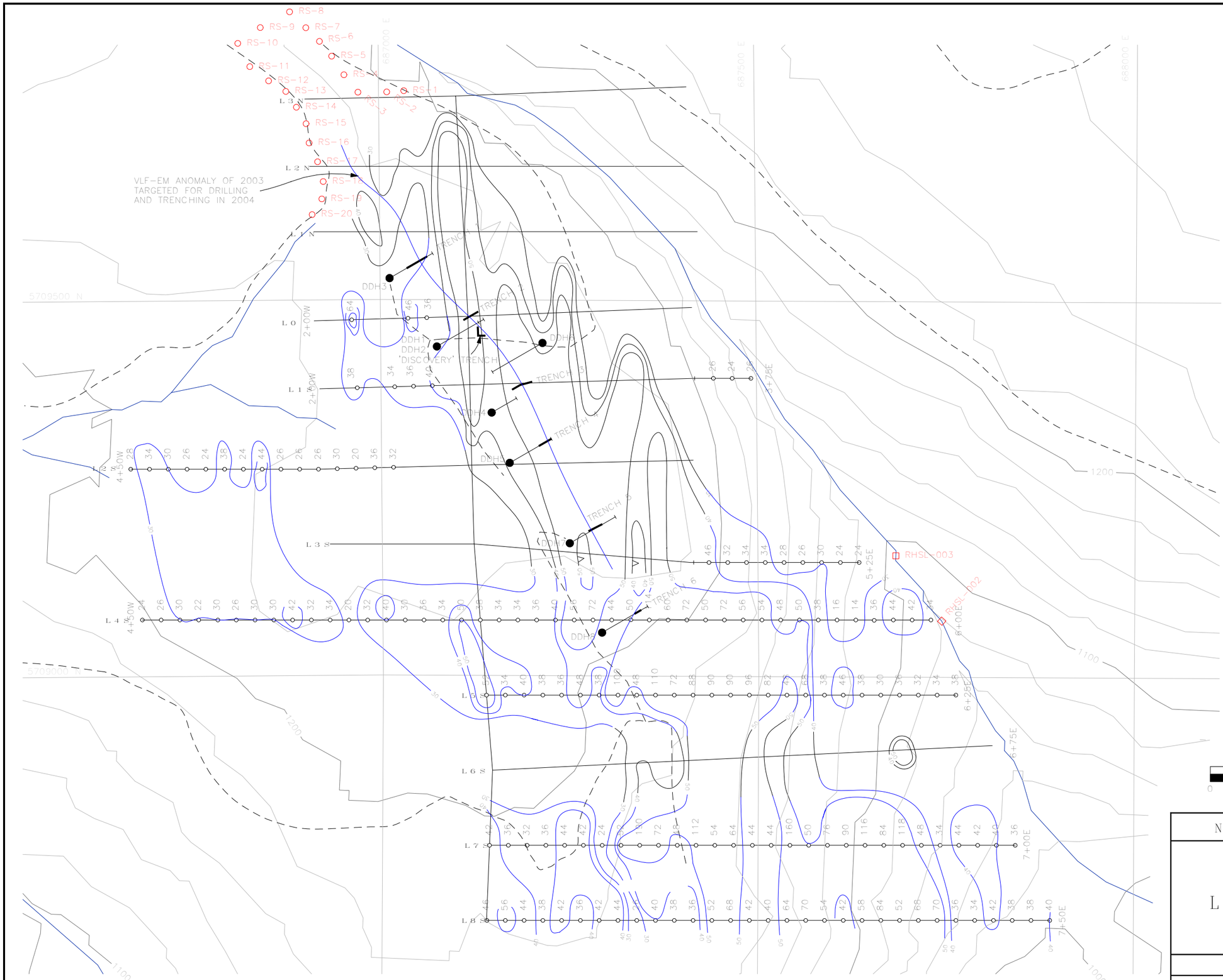
NEW CANTECH VENTURES INC.

CROSS PROPERTY

COPPER GEOCHEMISTRY

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 6



Sample Number	Pb ppm
RS-1	32
RS-2	32
RS-3	32
RS-4	66
RS-5	40
RS-6	36
RS-7	40
RS-8	30
RS-9	34
RS-10	32
RS-11	24
RS-12	40
RS-13	30
RS-14	26
RS-15	22
RS-16	30
RS-17	26
RS-18	20
RS-19	28
RS-20	22
RHSL-002	24
RHSL-003	22

True North
Grid North (UTM)
2.15°
N

LEGEND

- 1200 — Elevation Above Sea Level (metres)
- Creek
- Road
- Sampling Line (2004 Work)
- Sampling Line (2003 Work)
- △ Rock Sample
- ○ Soil Sample
- □ Silt Sample
- Diamond Drill Hole Site & Horizontal Projection
- Trench

SURVEY VALUES CONTOURED AT
30, 40, 50 PARTS PER MILLION (PPM).

NOTE: DATA RESULTS COLLECTED IN 2004 ARE CONTOURED WITH A BLUE LINE. PREVIOUS YEAR'S DATA ARE NOT PLOTTED BUT CONTOURED RESULTS ARE SHOWN WITH A BLACK LINE. THIS IS TO PROVIDE CONTEXT AND CONTINUITY.
SEE APPENDIX A FOR FULL 2004 GEOCHEM DATA.

Scale: 1:5,000

0 100 200 metres 400

NEW CANTECH VENTURES INC.

CROSS PROPERTY

LEAD GEOCHEMISTRY

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 7

anomalous patterns oriented roughly north-south and possibly related to the VLF-EM and silver anomalies, though their correlation is not as strong as silver with VLF-EM.

Table No. 2 - Selected Significant Rock and Core Sampling Results

Sample No.	Location	Type	Length (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
2004T7	Trench 1	Chip	1.50			3017		
2004T23	Trench 2	Grab	0.30			1473		
2004T26	Trench 3	Chip	2.00		302 g/t		280	1136
2004T33A	Trench 3	Chip	0.50			1261	484	1163
E07376	DDH C 2004-1	Core	1.79	500				4039
E14310	DDH C 2004-3	Core	1.51	225		1054	244	595
E14335	DDH C 2004-2	Core	1.21	825				
E14351	DDH C 2004-6	Core	1.22	140				
E14357	DDH C 2004-6	Core	1.27	240				
E14406	DDH C 2004-1	Core	1.00			1.01%		
E14414	DDH C 2004-3	Core	1.29	295		2889		
E14365	DDH C 2004-6	Core	1.53	225			1626	3054
E14366	DDH C 2004-6	Core	1.50	105				
E14368	DDH C 2004-6	Core	0.90		68.0 g/t	1570		
E14369	DDH C 2004-6	Core	1.08		32.2 g/t		208	1295

Appendix C - Rock Sample Descriptions and Appendix J - Diamond Drill Hole Logs provide detailed descriptions and locations of all rock and core samples.

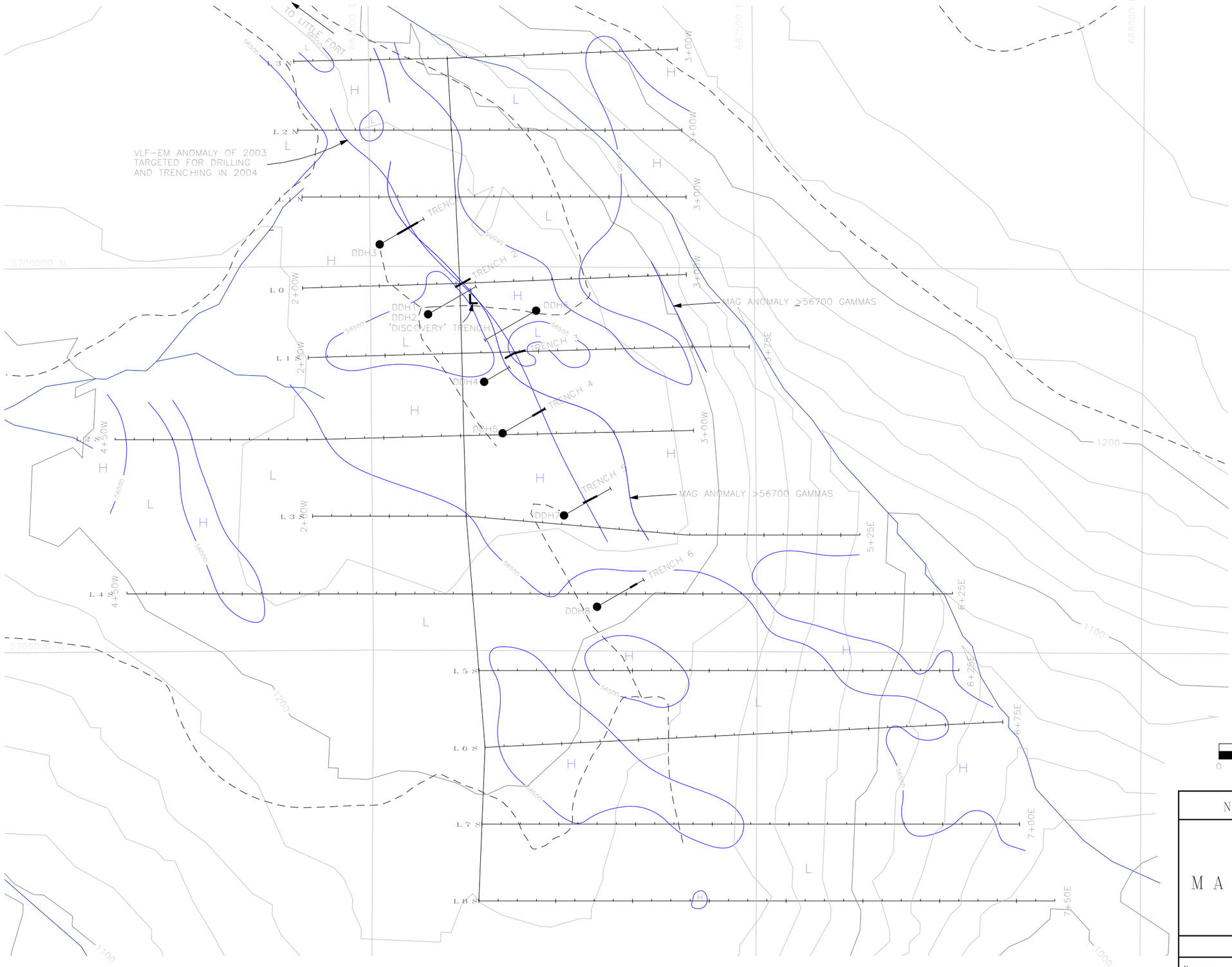
11.0 GEOPHYSICAL PROGRAM

11.1 Proton Magnetometer Survey

Magnetic data was collected with a Geometrics Model G816 Proton Magnetometer. The data are found in Appendix H.

Magnetic anomalies were encountered on Lines 0 and 1N coincident with 2003's VLF-EM anomaly on these lines. These are in the northern area, in the vicinity of 1999's 'discovery trench'. Weaker extensions of the magnetic anomaly occurred southward on Lines 1S, 2S and 3S roughly coincident with the VLF-EM anomaly of 2003. This magnetic anomaly does not continue farther south to Lines 4S and 5S, as does the VLF-EM anomaly of this year's survey.

The relatively strong magnetic anomalies on Lines 0 and 1N are considered to be due to skarn related pyrrhotite, massive over 1.0 metres in DDH 1, and 30% over 0.7 metres in DDH 6. The weaker magnetic anomalies southward may also be related to skarn mineralization. Magnetic pyrrhotite is common in small amounts in the volcanics in the survey area. On Line 2S the magnetic anomaly is about 70 metres east of the VLF-EM anomaly, suggesting the magnetic anomaly here is not necessarily related to the VLF-EM anomaly.



True North
Grid North (UTM)

2.15°

N

LEGEND

1200 — Elevation Above Sea Level (metres)

Creek

Road

Sampling Line (2003 and 2004)

Diamond Drill Hole Site
& Horizontal Projection

Trench

SURVEY VALUES CONTOURED AT 56500 GAMMAS.

NOTE: AREAS MARKED 'H' ARE ABOVE 56500 GAMMAS,
AREAS MARKED 'L' ARE BEOLW 56500 GAMMAS.
SEE APPENDIX H FOR FIELD DATA.

Scale: 1:5,000

0 100 200 metres 400

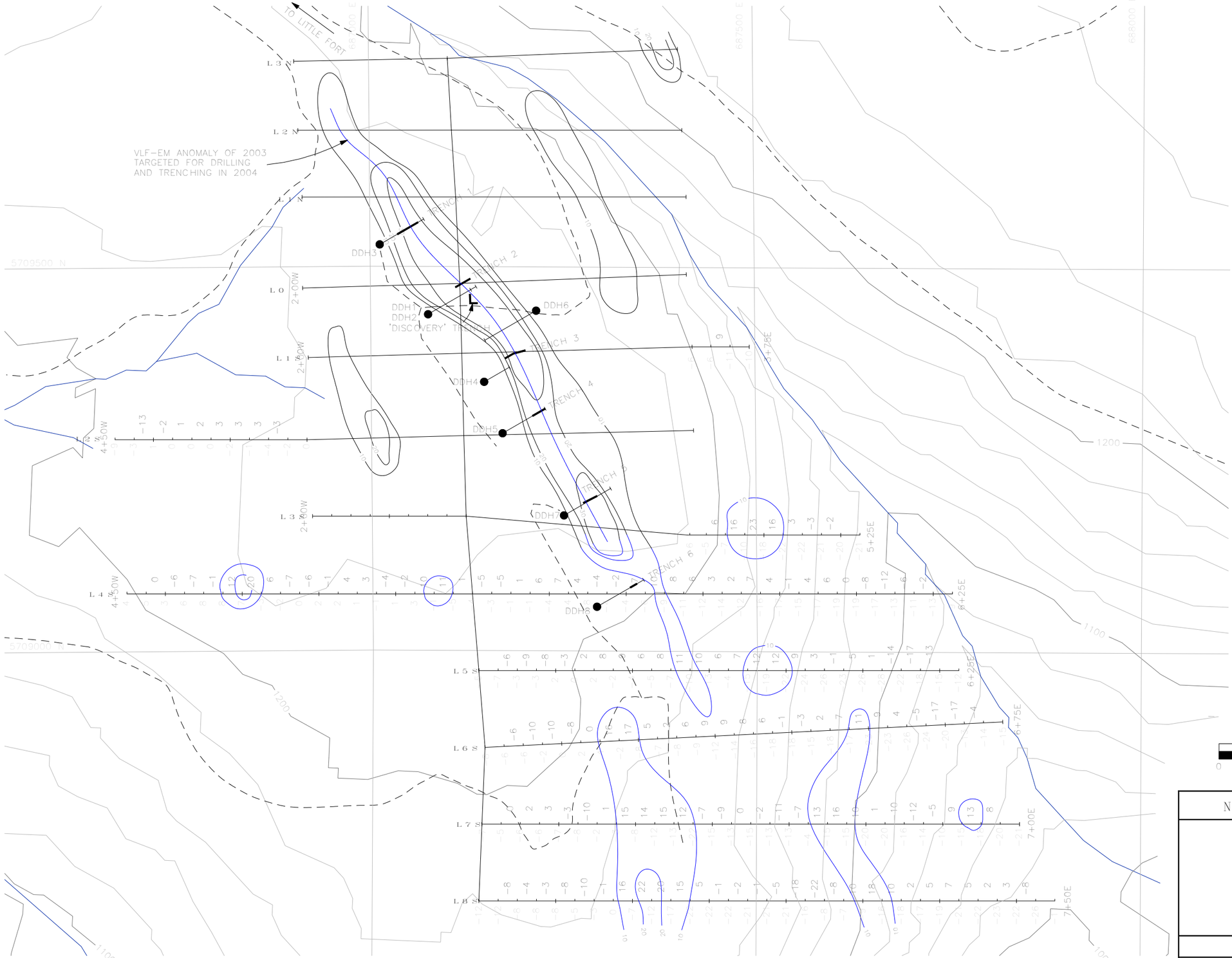
NEW CANTECH VENTURES INC.

CROSS PROPERTY

MAGNETOMETER SURVEY

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 8



True North
Grid North (UTM)

2.15°

N

LEGEND

- 1200 — Elevation Above Sea Level (metres)
- Creek
- Road
- Sampling Line (2003 Work)
- Fraser Filter Sampling Line (2004 Work) In-Phase Dip Angle
- Diamond Drill Hole Site & Horizontal Projection
- Trench

SURVEY VALUES CONTOURED AT
10, 20, 30 UNITS.

NOTE: DATA RESULTS COLLECTED IN 2004 ARE CONTOURED WITH A BLUE LINE. PREVIOUS YEAR'S DATA ARE NOT PLOTTED BUT CONTOURED RESULTS ARE SHOWN WITH A BLACK LINE. THIS IS TO PROVIDE CONTEXT AND CONTINUITY.
SEE APPENDIX I FOR 2004 FIELD DATA.

Scale: 1:5,000

0 100 200 metres 400

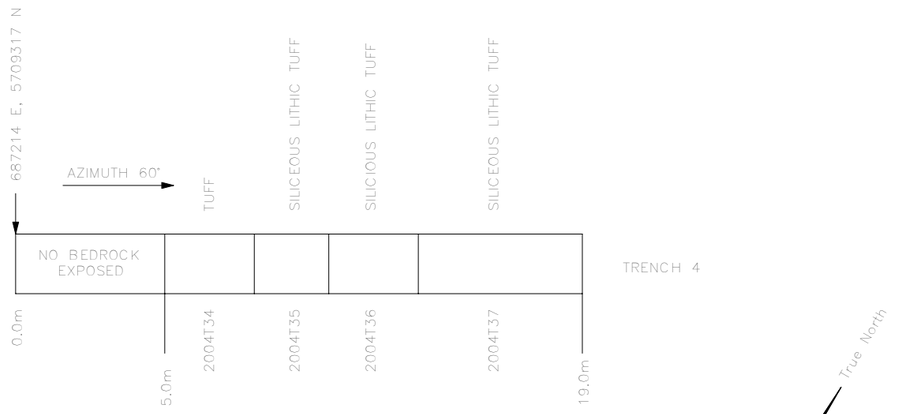
NEW CANTECH VENTURES INC.

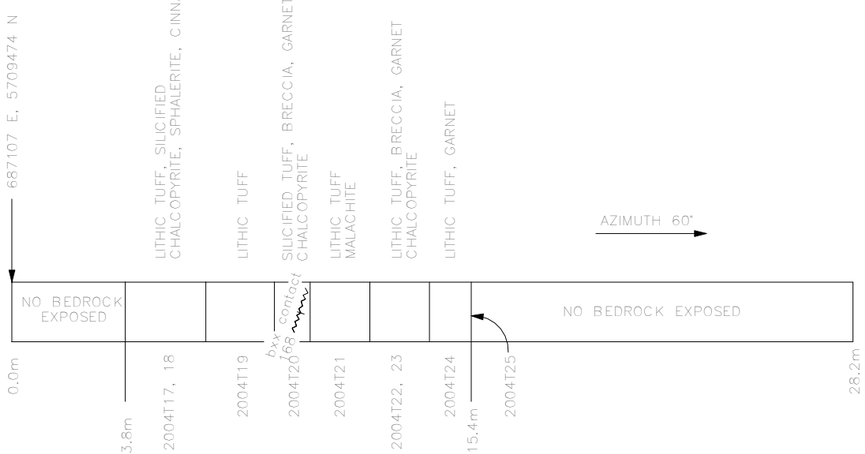
CROSS PROPERTY

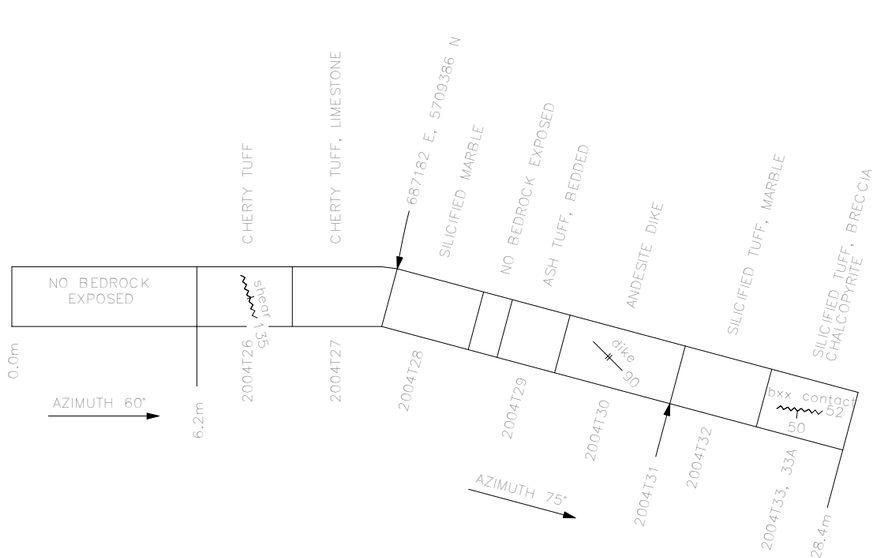
VLF-EM SURVEY

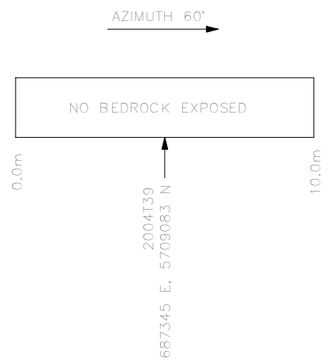
Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 9





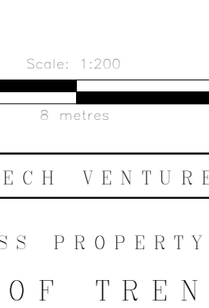




NOTE:

FOR LENGTHS AND DESCRIPTIONS OF SAMPLES SEE APPENDIX C – ROCK SAMPLE DESCRIPTIONS

FOR GEOCHEMICAL RESULTS SEE APPENDIX A – ANALYTICAL DATA



Scale: 1:200

0 4 8 metres 16

NEW CANTECH VENTURES INC.

CROSS PROPERTY

PLANS OF TRENCHES

GEOLOGY and SAMPLE LCATIONS

Kamloops Mining Division, B.C.

	Date: Oct. 20, 2004
Drawn by: RT	Fig.No. 10

11.2 VLF-EM Survey

VLF-EM data was collected with a Geonics EM16. The data are found in Appendix I.
The Seattle transmitting station was used. Readings were taken facing east, same as in the previous year's VLF-EM survey. The dip angle readings were fraser filtered using the formula (a+b)-(c+d) calculated from west to east.

Classic 'crossover' type VLF-EM anomalies occur on Lines 0 and 1S in the previous year's data, indicating a particularly good conductor here. South of Line 1S, to Line 5S, the anomaly dip angles do not perform a 'crossover', though the fraser filtered result still shows a strong anomaly. This southern part of the anomaly is likely due to lithologies of different resistivities either side of a fault zone. This year's diamond drilling work discovered the existence of a shear zone associated with the VLF-EM anomaly. The northern area of the anomaly is characterized by limestones on the east side of the fault and volcanics on the west side. In the south rocks are andesitic on both sides of the fault.

This year's VLF-EM survey was conducted mainly south of last year's work area. 2003's VLF-EM anomaly was extended 200 metres southward, over Lines 4S and 5S.
The apparent weakness of this year's fraser filtered anomaly is due to a more gradual transition of the dip angles across the fault zone in the area of this year's work. This suggests lithologies either side of this fault have more similar resistivities in the southern area than in the north, say, north of Line 4S.
Other VLF-EM results indicate an anomaly crossing Lines 6S, 7S and 8S 100 metres westward, not in line with the main anomaly of Lines 2N to 5S.

12.0 TRENCHING PROGRAM

Six trenches were excavated across the trend of the 2003 VLF-EM anomaly. The machine used was an Hitachi EX270 backhoe. Overburden consisted of till containing a high proportion of rocks and boulders in a hard concrete-like matrix. Till depth increased southward, being approximately 3.0 metres in Trench 1 to the north, and over 5.0 metres in Trench 6 to the south.

Trenches 1 and 2, near DDH's 1 and 3, encountered pyrrhotite, pyrite and chalcopyrite showings in quartz vein breccias associated with shears. Minor sphalerite and cinnabar were also identified in Trench 2.
In Trench 3, near DDH 4, Sample No. 2004T26, over 2.0m, assayed 302 g/t (8.81 oz/t) Ag. This sample contained minor quartz veining and no significant visible alteration, skarn or

mineralization. It was a siliceous ash tuff characterized by numerous chloritic hairline fractures, the most common rock in the area. The high Ag result is difficult to explain other than by the quartz veining. It may be related to non-skarn mineralization. Very minor chalcopyrite occurred in the trench. Other rocks in the trench included limestone.

Trench 4, near DDH 5, exposed tuffs typical of the area. Deep till overburden allowed only spotty exposure of bedrock.

Trench 5, near DDH 7, encountered only about 3.0 metres of bedrock. Trench 6, near DDH 8, encountered no bedrock in deep till overburden.

13.0 DIAMOND DRILLING PROGRAM

The target of this year's diamond drilling was a NW-SE oriented 500 metre long VLF-EM anomaly of 2003's assessment program. The drill logs are found in Appendix J.

Drill hole setups were parallel with the VLF-EM anomaly approximately 60 metres off, at about 100 metre intervals. Most of the diamond drilling program was conducted on the west side of the anomaly, due to 1999's 'discovery trench' indicating skarn mineralization occurring on the west side.

7 holes were set up on the west side of the anomaly and drilled eastward. 1 hole was set up on the east side and drilled westward.

13.1 Drill Holes 1,2,3 and 6

DDH's 1,2,3 and 6 penetrated ash tuffs in their upper parts and limy siltstones or dirty limestones within a wide shear zone in their lower parts. Andesite dikes were common.

These holes encountered skarn mineralization characterized by wollastonite and garnet over core lengths up to approximately 100 metres, and zones of higher sulphide amount (variable up to approximately 5%) over core lengths of about 20 metres. Massive sulphide lenses up to 1.0 metre occurred in an 8 to 10 metre garnetite zone. The sulphides consisted mainly of pyrrhotite with lesser pyrite and chalcopyrite.

The bottoms of the holes encountered a major shear (fault) zone up to 40 metres wide. This shear zone is considered to account for the targeted VLF-EM anomaly discovered in 2003.

The 1.0 metre skarn related massive sulphide in DDH 1 was encountered earlier than expected to explain the VLF-EM conductor. In DDH 2 the main skarn mineralization was also encountered too early to explain the VLF-EM anomaly. In DDH 3 a 4.0 metre portion of the shear zone contained approximately 40% pyrite. Sulphide and skarn mineralization is not necessarily confined to the shear zone but can exist in favourable host rocks on either side. The fault is a conduit for transport of hydrothermal fluids and a locus for dikes.

DDH 6, the only hole testing the east side of the anomaly, encountered extensive skarn mineralization from near the top of the hole for approximately 70 metres. In DDH 6 30% sulphides (pyrrhotite) over 0.70 metre occur related to skarn breccia adjacent to a fault, under the location of the VLF-EM conductor.

DDH 1 had 500 ppb Au and 4,039 ppm Cu over 1.79m. This was about 2.0 m outside what was considered the actual skarn zone, defined by gangue. Massive sulphide, mainly pyrrhotite over 1.0 m, had 1.04% Cu. Garnetite (approx. 30% garnet) occurred over 8.0 metres.

DDH 2 had 825 ppb Au over 1.21m within the zone of skarn mineralization.

DDH 3 had Cu over 1,000 ppm occurring in adjacent samples over 4.24m in skarn.
225 ppb Au and 1,054 ppm Cu over 1.51m, and 295 ppb Au and 2,889 ppm Cu over 1.29 m occurred in skarn rock.

DDH 6 had anomalous Au and Cu over approximately 70 metres.
Adjacent samples over 1.98 m had 68.0 g/t (1.98 oz/t) Ag and 32.2 g/t (0.94 oz/t) Ag, the former sample being from the 30% sulphide (pyrrhotite) zone.

13.2 Drill Holes 4,5,7 and 8

DDH's 4,5,7 and 8 penetrated ash and lithic tuffs intruded by diorite and andesite dikes.

DDH 4 was terminated prematurely due to excessive squeezing on rods in highly fractured ground conditions. Patchy skarn gangue consisting of wollastonite, garnet and slightly elevated sulphides were encountered over 26.0 metres. This hole ended in a fault zone.

DDH's 5,7 and 8 encountered mainly pervasive and fracture controlled chloritization related to dike intrusion. DDH 5 encountered weak shear zones with no significant mineralization. Patchy garnet occurred in DDH 7 but no significant skarn mineralization occurred in holes 5,7 and 8.

DDH's 7 and 8 encountered the major shear zone near their bottoms. The shear zone was not significantly mineralized.

13.3 The Fault Zone in DDH's as it Relates to the VLF-EM Anomaly

The shear zones encountered represent a fault coinciding with the VLF-EM anomaly. The fault zone was encountered in all the holes except DDH 4 which was terminated early and in DDH 5 which encountered only weakly sheared rocks in an area where the VLF-EM anomaly was also relatively weak.

This fault zone is most intensively and extensively developed in the northern area of the drill holes, in DDH's 1,2,3 and 6, north and south of 1999's 'discovery trench'. Limy siltstones here are intensely sheared, but due to the plastic nature of their deformation, they tend not to be greatly fractured or brecciated. Adjacent volcanics are intensely brecciated and tend to host skarn mineralization. The massive and 30% sulphide zones related to skarn in DDH's 1 and 6 may partly explain the VLF-EM anomaly in the northern area. The fault zone itself can be highly pyritic here and is the more likely cause of the anomaly considering the lensy nature of the skarn sulphides and the continuity of the fault.

The presence of easily deformed limy siltstones may be important in allowing a more extensive development of shear zones and breccias in the adjacent volcanics. Enhanced plumbing in such breccia zones may allow better and wider development of skarn mineralization. The southern area has no limy siltstones and shearing is more restricted and apparently less intense.

The fault zone in the southern area, in DDH's 5,7 and 8, is not significantly mineralized and is not likely a strong conductor. The VLF-EM anomaly here is interpreted to be caused by lithologies of different resistivities on either side of the fault zone. The fraser filtered EM data here produced an anomaly at the transition across the fault from one lithology to another. The drill holes were too short and confined to the fault area to determine the dominant lithologies on either side of the fault zone.

14.0 CONCLUSIONS / RECOMMENDATIONS

A shear (fault) zone was discovered to coincide with the 500 metre long VLF-EM anomaly delineated in the 2003 survey. This anomaly was extended 200 metres southward in this year's survey. This VLF-EM anomaly is now considered closed southward, but not northward.

The magnetic anomaly between lines L1N and L3S coincides with the VLF-EM anomaly, especially in the northern half. This is useful in mapping the fault zone. The magnetic anomaly is too weak to indicate important magnetic mineralization.

A distinct silver anomaly coincides with the VLF-EM anomaly and shear zone. This is a good locus for exploration for skarn mineralization.

The skarn mineralization discovered in the northern drill holes, DDH's 1,2,3 and 6, is open to the north. 2003's VLF-EM anomaly continues north of the drilling at least to Line 2N, and possibly north, past the west end of Line 3N. This northwest end is occupied by a valley. Geophysical and soil geochemical surveys would be hampered by deeper overburden expected in this valley. A diamond drilling program would be the best way to follow the northwestward extension of the skarn mineralization.

The skarn in DDH 6 on the east side of the fault zone, and the preference of soil anomalies to occur on the east side, requires follow up drilling, northward and southward of DDH 6, eastside of the fault - VLF-EM anomaly.

Specific Recommendations:

- Trenching and diamond drilling to test the northwest extension of 2003's VLF-EM anomaly.
- Trenching and diamond drilling on the east side of the VLF-EM anomaly, north and south from 2004's DDH 6.
- Trenching on the silver anomaly between L4S and L7S.

APPENDIX A
ANALYTICAL DATA

28-May-04

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 2004-335

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 183
Sample type: Soil
Project #: Cross
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	L-0 0+50W	15	0.2	2.56	10	295	<5	0.21	<1	17	23	25	2.81	20	0.49	241	2	0.01	16	990	36	10	<20	17	0.14	<10	8	<10	9	88
2	L-0 0+75W	5	0.3	2.23	25	65	<5	0.51	<1	25	73	82	4.36	20	1.37	653	1	<0.01	37	700	46	15	<20	24	0.10	<10	82	<10	8	140
3	L-0 1+50W	10	1.3	4.64	25	135	<5	0.71	<1	32	96	96	3.98	20	1.12	228	2	0.01	76	540	64	15	<20	34	0.12	<10	72	<10	9	332
4	L-1S 0+50W	5	1.0	2.37	20	100	<5	0.24	<1	21	44	32	3.20	10	0.69	853	<1	0.01	27	1510	40	<5	<20	11	0.09	<10	41	<10	5	244
5	L-1S 0+75W	5	0.6	1.98	15	100	5	0.41	<1	20	55	29	3.39	10	0.84	688	<1	<0.01	29	1570	36	5	<20	18	0.11	<10	47	<10	5	260
6	L-1S 1+00W	10	0.8	2.39	15	90	<5	0.33	<1	22	76	49	4.16	20	1.12	386	<1	<0.01	40	1270	34	<5	<20	19	0.10	<10	72	<10	6	151
7	L-1S 1+50W	10	1.4	2.58	10	70	<5	0.25	<1	21	55	64	3.17	10	0.73	334	<1	0.01	32	1060	38	<5	<20	17	0.11	<10	33	<10	7	162
8	L-1S 3+25E	10	0.8	1.97	10	70	<5	0.25	<1	16	51	33	3.05	10	0.63	278	<1	0.01	25	1370	26	<5	<20	14	0.09	<10	50	<10	5	84
9	L-1S 3+50E	5	0.5	1.92	10	55	<5	0.26	<1	20	64	37	3.64	10	1.03	306	<1	<0.01	33	800	24	<5	<20	15	0.09	<10	59	<10	6	78
10	L-1S 3+75E	5	<0.2	1.98	15	60	<5	0.51	<1	25	79	77	4.14	20	1.30	724	<1	<0.01	41	1190	26	<5	<20	23	0.09	<10	72	<10	7	89
11	L-2S 1+00W	10	0.7	2.46	15	100	<5	0.33	<1	18	45	24	3.19	10	0.51	357	<1	0.01	25	3400	32	<5	<20	19	0.10	<10	32	<10	4	248
12	L-2S 1+25W	5	0.3	2.81	<5	60	<5	0.21	<1	19	51	34	3.06	10	0.58	322	<1	<0.01	32	2070	36	<5	<20	13	0.11	<10	33	<10	5	181
13	L-2S 1+50W	5	<0.2	1.32	<5	40	<5	0.27	<1	14	38	20	2.29	<10	0.47	364	<1	<0.01	19	1080	20	<5	<20	12	0.07	<10	37	<10	3	96
14	L-2S 1+75W	<5	0.2	2.23	5	110	<5	0.31	<1	16	48	23	2.88	10	0.63	344	<1	<0.01	26	2640	30	<5	<20	13	0.09	<10	35	<10	4	145
15	L-2S 2+00W	5	<0.2	2.35	15	70	<5	0.32	<1	24	79	49	4.29	10	1.33	400	<1	<0.01	43	810	28	<5	<20	16	0.10	<10	80	<10	5	128
16	L-2S 2+25W	<5	<0.2	1.90	10	80	<5	0.31	<1	18	41	27	2.71	10	0.53	683	<1	0.01	23	810	26	<5	<20	17	0.09	<10	37	<10	5	108
17	L-2S 2+50W	<5	<0.2	1.66	5	60	<5	0.35	<1	24	37	50	3.20	10	0.80	775	<1	0.01	21	950	26	<5	<20	18	0.12	<10	62	<10	5	136
18	L-2S 2+75W	10	0.3	3.27	10	95	<5	0.33	<1	24	60	57	3.53	10	0.83	521	<1	0.01	38	1040	44	<5	<20	19	0.12	<10	44	<10	6	141
19	L-2S 3+00W	5	0.2	2.17	15	75	<5	0.29	<1	23	89	61	3.90	10	1.16	349	<1	<0.01	46	1250	24	5	<20	19	0.11	<10	61	<10	5	115
20	L-2S 3+25W	5	0.7	3.08	20	70	<5	0.37	<1	21	56	37	2.96	10	0.52	273	1	0.02	40	1100	38	10	<20	18	0.12	<10	21	<10	7	91
21	L-2S 3+50W	5	0.4	1.43	10	270	<5	0.25	<1	16	35	14	2.42	<10	0.27	824	<1	<0.01	13	3860	24	<5	<20	18	0.09	<10	25	<10	4	114
22	L-2S 3+75W	5	0.3	2.20	20	95	<5	0.31	<1	24	76	58	4.13	10	1.32	564	2	0.01	41	1630	26	15	<20	19	0.09	<10	76	<10	5	135
23	L-2S 4+00W	10	0.5	2.33	10	75	<5	0.32	<1	23	74	41	4.22	10	1.12	388	2	<0.01	40	970	30	10	<20	19	0.10	<10	80	<10	5	139
24	L-2S 4+25W	10	0.6	2.62	20	120	<5	0.28	<1	24	82	50	4.48	10	1.04	255	2	<0.01	46	1210	34	5	<20	17	0.12	<10	71	<10	6	133
25	L-2S 4+50W	15	<0.2	2.22	15	50	<5	0.33	<1	29	98	112	4.66	10	1.34	458	4	<0.01	48	220	28	<5	<20	23	0.11	<10	91	<10	6	79
26	L-3S 3+25E	15	<0.2	2.60	25	95	<5	0.54	<1	25	72	80	4.21	10	0.97	342	1	0.01	48	420	46	5	<20	18	0.12	<10	60	<10	6	263
27	L-3S 3+50E	10	0.2	2.09	25	85	<5	0.42	<1	21	64	56	3.81	10	0.95	500	<1	<0.01	39	670	32	<5	<20	17	0.10	<10	64	<10	6	190
28	L-3S 3+75E	5	0.3	2.19	15	55	<5	0.46	<1	23	97	67	4.08	10	1.11	396	3	<0.01	56	810	34	5	<20	20	0.09	<10	73	<10	7	118
29	L-3S 4+00E	25	0.3	2.71	15	125	5	0.41	<1	23	86	60	3.83	10	0.93	502	3	0.01	52	1130	34	<5	<20	24	0.11	<10	57	<10	6	114
30	L-3S 4+25E	10	0.3	1.86	10	75	5	0.30	<1	17	57	30	2.85	<10	0.61	392	1	0.01	34	1030	28	5	<20	13	0.09	<10	41	<10	4	96
31	L-3S 4+50E	20	0.2	2.08	15	80	<5	0.49	<1	21	80	52	3.98	10	0.97	419	<1	<0.01	40	1940	26	<5	<20	21	0.04	<10	74	<10	4	86
32	L-3S 4+75E	5	0.3	2.40	15	90	<5	0.56	<1	22	77	26	3.85	10	0.66	354	2	0.01	42	2850	30	<5	<20	22	0.08	<10	66	<10	5	122
33	L-3S 5+00E	5	0.2	1.52	5	60	<5	0.33	<1	15	55	25	2.24	<10	0.32	421	3	0.01	32	1410	24	<5	<20	15	0.09	<10	26	<10	5	94
34	L-3S 5+25E	5	<0.2	1.85	15	115	<5	0.40	<1	20	93	30	3.56	<10	0.79	416	3	<0.01	51	2150	24	<5	<20	27	0.07	<10	64	<10	4	124
35	L-4S 0+25W	5	1.0	3.21	15	55	5	0.46	<1	25	67	27	3.47	<10	0.38	290	5	0.01	40	3110	50	<5	<20	18	0.15	<10	27	<10	5	158

Et #.	Tag #	(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
36	L-4S 0+50W	10	0.4	2.26	10	70	<5	0.43	<1	27	71	76	3.81	<10	0.90	323	2	0.01	46	1140	34	<5	<20	17	0.15	<10	52	<10	6	206
37	L-4S 0+75W	5	0.4	2.62	10	75	5	0.17	<1	15	36	23	2.94	<10	0.26	237	2	0.01	15	4660	38	<5	<20	11	0.17	<10	10	<10	5	131
38	L-4S 1+00W	5	0.3	2.43	15	75	<5	0.23	<1	18	66	23	3.09	10	0.59	165	2	<0.01	35	940	30	<5	<20	14	0.13	<10	34	<10	5	137
39	L-4S 1+25W	10	0.3	2.99	10	50	5	0.23	<1	17	45	23	3.01	<10	0.21	485	1	0.01	22	2150	40	<5	<20	11	0.10	<10	20	<10	6	68
40	L-4S 1+50W	95	0.4	2.56	10	60	<5	0.37	<1	20	57	34	3.41	<10	0.49	293	1	0.01	34	2590	32	<5	<20	19	0.07	<10	42	<10	4	176
41	L-4S 1+75W	15	0.3	1.56	5	70	<5	0.41	<1	18	50	31	2.85	<10	0.70	732	2	0.01	28	910	20	<5	<20	23	0.09	<10	46	<10	4	146
42	L-4S 2+00W	5	0.7	2.54	15	90	<5	0.40	<1	20	58	26	2.85	<10	0.49	452	3	0.02	42	2410	34	<5	<20	21	0.11	<10	28	<10	4	173
43	L-4S 2+25W	10	0.8	2.29	35	100	5	0.23	<1	26	52	70	4.53	10	0.79	517	2	0.01	37	1280	32	10	<20	13	0.08	<10	45	<10	5	190
44	L-4S 2+50W	10	0.4	2.74	10	90	<5	0.45	<1	24	51	70	3.09	10	0.61	262	2	0.02	40	730	42	<5	<20	30	0.11	<10	28	<10	7	305
45	L-4S 2+75W	5	0.5	2.28	20	105	<5	0.38	<1	24	62	54	3.37	10	0.78	459	4	0.01	48	600	30	10	<20	27	0.13	<10	48	<10	6	218
46	L-4S 3+00W	15	0.3	2.34	15	70	<5	0.44	<1	29	77	91	4.37	10	1.33	446	3	0.01	44	430	30	5	<20	31	0.17	<10	74	<10	6	120
47	L-4S 3+25W	140	<0.2	2.19	10	70	<5	0.48	<1	27	96	96	4.35	10	1.46	629	4	0.01	53	550	26	<5	<20	31	0.13	<10	68	<10	7	110
48	L-4S 3+50W	15	0.2	2.50	10	90	<5	0.30	<1	25	89	62	3.95	10	0.90	404	3	0.01	48	1590	30	<5	<20	19	0.12	<10	56	<10	5	157
49	L-4S 3+75W	10	0.2	1.75	<5	60	<5	0.53	<1	20	90	40	3.19	10	0.87	478	3	0.01	44	320	22	<5	<20	26	0.13	<10	52	<10	5	99
50	L-4S 4+00W	35	0.2	2.11	10	90	<5	0.42	<1	45	74	51	3.69	10	0.71	282	2	0.01	43	1010	30	<5	<20	25	0.13	<10	45	<10	4	117
51	L-4S 4+25W	10	<0.2	2.33	10	85	<5	0.38	<1	24	86	45	3.60	10	1.01	377	4	0.01	51	890	26	<5	<20	20	0.12	<10	57	<10	6	128
52	L-4S 4+50W	15	<0.2	1.96	5	85	<5	0.31	<1	22	76	44	3.54	10	0.86	278	1	<0.01	39	750	24	<5	<20	21	0.13	<10	52	<10	5	107
53	L-4S 0+00	10	<0.2	2.46	5	80	<5	0.58	<1	25	79	61	3.69	<10	1.06	521	3	0.01	49	650	38	5	<20	26	0.13	<10	67	<10	6	205
54	L-4S 0+25E	20	0.4	2.42	15	70	<5	0.55	<1	27	93	74	4.63	10	1.39	625	4	0.01	50	1080	34	5	<20	29	0.13	<10	85	<10	5	144
55	L-4S 0+50E	20	0.5	2.11	15	55	<5	0.43	<1	27	107	83	3.95	10	0.97	407	6	0.01	61	660	34	5	<20	20	0.13	<10	56	<10	6	198
56	L-4S 0+75E	30	0.8	2.54	20	65	<5	0.67	<1	30	108	151	5.43	10	1.48	632	5	0.01	60	860	36	<5	<20	29	0.12	<10	93	<10	6	182
57	L-4S 1+00E	15	0.5	2.24	15	70	<5	0.67	<1	25	137	68	4.64	20	1.44	480	4	0.01	67	520	40	<5	<20	24	0.13	<10	71	<10	7	141
58	L-4S 1+25E	20	0.8	2.67	10	120	5	0.62	<1	26	66	74	3.61	10	0.62	574	3	0.01	49	620	56	<5	<20	20	0.13	<10	32	<10	6	594
59	L-4S 1+50E	50	1.4	2.28	30	95	<5	0.69	<1	30	78	132	4.54	10	0.87	411	4	0.01	48	380	72	5	<20	23	0.15	<10	42	<10	7	546
60	L-4S 1+75E	10	1.0	1.94	20	85	<5	0.63	<1	21	59	29	3.38	<10	0.66	425	2	0.01	36	690	44	<5	<20	17	0.11	<10	46	<10	4	283
61	L-4S 2+00E	25	0.7	2.31	20	50	<5	0.61	<1	24	87	80	4.69	10	1.18	503	5	<0.01	51	430	50	<5	<20	19	0.12	<10	70	<10	6	208
62	L-4S 2+25E	30	0.7	2.16	30	35	<5	0.63	<1	23	74	78	5.00	10	1.22	519	2	<0.01	43	440	114	<5	<20	18	0.12	<10	69	<10	7	416
63	L-4S 2+50E	45	0.4	1.92	25	70	<5	1.44	<1	21	56	96	4.39	10	0.89	574	<1	<0.01	30	300	60	<5	<20	14	0.12	<10	36	<10	5	417
64	L-4S 2+75E	10	0.4	2.04	15	45	5	0.88	<1	18	66	48	3.60	<10	1.01	419	1	0.01	39	200	72	<5	<20	17	0.15	<10	30	<10	8	312
65	L-4S 3+00E	10	0.2	2.38	15	95	<5	0.69	<1	19	69	40	3.09	<10	0.66	364	3	0.01	47	390	50	<5	<20	9	0.13	<10	21	<10	6	257
66	L-4S 3+25E	80	0.3	2.94	15	120	5	0.64	<1	14	60	26	2.53	<10	0.40	266	5	0.02	47	720	72	<5	<20	17	0.12	<10	2	<10	8	466
67	L-4S 3+50E	70	0.2	2.03	25	65	<5	0.76	<1	26	71	128	4.31	20	0.92	572	2	0.01	48	340	56	<5	<20	15	0.12	<10	49	<10	17	339
68	L-4S 3+75E	25	0.8	1.98	25	90	<5	3.69	<1	22	59	140	4.02	20	1.07	1024	<1	<0.01	44	1120	54	<5	<20	2	0.06	<10	51	<10	20	178
69	L-4S 4+00E	15	0.5	2.00	15	65	<5	0.64	<1	22	72	82	3.89	20	1.00	465	1	0.01	40	630	48	<5	<20	18	0.14	<10	52	<10	10	158
70	L-4S 4+25E	15	0.4	1.72	15	45	<5	0.61	<1	19	66	53	3.50	10	0.86	507	2	<0.01	36	550	50	<5	<20	19	0.13	<10	38	<10	7	157
71	L-4S 4+50E	15	0.2	2.19	15	65	<5	0.39	<1	36	50	54	4.10	10	1.03	399	2	0.02	44	950	38	5	<20	17	0.10	<10	57	<10	7	165
72	L-4S 4+75E	20	0.2	1.49	<5	125	<5	1.67	<1	20	7	432	2.32	<10	1.67	244	<1	0.07	7	820	16	<5	<20	24	0.13	<10	85	<10	6	21
73	L-4S 5+00E	10	0.2	1.84	<5	235	<5	2.18	<1	59	118	856	5.32	10	7.08	527	1	0.11	95	640	14	<5	<20	60	0.04	<10	71	<10	3	44
74	L-4S 5+25E	15	0.2	2.31	10	90	<5	0.41	<1	36	52	45	3.81	10	0.75	670	2	0.02	47	2370	38	10	<20	23	0.11	<10	41	<10	5	191
75	L-4S 5+50E	125	1.5	2.48	15	95	<5	0.78	<1	26	47	190	2.74	20	0.43	665	2	0.04	43	430	44	5	<20	36	0.10	<10	14	<10	21	113
76	L-4S 5+75E	5	0.6	2.40	10	115	<5	0.65	<1	39	59	79	4.04	20	0.95	771	2	0.02	53	410	42	10	<20	31	0.13	<10	49	<10	11	107
77	L-4S 6+00E	5	0.3	2.13	10	70	<5	0.30	<1	41	76	49	4.38	10	0.89	387	3	0.01	69	2020	34	10	<20	19	0.10	<10	72	<10	5	122
78	L-5S 0+00	20	0.4	3.54	<5	50	10	0.22	<1	38	67	36	3.17	<10	0.46	342	3	0.02	61	3960	52	<5	<20	10	0.14	<10	<1	<10	5	149
79	L-5S 0+25E	15	0.3	1.83	5	80	<5	0.32	<1	33	50	38	2.41	<10	0.28	952	2	0.02	46	2130	34	5	<20	18	0.10	<10	11	<10	4	199
80	L-5S 0+50E	125	0.3	2.15	<5	85	<5	0.57	<1	33	43	39	2.82	<10	0.44	838	2	0.02	39	1290	40	<5	<20	20	0.12	<10	17	<10	5	214

Et #.	Tag #	(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
81	L-5S 0+75E	10	0.2	2.17	15	65	5	0.53	<1	34	43	36	3.54	10	0.78	503	2	0.02	38	1020	38	10	<20	21	0.11	<10	48	<10	5	202
82	L-5S 1+00E	15	<0.2	2.01	<5	55	<5	0.68	<1	44	67	90	4.96	10	1.26	673	2	0.01	59	1080	36	<5	<20	25	0.12	<10	64	<10	5	149
83	L-5S 1+25E	10	0.9	2.64	10	65	<5	0.40	<1	33	49	34	2.73	<10	0.25	762	2	0.02	45	2220	48	<5	<20	13	0.13	<10	<1	<10	6	209
84	L-5S 1+50E	20	0.7	1.81	10	55	<5	0.26	<1	31	51	27	2.87	<10	0.31	394	2	0.02	47	1240	38	10	<20	7	0.11	<10	22	<10	4	213
85	L-5S 1+75E	<5	1.2	3.04	10	95	5	0.64	<1	35	42	64	3.80	<10	0.48	341	2	0.02	39	880	100	<5	<20	4	0.13	<10	10	<10	7	405
86	L-5S 2+00E	5	0.8	2.47	20	80	<5	0.39	<1	41	49	71	4.25	10	0.67	542	2	0.02	44	2160	48	<5	<20	18	0.12	<10	33	<10	5	404
87	L-5S 2+25E	135	0.9	2.47	40	85	<5	0.56	<1	40	46	58	4.92	20	1.05	601	2	0.02	40	790	110	5	<20	11	0.10	<10	53	<10	8	687
88	L-5S 2+50E	10	0.5	1.97	25	60	<5	0.47	<1	35	56	49	4.11	10	0.80	455	2	0.01	50	580	72	5	<20	13	0.10	<10	47	<10	5	399
89	L-5S 2+75E	5	2.2	3.02	40	110	<5	0.67	2	32	51	73	2.90	10	0.38	1173	2	0.02	48	940	88	<5	<20	17	0.13	<10	<1	<10	10	853
90	L-5S 3+00E	5	1.4	4.64	55	75	5	0.41	<1	30	34	33	2.77	10	0.18	732	1	0.02	31	2810	90	<5	<20	10	0.16	<10	<1	<10	8	467
91	L-5S 3+25E	10	0.5	1.73	25	65	<5	0.84	1	39	61	39	3.53	10	0.47	883	2	0.02	56	1660	90	15	<20	22	0.09	<10	27	<10	5	744
92	L-5S 3+50E	5	0.4	2.33	25	80	<5	0.41	<1	40	66	46	4.07	10	0.66	631	3	0.02	61	1400	96	<5	<20	8	0.11	<10	35	<10	5	480
93	L-5S 3+75E	20	0.3	2.06	10	95	<5	0.76	<1	26	45	28	3.09	10	0.52	898	2	0.02	41	480	82	<5	<20	19	0.09	<10	16	<10	6	389
94	L-5S 4+00E	10	0.2	1.96	10	80	<5	0.44	<1	33	58	31	3.14	<10	0.55	447	2	0.02	53	440	48	<5	<20	12	0.10	<10	28	<10	5	219
95	L-5S 4+25E	5	0.5	3.26	30	75	<5	0.42	<1	38	66	26	3.74	10	0.43	624	3	0.02	60	2810	68	15	<20	15	0.13	<10	20	<10	8	315
96	L-5S 4+50E	25	0.4	1.75	10	55	<5	0.49	<1	36	63	40	3.60	10	0.86	449	2	0.02	56	500	38	5	<20	13	0.10	<10	47	<10	6	135
97	L-5S 4+75E	15	0.5	1.65	25	90	<5	0.55	<1	35	57	64	3.47	10	0.67	831	2	0.03	50	1020	46	15	<20	19	0.11	<10	49	<10	7	238
98	L-5S 5+00E	15	<0.2	2.02	15	85	<5	0.51	<1	40	67	41	3.95	10	0.86	579	3	0.02	60	990	38	5	<20	21	0.12	<10	50	<10	6	164
99	L-5S 5+25E	20	0.2	1.65	5	45	<5	0.41	<1	34	64	43	3.61	10	0.94	384	2	0.01	56	450	30	5	<20	14	0.12	<10	56	<10	6	102
100	L-5S 5+50E	20	0.3	2.06	10	85	<5	0.42	<1	37	65	44	3.45	10	0.73	423	2	0.02	58	920	36	5	<20	21	0.11	<10	44	<10	5	118
101	L-5S 5+75E	10	0.2	1.77	10	95	<5	0.43	<1	40	66	48	3.83	10	0.88	674	2	0.02	59	1590	32	10	<20	22	0.10	<10	63	<10	6	123
102	L-5S 6+00E	60	0.2	2.22	5	80	<5	0.31	<1	41	69	44	4.10	10	1.01	454	2	0.01	61	1760	34	<5	<20	18	0.10	<10	61	<10	5	190
103	L-5S 6+25E	10	0.2	2.42	5	50	<5	0.31	<1	40	64	63	4.09	10	0.82	337	2	0.02	57	860	38	<5	<20	14	0.12	<10	57	<10	6	173
104	L-7S 0+00	10	0.8	2.12	10	95	5	0.27	<1	39	63	41	3.81	10	0.40	609	3	0.02	57	2730	42	10	<20	17	0.14	<10	24	<10	6	140
105	L-7S 0+25E	10	0.3	2.12	5	60	<5	0.42	<1	28	19	45	3.75	10	1.03	391	1	0.02	15	700	36	<5	<20	17	0.12	<10	62	<10	6	116
106	L-7S 0+50E	5	<0.2	2.16	10	50	<5	0.42	<1	46	83	71	4.74	20	1.34	473	3	0.02	73	360	32	10	<20	22	0.16	<10	71	<10	9	111
107	L-7S 0+75E	10	0.2	2.24	5	35	<5	0.53	<1	46	73	90	5.10	10	1.54	576	3	0.02	64	600	36	<5	<20	23	0.15	<10	84	<10	8	119
108	L-7S 1+00E	15	0.4	2.42	<5	80	10	0.39	<1	45	74	58	4.32	10	1.10	544	3	0.02	66	850	44	<5	<20	23	0.15	<10	49	<10	7	256
109	L-7S 1+25E	10	0.3	2.28	<5	75	10	0.50	<1	44	66	55	4.27	10	1.07	698	2	0.02	59	1290	42	<5	<20	25	0.14	<10	52	<10	5	278
110	L-7S 1+50E	15	<0.2	1.71	10	85	<5	0.44	<1	39	63	71	4.00	20	0.96	546	2	0.02	57	850	24	5	<20	26	0.14	<10	43	<10	7	107
111	L-7S 1+75E	10	0.4	2.48	15	85	<5	0.37	<1	40	52	58	4.18	10	0.78	626	2	0.02	46	1830	52	<5	<20	14	0.12	<10	49	<10	7	362
112	L-7S 2+00E	10	0.6	2.24	40	90	<5	0.71	1	42	73	45	2.91	<10	0.30	582	3	0.02	67	3720	190	<5	<20	20	0.10	<10	10	<10	5	332
113	L-7S 2+25E	20	0.8	2.43	20	90	<5	1.05	<1	47	62	158	5.18	20	1.13	932	2	0.02	54	480	72	5	<20	28	0.14	<10	53	<10	11	247
114	L-7S 2+50E	15	0.7	1.80	20	65	<5	0.51	<1	38	58	58	3.89	10	0.82	789	2	0.02	52	820	48	10	<20	17	0.12	<10	42	<10	6	279
115	L-7S 2+75E	35	1.4	2.47	30	80	5	0.53	<1	46	61	64	4.61	10	0.76	679	2	0.02	55	950	112	5	<20	19	0.13	<10	34	<10	7	718
116	L-7S 3+00E	20	0.4	1.91	20	45	<5	0.56	<1	35	54	44	4.02	10	0.98	517	2	0.01	48	450	54	15	<20	16	0.13	<10	44	<10	6	309
117	L-7S 3+25E	65	0.3	2.08	25	20	<5	0.52	<1	25	9	66	4.90	10	1.36	540	<1	0.01	6	500	64	15	<20	17	0.10	<10	64	<10	7	268
118	L-7S 3+50E	20	<0.2	1.97	10	30	<5	0.50	<1	26	19	82	4.54	10	1.28	486	<1	0.01	15	530	44	<5	<20	19	0.10	<10	73	<10	7	132
119	L-7S 3+75E	10	0.5	1.71	10	70	<5	0.51	2	35	77	64	2.40	<10	0.26	716	3	0.02	73	630	44	10	<20	15	0.10	<10	14	<10	9	463
120	L-7S 4+00E	30	0.5	2.50	20	80	10	0.40	1	28	21	62	3.62	10	0.39	735	1	0.02	19	2240	160	5	<20	21	0.10	<10	25	<10	8	941
121	L-7S 4+25E	315	0.3	1.71	15	55	5	0.54	<1	22	16	48	3.33	10	0.69	347	<1	0.02	14	680	50	<5	<20	16	0.09	<10	31	<10	6	376
122	L-7S 4+50E	15	0.3	2.15	<5	85	5	0.32	<1	32	35	44	3.72	20	0.74	409	1	0.02	31	1170	76	<5	<20	16	0.11	<10	36	<10	6	330
123	L-7S 4+75E	10	1.2	1.66	5	80	<5	0.56	<1	16	21	22	2.59	<10	0.35	527	1	0.02	18	910	90	<5	<20	19	0.06	<10	33	<10	5	315
124	L-7S 5+00E	10	0.7	2.68	55	175	<5	0.52	1	27	33	31	3.93	10	0.49	351	1	0.02	31	1390	116	5	<20	17	0.11	<10	25	<10	5	1174
125	L-7S 5+25E	5	0.3	2.79	20	100	<5	0.96	<1	26	31	36	4.28	30	0.94	840	1	0.02	28	710	84	5	<20	10	0.07	<10	50	<10	31	463

Et #.	Tag #	(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
126	L-7S 5+50E	10	0.4	2.47	30	120	<5	0.65	<1	22	30	55	4.53	30	0.53	632	1	0.01	26	850	118	10	<20	16	0.03	<10	55	<10	17	411
127	L-7S 5+75E	20	0.4	2.66	30	130	5	0.38	<1	38	58	35	4.32	10	0.86	536	2	0.02	52	2120	48	10	<20	28	0.10	<10	58	<10	6	323
128	L-7S 6+00E	10	0.2	2.28	10	95	5	0.34	<1	37	63	58	5.04	20	1.17	432	2	0.02	53	700	34	<5	<20	14	0.06	<10	86	<10	6	188
129	L-7S 6+25E	5	0.7	2.27	10	115	<5	0.34	<1	36	71	30	3.13	10	0.49	605	3	0.02	64	1940	44	10	<20	17	0.11	<10	22	<10	6	311
130	L-7S 6+50E	25	1.2	0.62	10	30	<5	8.84	9	27	57	79	1.94	<10	0.44	501	2	0.02	54	750	42	<5	<20	<1	0.02	<10	24	<10	16	360
131	L-7S 6+75E	25	0.4	1.85	5	45	<5	0.51	<1	37	58	62	4.01	10	0.99	465	2	0.02	51	750	40	10	<20	17	0.11	<10	63	<10	6	225
132	L-7S 7+00E	15	0.2	1.71	<5	40	10	0.44	<1	37	57	44	3.67	<10	0.84	591	2	0.02	51	730	36	<5	<20	12	0.13	<10	54	<10	7	131
133	L-8S 0+00	15	<0.2	2.47	15	45	<5	0.42	<1	37	21	103	5.00	10	1.49	615	1	0.02	17	530	46	15	<20	20	0.14	<10	84	<10	7	120
134	L-8S 0+25E	5	0.3	3.43	<5	65	5	0.39	<1	35	62	31	3.33	<10	0.30	176	2	0.02	57	2770	56	<5	<20	13	0.17	<10	16	<10	5	172
135	L-8S 0+50E	20	0.6	2.47	10	100	<5	0.40	<1	51	65	101	5.16	10	1.14	871	2	0.02	58	1940	44	<5	<20	21	0.13	<10	81	<10	6	306
136	L-8S 0+75E	20	0.4	2.36	10	70	<5	0.57	<1	39	54	72	4.06	10	1.03	620	2	0.02	49	1550	38	15	<20	25	0.11	<10	57	<10	6	158
137	L-8S 1+00E	25	0.3	2.61	15	80	5	0.51	<1	42	59	66	4.75	10	1.34	572	2	0.02	52	910	42	25	<20	21	0.13	<10	77	<10	7	160
138	L-8S 1+25E	120	0.3	2.25	<5	40	5	0.60	<1	41	56	76	4.98	10	1.54	636	2	0.02	48	520	36	<5	<20	27	0.16	<10	74	<10	8	108
139	L-8S 1+50E	10	0.6	2.45	5	80	<5	0.23	<1	33	44	34	3.09	<10	0.44	566	2	0.02	41	1940	42	10	<20	14	0.14	<10	16	<10	6	211
140	L-8S 1+75E	45	0.5	2.66	<5	50	<5	0.50	<1	52	40	248	6.05	10	1.72	744	1	0.02	33	800	44	<5	<20	23	0.15	<10	100	<10	7	191
141	L-8S 2+00E	10	0.2	1.06	<5	60	<5	0.26	<1	23	34	16	1.96	<10	0.16	669	1	0.02	31	1820	26	<5	<20	13	0.08	<10	18	<10	4	100
142	L-8S 2+25E	30	<0.2	2.12	<5	40	10	0.52	<1	42	71	58	4.88	10	1.49	608	3	0.01	61	550	40	<5	<20	22	0.12	<10	73	<10	7	105
143	L-8S 2+50E	10	<0.2	2.11	15	50	5	0.57	<1	43	75	60	4.76	10	1.40	693	3	0.01	65	590	38	15	<20	19	0.12	<10	70	<10	7	141
144	L-8S 2+75E	15	0.2	2.16	<5	115	<5	0.57	<1	44	65	60	4.20	<10	1.02	1389	2	0.02	58	1760	36	<5	<20	26	0.11	<10	54	<10	4	178
145	L-8S 3+00E	25	0.4	1.78	10	70	5	0.65	<1	31	48	21	3.34	<10	0.66	699	2	0.02	43	850	52	10	<20	8	0.10	<10	37	<10	5	283
146	L-8S 3+25E	15	0.8	2.35	15	105	5	0.34	<1	37	59	29	3.94	10	0.52	657	2	0.02	54	2930	68	5	<20	13	0.13	<10	24	<10	6	397
147	L-8S 3+50E	10	0.3	1.60	<5	75	<5	0.52	<1	31	55	27	3.03	<10	0.58	832	2	0.02	50	1350	42	<5	<20	21	0.09	<10	29	<10	5	288
148	L-8S 3+75E	5	<0.2	1.54	<5	70	<5	0.41	<1	31	54	20	2.54	<10	0.46	787	2	0.02	50	1220	40	5	<20	17	0.10	<10	23	<10	4	293
149	L-8S 4+00E	5	0.5	1.96	5	80	<5	0.47	<1	28	44	24	2.32	<10	0.34	391	2	0.02	42	2710	64	<5	<20	20	0.10	<10	5	<10	5	529
150	L-8S 4+25E	5	0.4	2.16	10	85	<5	0.38	<1	38	69	47	3.82	10	0.86	568	3	0.02	63	900	70	<5	<20	22	0.10	<10	34	<10	6	394
151	L-8S 4+50E	20	0.2	1.94	<5	45	<5	0.47	<1	32	57	46	4.26	10	0.97	524	2	0.01	51	530	54	10	<20	13	0.06	<10	52	<10	7	257
152	L-8S 4+75E	10	0.4	1.63	<5	100	<5	0.48	<1	31	54	36	2.55	10	0.32	642	2	0.02	50	1390	42	<5	<20	22	0.08	<10	7	<10	8	338
153	L-8S 5+00E	10	1.1	2.00	5	110	10	0.60	<1	30	55	41	3.11	10	0.66	851	2	0.02	49	860	58	5	<20	14	0.09	<10	26	<10	11	374
154	L-8S 5+25E	30	2.9	2.13	5	75	<5	2.21	<1	40	68	104	4.71	20	0.96	1091	2	0.02	61	740	84	<5	<20	13	0.08	<10	56	<10	24	321
155	L-8S 5+50E	25	0.2	2.12	10	75	5	0.50	<1	31	52	36	3.49	10	0.86	545	2	0.02	47	820	52	<5	<20	19	0.10	<10	40	<10	6	291
156	L-8S 5+75E	10	0.9	2.04	10	100	<5	0.94	2	37	57	218	3.93	20	0.71	1549	2	0.02	52	280	68	<5	<20	24	0.11	<10	30	<10	19	399
157	L-8S 6+00E	50	0.5	2.80	10	85	<5	0.59	<1	33	45	39	4.87	20	1.26	550	2	0.02	40	570	70	<5	<20	22	0.15	<10	61	<10	10	485
158	L-8S 6+25E	25	0.4	1.92	<5	70	<5	0.41	<1	36	62	63	4.39	20	1.03	572	2	0.01	55	750	36	<5	<20	17	0.07	<10	67	<10	10	214
159	L-8S 6+50E	20	0.2	1.91	<5	80	5	0.32	<1	34	58	35	4.10	10	0.94	480	2	0.01	52	760	34	<5	<20	13	0.06	<10	67	<10	5	178
160	L-8S 6+75E	5	<0.2	1.85	10	80	<5	0.33	<1	35	62	28	3.56	10	0.83	586	2	0.02	56	810	42	10	<20	12	0.10	<10	49	<10	5	192
161	L-8S 7+00E	10	0.4	2.27	15	115	<5	0.65	<1	37	65	60	3.90	10	0.68	617	2	0.03	58	700	38	<5	<20	25	0.09	<10	35	<10	8	160
162	L-8S 7+25E	20	0.5	2.04	<5	90	5	0.25	<1	34	60	20	2.88	<10	0.47	1132	2	0.02	54	2340	38	10	<20	10	0.10	<10	25	<10	5	272
163	L-8S 7+50E	10	0.3	2.34	10	105	<5	0.31	<1	40	65	37	4.10	10	0.89	501	2	0.01	59	2050	40	<5	<20	19	0.11	<10	51	<10	5	230
164	RS-1	10	0.4	3.32	15	90	<5	0.22	<1	40	60	32	5.04	10	0.49	353	2	0.02	53	1870	52	<5	<20	8	0.13	<10	66	<10	5	224
165	RS-2	5	0.7	1.79	<5	35	<5	0.11	1	28	59	24	2.13	<10	0.19	187	2	0.02	54	580	32	10	<20	5	0.09	<10	16	<10	5	91
166	RS-3	35	0.4	2.15	<5	100	<5	0.20	<1	33	55	37	3.25	<10	0.63	290	2	0.02	49	950	32	<5	<20	12	0.10	<10	36	<10	5	113
167	RS-4	10	0.2	2.04	20	100	<5	0.92	3	40	67	219	3.95	20	0.71	1545	3	0.03	62	290	66	5	<20	25	0.11	<10	35	<10	18	393
168	RS-5	5	0.4	2.40	<5	65	10	0.21	<1	25	8	14	3.27	<10	0.29	550	0	0.02	5	2590	40	5	<20	8	0.12	<10	45	<10	5	101
169	RS-6	10	0.2	2.44	5	60	<5	0.43	<1	50	102	62	5.19	10	1.18	428	4	0.01	91	1260	36	15	<20	23	0.10	<10	101	<10	6	129
170	RS-7	10	0.4	2.88	15	85	<5	0.37	<1	41	56	57	5.25	10	1.30	501	2	0.01	48	2410	40	<5	<20	16	0.10	<10	80	<10	6	168

Et #.	Tag #	(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
171	RS-8	10	0.2	2.11	10	130	<5	0.32	<1	40	53	77	4.90	10	1.29	1096	2	0.01	45	1610	30	<5	<20	20	0.10	<10	99	<10	5	130
172	RS-9	5	0.2	2.53	15	85	<5	0.31	<1	38	57	77	5.60	10	1.51	440	2	0.01	48	1320	34	<5	<20	17	0.09	<10	105	<10	5	109
173	RS-10	5	0.5	1.96	<5	70	5	0.26	<1	33	54	30	3.61	10	0.76	501	2	0.02	47	1650	32	<5	<20	11	0.11	<10	47	<10	5	127
174	RS-11	5	0.5	1.35	<5	90	<5	0.24	<1	24	39	20	2.83	<10	0.50	705	1	0.02	34	1290	24	<5	<20	13	0.09	<10	40	<10	4	108
175	RS-12	15	0.4	2.29	15	95	<5	0.35	<1	36	50	55	4.29	10	1.10	541	2	0.01	43	1730	40	20	<20	13	0.10	<10	74	<10	7	124
176	RS-13	10	0.3	2.34	10	75	<5	0.28	<1	22	86	76	4.16	20	1.33	372	<1	0.02	45	1320	30	<5	<20	16	0.08	<10	79	<10	6	105
177	RS-14	40	<0.2	2.36	15	120	<5	0.24	<1	23	67	37	3.68	10	0.82	613	<1	0.02	34	2280	26	<5	<20	15	0.08	<10	71	<10	4	201
178	RS-15	10	<0.2	2.20	20	85	<5	0.70	<1	20	88	70	4.31	20	1.37	456	<1	0.02	47	1210	22	<5	<20	39	0.06	<10	89	<10	3	154
179	RS-16	10	<0.2	2.32	15	85	<5	0.36	<1	24	92	79	4.44	20	1.45	524	<1	0.02	49	1190	30	<5	<20	20	0.09	<10	81	<10	5	185
180	RS-17	5	<0.2	2.14	10	105	<5	0.26	<1	22	77	28	3.82	10	0.91	747	<1	0.02	39	1070	26	5	<20	14	0.09	<10	72	<10	3	167
181	RS-18	5	<0.2	1.62	10	130	<5	0.30	<1	16	59	30	3.26	10	0.70	595	<1	0.02	28	1280	20	<5	<20	14	0.06	<10	76	<10	3	119
182	RS-19	5	<0.2	2.02	10	95	<5	0.34	<1	22	71	55	3.39	10	0.95	551	<1	0.02	38	780	28	<5	<20	17	0.07	<10	64	<10	4	122
183	RS-20	5	<0.2	2.15	15	75	<5	0.22	<1	21	82	41	3.79	10	1.04	261	<1	0.02	44	630	22	<5	<20	13	0.08	<10	77	<10	3	135
QC DATA:																														
Repeat:																														
1	L-0 0+50W	-	<0.2	2.23	20	40	<5	0.52	<1	23	69	64	4.62	20	1.41	611	<1	<0.01	33	740	74	<5	<20	16	0.09	<10	87	<10	6	190
7	L-1S 1+50W	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	L-1S 3+75E	-	<0.2	1.99	15	65	<5	0.51	<1	25	80	77	4.12	20	1.29	724	<1	<0.01	42	1170	26	<5	<20	25	0.09	<10	69	<10	7	87
12	L-2S 1+25W	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	L-2S 3+00W	15	0.2	2.13	20	80	<5	0.28	<1	23	96	60	3.85	10	1.14	346	2	<0.01	51	1240	24	<5	<20	18	0.10	<10	65	<10	5	115
28	L-3S 3+75E	5	0.3	2.14	15	55	<5	0.45	<1	23	93	65	3.96	10	1.07	394	2	<0.01	52	820	34	5	<20	18	0.09	<10	71	<10	8	115
36	L-4S 0+50W	10	0.3	2.27	5	70	<5	0.41	<1	26	69	76	3.78	<10	0.90	322	2	0.01	46	1160	30	<5	<20	18	0.11	<10	56	<10	5	205
45	L-4S 2+75W	10	0.5	2.31	15	95	5	0.38	<1	24	63	55	3.45	10	0.80	476	4	0.01	45	630	32	5	<20	23	0.14	<10	48	<10	6	220
54	L-4S 0+25E	40	0.5	2.35	30	65	<5	0.54	<1	26	73	72	4.58	10	1.36	612	4	<0.01	41	1010	36	25	<20	28	0.11	<10	90	<10	5	144
63	L-4S 2+50E	45	0.4	1.88	25	65	<5	1.47	<1	21	58	95	4.41	10	0.89	577	<1	<0.01	35	320	62	<5	<20	9	0.12	<10	43	<10	5	402
71	L-4S 4+50E	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	L-5S 0+50E	<5	0.2	2.28	5	85	<5	0.61	<1	34	40	40	3.00	<10	0.47	877	1	0.02	36	1390	42	<5	<20	21	0.12	<10	19	<10	5	227
89	L-5S 2+75E	5	2.2	3.03	35	115	<5	0.67	2	34	58	73	3.00	10	0.40	1175	2	0.02	55	920	88	<5	<20	17	0.14	<10	3	<10	9	878
98	L-5S 5+00E	15	0.2	2.00	10	85	5	0.49	<1	47	92	44	4.07	10	0.86	605	4	0.02	83	970	34	<5	<20	20	0.12	<10	57	<10	5	161
106	L-7S 0+50E	5	<0.2	2.12	<5	40	<5	0.41	<1	40	58	66	4.58	20	1.31	438	2	0.02	50	370	34	<5	<20	20	0.17	<10	56	<10	10	110
115	L-7S 2+75E	-	1.4	2.43	45	85	<5	0.57	2	37	28	64	4.60	10	0.80	663	1	0.02	25	920	110	25	<20	18	0.12	<10	41	<10	7	693
116	L-7S 3+00E	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	L-7S 5+00E	15	0.8	2.64	50	175	<5	0.53	1	33	55	35	3.99	<10	0.49	375	2	0.02	51	1340	116	10	<20	18	0.11	<10	32	<10	5	1157
133	L-8S 0+00	15	<0.2	2.55	<5	55	5	0.45	<1	46	50	110	5.36	10	1.54	675	2	0.02	43	500	44	<5	<20	26	0.16	<10	82	<10	8	125
141	L-8S 2+00E	10	0.2	1.04	<5	55	<5	0.25	<1	28	51	17	2.08	<10	0.16	713	2	0.02	47	1830	20	<5	<20	11	0.09	<10	23	<10	4	109
150	L-8S 4+25E	10	0.4	2.15	<5	80	<5	0.38	<1	37	65	47	3.79	10	0.86	571	2	0.02	59	910	66	<5	<20	19	0.10	<10	32	<10	6	392
159	L-8S 6+50E	15	0.3	1.90	5	85	<5	0.32	<1	39	76	38	4.15	10	0.92	501	3	0.01	69	720	28	10	<20	18	0.07	<10	68	<10	3	179
168	RS-5	10	0.4	2.42	<5	75	<5	0.22	<1	44	71	22	3.58	<10	0.30	630	3	0.02	64	2640	38	<5	<20	14	0.12	<10	43	<10	4	107
176	RS-13	-	0.3	2.33	25	75	<5	0.27	<1	21	84	72	4.12	20	1.32	366	<1	0.02	44	1260	24	<5	<20	16	0.08	<10	77	<10	4	104
Standard:																														
GEO '04		130	1.5	1.62	55	135	<5	1.56	1	19	68	85	3.49	10	0.92	611	1	0.02	33	650	20	<5	<20	41	0.10	<10	64	<10	9	71
GEO '04		135	1.6	1.68	55	135	<5	1.62	<1	20	64	85	3.62	<10	0.93	627	<1	0.02	34	660	26	<5	<20	43	0.11	<10	61	<10	9	76
GEO '04		135	1.6	1.58	60	140	<5	1.60	1	20	64	89	3.84	<10	0.90	679	1	0.03	36	680	24	<5	<20	48	0.11	<10	64	<10	10	74
GEO '04		140	1.6	1.68	55	145	<5	1.72	<1	23	59	86	3.84	<10	0.95	661	1	0.03	32	710	24	<5	<20	41	0.11	<10	60	<10	10	82
GEO '04		135	1.5	1.65	65	145	<5	1.66	<1	23	61	89	3.94	10	0.93	690	1	0.03	34	710	22	<5	<20	41	0.12	<10	62	<10	9	75
GEO '04		135	1.6	1.67	60	145	<5	1.56	<1	19	62	90	3.57	10	0.96	611	<1	0.03	34	680	20	<5	<20	43	0.10	<10	63	<10	8	79

JJ/kk
df336b/326/335
XLS/04

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

28-May-04

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 2004-339

GEOQUEST CONSULTING LTD
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 2
Sample type: Silt
Project #: Cross
Shipment #: 2004-1
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	RHSL-002	15	<0.2	1.20	5	55	<5	8.41	<1	17	60	69	3.19	<10	1.02	642	<1	0.01	49	950	24	<5	<20	<1	0.04	<10	64	<10	3	69
2	RHSL-003	10	<0.2	1.02	5	55	<5	9.53	<1	16	53	62	2.86	<10	0.85	653	<1	0.01	49	920	22	<5	<20	<1	0.03	<10	55	<10	4	65

QC DATA:

Standard:

GEO '04	140	1.6	1.53	60	175	<5	1.99	<1	23	69	89	4.21	10	0.93	740	1	0.02	34	820	20	<5	<20	50	0.09	<10	65	<10	10	73

ECO TECH LABORATORY LTD
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df
XLS/04

28-May-04

ECO TECH LABORATORY LTD
10041 Dallas Drive
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2004-340

GEOQUEST CONSULTING LTD
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 15
Sample type: Rock
Project #: Cross
Shipment #: 2004-1
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	2004T3	15	<0.2	1.79	<5	15	<5	4.72	<1	35	65	227	6.80	10	1.25	902	<1	0.03	34	1760	28	<5	<20	28	0.15	<10	145	<10	8	89
2	2004T6	20	<0.2	0.13	10	25	<5	>10	<1	13	25	11	4.21	10	1.60	1695	<1	0.03	37	1830	4	<5	<20	1220	<0.01	<10	10	<10	12	36
3	2004MM001	50	2.3	0.45	<5	<5	<5	1.88	<1	367	123	1069	>10	40	0.55	807	<1	<0.01	22	3170	4	<5	<20	<1	0.04	<10	4	<10	3	78
4	RHR-017	5	0.2	1.25	<5	25	<5	3.27	<1	38	65	232	6.89	10	0.78	687	<1	0.03	25	1680	18	<5	<20	38	0.14	<10	95	<10	9	80
5	RHR-018	15	<0.2	0.27	<5	40	<5	>10	<1	53	110	69	7.51	10	4.74	1492	<1	0.01	191	1380	2	<5	<20	371	<0.01	<10	25	<10	6	84
6	RHR-019	55	0.6	0.34	60	85	<5	3.46	<1	27	77	95	5.83	10	2.46	941	<1	0.04	76	1220	38	<5	<20	246	<0.01	<10	34	<10	7	161
7	RHR-020	5	<0.2	2.78	20	20	<5	3.41	<1	35	79	190	>10	20	1.57	900	1	0.04	27	1530	42	<5	<20	30	0.15	<10	125	<10	6	76
8	RHR-021	60	<0.2	0.39	<5	125	<5	8.15	<1	39	49	93	6.95	10	2.26	1774	<1	0.02	46	1370	6	<5	<20	190	<0.01	<10	28	<10	5	76
9	RHR-022	5	0.6	0.37	<5	15	<5	2.68	<1	8	188	216	1.31	<10	0.25	462	8	0.03	15	460	62	<5	<20	58	<0.01	<10	13	<10	8	32
10	RHR-023	10	0.2	0.74	425	60	<5	2.64	<1	9	102	21	2.15	<10	0.49	347	3	0.04	15	850	14	<5	<20	117	0.02	<10	23	<10	3	40
11	RHR-024	35	1.2	1.55	<5	20	<5	2.95	<1	37	196	122	8.67	20	1.87	700	<1	0.04	57	1530	76	15	<20	54	0.15	<10	178	<10	8	79
12	DBR-1-04	<5	0.6	2.67	<5	45	<5	1.58	<1	37	91	201	6.39	20	2.51	1166	<1	0.04	49	2340	78	<5	<20	33	0.12	<10	129	<10	9	198
13	DBR-2-04	<5	0.7	2.50	5	50	<5	1.96	2	31	42	69	5.99	10	2.00	2758	<1	0.03	16	1290	262	<5	<20	23	0.09	<10	86	<10	4	1142
14	DBR-3-04	<5	0.4	1.18	<5	140	<5	>10	<1	42	442	93	4.44	<10	1.35	976	<1	0.02	204	1290	18	<5	<20	77	0.06	<10	66	<10	2	65
15	DBR-4-04	50	0.9	4.64	20	50	<5	0.83	<1	45	86	511	>10	30	3.69	2785	<1	<0.01	32	2760	62	<5	<20	5	0.06	<10	208	<10	3	186
QC DATA:																														
Repeat:																														
1	2004T3	15	0.2	1.69	<5	10	<5	4.53	<1	35	66	217	6.68	10	1.18	876	1	0.03	33	1750	28	<5	<20	26	0.14	<10	138	<10	9	89
Resplit:																														
1	2004T3	10	<0.2	1.80	<5	15	<5	4.74	<1	36	65	224	6.78	20	1.24	884	<1	0.04	32	1830	24	<5	<20	29	0.16	<10	141	<10	9	90
Standard:																														
GEO '04		135	1.6	1.53	55	175	<5	1.99	<1	23	59	89	4.21	<10	0.93	740	4	0.02	30	820	20	<5	<20	30	0.09	<10	65	<10	10	73

ECO TECH LABORATORY LTD
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CERTIFICATE OF ASSAY AK 2004-352

Geoquest Consulting Ltd.
8055 Aspen Road
Vernon, BC
V1B 3M9

02-Jun-04

Attention: Warner Gruenwald

No. of samples received: 34
Sample type: Rock
Project #: Cross
Samples submitted by: Rein Turna

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
20	2004-T26	302	8.81

QC DATA:

Repeat:

20	2004-T26	302	8.81

Standard:

PB106	58.6	1.71

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/04

01-Jun-04

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 2004-352

GEOQUEST CONSULTING LTD
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 34
Sample type: Rock
Project #: Cross
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	2004-T7	15	2.1	0.14	160	20	<5	0.67	<1	208	162	3017	>10	80	0.34	<1	<1	<0.01	8	360	<2	<5	<20	<1	<0.01	<10	5	<10	<1	71
2	2004-T7A	10	<0.2	0.12	5	10	<5	0.37	<1	10	109	25	0.79	<10	0.05	91	5	<0.01	7	50	2	<5	<20	3	0.02	<10	<1	<10	2	6
3	2004-T7B	30	0.7	0.14	70	45	<5	4.42	<1	109	103	611	>10	70	0.32	1068	<1	<0.01	16	200	<2	<5	<20	<1	<0.01	<10	3	<10	<1	196
4	2004-T8	15	0.3	0.14	10	25	<5	>10	<1	14	42	165	2.71	<10	0.15	1127	2	<0.01	53	220	14	<5	<20	<1	<0.01	<10	<1	<10	3	42
5	2004-T9	10	<0.2	1.08	25	30	<5	1.23	<1	23	62	96	2.28	10	0.63	431	2	0.02	14	1680	14	<5	<20	72	0.10	<10	23	<10	7	41
6	2004-T10	90	0.3	0.22	15	35	<5	4.55	<1	84	66	421	8.42	30	0.18	1208	<1	<0.01	13	410	<2	<5	<20	<1	0.02	<10	2	<10	9	25
7	2004-T11	15	0.3	1.16	15	100	<5	8.22	<1	35	62	280	5.59	20	0.89	1138	<1	<0.01	28	660	14	<5	<20	<1	0.07	<10	11	<10	8	44
8	2004-T12	10	<0.2	0.27	<5	25	<5	7.17	<1	9	57	55	3.92	10	0.20	858	1	<0.01	19	400	<2	<5	<20	<1	0.02	<10	3	<10	7	12
9	2004-T14	15	0.3	0.40	<5	35	<5	8.74	<1	22	43	172	3.02	10	0.28	995	1	<0.01	25	690	10	<5	<20	<1	0.05	<10	<1	<10	8	34
10	2004-T16	10	0.5	2.11	15	25	5	3.02	2	29	44	71	4.61	20	1.82	1948	<1	0.02	17	1540	178	<5	<20	51	0.18	<10	60	<10	13	325
11	2004-T17	30	0.4	0.51	30	65	<5	9.69	<1	69	64	585	>10	40	0.35	1623	<1	<0.01	31	490	<2	<5	<20	<1	0.03	<10	5	<10	3	35
12	2004-T18	10	0.5	1.05	220	50	<5	2.25	<1	174	106	725	>10	80	0.72	778	<1	0.01	15	830	<2	<5	<20	57	0.10	<10	68	<10	<1	61
13	2004-T19	15	0.6	1.17	20	60	<5	5.30	<1	62	55	435	7.22	30	0.84	1254	<1	0.02	30	1240	22	<5	<20	1	0.11	<10	2	<10	7	271
14	2004-T20	30	0.4	0.63	<5	50	<5	6.33	<1	88	86	506	>10	50	0.31	1305	<1	<0.01	21	250	<2	<5	<20	<1	0.02	<10	9	<10	<1	26
15	2004-T21	35	0.3	1.07	30	60	<5	>10	<1	31	58	171	8.09	30	0.53	1739	<1	0.02	29	620	10	<5	<20	<1	0.05	<10	19	<10	6	38
16	2004-T22	10	0.3	0.71	<5	55	<5	8.80	<1	71	86	396	>10	40	0.53	1757	<1	<0.01	34	250	<2	<5	<20	<1	0.02	<10	8	<10	2	121
17	2004-T23	30	1.4	0.46	<5	25	<5	1.39	<1	404	153	1473	>10	90	0.48	675	<1	<0.01	91	250	<2	<5	<20	<1	0.01	<10	4	<10	<1	44
18	2004-T24	10	0.2	0.96	15	35	<5	7.93	<1	25	88	173	5.65	20	0.57	1136	<1	0.03	27	1280	12	<5	<20	<1	0.09	<10	3	<10	7	24
19	2004-T25	30	0.3	0.63	20	40	<5	8.62	<1	32	47	139	2.69	10	0.29	353	8	0.03	42	1010	24	<5	<20	42	0.15	<10	<1	<10	8	86
20	2004-T26	5	>30	1.38	50	75	<5	1.38	6	32	72	83	3.12	10	1.13	773	4	0.02	19	740	280	<5	<20	22	0.11	<10	<1	<10	9	1136
21	2004-T27	5	4.3	0.23	15	20	<5	>10	2	10	51	168	0.75	<10	0.08	4229	<1	<0.01	55	420	108	<5	<20	<1	0.04	<10	<1	<10	8	599
22	2004-T28	10	<0.2	0.06	<5	20	<5	>10	<1	3	16	11	0.21	<10	0.12	1179	<1	<0.01	103	210	28	<5	<20	<1	<0.01	<10	1	<10	6	77
23	2004-T29	15	0.5	2.72	30	75	<5	3.98	<1	29	54	90	5.83	20	2.08	1658	<1	0.02	24	1460	40	<5	<20	7	0.09	<10	48	<10	8	153
24	2004-T30	10	0.8	0.30	10	115	<5	9.36	<1	11	74	73	3.44	20	0.19	1707	<1	<0.01	29	330	4	<5	<20	<1	0.04	<10	<1	<10	6	100
25	2004-T31	10	1.1	0.94	50	110	<5	7.83	<1	28	58	113	5.26	20	0.34	1184	<1	<0.01	28	670	12	<5	<20	<1	0.06	<10	7	<10	8	18
26	2004-T32	<5	0.4	0.32	15	40	<5	>10	<1	16	48	64	1.92	<10	0.27	1298	<1	<0.01	46	390	70	<5	<20	<1	0.03	<10	<1	<10	7	245
27	2004-T33	15	5.5	0.25	95	55	<5	8.99	7	66	65	533	3.64	10	0.19	3183	<1	<0.01	28	280	384	<5	<20	<1	0.03	<10	<1	<10	3	1061
28	2004-T33A	10	13.1	1.27	365	35	<5	4.65	6	372	84	1261	>10	50	0.79	1685	<1	<0.01	19	480	484	<5	<20	<1	0.03	<10	14	<10	<1	1163
29	2004-T34	10	0.3	0.61	5	25	<5	1.34	<1	19	94	71	2.38	10	0.36	467	5	0.03	15	790	12	<5	<20	7	0.17	<10	<1	<10	14	50
30	2004-T35	10	<0.2	1.68	<5	30	<5	1.49	<1	36	72	133	4.65	20	1.24	746	4	0.04	24	1100	32	5	<20	33	0.23	<10	16	<10	14	77
31	2004-T36	30	0.2	1.83	10	40	<5	1.75	<1	24	52	78	4.53	20	1.35	677	3	0.03	15	1370	28	<5	<20	27	0.17	<10	38	<10	10	54
32	2004-T37	10	<0.2	2.46	15	25	5	1.69	<1	25	82	48	5.51	20	2.07	774	2	0.02	23	1120	34	10	<20	11	0.17	<10	99	<10	15	85
33	2004-T38	15	3.2	1.57	10	25	<5	0.65	5	17	90	63	3.82	10	1.25	1557	2	0.02	17	330	524	5	<20	2	0.17	<10	72	<10	9	1373
34	2004-T39	10	0.5	0.83	50	30	<5	1.92	<1	51	51	125	4.43	20	0.24	72	9	0.01	48	1810	32	<5	<20	112	0.23	<10	<1	<10	11	54

Et #.	Tag #	(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
QC DATA:																														
Repeat:																														
1	2004-T7	20	2.1	0.13	160	20	<5	0.67	<1	208	160	2917	>10	90	0.34	<1	<1	<0.01	10	340	<2	<5	<20	<1	<0.01	<10	5	<10	<1	72
10	2004-T16	10	0.5	2.09	10	30	<5	3.07	1	29	45	64	4.62	20	1.80	1968	<1	0.02	19	1540	186	<5	<20	48	0.18	<10	56	<10	13	330
19	2004-T25		0.3	0.63	20	45	<5	8.81	<1	32	48	139	2.75	10	0.29	366	8	0.03	41	1030	26	<5	<20	42	0.15	<10	<1	<10	10	88
Resplit:																														
1	2004-T7	15	2.3	0.13	140	25	<5	0.67	<1	213	157	2904	>10	80	0.32	<1	<1	<0.01	7	370	<2	<5	<20	<1	<0.01	<10	4	<10	<1	77
Standard:																														
GEO '04		135	1.5	1.61	65	170	<5	1.82	<1	22	68	87	3.93	<10	0.91	662	<1	0.02	35	680	22	<5	<20	47	0.11	<10	69	<10	11	73

ECO TECH LABORATORY LTD
Jutta Jealouse
B.C. Certified Assayer

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10-Jun-04

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

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2004-406

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 14
Sample type: Core
Project #: Cross
Shipment #: 2004-4
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	E14313	5	0.3	2.15	15	10	<5	3.55	<1	21	59	87	4.66	10	1.69	932	<1	0.03	25	540	46	<5	<20	<1	0.08	<10	72	<10	13	108
2	E14314	5	<0.2	3.06	15	20	<5	2.84	<1	30	55	93	6.66	10	2.39	739	<1	0.03	27	1400	40	<5	<20	6	0.17	<10	129	<10	19	94
3	E14315	5	<0.2	2.77	15	20	<5	1.19	<1	29	60	80	5.96	10	2.26	476	2	0.03	21	1270	34	<5	<20	13	0.22	<10	77	<10	12	86
4	E14316	20	<0.2	0.85	85	50	<5	4.80	<1	16	98	68	3.55	10	0.52	909	4	0.02	36	730	14	<5	20	<1	0.14	<10	5	<10	11	92
5	E14317	5	0.2	2.09	20	45	<5	1.23	<1	24	85	97	4.60	10	1.65	588	3	0.02	26	1080	30	<5	<20	15	0.19	<10	33	<10	15	86
6	E14318	5	<0.2	1.68	10	100	<5	1.07	<1	10	47	15	3.02	<10	1.31	488	3	0.02	11	680	26	<5	<20	45	0.21	<10	<1	<10	14	86
7	E14319	5	<0.2	1.52	5	90	<5	1.33	<1	8	36	36	2.40	<10	1.40	282	3	0.01	13	780	26	<5	<20	35	0.12	<10	<1	<10	13	59
8	E14320	5	6.6	0.34	15	25	<5	>10	2	6	108	20	3.67	20	0.15	1708	1	<0.01	36	570	514	<5	<20	55	<0.01	<10	15	<10	12	536
9	E14321	45	4.8	0.48	50	<5	<5	0.58	13	16	278	48	>10	30	0.30	70	6	<0.01	32	580	1042	15	<20	86	<0.01	<10	26	<10	4	2894
10	E14322	80	6.5	0.56	30	20	<5	1.08	19	19	236	150	6.80	20	0.27	390	8	<0.01	23	540	1368	15	<20	100	<0.01	<10	28	<10	7	4447
11	E14323	5	0.6	2.50	15	15	<5	3.62	2	33	39	127	5.56	30	2.04	2828	<1	0.02	22	1290	66	<5	<20	103	0.02	<10	138	<10	17	462
12	E14324	10	0.3	0.50	45	60	<5	9.97	<1	42	97	169	7.44	20	0.37	1639	<1	0.02	28	260	10	<5	<20	<1	0.02	<10	3	<10	6	36
13	E14325	<5	0.3	0.68	10	60	<5	>10	<1	43	81	376	>10	20	0.21	2032	<1	0.03	36	220	<2	<5	<20	<1	0.02	<10	7	<10	20	13
14	E14326	<5	0.3	0.76	25	70	<5	>10	<1	57	120	345	>10	20	0.24	2335	<1	0.04	43	340	<2	<5	<20	<1	0.02	<10	9	<10	25	14
QC DATA:																														
Repeat:																														
1	E14313	10	0.2	2.14	25	20	<5	3.86	<1	23	62	85	4.95	10	1.68	980	<1	0.02	27	570	54	<5	<20	<1	0.08	<10	73	<10	15	119
9	E14321	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	E14322	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Resplit:																														
1	E14313	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO '04		135	1.5	1.46	50	135	<5	1.60	<1	21	62	85	3.73	<10	0.85	621	<1	0.01	30	790	24	<5	<20	43	0.09	<10	64	<10	9	72

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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11-Jun-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
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Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2004-41

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 23
Sample type: Rock/Core
Project #: Cross
Shipment #: 2004-3
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	2004T-40	<5	<0.2	0.08	<5	20	<5	1.95	<1	2	118	5	0.34	<10	0.03	493	4	<0.01	11	100	2	<5	<20	380	<0.01	10	2	<10	2	13
2	2004T-41	<5	<0.2	0.14	<5	10	<5	0.10	<1	4	126	5	0.71	<10	0.11	181	4	<0.01	6	160	6	<5	<20	8	<0.01	20	9	<10	1	17
3	2004T-42	<5	<0.2	0.05	<5	15	<5	>10	<1	<1	59	2	0.34	<10	0.13	1220	3	<0.01	32	240	6	<5	<20	1849	<0.01	<10	4	<10	7	3
4	E07373	15	0.2	0.23	<5	10	<5	2.11	<1	10	89	66	1.26	<10	0.15	265	5	0.02	17	370	6	<5	<20	<1	0.11	<10	<1	<10	7	17
5	E07374	5	<0.2	0.20	10	10	<5	2.08	<1	10	101	56	1.46	<10	0.13	513	5	0.01	19	220	6	<5	<20	<1	0.10	<10	<1	<10	6	48
6	E07375	10	0.3	0.68	55	20	<5	2.94	<1	18	107	99	3.29	<10	0.51	505	6	0.01	38	920	12	<5	<20	<1	0.12	<10	10	<10	12	41
7	E07376	500	2.5	1.32	90	140	<5	7.35	<1	42	87	4039	7.10	20	1.11	1068	<1	0.01	39	910	24	<5	<20	32	0.06	<10	40	<10	10	115
8	E07377	80	0.3	0.32	15	125	<5	>10	<1	14	70	215	6.57	20	0.19	1607	106	<0.01	39	300	2	<5	<20	<1	0.02	<10	4	<10	6	27
9	E14303	40	2.0	0.66	495	30	<5	5.01	<1	466	91	1528	>10	40	0.58	1204	<1	0.01	28	560	<2	<5	<20	61	0.02	<10	25	<10	8	90
10	E14304	20	1.1	0.34	10	110	<5	>10	<1	98	73	1715	>10	20	0.28	1706	<1	0.01	39	310	<2	<5	<20	<1	0.01	<10	4	<10	8	38
11	E14305	20	0.5	0.15	55	25	<5	>10	<1	132	52	1027	8.31	20	0.28	1042	<1	<0.01	44	480	2	<5	<20	<1	0.03	<10	3	<10	3	65
12	E14306	<5	0.5	0.23	20	20	<5	>10	<1	90	55	556	7.18	10	0.19	1445	<1	<0.01	47	390	2	<5	<20	<1	0.03	<10	16	<10	6	39
13	E14307	<5	<0.2	0.15	5	10	<5	>10	<1	3	28	7	1.21	<10	0.06	1028	<1	<0.01	48	150	12	<5	<20	<1	<0.01	<10	8	<10	4	66
14	E14308	<5	<0.2	0.27	25	20	<5	>10	<1	6	62	7	4.10	10	0.16	1305	1	<0.01	55	230	18	<5	<20	<1	<0.01	<10	14	<10	6	47
15	E14309	30	1.8	1.43	125	55	<5	>10	<1	193	135	459	>10	20	1.26	2206	<1	<0.01	98	620	92	<5	<20	<1	<0.01	<10	63	<10	16	226
16	E14310	225	3.7	0.87	1345	<5	<5	>10	<1	187	99	1054	>10	30	0.57	2496	<1	<0.01	39	570	244	<5	<20	<1	<0.01	<10	40	<10	8	595
17	E14311	5	0.4	0.17	110	15	<5	>10	<1	5	32	40	2.27	<10	0.12	3019	<1	<0.01	64	160	48	<5	<20	<1	<0.01	<10	8	<10	10	374
18	E14312	45	0.4	0.15	10	15	<5	>10	<1	4	26	21	0.81	<10	0.22	2399	<1	<0.01	95	190	78	<5	<20	<1	0.02	<10	6	<10	5	197
19	E07385	<5	<0.2	0.27	15	15	<5	9.66	<1	33	36	300	4.32	<10	0.13	994	6	<0.01	30	610	4	<5	<20	<1	0.02	<10	4	<10	5	9
20	E07386	<5	<0.2	0.67	25	20	<5	9.14	<1	60	54	213	6.57	20	0.32	1085	<1	<0.01	28	850	4	<5	<20	<1	0.05	<10	13	<10	6	12
21	E07387	<5	<0.2	0.70	10	60	<5	>10	<1	34	62	126	9.05	10	0.26	1557	<1	0.02	32	390	10	<5	<20	<1	0.04	<10	7	<10	11	14
22	E07388	5	0.2	0.40	10	30	<5	>10	<1	14	69	64	8.69	10	0.18	1797	<1	0.02	32	250	2	<5	<20	<1	0.02	<10	3	<10	3	11
23	E07389	<5	0.3	0.73	10	20	<5	>10	<1	12	46	76	5.21	20	0.20	1772	<1	0.03	33	400	6	<5	<20	<1	0.02	<10	5	<10	6	7
QC DATA:																														
Repeat:																														
1	2004T-40	<5	<0.2	0.08	<5	20	<5	2.13	<1	3	126	7	0.39	<10	0.03	521	4	<0.01	12	110	6	<5	<20	386	<0.01	20	2	<10	2	15
7	E07376	485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	E07377	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	E14304	10	1.1	0.34	25	110	<5	>10	<1	92	69	1677	>10	20	0.28	1636	<1	0.01	37	280	<2	<5	<20	<1	0.01	<10	4	<10	6	35
16	E14310	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	E14311	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	E14312	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Resplit:																														
1	2004T-40	<5	<0.2	0.08	<5	20	<5	2.05	<1	2	149	4	0.39	<10	0.03	530	9	<0.01	12	100	2	<5	<20	376	<0.01	10	2	<10	2	15
Standard:																														
GEO '04		140	1.6	1.57	65	175	<5	1.78	<1	21	68	84	3.86	10	0.88	674	1	0.02	38	710	24	<5	<20	47	0.13	<10	66	<10	10	73

JJ/kk

ECO TECH LABORATORY LTD.

Jutta Jealouse
B.C. Certified Assayer

18-Jun-04

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

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2004-455

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 36
Sample type: Core
Project #: Cross
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	E14327	25	<0.2	0.63	15	50	<5	>10	<1	25	78	187	>10	40	0.20	1912	<1	0.03	34	200	6	<5	<20	<1	<0.01	<10	8	<10	15	36
2	E14328	20	<0.2	0.57	10	45	<5	11.73	<1	35	65	187	9.96	20	0.22	1626	<1	0.03	30	283	<2	<5	<20	<1	0.02	<10	6	<10	15	6
3	E14329	75	0.2	0.32	20	30	5	>10	<1	48	70	318	>10	40	0.23	1455	<1	0.01	32	410	<2	<5	<20	<1	0.01	<10	4	<10	8	51
4	E14330	20	<0.2	0.45	10	40	<5	9.42	<1	21	39	33	3.76	10	0.30	1498	5	0.02	26	450	16	<5	<20	<1	0.04	<10	<1	<10	7	47
5	E14331	35	<0.2	0.38	20	45	<5	8.27	<1	25	49	40	3.93	10	0.22	1501	29	0.02	25	400	14	<5	<20	<1	0.03	<10	<1	<10	6	46
6	E14332	30	0.4	0.52	15	70	<5	>10	<1	40	41	146	6.03	20	0.33	1998	8	0.03	35	410	168	<5	<20	<1	0.02	<10	9	<10	6	384
7	E14333	35	0.3	0.36	15	55	<5	5.55	<1	16	89	103	2.98	10	0.15	1477	6	0.03	24	510	22	<5	<20	16	0.05	<10	<1	<10	5	71
8	E14334	20	<0.2	0.45	30	30	<5	9.11	<1	13	59	61	1.59	<10	0.18	1074	9	0.02	28	840	40	<5	<20	<1	0.07	<10	<1	<10	6	171
9	E14335	825	0.5	1.23	840	75	<5	>10	<1	157	83	376	>10	50	0.84	1101	<1	0.01	37	670	8	<5	<20	38	0.03	<10	22	<10	7	60
10	E14336	30	1.5	0.47	45	25	<5	>10	3	20	30	102	3.17	10	0.47	1630	<1	<0.01	89	500	238	<5	<20	33	0.03	<10	13	<10	5	601
11	E14337	15	<0.2	0.45	<5	<5	<5	>10	<1	10	91	36	1.50	<10	0.20	869	7	<0.01	36	810	50	<5	<20	<1	0.05	<10	<1	<10	9	125
12	E14338	20		2.37	35	20	10	3.75	<1	31	51	124	5.36	20	1.77	908	1	0.03	25	1800	44	10	<20	51	0.10	<10	87	<10	9	81
13	E14339	15	0.2	2.20	20	40	<5	6.06	<1	18	52	81	3.92	20	1.76	738	1	0.02	33	1190	46	<5	<20	117	0.06	<10	69	<10	14	70
14	E14340	20	0.2	1.69	25	50	<5	5.42	<1	19	49	109	3.82	20	1.21	596	<1	0.02	27	1850	38	<5	<20	168	0.02	<10	52	<10	15	74
15	E14341	20	0.3	2.96	10	105	<5	5.62	<1	30	38	158	6.61	40	1.81	913	<1	0.02	25	2070	64	<5	<20	138	0.02	<10	85	<10	21	97
16	E14342	20	0.2	2.96	10	30	10	3.98	<1	30	81	104	6.60	30	2.33	761	2	0.04	36	2460	56	<5	<20	130	0.10	<10	191	<10	20	123
17	E14343	15	<0.2	2.63	10	80	10	4.73	<1	24	51	58	5.81	30	1.90	1062	<1	0.04	26	1270	50	<5	<20	135	0.12	<10	77	<10	12	97
18	E14344	20	<0.2	2.59	<5	40	<5	5.15	<1	24	45	55	5.82	30	1.85	1017	<1	0.05	23	1750	46	<5	<20	190	0.08	<10	111	<10	10	81
19	E14345	30	0.2	2.27	35	30	10	8.43	<1	24	50	94	5.48	20	1.95	1208	<1	0.03	34	920	42	<5	<20	139	0.08	<10	180	<10	13	84
20	E14346	10	0.2	0.87	5	10	<5	2.54	<1	23	82	139	3.42	10	0.64	642	3	0.04	21	690	38	<5	<20	16	0.11	<10	14	<10	8	106
21	E14347	40	<0.2	2.98	<5	20	10	1.22	<1	28	63	102	5.65	20	2.45	730	2	0.03	17	1020	54	<5	<20	38	0.20	<10	58	<10	12	102
22	E14348	20	<0.2	2.85	25	25	10	3.89	<1	28	58	84	5.94	20	2.24	963	<1	0.03	30	1060	48	<5	<20	37	0.12	<10	85	<10	11	98
23	E14349	15	<0.2	3.12	10	15	15	1.11	<1	30	57	81	6.15	20	2.44	825	2	0.04	18	850	56	5	<20	30	0.18	<10	82	<10	10	114
24	E14350	25	0.2	2.27	10	20	10	4.35	<1	20	60	94	4.67	20	1.65	551	1	0.02	27	870	44	<5	<20	30	0.09	<10	67	<10	10	67
25	E14351	140	0.6	0.77	170	10	<5	>10	5	10	48	110	3.22	20	0.42	3916	7	<0.01	70	570	44	<5	<20	101	<0.01	<10	35	<10	12	910
26	E14352	10	0.3	0.10	20	<5	<5	>10	<1	1	25	11	0.33	<10	0.46	1897	<1	<0.01	82	310	32	<5	<20	<1	<0.01	<10	5	<10	8	231
27	E14353	15	1.0	0.66	30	<5	<5	>10	<1	6	30	123	0.45	<10	0.36	951	2	<0.01	68	930	34	<5	<20	<1	0.04	<10	<1	<10	7	237
28	E14354	70	0.8	0.18	<5	<5	<5	>10	2	3	20	4	0.13	<10	0.09	874	<1	<0.01	67	640	236	<5	<20	<1	0.02	<10	<1	<10	10	390
29	E14355	15	1.3	0.31	<5	<5	<5	>10	<1	5	17	16	0.43	<10	0.29	783	1	0.01	71	440	86	<5	<20	<1	0.04	<10	<1	<10	7	171
30	E14356	55	0.3	0.41	40	20	<5	>10	<1	6	27	30	1.21	<10	0.42	2198	4	<0.01	65	490	64	<5	<20	<1	0.04	<10	<1	<10	6	163

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	Ti %	U	V	W	Y	Zn
31	E14357	240	0.6	0.93	20	45	<5	>10	<1	21	52	277	6.25	40	0.40	1293	2	<0.01	47	1120	18	<5	<20	<1	0.07	<10	33	<10	12	36
32	E14358	25	<0.2	0.16	20	5	<5	>10	<1	1	22	4	0.37	<10	0.38	502	<1	<0.01	103	220	14	<5	<20	103	<0.01	<10	4	<10	7	43
33	E14359	20	0.2	0.55	25	10	5	4.79	<1	11	98	18	0.87	<10	0.21	564	6	0.02	23	250	20	<5	<20	<1	0.15	<10	<1	<10	9	44
34	E14360	20	<0.2	0.20	<5	<5	<5	>10	<1	2	27	3	0.14	<10	0.02	349	1	<0.01	66	380	44	<5	<20	<1	0.03	<10	<1	<10	6	73
35	E14361	40	<0.2	0.36	<5	<5	<5	>10	<1	4	59	4	0.32	<10	0.31	713	4	<0.01	47	690	46	<5	<20	<1	0.07	<10	<1	<10	9	81
36	E14362	20	0.3	0.31	20	10	<5	>10	<1	16	34	96	2.12	10	0.12	655	2	<0.01	53	800	14	<5	<20	<1	0.06	<10	<1	<10	8	42
QC DATA:																														
Repeat:																														
1	E14327	30	<0.2	0.62	15	55	<5	>10	<1	27	82	199	>10	30	0.20	1908	<1	0.04	34	200	2	<5	<20	<1	<0.01	<10	9	<10	14	34
9	E14335	865	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	E14336	25	1.7	0.47	40	20	<5	>10	3	22	31	113	3.29	10	0.46	1646	<1	<0.01	87	520	242	<5	<20	29	0.03	<10	13	<10	5	608
19	E14345	50	0.3	2.48	40	30	10	8.59	<1	24	54	96	5.85	20	2.11	1272	<1	0.04	37	960	48	<5	<20	138	0.09	<10	193	<10	14	90
25	E14351	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Resplit																														
1	E14327	25	<0.2	0.60	10	50	10	>10	<1	27	74	172	>10	30	0.20	1874	<1	0.04	33	200	<2	<5	<20	<1	<0.01	<10	9	<10	14	28
36	E14362	20	0.4	0.29	25	10	<5	>10	<1	16	38	150	2.21	10	0.11	718	2	<0.01	55	840	14	<5	<20	<1	0.06	<10	<1	<10	7	44
Standard:																														
GEO '04		140	1.4	1.72	55	145	<5	1.86	<1	21	56	88	3.87	<10	0.99	694	<1	0.02	34	830	20	<5	<20	45	0.09	<10	68	<10	10	73
GEO '04		150	1.4	1.88	50	140	<5	1.95	<1	23	54	84	4.13	<10	1.04	716	<1	0.02	37	850	22	<5	<20	51	0.11	<10	67	<10	11	74

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
df445
XLS/04
Email - Geoquest
Fax - New Cantech

CERTIFICATE OF ASSAY AK 2004-472

Geoquest Consulting Ltd.
8055 Aspen Road
Vernon, BC
V1B 3M9

18-Jun-04

Attention: Warner Gruenwald

No. of samples received: 20
Sample type: Core
Project #: Cross
Shipment #: 2004-6
Samples submitted by: Rein Turna

ET #.	Tag #	Cu (%)
6	E14406	1.01

QC DATA:

Repeat:

6	E14406	1.01

Standard:

CU106	1.41

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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XLS/04
Email - Geoquest
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18-Jun-04

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

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 2004-472

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 20
Sample type: Core
Project #: Cross
Shipment #: 2004-6
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	E14401	25	<0.2	0.20	<5	5	<5	4.24	<1	2	126	11	0.37	<10	0.45	251	10	<0.01	17	420	6	<5	<20	<1	<0.01	<10	1	<10	6	8
2	E14402	5	<0.2	2.52	25	5	<5	3.55	<1	31	41	87	5.17	20	1.95	1358	<1	0.03	20	1200	18	<5	<20	60	0.08	<10	75	<10	5	68
3	E14403	10	0.6	1.28	20	50	<5	3.84	<1	35	57	766	4.40	20	0.82	851	2	0.05	16	940	12	<5	<20	18	0.06	<10	22	<10	7	40
4	E14404	20	0.5	1.93	25	20	<5	1.94	<1	31	35	648	4.36	10	1.34	922	<1	0.05	12	1140	16	5	<20	35	0.10	<10	39	<10	6	60
5	E14405	15	0.5	1.63	35	20	<5	0.93	<1	31	43	809	3.49	<10	1.08	745	2	0.06	11	1140	14	5	<20	33	0.11	<10	23	<10	6	48
6	E14406	30	5.3	0.19	245	45	<5	2.52	<1	362	97	>10000	>10	60	0.44	471	<1	<0.01	19	510	4	<5	<20	<1	0.01	<10	3	<10	<1	94
7	E14407	5	0.2	0.73	30	65	<5	5.02	<1	60	44	424	5.83	20	0.45	1293	2	0.03	18	1220	2	<5	<20	3	0.07	<10	<1	<10	5	22
8	E14408	<5	<0.2	0.76	10	55	<5	>10	<1	16	59	73	6.48	40	0.28	1591	<1	0.06	39	400	4	<5	<20	<1	0.02	<10	8	<10	5	7
9	E14409	<5	<0.2	0.19	55	55	<5	2.62	<1	4	94	28	0.75	<10	0.04	210	6	0.03	10	100	4	<5	<20	25	<0.01	<10	1	<10	3	<1
10	E14410	30	0.5	0.15	30	40	<5	1.64	<1	2	51	138	0.40	<10	0.02	86	3	0.04	6	100	2	<5	<20	32	<0.01	<10	<1	<10	3	3
11	E14411	10	0.2	1.08	15	50	<5	>10	<1	24	49	260	4.02	10	0.67	1356	1	0.03	53	730	12	<5	<20	47	0.04	<10	22	<10	5	33
12	E14412	<5	0.2	0.57	15	10	<5	5.60	<1	9	66	32	1.93	<10	1.02	2267	2	0.02	27	570	28	<5	<20	40	0.06	<10	1	<10	9	76
13	E14413	<5	1.5	0.38	25	10	<5	>10	6	5	37	23	1.13	<10	0.19	3463	<1	<0.01	53	300	390	<5	<20	26	0.02	<10	7	<10	9	621
14	E14414	295	6.7	1.49	15	110	<5	>10	<1	66	56	2889	>10	30	0.82	2747	<1	0.03	54	770	24	<5	<20	36	0.03	<10	64	<10	10	73
15	E14415	35	<0.2	0.81	<5	140	<5	>10	<1	10	60	37	9.03	20	0.27	2135	<1	0.01	38	240	<2	<5	<20	<1	0.02	<10	10	<10	10	6
16	E14416	<5	<0.2	0.54	<5	75	<5	>10	<1	8	67	16	8.46	20	0.18	1950	<1	<0.01	33	160	<2	<5	<20	<1	0.01	<10	6	<10	4	2
17	E14417	25	<0.2	0.75	<5	165	<5	>10	<1	13	57	131	7.95	20	0.25	2188	<1	0.02	36	270	6	<5	<20	<1	0.02	<10	13	<10	8	5
18	E14418	5	0.2	0.84	20	170	<5	>10	<1	25	68	250	7.61	20	0.47	1943	<1	0.02	37	850	6	<5	<20	<1	0.04	<10	13	<10	6	16
19	E14419	65	1.2	0.79	10	35	<5	8.04	<1	132	75	488	>10	40	0.44	1278	2	0.01	54	190	<2	<5	<20	6	0.01	<10	9	<10	5	20
20	E14420	<5	0.6	1.06	30	125	<5	6.88	<1	24	51	361	3.74	20	0.53	1189	22	0.03	23	790	14	<5	<20	48	0.02	<10	32	<10	8	42
QC DATA:																														
Repeat:																														
1	E14401	<5	<0.2	0.21	<5	5	<5	4.31	<1	2	127	10	0.38	<10	0.45	260	10	0.01	17	420	6	<5	<20	<1	0.02	<10	<1	<10	6	8
10	E14410	<5	0.4	0.16	35	40	<5	1.74	<1	3	56	138	0.45	<10	0.02	108	3	0.04	7	110	4	<5	<20	33	<0.01	<10	<1	<10	3	4
Resplit:																														
1	E14401	<5	<0.2	0.19	<5	<5	<5	5.22	<1	2	103	11	0.36	<10	0.42	298	6	<0.01	19	490	10	<5	<20	<1	0.02	<10	<1	<10	6	7
Standard:																														
GEO '04		125	1.4	1.54	65	155	<5	1.66	<1	20	61	86	3.63	10	0.92	636	<1	0.02	32	760	22	<5	<20	49	0.09	<10	69	<10	9	77

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Jutta Jealouse
B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 2004-473

Geoquest Consulting Ltd.
8055 Aspen Road
Vernon, BC
V1B 3M9

18-Jun-04

Attention: Warner Gruenwald

No. of samples received: 25
Sample type: Core
Project #:Cross
Shipment #: 2004-7
Samples submitted by: Rein Turna

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
6	E14368	68.0	1.98
7	E14369	32.2	0.94

QC DATA:

Repeat:

6	E14368	68.1	1.99

Standard:

CU106		134	3.91

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/04
Email - Geoquest
Fax - New Cantech

18-Jun-04

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 2004-473

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 25
Sample type: Core
Project #:Cross
Shipment #: 2004-7
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	E14363	5	<0.2	0.04	<5	35	<5	>10	<1	<1	5	4	0.12	<10	0.40	311	<1	<0.01	464	130	114	<5	<20	<1	<0.01	<10	3	<10	3	9
2	E14364	15	0.9	0.24	10	15	<5	>10	<1	5	19	202	1.59	10	0.20	1094	1	<0.01	75	430	56	<5	<20	16	<0.01	<10	9	<10	6	79
3	E14365	225	4.6	0.28	90	50	<5	>10	30	31	57	366	6.76	20	0.18	3041	<1	<0.01	53	450	1626	<5	<20	<1	0.01	<10	11	<10	14	3054
4	E14366	105	0.3	0.10	35	45	<5	>10	4	13	49	24	5.63	10	0.28	2388	<1	<0.01	49	360	292	<5	<20	<1	<0.01	<10	7	<10	5	657
5	E14367	75	4.5	0.25	80	95	<5	>10	10	17	41	108	4.87	10	0.26	2749	<1	<0.01	56	510	352	<5	<20	<1	0.01	<10	9	<10	8	1399
6	E14368	80	>30	0.30	65	25	<5	4.36	<1	181	101	1570	>10	60	0.63	2847	<1	<0.01	31	640	<2	60	<20	36	0.02	<10	19	<10	4	82
7	E14369	25	>30	0.89	195	25	<5	8.34	9	20	42	359	6.03	30	0.57	1527	3	<0.01	23	1870	208	<5	<20	<1	0.03	<10	45	<10	9	1295
8	E14370	20	0.3	2.01	10	25	<5	1.92	<1	13	39	32	3.62	10	1.83	756	<1	0.02	15	930	32	<5	<20	88	0.04	<10	72	<10	18	66
9	E14371	5	0.3	1.82	10	15	<5	1.49	2	13	95	50	3.55	10	1.50	638	2	0.03	23	250	106	10	<20	28	0.01	<10	87	<10	13	412
10	E14373	20	<0.2	2.32	30	10	<5	4.22	<1	22	46	79	5.02	20	1.84	789	<1	0.03	24	870	24	<5	<20	42	<0.01	<10	143	<10	13	43
11	E14374	10	<0.2	1.75	50	10	<5	3.21	<1	19	80	65	3.93	10	1.41	764	3	0.04	21	780	20	<5	<20	9	0.09	<10	73	<10	10	36
12	E14375	10	0.2	0.86	<5	10	<5	3.31	1	13	66	81	2.52	<10	0.67	703	3	0.02	18	470	100	<5	<20	2	0.08	<10	26	<10	4	244
13	E14376	15	0.2	1.87	10	20	<5	2.02	<1	18	61	71	4.03	10	1.47	502	1	0.02	24	550	30	<5	<20	23	0.03	<10	75	<10	9	57
14	E14377	5	<0.2	2.45	15	15	<5	2.08	<1	21	50	72	4.90	10	2.07	570	<1	0.02	22	1150	32	<5	<20	23	0.02	<10	111	<10	15	74
15	E14378	15	<0.2	1.28	5	20	<5	3.50	<1	15	71	79	3.33	10	1.07	720	3	0.02	21	360	32	<5	<20	62	0.03	<10	80	<10	8	94
16	E14379	5	0.2	0.38	10	5	<5	3.13	<1	11	99	60	1.75	<10	0.27	651	5	0.02	19	460	14	<5	<20	<1	0.08	<10	<1	<10	8	30
17	E14380	10	<0.2	1.99	25	15	5	1.36	<1	24	50	53	4.70	10	1.40	684	2	0.03	17	1150	22	<5	<20	13	0.11	<10	44	<10	8	73
18	E14381	10	<0.2	1.58	25	5	<5	1.79	<1	33	39	159	3.85	10	1.23	563	<1	0.03	17	1090	22	<5	<20	13	0.07	<10	47	<10	5	39
19	E14382	5	<0.2	2.31	<5	20	10	0.61	<1	24	59	58	5.13	10	1.78	612	2	0.02	20	440	30	5	<20	9	0.18	<10	47	<10	8	116
20	E14383	5	<0.2	2.05	<5	15	<5	0.78	<1	24	57	76	4.62	10	1.59	612	1	0.02	19	1160	34	<5	<20	8	0.11	<10	71	<10	9	121
21	E14384	5	<0.2	1.58	<5	15	<5	0.88	<1	20	49	80	3.68	10	1.18	727	2	0.02	17	960	26	<5	<20	15	0.13	<10	30	<10	7	118
22	E14385	5	0.2	2.00	5	35	<5	1.04	<1	22	50	65	4.70	10	1.42	518	1	0.02	21	380	26	5	<20	12	0.14	<10	31	<10	7	88
23	E14386	10	<0.2	2.33	10	25	<5	1.12	<1	26	51	95	5.39	10	1.50	582	<1	0.02	28	410	32	<5	<20	13	0.16	<10	33	<10	6	99
24	E14387	<5	<0.2	1.84	10	20	<5	1.49	<1	29	56	91	4.02	10	1.37	668	<1	0.02	38	1320	28	5	<20	12	0.09	<10	41	<10	6	72
25	E14388	10	<0.2	2.67	15	25	<5	2.49	<1	29	43	87	5.94	20	1.90	1300	<1	0.02	21	1250	46	<5	<20	17	0.11	<10	78	<10	6	100
QC DATA:																														
Repeat:																														
10	E14373	35	<0.2	1.86	10	20	5	1.55	2	13	96	50	3.61	10	1.54	649	2	0.03	24	250	106	<5	<20	28	0.01	<10	88	<10	13	424
Standard:																														
GEO '04		135	1.4	1.51	60	145	<5	1.73	<1	20	58	83	3.47	10	0.90	614	<1	0.02	30	690	22	<5	<20	45	0.09	<10	66	<10	9	73

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ECO TECH LABORATORY LTD.
Jutta Jealouse
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29-Jun-04

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ICP CERTIFICATE OF ANALYSIS AK 2004-520

GEOQUEST CONSULTING LTD.
8055 Aspen Road
Vernon, BC
V1B 3M9

Attention: Warner Gruenwald

No. of samples received: 17
Sample type: Core Rock
Project #: Cross
Shipment #: 2004-8
Samples submitted by: Rein Turna

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	Ti %	U	V	W	Y	Zn
1	E14389	<5	<0.2	1.51	5	15	<5	1.20	<1	21	74	69	3.56	10	1.23	502	1	0.04	17	600	16	<5	<20	10	0.18	<10	52	<10	10	43
2	E14390	5	0.2	0.65	<5	35	<5	3.81	<1	10	76	38	2.56	<10	0.40	1131	2	0.03	18	610	30	<5	<20	15	0.08	<10	12	<10	8	46
3	E14391	10	0.3	0.55	<5	5	<5	1.39	<1	12	66	43	1.62	<10	0.41	519	3	0.04	12	360	42	<5	<20	8	0.10	<10	4	<10	8	100
4	E14392	10	0.3	0.76	10	<5	<5	1.50	1	15	97	83	2.38	<10	0.56	693	3	0.03	20	370	66	<5	<20	2	0.07	<10	29	<10	8	177
5	E14393	10	0.6	1.67	15	10	<5	2.64	4	22	69	109	3.69	10	1.37	1335	<1	0.02	25	710	246	<5	<20	18	0.14	<10	73	<10	8	775
6	E14394	10	0.2	2.25	25	20	<5	2.95	<1	36	34	143	4.78	20	1.65	815	30	0.02	16	1270	34	<5	<20	68	0.07	<10	67	<10	10	91
7	E14395	20	0.5	0.67	<5	10	<5	2.14	1	12	86	56	2.01	<10	0.59	906	5	0.02	17	370	80	<5	<20	16	0.13	<10	12	<10	9	207
8	E14396	25	0.9	0.56	5	35	<5	2.24	6	12	95	56	1.95	<10	0.42	1280	3	0.03	24	310	388	<5	<20	25	0.14	<10	6	<10	10	960
9	E14397	10	<0.2	2.39	30	20	5	3.00	<1	33	402	44	3.66	20	2.75	621	4	0.02	118	2230	38	<5	<20	55	0.10	<10	73	<10	11	79
10	E14398	15	<0.2	2.92	5	15	<5	1.86	<1	27	56	84	6.17	20	2.15	740	<1	0.02	24	3430	26	<5	<20	17	0.14	<10	103	<10	23	91
11	E14399	20	1.9	1.36	<5	5	<5	0.84	7	62	95	1738	>10	20	1.14	438	131	0.01	30	320	452	<5	<20	12	0.09	<10	15	<10	6	811
12	E14400	15	0.4	1.81	20	20	<5	7.60	<1	22	31	107	4.37	20	1.51	1086	<1	0.02	29	1310	92	<5	<20	107	0.03	<10	83	<10	12	179
13	E14421	10	0.6	0.89	10	40	<5	2.92	3	12	79	56	2.49	<10	0.69	809	3	0.02	19	230	218	<5	<20	23	0.07	<10	40	<10	6	557
14	E14422	15	1.0	1.17	10	5	<5	2.45	3	15	84	148	2.88	<10	0.94	882	2	0.02	24	640	104	<5	<20	5	0.12	<10	48	<10	10	436
15	E14423	10	0.5	3.46	25	20	10	4.71	<1	35	38	69	6.92	20	2.65	1994	8	0.03	32	1440	40	<5	<20	64	0.13	<10	118	<10	8	110
16	2004T46	10	<0.2	2.19	10	15	<5	1.46	<1	38	51	204	7.97	20	2.01	963	<1	0.03	17	1700	18	<5	<20	16	0.32	<10	132	<10	16	63
17	2004T47	10	<0.2	2.56	<5	35	<5	3.53	<1	32	44	188	5.89	20	1.51	951	<1	0.02	25	1720	20	<5	<20	99	0.17	<10	165	<10	10	70
QC DATA:																														
Repeat:																														
1	E14389	<5	0.2	1.48	5	15	5	1.18	<1	21	75	66	3.49	<10	1.20	509	2	0.04	18	600	16	<5	<20	11	0.18	<10	52	<10	10	42
Resplit:																														
1	E14389	10	<0.2	1.42	5	10	<5	1.14	<1	20	62	65	3.37	<10	1.16	472	2	0.04	16	620	14	<5	<20	10	0.18	<10	48	<10	9	40
Standard:																														
GEO '04		135	1.4	1.76	55	150	5	1.67	<1	21	60	86	3.70	10	0.98	638	<1	0.02	33	710	22	<5	<20	46	0.11	<10	62	<10	10	78

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

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APPENDIX B
ANALYTICAL METHODS

Eco-Tech
LABORATORIES LTD.

10041 Dallas Drive, Kamloops, B.C. Canada
V2C 6T4 • Telephone (250) 573-5700 • Fax (250) 573-4557
E-mail: ecotech@direct.ca

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10 or 30 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

Eco-Tech
LABORATORIES LTD.

10041 Dallas Drive, Kamloops, B.C. Canada
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Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Samples unable to produce adequate -80 mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

K:Methods/methicp

APPENDIX C

ROCK SAMPLE DESCRIPTIONS

Samples are grabs of float unless stated otherwise.

Sample No.	Location (NAD83 Coordinates) Easting	Northing

2004MM001 Location known approximately.
Rusty, pyritic, friable.

2004T3 687933 5709319
Mafic volcanic, rusty. Dike?

2004T6 687234 5709105
Very limonitic vuggy quartz vein attached to volcaniclastic. No sulphides. 10cm diameter. Angular.

2004T7 Trench 1
1.5m chip of mineralized zone. Rusty, rotten. Vuggy quartz vein breccia. Up to 10% sulphides are mostly pyrrhotite, also pyrite, marcasite. No magnetite. Pyrrhotite is magnetic. Heavy Mn oxide on weathered surfaces.

2004T7A Trench 1
Grab from 20cm wide quartz vein at contact between diorite and breccia at 2004T7.

2004T7B Trench 1
1.5m chip of limonitic rotten rock. Brecciated siliceous tuff with 5 - 20cm quartz veins. Pyrrhotite, pyrite. No magnetite. Pyrrhotite is magnetic. Heavy Mn oxide on weathered surfaces.

2004T8 Trench 1
2.5m chip. Highly silicified cherty tuff. Little sulphides. Limonite, jarosite, Mn oxide on weathered surfaces. Minor quartz veinlets containing minor pyrite.

2004T9 Trench 1
40cm chip across diorite dike. Green, medium grained, porphyritic. Slightly sericitized. Strike/dip of dike is 5/90.

2004T10 Trench 1
2.5m chip. Silicified dark green andesitic lithic tuff. Fractured with some quartz veining. Limonite and Mn oxide on weathered surfaces. Chloritic fractures. Epidotized patches near quartz veins. Contains a 30cm fractured zone containing pyrite and pyrrhotite.

2004T11 Trench 1
2.0m chip. Minor limonite and Mn oxide on weathered surfaces. Minor pyrite with quartz veinlets. Dark green fine grained tuff. Siliceous in patches.

2004T12 Trench 1
2.5m chip. Light to dark green siliceous tuff. Chloritic fractures. Mn oxide on surfaces. Minor pyrite with quartz veinlets. Calcite encrustation on weathered surfaces.

2004T14 Trench 1
1.0m chip. Siliceous tuff similar to that at 2004T16. No significant sulphides or veining. No hematite. Some compositional banding apparent but cannot determine orientation.

2004T16 Trench 1
3.0m representative grab. Silicified tuff. Occasional quartz veins up to 1.0cm wide. Minor limonite. Some hematite in fractures. Very minor pyrite with quartz veinlets.

2004T17 Trench 2
2.7m discontinuous chip over 3.2m. Green fine grained lithic tuff. Patchily siliceous or silicified. Minor random quartz veinlets have pyrite and chalcopyrite. Central portion contains 20cm pocket of garnetite with blebs of pyrite, pyrrhotite, very minor chalcopyrite. Limonitic.

2004T18 Trench 2
Grab taken from 20cm pocket in 2004T17. Garnetite with pyrite, pyrrhotite, chalcopyrite. Very limonitic.

2004T19 Trench 2
1.0m discontinuous chip over 2.3m. Slightly limonitic lithic tuff. No veins or sulphides. Rock is somewhat bleached due to weathering. Not much hydrothermally altered.

2004T20 Trench 2
1.1m discontinuous chip over 1.2m. Silicified lithic tuff and garnetite breccia in sheared contact. Blebby pyrrhotite with minor pyrite, chalcopyrite, malachite. No magnetite. Pyrrhotite is magnetic. Heavy limonite and Mn oxide. Heavily weathered fractured rock. Strike/dip of breccia contact is 168/90.

2004T21 Trench 2
2.0m chip. Green lithic tuff. Not silicified. Some minor calcite veins and encrustation on weathered surfaces. Weakly limonitic. Very minor malachite. Rock not very altered, veined or mineralized.

2004T22 Trench 2
2.0m chip. Green lithic tuff. Calcite veinlets.

2004T23 Trench 2
30cm grab from central portion of 2004T22. Pyrrhotite and chalcopyrite occur in narrow breccia. Very fractured and limonitic. Garnets up to 3mm occur.

2004T24 Trench 2
1.4m chip. Green lithic tuff. Some calcite veinlets. Includes 20cm pocket of garnetite with pyrrhotite.

2004T25 Trench 2
Grab from north side of 2004T24. Green siliceous tuff. Not altered. No sulphides. Bleached by weathering.

2004T26 Trench 3
2.0m discontinuous chip over 3.2m. Very fine grained cherty tuff. Medium grey. No visible sulphides. No significant alteration. Minor calcite encrustation on weathered surfaces. Some dark hairline fractures may be chlorite. Very weak pervasive foliation here related to shear zone. Weak slickensiding. Minor quartz veinlets. Strike/dip of foliation is 135/90.

2004T27 Trench 3
3.0m chip. Cherty tuff. Whitish to greenish grey. Very fine bedding is evident. See orientation in 2004T29. Central portion has 30cm wide dark grey coarse grained dirty limestone (boulder?).

No sulphides. Very minor limonite staining.

2004T28 Trench 3
1.0m discontinuous chip over 3.0m. White silicified marble. Hard, crystalline, fizzes in acid. Very fine compositional layering.

2004T29 Trench 3
2.0m chip. Medium green ash tuff. Minor limonitic fractures. No significant alteration. A few hairline quartz veinlets. Occasional thin compositional layering (bedding). Strike/dip of bedding is 20/20 west, not entirely reliable.

2004T30 Trench 3
Grab of spotty exposure over 4.0m. Central portion contains 1.0m wide dark green andesite dike. Dike is weakly magnetic with pyrrhotite. Strike/dip of dike is 9/90.

2004T31 Trench 3
Grab of very fine grained ash tuff. Contains several quartz veins up to 1.0cm wide. Limonitic but little of sulphides visible. Minor pyrrhotite occurs with quartz veins.

2004T32 Trench 3
Grab of spotty exposure over 3.0m. Variably silicified tuff. Occasional cherty appearance. Light to dark green. Contains interbedded 40cm white marble. No significant sulphide or limonite here.

2004T33 Trench 3
2.0m discontinuous chip over 3.0m. Variably silicified tuff. Occasional cherty appearance. Light to dark green. Fairly well fractured. Not much veining, alteration or sulphide. Contains 0.5m wide brecciated zone with limonite, some hematite and Mn oxide on fracture surfaces. Limonitic breccia has up to 1% sulphides as blebs and fracture fillings. Sulphides are pyrite and arsenopyrite. Not magnetic. Some short 2mm wide fractures contain chalcopyrite. Strike/dip of breccia contact is 52/50 southeast.

2004T33A Trench 3
0.5m chip from limonitic breccia in 2004T33.

2004T34 Trench 4
Grab of spotty exposure over 3.0m. Light to dark green tuff. No sulphides seen. No significant limonite.

2004T35 Trench 4
1.0m discontinuous chip over 2.5m. Siliceous tuff and 30cm wide porphyritic andesite dike. No sulphides or limonite.

2004T36 Trench 4
Grab of spotty exposure over 3.0m. Siliceous light grey lithic tuff. Contains 2mm clasts. Dark chloritic fractures. 1% disseminated pyrrhotite. Weakly limonitic.

2004T37 Trench 4
Grab of spotty exposure over 5.5m. Light to medium greenish grey lithic tuff. Variably siliceous. Minor magnetic pyrrhotite disseminated and in fractures. Locally abundant chloritic hairline fractures.

2004T38 Trench 5
3.0m chip of ash tuff. Medium green. Very minor pyrite in fractures. Rock is intensely fractured. No significant veining or alteration.

2004T39 Trench 6
Grab of tuff float. Limonitic.

2004T-40 686835 5709527
10cm piece of quartz vein float. Vuggy. Open fractures. Some red hematite stain. Apparent banding may be foliation related to shearing.

2004T-41
10 cm piece of quartz vein float. Some brown carbonate attached. Fractured.

2004T-42
15cm carbonate vein attached to fine grained diorite. Float. Grab of vein only. Apparent white and greyish white banding.

2004T-46 688159 5708951
Rusty float. Basalt with small quartz vein. Brecciated. Some shearing.

2004T-47 688273 5708976
Rusty float. Basaltic breccia.

CDBR-1-04 687178 5708966
Andesite. Contains pyrite. Angular float.

DBR-2-04 687227 5708965
Andesite. Contains pyrite. Epidote. Angular float.

DBR-3-04 687592 5708682
Altered rock contains magnetite. Angular float.

DBR-4-04 687436 5708684
Andesite float. Contains 2-3mm calcite veins, magnetite, pyrite, chalcopyrite.

RHR-017 687526 5709342
Altered rock.

RHR-018 686872 5709180
Angular float.

RHR-019 686856 5709215
Breccia with disseminated pyrite.

RHR-020 686996 5709278
Angular float.

RHR-021 686980 5709277
Angular float.

RHR-022 687003 5709334
Angular quartz float.

RHR-023 686909 5709839
Float.

RHR-024 686814 5709858
Float.

APPENDIX D

PERSONNEL

Rein Turna, P.Geo.	
May 12 - June 27, 2004 (Field Program)	39 days
October 8 - 18, 2004 (Report)	12 days
Rex Turna, helper	
May 12 - June 20, 2004	38 days
M. McInnes, helper	
May 12 - 21, 2004	10 days
R. Henderson, helper	
May 12 - 15, 2004	4 days
D. Darren, helper	
May 13 - 15, 2004	4 days

APPENDIX E

STATEMENT OF EXPENDITURES

Diamond Drilling:		
Frontier Drilling Corp., Kamloops, B.C.		$63,554.50
Trenching:		
Hy-Pro Contracting, Kamloops, B.C.		3,086.25
Labour /Consulting Fees/Contractors:		
Geoquest Consulting Ltd., Vernon, B.C.		29,360.00
Analytical Costs:		
Eco Tech Labs, Kamloops, B.C.	$3,323.63	
Acme Analytical, Vancouver, B.C	1,468.80	4,792.43
Transportation Costs:		
Geoquest Consulting Ltd.		3,929.24
Room and Board:		4,900.37
Equipment Rental:		
Radios, VLF-EM, Magnetometer, Core Splitter		1,076.65
Report Compilation:		
Labour (Authoring/Drafting)	4,800.00	
Map printing, photocopies, binding	100.08	4,900.08
Miscellaneous:		
Sampling supplies, freight, telephone		124.94
	TOTAL:	**$115,724.46**

APPENDIX F

REFERENCES

B.C. Mineral Inventory (1990)	NTS Map No. 92P
Bobrowski, P.T. et al (1998)	Till Geochemistry of the Louis Creek-Chu Chua Creek Area (NTS 92P/E): Open File 1998-6
Caulfield, B.A. and Ikona, C.K. (1986)	Assessment Report on the Cedar I, VI, VII-XVII, XIX, XX Mineral Claims for Craven Resources Inc.
Campbell, R.B., Tipper, H.W. (1969)	Bonaparte Lake Map Area (Map 1278A). Geological Survey of Canada Memoir 363
Dom, K. (1989)	Assessment Report #18597 on the G Claims for Esso Minerals
Geological Survey of Canada (1980)	Aeromagnetic Map 19521G Bonaparte Lake NTS No. 92P
Gewargis, W.A. (1987)	Geophysical Report on the Cedar Mineral Claims Property (Assessment Report #16362)
Gruenwald, W. (1992)	Geochemical, Geophysical and Geological Report on the "G" Claims for Huntington Resources Inc.
Gruenwald, W. (1998)	Report on the Hidden Creek Property for Nehalliston Resources Corp.
Gruenwald, W (2004)	Geochemical and Geophysical Assessment Report on the Cross Property for New Cantech Resources Inc. (Assessment Report # 27364)
Hilker, R.G. (1996)	Proposed Geological Exploration Report, Little Fort, British Columbia, Canada on Gold-Copper Little Fort Property
Preto, V.A.G. (1970)	Geology, Exploration and Mining in British Columbia
Sayer, C.F. and Stephen, J.C. (1989)	Assessment Report #18612 on the Cedar Claims for Pacific Comox Resources Ltd.
Schiarizza	Geology of the Nehalliston Plateau, Open File 2002-4
Tipper, H.W. (1971)	Surficial Geology - Bonaparte Lake - Map 1293A Geological Survey of Canada Bulletin 196
Wells, R.C. (1991)	Summary Report on the G Claims - Private Report
Yorston, R. and Ikona, C.K. (1985)	Geological Report on the Cedar I to VI Mineral Claims (Assessment Report #3519) for Craven Resources Inc.

APPENDIX G
STATEMENT OF QUALIFICATIONS

I, Rein Turna, of the City of West Vancouver, British Columbia, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. in Geological Sciences granted in 1975.
2. I am a registered member of the Professional Engineers and Geoscientists of British Columbia.
3. I have worked as a geologist in western and northern Canada since 1975.
4. I carried out or supervised the work described in this report.

R. Turna, P.Geo.
October 20, 2004

APPENDIX H

MAGNETOMETER DATA

Cross Property						Proton Magnetometer Survey 2004				
Line	Station	gammas		Line	Station	gammas		Line	Station	gammas
L3N	2+00W	56572		L2N	2+00W	56420		L1N	2+00W	56601
L3N		56583		L2N		56489		L1N		56606
L3N	75	56452		L2N	75	56432		L1N	75	56740
L3N		56043		L2N		56563		L1N		(swamp)
L3N	50	56653		L2N	50	56550		L1N	50	56650
L3N		56696		L2N		56561		L1N		56630
L3N	25	56678		L2N	25	56631		L1N	25	56617
L3N		56421		L2N		54044		L1N		56587
L3N	1+00W	56063		L2N	1+00W	54068		L1N	1+00W	56594
L3N		56713		L2N		56603		L1N		57030
L3N	75	56405		L2N	75	56613		L1N	75	56685
L3N		56875		L2N		56609		L1N		56559
L3N	50	56156		L2N	50	56605		L1N	50	56564
L3N		56408		L2N		56614		L1N		56620
L3N	25	56420		L2N	25	56623		L1N	25	56607
L3N		56301		L2N		56673		L1N		56619
L3N	0+00	55378		L2N	0+00	56652		L1N	0+00	56632
L3N		56415		L2N		53968		L1N		53781
L3N	25	56452		L2N	25	54166		L1N	25	56529
L3N		56041		L2N		56591		L1N		53851
L3N	50	56471		L2N	50	56477		L1N	50	53926
L3N		56556		L2N		56466		L1N		53777
L3N	75	56371		L2N	75	56447		L1N	75	54246
L3N		56342		L2N		56445		L1N		56615
L3N	1+00E	56433		L2N	1+00E	56483		L1N	1+00E	56698
L3N		56574		L2N		56543		L1N		56455
L3N	25	56551		L2N	25	56545		L1N	25	53624
L3N		56417		L2N		56543		L1N		53729
L3N	50	56492		L2N	50	56518		L1N	50	56513
L3N		56512		L2N		56529		L1N		53637
L3N	75	56230		L2N	75	56512		L1N	75	56542
L3N		55662		L2N		56467		L1N		56553
L3N	2+00E	56528		L2N	2+00E	56431		L1N	2+00E	53650
L3N		56552		L2N		56452		L1N		53570
L3N	25	56536		L2N	25	56577		L1N	25	56530
L3N		55794		L2N		56517		L1N		56525
L3N	50	55896		L2N	50	56613		L1N	50	56504
L3N		55432		L2N		56618		L1N		56514
L3N	75	56625		L2N	75	56624		L1N	75	53770
L3N		55696		L2N		56574		L1N		56111
L3N	3+00E	56485		L2N	3+00E	56547		L1N	3+00E	53937

Cross Property						Proton Magnetometer Survey 2004				
Line	Station	gammas		Line	Station	gammas		Line	Station	gammas
L0	2+00W	56561		L1S	2+00W	56541		L2S	4+50W	56552
L0		56602		L1S		56249		L2S		56501
L0	75	56697		L1S	75	53941		L2S	25	56436
L0		56641		L1S		56605		L2S		56463
L0	50	56699		L1S	50	53518		L2S	4+00W	56142
L0		56621		L1S		53989		L2S		56369
L0	25	53818		L1S	25	53550		L2S	75	56536
L0		56672		L1S		56529		L2S		56505
L0	1+00W	56553		L1S	1+00W	53654		L2S	50	55893
L0		56569		L1S		56531		L2S		55946
L0	75	56609		L1S	75	53653		L2S	25	56092
L0		56614		L1S		53624		L2S		56065
L0	50	56647		L1S	50	53639		L2S	3+00W	55998
L0		54089		L1S		53582		L2S		56440
L0	25	53910		L1S	25	56578		L2S	75	55922
L0		54227		L1S		53680		L2S		53718
L0	0+00	57197		L1S	0+00	53533		L2S	50	56106
L0		56629		L1S		53531		L2S		53781
L0	25	56711		L1S	25	53561		L2S	25	56046
L0		56654		L1S		53508		L2S		56370
L0	50	56663		L1S	50	56426		L2S	2+00W	56639
L0		56587		L1S		56788		L2S		54023
L0	75	56521		L1S	75	53946		L2S	75	53838
L0		56573		L1S		53768		L2S		53956
L0	1+00E	56623		L1S	1+00E	56232		L2S	50	56626
L0		56620		L1S		56543		L2S		56571
L0	25	56663		L1S	25	54022		L2S	25	56549
L0		56490		L1S		53952		L2S		56602
L0	50	56168		L1S	50	54104		L2S	1+00W	56548
L0		56628		L1S		54169		L2S		56564
L0	75	56636		L1S	75	56540		L2S	75	56538
L0		56580		L1S		56545		L2S		56535
L0	2+00E	56599		L1S	2+00E	56680		L2S	50	56548
L0		56621		L1S		56584		L2S		56538
L0	25	56643		L1S	25	53815		L2S	25	56555
L0		56673		L1S		53974		L2S		56577
L0	50	56621		L1S	50	53733		L2S	0+00	56620
L0		56851		L1S		56567		L2S		56604
L0	75	56623		L1S	75	54102		L2S	25	56584
L0		56401		L1S		54108		L2S		56703
L0	3+00E	56475		L1S	3+00E	56789		L2S	50	56592
				L1S		56727		L2S		56136
				L1S	25	53953		L2S	75	56053
				L1S		53693		L2S		55848
				L1S	50	56573		L2S	1+00E	55825
				L1S		56514		L2S		55866
				L1S	3+75E	56527		L2S	25	55938
								L2S		56215
								L2S	50	56442
								L2S		56556
								L2S	75	56542
								L2S		56849
								L2S	2+00E	56819
								L2S		56651
								L2S	25	56506
								L2S		56416
								L2S	50	56602
								L2S		56649
								L2S	75	56562
								L2S		56630
								L2S	3+00E	56651

Cross Property						Proton Magnetometer Survey 2004				
Line	Station	gammas		Line	Station	gammas		Line	Station	gammas
L3S	2+00W	55150		L4S	4+50W	53739		L5S	0+00	54349
L3S		55779		L4S		53681		L5S		56475
L3S	75	56459		L4S	25	53619		L5S	25	56511
L3S		55711		L4S		53721		L5S		56523
L3S	50	54782		L4S	4+00W	53759		L5S	50	56514
L3S		53720		L4S		53998		L5S		56508
L3S	25	55603		L4S	75	54138		L5S	75	56523
L3S		53902		L4S		54108		L5S		56533
L3S	1+00W	55600		L4S	50	54164		L5S	1+00E	56480
L3S		55684		L4S		53888		L5S		56495
L3S	75	53782		L4S	25	56704		L5S	25	56486
L3S		55967		L4S		53673		L5S		56275
L3S	50	55970		L4S	3+00W	56625		L5S	50	56572
L3S		53750		L4S		56622		L5S		56592
L3S	25	53751		L4S	75	54804		L5S	75	56524
L3S		55521		L4S		53754		L5S		56548
L3S	0+00	54831		L4S	50	56587		L5S	2+00E	56538
L3S		56542		L4S		56152		L5S		56305
L3S	25	56629		L4S	25	55919		L5S	25	56499
L3S		56563		L4S		55699		L5S		56512
L3S	50	56721		L4S	2+00W	56027		L5S	50	56508
L3S		56671		L4S		55821		L5S		56495
L3S	75	56571		L4S	75	56439		L5S	75	56454
L3S		56571		L4S		55432		L5S		56496
L3S	1+00E	56573		L4S	50	55764		L5S	3+00E	56531
L3S		56672		L4S		55208		L5S		56473
L3S	25	56521		L4S	25	55643		L5S	25	56452
L3S		56674		L4S		55644		L5S		56478
L3S	50	56690		L4S	1+00W	56197		L5S	50	56484
L3S		56510		L4S		56056		L5S		56478
L3S	75	56508		L4S	75	55181		L5S	75	56372
L3S		56725		L4S		55342		L5S		56465
L3S	2+00E	56725		L4S	50	55282		L5S	4+00E	56473
L3S		54185		L4S		54921		L5S		56476
L3S	25	56809		L4S	25	55022		L5S	25	56485
L3S		56629		L4S		54814		L5S		56471
L3S	50	56711		L4S	0+00	53813		L5S	50	56493
L3S		56641		L4S		56457		L5S		56501
L3S	75	56521		L4S	25	56348		L5S	75	53689
L3S		56571		L4S		56102		L5S		56498
L3S	3+00E	56602		L4S	50	56493		L5S	5+00E	56537
L3S		56578		L4S		53791		L5S		56582
L3S	25	56611		L4S	75	55698		L5S	25	56557
L3S		56652		L4S		56486		L5S		56563
L3S	50	56639		L4S	1+00E	56552		L5S	50	56568
L3S		56638		L4S		56304		L5S		56545
L3S	75	56648		L4S	25	56344		L5S	75	56417
L3S		56635		L4S		56289		L5S		56554
L3S	4+00E	56619		L4S	50	56485		L5S	6+00E	56583
L3S		56625		L4S		56482		L5S		56121
L3S	25	56608		L4S	75	56480		L5S	6+25E	56562
L3S		56603		L4S		56289				
L3S	50	56589		L4S	2+00E	56466				
L3S		56584		L4S		56165				
L3S	75	56575		L4S	25	56467				
L3S		56573		L4S		56420				
L3S	5+00E	56559		L4S	50	56163				
L3S		56538		L4S		56546				
L3S	5+25E	56524		L4S	75	54040				
				L4S		53770				
				L4S	3+00E	56385				
				L4S		56475				
				L4S	25	56397				
				L4S		56450				
				L4S	50	56455				
				L4S		56545				
				L4S	75	55847				
				L4S		56022				
				L4S	4+00E	55717				
				L4S		55600				
				L4S	25	55526				
				L4S		56364				
				L4S	50	56307				
				L4S		53875				
				L4S	75	56564				
				L4S		56206				
				L4S	5+00E	55628				
				L4S		55186				
				L4S	25	56354				
				L4S		56111				
				L4S	50	56436				
				L4S		55497				
				L4S	75	55579				
				L4S		56209				
				L4S	6+00E	56097				
				L4S		56452				
				L4S	6+25E	56476				

Cross Property | **Proton Magnetometer Survey 2004**

Line	Station	gammas	Line	Station	gammas	Line	Station	gammas
L6S	0+00	56165	L7S	0+00	54084	L8S	0+00	54638
L6S		56035	L7S		53922	L8S		54173
L6S	25	56545	L7S	25	54028	L8S	25	54863
L6S		56520	L7S		54046	L8S		55056
L6S	50	56582	L7S	50	54220	L8S	50	54961
L6S		56568	L7S		56736	L8S		54908
L6S	75	56562	L7S	75	53939	L8S	75	54916
L6S		56440	L7S		53910	L8S		54996
L6S	1+00E	56779	L7S	1+00E	53819	L8S	1+00E	55154
L6S		56750	L7S		53893	L8S		54182
L6S	25	56500	L7S	25	56691	L8S	25	54184
L6S		56511	L7S		53920	L8S		55357
L6S	50	56482	L7S	50	53911	L8S	50	54118
L6S		56488	L7S		53831	L8S		53970
L6S	75	56505	L7S	75	53851	L8S	75	53731
L6S		56473	L7S		53853	L8S		53928
L6S	2+00E	56538	L7S	2+00E	54063	L8S	2+00E	53982
L6S		56467	L7S		53691	L8S		53884
L6S	25	56405	L7S	25	53692	L8S	25	53920
L6S		56402	L7S		53866	L8S		55836
L6S	50	56422	L7S	50	56598	L8S	50	53884
L6S		56432	L7S		56505	L8S		54004
L6S	75	56462	L7S	75	56582	L8S	75	54006
L6S		56448	L7S		56600	L8S		56703
L6S	3+00E	56458	L7S	3+00E	56648	L8S	3+00E	53886
L6S		56459	L7S		56585	L8S		54067
L6S	25	56467	L7S	25	56536	L8S	25	53545
L6S		56460	L7S		56558	L8S		54226
L6S	50	56451	L7S	50	56492	L8S	50	53902
L6S		56473	L7S		56431	L8S		53671
L6S	75	56443	L7S	75	56436	L8S	75	53801
L6S		56505	L7S		56442	L8S		53844
L6S	4+00E	56467	L7S	4+00E	56390	L8S	4+00E	56440
L6S		56459	L7S		56375	L8S		53771
L6S	25	56509	L7S	25	56419	L8S	25	53737
L6S		56466	L7S		56417	L8S		56301
L6S	50	55990	L7S	50	56418	L8S	50	56360
L6S		56430	L7S		56431	L8S		56360
L6S	75	56493	L7S	75	56419	L8S	75	56332
L6S		56448	L7S		56413	L8S		56365
L6S	5+00E	56401	L7S	5+00E	56466	L8S	5+00E	53394
L6S		56426	L7S		56485	L8S		56426
L6S	25	56387	L7S	25	56425	L8S	25	53664
L6S		56502	L7S		56455	L8S		53649
L6S	50	56350	L7S	50	56447	L8S	50	53998
L6S		56381	L7S		56521	L8S		54016
L6S	75	56603	L7S	75	56528	L8S	75	53808
L6S		56477	L7S		56518	L8S		53976
L6S	6+00E	56484	L7S	6+00E	56520	L8S	6+00E	53996
L6S		56530	L7S		56470	L8S		53798
L6S	25	56619	L7S	25	56505	L8S	25	53564
L6S		56482	L7S		56419	L8S		53865
L6S	50	56547	L7S	50	56173	L8S	50	53788
L6S		56545	L7S		56286	L8S		53686
L6S	6+75E	56536	L7S	75	56530	L8S	75	53733
			L7S		56515	L8S		56359
			L7S	7+00E	56581	L8S	7+00E	56441
						L8S		53874
						L8S	25	53875
						L8S		53770
						L8S	7+50E	53868

APPENDIX I

VLF-EM DATA

Cross Property

VLF-EM Survey 2004

* Fraser Filter value plotted at the 'line' directly above it.

Line	Station	Dip (degree)	Fraser Filter	Quad
L1S	3+00E	-6		-12
L1S	25	-6		-10
L1S	50	-11	9	-16
L1S	3+75E	-10		-14
L2S	4+50W	-9		-7
L2S	25	-3		2
L2S	4+00W	1	-13	6
L2S	75	0	-2	4
L2S	50	0	1	6
L2S	25	0	2	7
L2S	3+00W	-2	3	6
L2S	75	-1	3	8
L2S	50	-4	3	3
L2S	25	-2	-3	4
L2S	2+00W	0		4
L3S	3+00E	-6		-6
L3S	25	-5		-5
L3S	50	-7	6	-9
L3S	75	-10	16	-14
L3S	4+00E	-18	23	-16
L3S	25	-22	16	-14
L3S	50	-22	3	-12
L3S	75	-21	-3	-5
L3S	5+00E	-20	-2	-2
L3S	25	-21		-2
L4S	4+50W	4		2
L4S	25	5		2
L4S	4+00W	3	0	1
L4S	75	6	-6	1
L4S	50	8	-7	5
L4S	25	8	-1	8
L4S	3+00W	7	12	6
L4S	75	-3	20	-1
L4S	50	-2	6	1
L4S	25	0	-7	0
L4S	2+00W	2	-6	3
L4S	75	2	-1	-1
L4S	50	1	4	2
L4S	25	-1	3	-2
L4S	1+00W	1	-4	0
L4S	75	3	-2	3
L4S	50	-1	10	-2
L4S	25	-5	11	-4
L4S	0+00	-4	1	-6
L4S	25	-3	-5	-2
L4S	50	-1	-5	-5
L4S	75	-1	1	-2
L4S	1+00E	-4	6	-9
L4S	25	-4	7	-7
L4S	50	-8	4	-10
L4S	75	-4	-4	-6

Cross EM Data

Line	Station	Dip (degree)	Fraser Filter	Quad
L4S	2+00E	-4	-2	-6
L4S	25	-6	7	-7
L4S	50	-9	10	-5
L4S	75	-11	8	-6
L4S	3+00E	-12	6	-9
L4S	25	-14	3	-14
L4S	50	-12	2	-10
L4S	75	-16	7	-6
L4S	4+00E	-17	4	-8
L4S	25	-15	-1	-6
L4S	50	-17	4	-2
L4S	75	-19	6	-2
L4S	5+00E	-19	0	0
L4S	25	-17	-8	-2
L4S	50	-13	-12	0
L4S	75	-11	-6	2
L4S	6+00E	-13	-2	0
L4S	6+25E	-9		1
L5S	0+00	-5		2
L5S	25	-7		-4
L5S	50	-3	-6	-6
L5S	75	-3	-9	-6
L5S	1+00E	2	-8	-2
L5S	25	0	-3	-3
L5S	50	2	2	-4
L5S	75	-2	8	-6
L5S	2+00E	-4	9	-3
L5S	25	-5	6	-4
L5S	50	-7	8	-5
L5S	75	-10	11	-7
L5S	3+00E	-13	10	-8
L5S	25	-14	6	-2
L5S	50	-15	7	-2
L5S	75	-19	12	-4
L5S	4+00E	-22	12	-4
L5S	25	-24	9	0
L5S	50	-26	3	0
L5S	75	-23	-1	3
L5S	5+00E	-26	5	1
L5S	25	-28	1	-4
L5S	50	-22	-14	-2
L5S	75	-18	-17	-1
L5S	6+00E	-15	-13	-2
L5S	6+25E	-12		-1
L6S	0+00	-8		2
L6S	25	-6		5
L6S	50	-6	-6	-1
L6S	75	-2	-10	-8
L6S	1+00E	0	-10	-2
L6S	25	2	-8	1
L6S	50	4	0	0
L6S	75	-2	16	-5

Line	Station	Dip (degree)	Fraser Filter	Quad	
L6S	2+00E	-8	17	-7	
L6S	25	-7	5	0	
L6S	50	-8	2	-2	
L6S	75	-9	6	-1	
L6S	3+00E	-12	9	-8	
L6S	25	-14	9	-8	
L6S	50	-16	8	-2	
L6S	75	-18	6	-4	
L6S	4+00E	-18	-1	-5	
L6S	25	-15	-3	-2	
L6S	50	-18	2	-2	
L6S	75	-17	7	-6	
L6S	5+00E	-23	11	-8	
L6S	25	-23	9	-5	
L6S	50	-26	4	-4	
L6S	75	-24	-5	-1	
L6S	6+00E	-20	-17	-2	
L6S	25	-13	-17	8	
L6S	50	-14	-4	1	
L6S	6+75E	-15		-8	
L7S	0+00	-7		8	
L7S	25	-5		8	
L7S	50	-6	0	4	
L7S	75	-6	2	0	
L7S	1+00E	-7	3	-2	
L7S	25	-8	-3	-5	
L7S	50	-2	-10	-4	
L7S	75	-3	1	-6	
L7S	2+00E	-8	15	-2	
L7S	25	-12	14	4	
L7S	50	-13	15	4	
L7S	75	-22	12	8	
L7S	3+00E	-15	-7	12	
L7S	25	-13	-9	0	
L7S	50	-15	0	-5	
L7S	75	-13	-2	-5	
L7S	4+00E	-13	-11	-8	
L7S	25	-4	-7	-26	
L7S	50	-15	13	-8	
L7S	75	-15	16	-1	
L7S	5+00E	-20	10	-8	
L7S	25	-20	1	-8	
L7S	50	-16	-10	-4	
L7S	75	-14	-12	4	
L7S	6+00E	-10	-5	7	
L7S	25	-15	9	4	
L7S	50	-18	13	2	
L7S	75	-20	8	0	
L7S	7+00E	-21		-4	
L8S	0+00	-12		8	
L8S	25	-12		2	
L8S	50	-8	-8	4	
L8S	75	-8	-4	4	
L8S	1+00E	-8	-3	-1	

Line	Station	Dip (degree)	Fraser Filter	Quad	
L8S	1+25E	-5	-8	-4	
L8S	50	-3	-10	-2	
L8S	75	0	-1	0	
L8S	2+00E	-7	16	0	
L8S	25	-12	22	0	
L8S	50	-17	20	-2	
L8S	75	-22	15	-3	
L8S	3+00E	-22	5	-1	
L8S	25	-22	-1	-4	
L8S	50	-21	-2	-8	
L8S	75	-21	-1	-10	
L8S	4+00E	-21	-5	-14	
L8S	25	-16	-18	-15	
L8S	50	-8	-22	-5	
L8S	75	-7	-8	-8	
L8S	5+00E	-9	10	-9	
L8S	25	-16	18	-14	
L8S	50	-18	10	-16	
L8S	75	-17	2	-10	
L8S	6+00E	-19	5	-8	
L8S	25	-21	7	-2	
L8S	50	-22	5	2	
L8S	75	-23	2	2	
L8S	7+00E	-22	3	-4	
L8S	25	-26	-8	4	
L8S	7+50E	-11		4	

APPENDIX J

DIAMOND DRILL HOLE LOGS

Angle & Azmth Tests			Easting (NAD 83): 687081	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709437	Total Depth:	102.41m
102.41	-51d		Grid Location:	Drilling Dates:	May 29 - June 1, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -45d		

Depth (metres)		Description	Mineralization %			Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		SUMMARY:				E07373	17.57	18.97	15	66
						E07374	18.97	20.22	5	56
		Lithology:				E07375	20.42	20.90	10	99
0.00	45.36	Ash tuff.				E07376	33.31	35.10	500	4039
39.56	45.36	Andesitic intrusive.				E07377	35.10	37.22	80	215
46.36	57.00	Brecciated tuff intruded by small andesite dikes.				E14401	37.22	39.56	25	11
57.00	61.50	Siliceus ash tuff.				E14402	39.56	41.06	5	87
61.50	102.41	Limy siltstones or dirty limestone, brecciated volcanic, (tuff?),				E14403	41.06	42.06	10	766
		andesite dikes.				E14404	42.06	43.56	20	648
						E14405	43.56	45.36	15	809
		Alteration:				E14406	45.36	46.36	30	1.01%
37.22	61.50	Skarn mineralization characterized by abundant wollastonite				E14407	46.36	47.85	5	424
		at 37.22 - 61.50, massive sulphide at 45.36 - 46.36, abundant				E07385	47.85	49.55	<5	300
		garnet 49.05 - 57.00, chloritization and less garnet at 57.00 - 61.50.				E07386	49.55	50.70	<5	213
61.50	102.41	Patchy garnet and wollastonite in intensely sheared or brecciated				E07387	50.70	52.20	<5	126
		rock.				E07388	52.20	53.91	5	64
						E07389	53.91	56.00	<5	76
		Structure:				E14408	56.00	57.00	<5	73
61.50	102.41	Major shear zone. Limestones are flowed, plasticly defrmed.				E14409	57.00	58.60	<5	28
		Volcanics are mainly brecciated.				E14410	58.60	60.05	30	138
						E14411	68.28	70.03	10	260
		Mineralization:				E14412	76.61	78.13	<5	32
		Minor pyrrhotite is ubiquitous in almost all rocks. Trace amounts				E14413	96.62	99.67	<5	23
		are disseminated; more occurs in fractures. Pyrite is less common								
		than pyrrhotite. Blebby chalcopyrite and 1m of massive pyrrhotite								
		occur in the 'skarn zone' at 37.22 - 61.50. Volcanics tend to contain								
		more sulphides than the limy siltstone.								
0.00	8.23	Casing - Overburden								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
8.23	9.57	Rubble. Rounded and angular pieces.Light greenish grey siliceous	tr							
		ash tuff. Very minor limonitic stains on fracture surfaces.								
		Fracture intensity is low, some fracs are hairline and black								
		(graphitic?) Estimate 65% core recovery.								
9.57	14.32	Very fine grained silicious ash tuff, generally light green	tr							
		grey. Mottled light colourings occur adjacent to qtz veinlets where								
		the rock tends to pale light green due to sericite alteration.								
		Weak sericite alteration tends to be pervasive throughout the core.								
		Many hairline dark grey (graphitic?) fracture fillings, all odd								
		orientations. Very minor pyrite tends to occur as fillings in very								
		small fractures. Rock is very hard and competant. No significant								
		sulfide mineralization is evident. Trace amounts of pyrite occur as								
		small blebs associated with qtz veinlets. Mottling in colouring is								
		due to fairly moderate pevasive sericite alteration extending								
		generally 4mm to 2cm beyond qtz veinlets.								
9.57	9.72	Fracture intensity is low. At 9.72 three cm section of more intense								
		fracturing with up to 1% pyrite in fractures.								
10.75	13.08	Moderately high fracture intensity. Mostly dark grey type.								
12.18	12.40	2% qtz veining, mostly 1mm diameter. Sericite alteration is								
		moderate, extending up to 4mm away from veinlet boundaries.								
		Predominant qtz vein orientation here is 10d to core axis (CA).								
14.32	17.57	Silicious ash tuff as before. Fairly uniform colour and texture.	tr	tr						
		Light greenish grey. Green colouring is due to weak pervasive								
		sericitation. Dark grey fractures make up half a percent								
		of the rock. These are often weakly magnetic (pyrrhotite).								
		Colouring is uniform, less mottled.								
17.57	18.97	Moderately high fracture intensity. Dark grey fractures (not								
		magnetic) predominate, at all odd orientations. At 17.8 one cm								
		qtz vein is at 20d to CA. This interval consists of 3% veins,mostly								
		qtz veinlets, also dark veinlets. Strongly mottled colouring is due								
		to sericitation adjacent to qtz veinlets. At 18.97 is a minor shear								
		zone characterized by white gouge (wollastinite?).								
		Some veins are carbonate.								
18.97	20.22	Similar to previous interval.	tr	tr						
20.22	20.42	40cm of rubble. Rods were pulled at this location resulting in								
		small cave-in.								
20.42	20.90	Lithology as before, moderately intense qtz hairline veining. At	tr	1						
		20.8 there is a 20cm interval of blebby pyrite and pyrrhotite								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		associated with brecciation and minor qtz veining. This interval is								
20.90	23.47	Typical lithology. Colour and mottled characteristics. Dark grey	tr	tr						
		fractues make up less than 1% of the rock.								
23.47	25.03	Typical lithology, highly silicious tuff. Dark fractures in manner		tr						
		similar to before.								
25.03	26.90	Greenish grey tuff as before.								
25.90	34.20	Rock is more greyish. Fracture intensity is lower. Fractures are								
		characterized by dark hairlines. Rock remains highly silicious.								
33.31	35.10	Darker green mottled grey green. Quartz and carbonate veining	1		1					
		5%. Qtz veins up to 8mm diameter. Pevasive sericite up to 2cm								
		from qtz veins. Blebby chalcopyrite adjacent to veins. Qtz vein								
		orientations 40d and 85d.								
35.10	37.22	Same description as pevious sample.	tr	tr	tr					
		Sericitation is pervasive and extends farther from qtz veins. Qtz								
		and carbonate veins makes 1% of rock.								
37.22	39.56	Light grey to white, highly silicious zone.								
		Contains several 2-10cm wide (wollastinite?) zones. These at								
		10d to CA. Somewhat softer than the enclosing silicified tuff.								
		Low fracture intensity. No sulphides.								
39.56	45.36	Medium green andesite dike. 60cm centred at 41.76 consists of	1		1					
		10% plagioclase phenocrysts. Andesite on both sids of this								
		porphyritic zone is finer grained with a massive uniform texture.								
		Blebby chalcopyrite at 42.26 is associated with the porphyritic								
		rock which appears to be intruded my the more massive andesite.								
		There may be two sets of dyke intruding the same structural								
		weakness. The contact between the plagioclase porphyritic								
		andesite and the massive fine grained andesite varies from 40d to								
		0d to CA. Pyrite mainly exists as fracture fillings. Fractures are								
		chloritic with weakly developed slickensides. The andesite is not								
		particularly interesting not withstanding the blebby chalcopyrite								
		at 42.06.								
45.36	46.36	MASSIVE SULPHIDE ZONE								
		Massive sulfides (60%). Pyrite and chalcopyrite is blebby,	10	50	5					
		peripheral to pyrrhotite. Clasts of sericitized andesite exist in a								
		matrix of sulphides. Very coarse dark (chloritic) bands exist in the								
		sulfide matrix at 75d to CA. Magnetic.								
		Brown tarnishing core suggests significant arsenopyrite.								
46.36	47.85	Brecciated sericitized rock, not the silicious tuff of above the	tr	2	tr					

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		andesite. Highly varied texture due to veining and brecciation.								
		Fairly strong sericite alteration, tend to be confined to fractures.								
		Not strongly pervasive in the country rock. High veining and								
		fracture intensity. 2% qtz vein. Magnetic. Some coarse biotite								
		on fractures. Minor pervasive epidote.								
47.85	57.00	Breccia as before.								
49.05	57.00	Occasional 1cm - 5cm andesite dikes at 35d to 10d to CA.	1	1	tr					
		Andesite has occasional 2mm plagioclase phenocrysys.								
		Some good contact relationships demonstrated here showing								
		intrusive nature of the andesite. Andesite is massive, homogenous.								
		Andesite makes up 5% of rock. Rest is GARNETITE breccia.								
		Between the andesite the brecciated tuff tends to be pink in colour								
		due to abundant (about 30%) garnet throughout this zone.								
		Fractures and veins are moderate. Quartz veins make up 2%								
		of rock. Qtz vein orientations generally 10d - 45d to CA.								
		Patchy pyrrhotite and pyrite concentrate at edges of quartz veins								
		but occur blebby and patchily disseminated in the breccia also.								
		Minor chalcopyrite occurs same way as other sulphides.								
56.00	57.00	More qtz veins (5%). Garnetite in 3cm wide spot. Dark green	<1	<1	tr					
		chloritized breccia. Qtz veins 25d - 40d to CA.								
57.00	61.50	Contact at 57.00m, characterized by 1cm qtz vein. Below contact		tr						
		is light grey chert. Very faint pinkish tinge may be due to weak								
		pervasive garnet. Rock below 61.5m is more greyish.								
		This 'chert' may be an intensly silicified tuff.								
		Some dark hairline fractures appear chloritic.								
		"chert'. Very minor pyrite and garnet crystals exist together in								
		qtz filled fractures. Fracture intensity is moderate. Veins low.								
57.00	57.10	Gradational change from greenish highly silicified volcanic to		tr						
		"chert'.								
61.50	78.13	Start of major shear zone at 61.5.	tr	tr						
		Medium grey less silicified strongly sheared rock.								
		Flow textures abundant. Dark grey country rock and white qtz								
		tectonic breccia clasts rolled in a grey 'banded' sheared matrix.								
		'Banding' texture is due to shearing. Infrequent garnet patches.								
		This grey rock fizzes weakly but readily. (Limy argillite).								
		Comparitively infrequent 10cm zones are chloritic. This sheared								
		rock may be interbedded 90% limy argillite and 10% tuff.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Generally siliceous but patchily increased silicification near qtz								
		veins. Whitish 'bands' (veins?) make up about 15% of rock.								
		Banding is predominantly 80d to CA but varies due to flowage.								
		Sulphides are blebby and concentrate at qtz veins and fractures.								
62.60	63.74	Pinkish tinge due to pervasive garnet.								
68.80	68.90	Pinkish tinge due to pervasive garnet.								
63.81	64.02	Green andesite dike characterized by 2mm plagioclase phenocrysts.								
65.50	65.71	Green andesite dike. Massive with 5% pyrrhotite in blebs.	5	tr						
		The andesite dikes are not sheared.								
64.51	66.62	40% white rock consisting of mixed quartz and wollastonite.								
		Milky and translucent hard mineral white fizzes weakly in acid.								
68.28	70.03	Sample here is representative of the sheared argilite-tuff. Has 3cm	<1	<1						
		garnitite zone. 20cm pyrrhotitic zone.								
		Contains more than the average amount of sulphides but not								
		especially interesting.								
72.21	75.39	More massive, homogenous greenish grey rock. Andesite dike?	1	1						
		2mm plagioclase phenocrysts. Rock is not sheared.								
		Rock is dense and hard, probably due to silicification.								
76.61	78.13	Average sheared rock. Intense banding at 60d to core axis.		tr						
		Contains 10% qtz-wollastonite bands. This bottom part of the								
		sheared rock is greener (tuff?).								
78.13	89.60	Shear zone continues to gouge zone starting at 89.6m.		tr						
		From 78.13m rock is								
		lighter coloured - 50% pale greenish grey volcanic and 50% white								
		qtz-wollastonite in bands at 75d to CA.								
		1% of the banding is pinkish (garnet). Rock from 78.13 is very								
		hard and silicious. Low fracture intensity. Flow textures and								
		rolled tectonic breccia clasts remain ubiquitous.								
		Rare insignificant sulphides, especially in the white bands.								
		Strong banding, flow textures, breccia and micro breccia are								
		ubiquitous from 61.5m to 89.6m. Some vuggy calcite veins.								
		Most of section fizzes in acid weakly but readily, likely due to								
		wollastonite.								
89.60	102.41	Soft grey gouge. Occasional hard zone of grey or white sheared	1							
		rock similar to what occurs in 78.13 to 89.6.								
		This gouge zone contains slightly more pyrite than the shear zone								
		above 78.13. This pyrite is concentrated in dark bands, is								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		patchily disseminated and tends to be very fine.								
	102.41	Dip test indicates hole is steeper at bottom. Hole may have been								
		caught up in the fault zone near bottom.								
		102.41m - End of Hole								
8.23	14.32	Box1								
9.57	11.28	98% core recovery.								
11.28	14.32	98% core recovery.								
14.32	19.79	Box2								
19.79	25.03	Box3								
14.32	15.85	98% recovery.								
15.85	17.37	98% recovery.								
17.37	20.22	98% recovery.								
20.22	20.42	42cm of rubble. 10% recovery.								
20.42	23.47	98% recovery.								
23.47	26.52	98% recovery.								
25.03	30.67	Box 4								
30.67	37.11	Box 5								
25.03	26.52	98% core recovery								
25.62	29.87	98% core recovery								
29.87	32.61	92% core recovery								
32.61	35.66	92% core recovery								
35.66	37.11	100% core recovery								
37.11	42.53	Box 6								
42.53	48.05	Box 7								
37.11	38.71	98% core recovery								
38.71	41.76	98% core recovery								
41.76	44.81	98% core recovery								
44.81	47.85	98% core recovery								
48.05	53.87	Box 8								
53.87	59.13	Box 9								
47.85	50.90	100% core recovery								
50.90	53.95	100% core recovery								
53.95	57.00	100% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
57.00	60.05	100% core recovery.								
59.13	64.85	Box 10								
64.85	70.63	Box 11								
60.05	63.09	100% core recovery								
63.09	66.14	100% core recovery.								
66.14	69.19	100% core recovery.								
70.63	76.33	Box 12								
76.33	81.98	Box 13								
69.19	72.24	100% core recovery.								
72.24	75.29	100% core recovery.								
75.20	78.33	100% core recovery.								
78.33	81.38	98% core recovery.								
81.98	87.65	Box 14								
87.65	95.55	Box 15								
81.38	84.43	100% core recovery.								
84.43	87.48	98% core recovery.								
87.48	90.53	65% core recovery								
90.53	93.57	60% core recovery.								
93.57	96.62	95% core recovery								
96.62	99.67	95% core recovery								
99.67	102.41	80% core recovery.								
95.55	101.56	Box 16								
101.56	102.41	Box 17								
	EOH									

Angle & Azmth Tests			Easting (NAD 83): 687081	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709437	Total Depth:	151.48m
151.48	-65d		Grid Location:	Drilling Dates:	June 4 - 8, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -65d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14313	29.56	31.08	5	87
		Lithology:				E14314	34.14	35.66	5	93
8.23	24.38	Andesite. Probably intrusive.				E14315	41.15	43.59	5	80
24.38	104.73	Tuff of variable texture. Local breccia.				E14316	49.10	50.90	20	68
104.73	137.45	Limy siltstones, brecciated volcanic (tuff?), andesite dikes.				E14317	53.04	54.56	5	97
137.45	151.48	Andesite. Probably intrusive.				E14318	59.73	61.26	5	15
		Alteration:				E14319	66.14	67.67	5	36
46.10	50.90	Skarn mineralization. Patchy silicification and garnet.				E14324	70.50	71.87	10	169
68.25	104.73	Patchy silicification, garnet, wollastonite.				E14325	71.87	73.37	<5	376
		71.87 - 81.00 has garnetite, probably coincides with garnetite zone				E14326	73.37	74.90	<5	345
		at 49.05 - 57.00 in DDH C 2004-1.				E14327	74.90	77.77	25	78
104.73	137.45	Locally abundant wollastonite.				E14328	77.77	79.30	20	65
137.45	151.48	Patchy garnet.				E14329	79.30	81.00	5	70
		Structure:				E14330	81.00	82.53	20	39
104.73	151.48	Major shear zone. Limy siltstones display plastic deformation,				E14331	82.53	84.50	35	40
		flow textures. Volcanics are brecciated, mainly.				E14332	84.05	84.90	30	41
		Mineralization:				E14333	84.90	87.00	35	89
		Minor pyrrhotite is ubiquitous. Pyrite is less common.				E14334	96.62	99.67	20	59
		Disseminated and concentrated at fractures. Minor blebby				E14335	103.52	104.73	825	83
		chalcopyrite exists in garnetite at 71m to 81m. No massive				E14336	131.72	133.66	30	30
		sulphides to coincide with that at 45.36 - 46.36 in DDH C 2004-1.				E14337	143.85	145.39	15	91
		Volcanics to contain more sulphides than siltstones.								
0.00	6.70	Casing - overburden								
6.70	8.23	Rubble. Mixture of silicious tuff and andesite.								
8.23	24.38	Highly fractured andesite. Light greyish green. Texture is mainly								
		massive and homogeneous. Probably a dyke. Lower half has very								
		poor core recovery. No significant sulphides. Very minor qtz								
		veining. Rock is generally soft and not silicified.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Hole was stopped at 24.38m. Rods pulled. Hole reamed out with								
		tricone and cased.								
24.38	29.56	Rubble of mixed rocks. Silicious and non-silicious tuffs, and								
		small chips of andesite (dike?). No significant sulfides. Few 2mm								
		qtz veins. Mostly medium to dark green.								
		At 29.56 is brecciated and veined contact with a light greenish								
		gray silicious tuff. Minor pyrite concentrates on vein boundaries								
		here.								
29.56	44.80	Light greenish grey tuff, similar to upper 40m. As in hole DDH-1.	tr	tr						
		Is characterized by many hairline fractures. Fracture intensity								
		is strong. Core tends to be very broken up. Sulphides tend to								
		concentrate on qtz vein boundaries and open fractures. Qtz veins								
		are minor making up less than 1% of the rock. Couple of 3mm qtz								
		veins at 60d to CA. Tuff's texture varies from very fine grained to								
		silicious to silty non-silicious. Fracture surfaces are chloritic.								
		And the dark hairline fractures may also be chloritic.								
		Pachily siliceous, appears mainly primary rather than alteration.								
44.80	46.10	Andesite dike. Medium green. Massive, homogenous. Less								
		fractured and veined than tuff above and below. Intrusive contact								
		evident at 46.1m.								
46.1	64.31	Siliceous tuff, sometimes 'cherty'. Mottled colour, light grey green	tr	tr						
		to dark green. Highly silicified. Skarn zone appears to start here.								
		Fairly high fracture intensity. Qtz veining 1%, generally 45d to CA.								
		20cm of rubble at 48.65m to 48.85m.								
		5cm garnetite evident at 49.1m. Occasional 2cm garnet patches								
		evident from 49.1m to 50.4m.								
		50% of rock is intensely silicified, occuring in irregular patches								
		lasting 1 to 5m. Somewhat sheared occasionally, but not the								
		shear zone of DDH-1 yet.								
		Rare sulphides mainly on fratures with chlorite.								
		Core recovery % varies due to broken nature of core.								
49.10	50.90	Somewhat more garnetiferous, veined and sheared here.								
52.5	64.31	Intense dark hairline fracturing. These are chloritic fractures.								
		Often the dark hairline fratcures appear a 'stockwork'.								
		Pyrite & pyrrhotite are slightly more in this zone but no								
		significant amount still. Qtz veinlets <1% of rock.								
		Similar 'boring siliceous tuff with dark hairlines' ran 8.8 oz/ton Ag in								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Trench No.3 - sample 2004T26.								
64.31	68.25	Lighter grey. More strongly silicified, cherty. Dark hairline	tr	tr						
		fractures are much fewer. Rock appears slightly more 'banded'								
		due to shearing. 'Banding' at 45d to CA.								
		Qtz veinlets about 1% of rock (lithic tuff).								
		Bottom half has more dark (chloritic?) fractures, and a pseudo								
		breccia appearance.								
68.25	70.50	Quartz & wollastonite vein. Includes some breccia clasts of								
		intensely silicifies green volcanic. 90% vein. Main vein is cut by								
		many small qtz veinlets at about 45d to CA. Main vein contact								
		at 68.25 is 45d to CA. Contact is gradational, blends slowly into								
		green volcanic. This vein appears to be particularly sulphide poor.								
		The skarn zone essentially begins at 68.25m								
70.50	71.87	Pervasively silicified and locally brecciated dark green volcanic.	3	2						
		Blebs & stringers of sulphides in breccia matrix, along fractures and								
		at contact at 71.87m. This contact is abrupt, well defined and								
		irregular. It appears essentially the termination of a chloritic zone								
		above and the beginning of a garnetite zone below.								
71.87	81.00	Pinkish rock, garnetite. Intensely altered green volcanic. Protolith	2	4	<1					
		indiscernable. Locally brecciated. Locally strong chlorite. Many								
		dark green chloritic fractures. Locally strongly chloritic irregular								
		patches. Qtz veining 1%. Overall mottled pink colour. This								
		garnetite zone is equivalent to DDH1's garnetite.								
		Garnet here is about 30%. Fairly strong pervasive sericite.								
81.00	85.90	Fairly strong pervasive sericite alteration continues. As above,	2	3	tr					
		intense patchy chlorite. Many dark green chloritic fractures.								
		Rock is not pink but occasional patches of garnet occur.								
		Locally brecciated. Qtz veining 3%. Protolith difficult to name.								
		3cm zone near 85m is porphyritic with 2-3mm plagioclse								
		phenocrysts, suggesting much of the protolith may be diorite or								
		andesite. Sulphides occur same manner as before but as smaller								
		blebs and stringers. Rock is mainly dark green when less altered.								
85.00	87.00	Above green rock blends gradually into white qtz-wollastonite	tr	tr						
		vein below. This interval is very mottled in colour green to white.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
87.00	100.80	Mostly white to light green qtz-wollastonite. Similar to 'vein' at	<1	<1						
		68.25m to 7.5m. White 'vein' makes up about 50% of rock here.								
		Intensely silicified greenish protolith here cannot be identified.								
		Pinkish garnet wisps occur.								
		Locally brecciated, sometimes pinkish garnet clasts occur.								
		There appears a variety of protoliths here, varying from very fine								
		grained (tuff?) to coarser grained andesitic rocks. The variety of								
		textures and rock types here are likely due to breccia clasts.								
		The main 'vein' is cut by many qtz veinlets which make up 1% of the								
		core in this interval.								
		Minor sulphides concentrare at sides of qtz veinlets.								
		Sample at 96.62m - 99.67m is considered average for this interval.								
100.80	103.52	Highly siliceous 'chert'. Medium grey. Highly fractured but still								
		very competent rock. No visible sulphides or alteration.								
103.52	104.73	Dark green volcanic. Strongly sheared. Brecciated. Difficult to say	1	4						
		whether the protolith was an andesite dike or a tuff. This rock is								
		very chloritic, not siliceous. Sulphides are blebby and occur in								
		fractures and with quartz and carbonate veinlets.								
		Considering that other dikes are not as sheared or brecciated in or								
		near the fault (below), this volcanic may not be a dike. Both								
		contacts above and below appear gradual fades from one rock type								
		to the adjacent. Lower contact is 45d to CA.								
104.73	107.3	White and light grey 'banded' intensely sheared and brecciated rock.		tr						
		Flow textures common. 104.73m may be considered start of major								
		fault zone. Grey rocks are limy siltstones. White rocks are qtz								
		and wollastonite, the wollastonite as always is whiter than qtz,								
		with 'mushy' short fibrous texture exibited at open fractures.								
		The wollastonite sometimes fizzes weakly in acid.								
		The contact at 107.3m is 45d to CA and is highly irregular, typical								
		of an intrusive contact. Some wisps of pyrrhotite concentrate								
		at this contact occuring preferentially in the intrusive below.								
		Minor garnet occurs as pinkish wisps in the white band, as pinkish								
		breccia clasts and as reaction rhinds around green volcanic clasts.								
		White 'vein' rock makes up 40% of this interval.								
107.3	110.53	Dark green massive homogenous andesite dike. Some light		tr						

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		plagioclase phenocrysyts. Minor sulphides on open fractures.								
		Not sheared. <1% qtz veining.								
110.53	111.56	Greyish green massive homogenous porphyritic andesite dike.		tr						
		Many 3mm plagioclase phenocrysts. 5% qtz veis at 45d to CA.								
		Minor sulphides on margins and in interior of qtz veinlets.								
111.56	135.7	Irregular intrusive contact at 111.56m.	tr	tr						
		White and light grey 'banded' intesely sheared, brecciated limy								
		siltstone as at 104.73 - 107.3. 5% veins.								
		As before, rock is charaterized by grey colour, banding and flow								
		textures due to intense shearing. Minor vey fine disseminated								
		sulphides in the grey siltstones, with minor concentration								
		adjacent to veinlets and minor greenish andesite dikes. The dike								
		rock is not sheared. The white bands are siliceous and strongly								
		sheared with the siltstones indicating these veins predate the								
		shearing. Markedly lean in sulphides.								
		Flow textures are ubiquitous. Local brecciation very common.								
		Medium green andesite dikes make up 5% of rock. Sulphides								
		tend to concentrate at dike contacts. The dikes are not sheared.								
		Sample No. E14336 consists of siltstone intrudes by a 10cm								
		andesite dike. Some large blebs of pyrrhotite at upper contact.								
		Above adjacent to the sample is 70cm of 40% wollastonite, 60%								
		qtz. Below adjacent to the sample is 140cm of same 'white' rock.								
135.7	137.45	50% wollasonite white rock. Strong banding and floww textures.								
		8cm of gouge at 137.45m - apparent fault here.								
137.45	151.48	Andesite. Medium to dark green. Variable texture, fine to medium	0.5	0.5						
		grained. The coarser grained versions tend to be porphyritic with								
		3mm plagioclase phenocrysts. The variance in texture is mainly due								
		to breccia clasts. This rock is locally brecciated. 10% qtz veins.								
		Generally sheared though shearing is much less evident than in the								
		siltstones above. Carbonate veinlets here with quartz.								
		Below 143.85m the andesite appears more veined with pseudo								
		breccia, some 1cm - 2cm clasts are pinkish garnetite. Garnet								
		generally <1% of the andesite interval. The andesite may be								
		skarnified to some extent suggesting an endoskarn here.								
		Sulphides are mainly disseminated, also concentrate at fractures								
		and adjacent to qtz veinlets. Average sulphide content appears								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		higher than any other rock above notwithstanding skarn zones.								
	151.48	End of Hole								
6.70	14.12	Box 1								
14.12	22.78	Box 2								
22.78	24.38	Box 3								
24.38	33.37	Box 4								
33.37	37.98	Box 5								
37.98	44.96	Box 6								
44.96	51.39	Box 7								
51.39	56.74	Box 8								
56.74	62.25	Box 9								
62.25	67.90	Box 10								
67.90	73.28	Box 11								
73.28	79.02	Box 12								
79.02	84.83	Box 13								
84.83	90.52	Box 14								
90.52	96.28	Box 15								
96.28	101.8	Box 16								
101.8	107.26	Box 17								
107.26	112.44	Box 18								
112.44	118.05	Box 19								
118.05	123.81	Box 20								
123.81	129.48	Box 21								
129.48	135.53	Box 22								
135.53	141.17	Box 23								
141.17	146.88	Box 24								
146.88	151.48	Box 25 EOH								
6.70	8.23	60% core recovery								
8.23	11.28	85% core recovery								
11.28	14.32	80% core recovery								
14.32	17.37	90% core recovery								
17.37	20.42	50% core recovery								
20.42	23.47	50% core recovery								
23.47	24.38	40% core recovery								
24.38	27.43	25% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
27.43	28.35	35% core recovery								
28.35	28.96	40% core recovery								
28.96	30.17	60% core recovery								
30.17	32.61	90% core recovery								
32.61	34.14	95% core recovery								
34.14	35.66	95% core recovery								
35.66	38.71	95% core recovery								
38.71	41.15	98% core recovery								
41.15	43.59	63% core recovery								
43.59	44.81	60% core recovery								
44.81	47.85	90% core recovery								
47.85	50.90	95% core recovery								
50.90	53.04	98% core recovery								
53.04	55.47	95% core recovery								
55.47	57.00	70% core recovery								
57.00	58.22	95% core recovery								
58.22	61.26	100% core recovery								
61.26	64.31	100 % core recovery								
64.31	65.23	90% core recovery								
65.23	67.67	100% core recovery								
67.67	69.49	100% core recovery								
69.49	72.24	95% core recovery								
72.24	75.28	100% core recovery								
75.28	78.33	100% core recovery								
78.33	81.38	100% core recovery								
81.38	84.33	100% core recovery								
84.33	87.48	100% core recovery								
87.48	90.52	100% core recovery								
90.52	93.57	100% core recovery								
93.57	96.62	100% core recovery								
96.62	99.67	100% core recovery								
99.67	101.80	100% core recovery								
101.80	102.72	100% core recovery								
102.72	105.76	100% core recovery								
105.76	108.81	100% core recovery								
108.81	111.86	100% core recovery								
111.86	114.91	100% core recovery								
114.91	117.96	100% core recovery								
117.96	121.00	100% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
121.00	124.05	100% core recovery								
124.05	127.10	100% core recovery								
127.10	130.15	100% core recovery								
130.15	133.20	100% core recovery								
133.20	136.24	100% core recovery								
136.24	139.29	100% core recovery								
139.29	142.34	100% core recovery								
142.34	145.39	100% core recovery								
145.39	148.44	100% core recovery								
148.44	151.48	100% core recovery EOH								

Angle & Azmth Tests			Easting (NAD 83): 687018	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709528	Total Depth:	102.11m
102.11	-47d		Grid Location:	Drilling Dates:	May 31 - June 3, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -50d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14414	29.56	30.85	295	2889
		Lithology:				E14415	30.85	32.35	35	37
0.00	58.90	Ash tuff, locally brecciated.				E14416	32.35	33.85	<5	16
58.90	90.53	Limy siltstones, brecciated tuff, andesite dikes.				E14417	33.85	35.66	25	131
90.53	102.11	Diorite.				E14418	35.66	37.16	5	250
		Alteration:				E14419	37.16	38.71	65	488
20.11	31.65	Rare garnet patches.				E14420	38.71	40.57	<5	361
31.65	37.20	Garnetite. Skarn mineralization.				E14303	40.57	41.91	40	1528
37.20	58.90	Patchy garnet and wollastonite.				E14304	41.91	43.46	20	1715
58.90	86.47	Locally abundant wollastonite, rare garnet.				E14305	43.46	44.81	20	1027
		Structure:				E14306	44.81	46.37	<5	556
58.90	90.53	Major shear zone. Limy siltstones display intense shearing and				E14307	46.37	47.85	<5	7
		plastic flow. Tuffs and dike rocks tend to be brecciated, weakly				E14308	47.85	49.10	<5	7
		sheared.				E14309	54.45	55.95	30	459
		Mineralization:				E14310	55.95	57.46	225	1054
		Pyrrhotite is ubiquitous. Pyrite is less common. Disseminated and				E14311	57.46	58.90	5	40
		concentrated at fractures, and at dike contacts.				E14312	69.19	70.62	45	21
		Minor blebby chalcopyrite near garnetite and wollastonite				E14320	85.40	87.17	5	20
		alteration at 31.65 - 55.95.				E14321	87.17	88.94	45	48
		No massive sulphide t correspond with that at 45.36 - 46.36				E14322	88.94	90.53	80	150
		in DDH C 2004-1.				E14323	93.27	94.79	5	127
		Volcanics tend to contain mre sulphides than the limy siltstones.								
		86.47 - 90.53 has 40% pyrite in intensely sheared fault zone with								
		gouge.								
0.00	6.70	Casing - Overburden								
6.70	15.80	Grey cherty tuff. Modertately high fracturing intensity. Mostly	<1	<1						
		black (graphitic?) hairline fractures at all odd orientations. Very								
		minor qtz veining at all odd orientations. Very hard competant								
		rock. Similar to rock seen in upper part of DDH - 1. Sulphides								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		are patchy, blebby, and tend to concentrate at fractures. Contact								
		at 15.80 is brecciated for 10cm.								
15.80	20.11	Silicious tuff breccia. Fairly high fracture intensity. Very coarse	tr							
		layering at 18.0 is at 90d to CA. Rock is greener than the cherty								
		rock above, and is patchy silicified. This rock appears to consist								
		of various lithologies. 10% of it appears to be plagioclase								
		porphyritic andesite. Moderate pervasive chlorite alteration								
		overprinted by weak pervasive sericite, patchily concentrated at								
		qtz veinlets. Sulphides and alteration generally weak.								
20.11	23.71	Light grey cherty tuff as in first section. Dark hairline fractures	<1	tr						
		predominate. Moderate fracture intensity. A couple of 5cm								
		andesite dikes at 80d to CA. Very minor qtz veinlets, 2mm.								
		Occasional 5mm-20mm pinkish zones (garnet?). Alteration as								
		above, weak chlorite overprinted by weak sericite. Sulfides as								
		usual, blebby and concentrated at fractures.								
23.71	29.56	Qtz veins about 4% of rock. Generally 3mm at odd orientations.								
		2cm qtz vein at 28.0 is at 20d to CA. The colour of this rock is								
		medium to dark green, non-silicious. Massive homogeneous								
		uniform not withstanding occasional tectonic brecciation and								
		pseudo-brecciation due to veins. Possibly a dyke.								
29.56	39.70	Fractured and occasionally brecciated tuff. Light to dark green.	<1	<1						
29.56	29.88	Contact zone with dike characterized with breccia. Qtz veinlets	5	20	5					
		60d to CA. Sulfides are blebby concentrated at fractures and qtz								
		veinlets.								
29.56	30.85	Dark green tuff, chloritic.								
30.40	30.80	Qtz vein greater than 4cm. Vein pseudo-breccia. Broken rock here.								
		10% pyrrhotite in vein.								
30.85	31.65	Light greenish sericitic tuff. Fractured and veined. Occasionally	2	2						
		pseudo-brecciated by qtz veins. Qtz veins are 5% of rock.								
		Whisps of pinkish garnet.								
31.65	37.20	Garnetite, tuff is pinkish. Contains 1cm islands of green rock.	tr	<1	<1					
38.71	46.37	Silicious tuff. Patches and breccia clasts of pinkish garnetite	2	2	0.5					
		make up 10% of rock. 1mm - 10mm qtz veins make up 10% of								
		rock. Fairly strong chloritic alteration overprinted by weak								
		sericitic. Patchily brecciated, this appears to be pseudo breccia								
		related to veins. Dark grey overall. Fractures tend to be								
		heavily chloritic. Occasional chalcopyrite blebs throughout.								
39.41	39.95	Green andesite dyke. 1mm plagioclase phenocrysts.								
46.37	49.10	Light grey to whitish rock. Stronly fractured. Small green and								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		grey clasts in a qurtz and wollastonite matrix. Very fine pyrite								
		in open fractures. 10cm of gouge at 49.10m tp 49.20m.								
49.10	57.46	Dark green chloritic non-siliceous tuff. Characterized by higher	tr	tr						
		proportion of qtz veins at many odd orientations, generally at 10d								
		to 90d to core axis (CA). Occasional pinkish patches of garnet.								
54.45	55.95	Breccia. 10% qtz veins. 5mm qtz vein at 20d to CA. Sulphides	5	5	<1					
		occur as blebs in breccia matrix and on margins of qtz veins.								
		Pyrrhotite is weakly or not magnetic.								
51.99	54.45	Andesite dyke. Massive homogeneous, light green. 5% qtz veins								
		at 40d to CA.								
57.46	58.90	Vein breccia. Variable colour, white gray greenish. 60% qtz vein,	5	<1	tr					
		at many orientations. Mostly 45d to CA. Vuggy 1cm qtz calcite								
		banded vein, with dark band of discontinuous sulphide.								
		Sulfides concentrate at vein and clast boundaries, and blebs in								
		breccia matrix, and as small massive sulphide clasts up to 1cm in								
		qtz pseudo-breccia.								
58.90	63.00	Light dark grey limey sedimentary rocks. Strongly banded due to	tr							
		intense shearing. 5% qtz veins. Locally brecciated adjacent to								
		dike intrusion. Mixed 50% with andesite dikes.								
		Andesite dikes are light green massive homogeneous. Locally	tr							
		brecciated and veined, and containing up to 12cm xenoliths of grey								
		sheared sedimentary rock. Occasional 1cm wollastinite fracture								
		fillings. The grey sedimentary rock's texture varies from mostly								
		silty to sandy. Minor amounts of sulfides concentrate at vein								
		boundaries and open fractures.								
63.00	65.71	Medium green andesite dike. Lower portion is lighter and somewhat	<1							
		yellower due to pervasive sericitic alteration. Massive, not								
		sheared but locally brecciated adacent to qtz-wollastonite veins.								
		Veins are 15% of rock. Central portion contains 10cm clast or								
		xenolith of pink rhodochrosite (soft, fizzes in acid).								
		Small hard pinkish spots appear to be garnet.								
65.71	75.53	Strongly sheared limey siltstones as above. Flow textures common.	<1							
		Qtz veins about 10% of rock and 45d to 90d to CA.								
		66.65m - 67.7m is predominantly quartz and wollastonite.								
		Some small calcite veins occur.								
		Breccia is common.								
		Sample E14312 has slighly more pyrite (blebby and adjacent to								
		qtz veins). Sample to test average breccia here.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
75.53	83.80	Light green massive andesite dike. Not strongly sheared but high	tr							
		fracture intensity. Pervasive sericite alteration. Contains clasts up								
		to 1cm size of dark grey siltstone xenoliths. Brecciation and								
		rolled xenoliths suggest this dike was affected by movement in								
		this major fault zone. Very minor disseminated pyrite.								
83.80	86.47	Light grey and white intensely silicified rock - 'chert' and veins.	1	<1						
		Intensely brecciated and veined. Qtz veins and wollastonite are								
		abundant. 50% veins. Sulphides concentrate at open fractures.								
86.47	90.53	Intensely sheared, brecciated vein rock. Flow textures are abundant.	40							
		Very high pyrite content. Rock has a 'banded' look due to								
		shearing. This appears to be the heart of a major fault.								
		No pyrrhotite (no magnetics).								
90.53	102.11	Dark green diorite. Sometimes lighter green. Massive, relatively	1							
		homogenous. Fine to medium grained. 1mm - 2mm plagioclase								
		phenocrysts occur locally. 2% small quartz veins & veinlets at								
		all orientations to core axis. Moderate pervasive sericite and patchy								
		epidote occur near qtz veins, do not extend far from veins.								
		Hematite on some open fractures.Pyrite is disseminated and in								
		fractures.								
102.11		End of Hole								
6.7	12.21	Box 1								
12.21	18.1	Box 2								
18.1	23.62	Box 3								
23.62	29.10	Box 4								
29.10	34.62	Box 5								
34.62	40.57	Box 6								
40.57	46.11	Box 7								
46.11	51.41	Box 8								
51.41	57.00	Box 9								
57.00	62.76	Box 10								
62.76	67.89	Box 11								
67.89	73.58	Box 12								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
73.58	78.87	Box 13								
78.87	84.56	Box 14								
84.56	91.26	Box 15								
91.26	97.02	Box 16								
97.02	102.11	Box 17 EOH								
6.70	8.23	95% core recovery								
8.23	11.28	98% core recovery								
11.28	14.33	98% core recovery								
14.33	17.37	100% core recovery								
17.37	20.42	100% core recovery								
20.42	23.47	100% core recovery								
23.47	26.52	100% core recovery								
26.52	29.56	100% core recovery								
29.56	32.61	98% core recovery								
32.61	35.66	90% core recovey								
35.66	38.71	95% core recovery								
38.71	41.76	98% core recovery								
41.76	44.81	98% core recovery								
44.81	47.85	98% core recovery								
47.85	50.90	100% core recovery								
50.90	53.95	100% core recovery								
53.95	57.00	98% core recovery								
57.00	60.05	100% core recovery								
60.05	63.10	100% core recovery								
63.10	66.14	100% core recovery								
66.14	69.19	100% core recovery								
69.19	72.24	100% core recovery								
72.24	75.28	100% core recovery								
75.28	78.33	100% core recovery								
78.33	81.38	100% core recovery								
81.38	84.43	98% core recovery								
84.43	87.17	98% core recovery								
87.17	88.39	80% core recovery								
88.39	90.53	90% core recovery								
90.53	91.13	70% core recovery								
91.13	92.66	95% core recovery								
92.66	94.79	98% core recovery								
94.79	95.71	98% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
95.71	96.93	100% core recovery								
96.93	99.06	98% core recovery								
99.06	102.11	98% core recovery EOH								

Drill Hole Record

Drill Hole No.: DDH C 2004 4

Angle & Azmth Tests			Easting (NAD 83): 687154	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709349	Total Depth:	58.83m
56.39	-54d		Grid Location:	Drilling Dates:	June 6 to 12, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -50d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14373	21.40	22.80	20	79
		Lithology:				E14374	22.80	24.33	10	65
0.00	58.83	Ash tuff, locally brecciated. Andesite dikes common lwer down.				E14375	25.64	27.20	10	81
		Alteration:				E14376	43.47	44.80	15	71
46.30	58.83	Weak rare patchy garnet.				E14377	44.80	46.30	5	72
47.87	49.40	Patchy wollastonite.				E14378	46.30	47.71	15	79
27.80	31.00	Weak rare patchy garnet.				E14379	47.71	49.30	5	60
		Structure:								
56.20	58.83	Gouge and rubble. Fault.								
		Mineralization:								
		Minor pyrrhotite is ubiuitus in almost all rocks. Trace amounts								
		are disseminated; more occurs in fractures. Pyrite is less common								
		than pyrrhotite. Sulphides are slightly elevated in garnetiferous								
		zones. No significant sulphides.								
		Hole terminated early due to excessive squeezing on rods in								
		highly fractured ground conditions. Target (VLF-EM anomaly)								
		not reached.								
0.00	10.01	Casing - overburden.								
10.01	11.28	Overburden. Rounded stones, rubble. Various lithologies, mostly								
		green medium grained diorite, some light grey ash tuff.								
11.28	15.24	Probable overburden. Rounded diorite stones, rubble.								
15.24	21.40	Massive light grey very fine grained siliceous ash tuff. As in		tr						
		trenches and in other holes this lithologic unit is characterized by								
		many dark (chloritic) hairline fractures. Otherwise no								
		significant sulphides, veining or hydrothermal alteration.								
		Very minor pyrrhotite exists in fractures.								
21.40	22.80	Same rock as above. Highly fractured.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		At 21.40m is 3cm of gouge, and 20cm of broken rubble below.								
		At 22.0m, & down 20cm is fault breccia, very chloritic matrix.								
		Fault contact at 22.20m is 45d to core axis (CA).								
		No significant increase in sulphides in this fault zone.								
22.80	31.00	Light greenish grey ash tuff. Siliceous. Texture and colour is	0.5	0.5						
		more varied than rock at 15.24 to 21.20m. Moderately fractured.								
		Locally brecciated. Overall rough banded appearance, due to								
		bedding. Lithologic variances are in colour and grain size. Light to								
		darker grey, sometimes light greenish. Several 1 - 2cm pinkish								
		bands appear to be garnetiferous. The lithologic bands show a								
		weak shearing, the effect of faulting.								
		15cm shear at 26.2m is 40d to CA.								
		Narrow garnet 'bands' exist to 29.0m. They appear to preferentially								
		associate with greener (sericitic) rock								
31.00	46.30	Massive light grey very fine grained siliceous ash tuff	tr	0.5						
		characterized by many dark (chloritic) hairline fractures. Same								
		rock as at 15.24 - 21.40m. From 35.70m fracture intensity is high.								
		At 33.89m is 3cm gouge at 70d to CA.								
		Sulphides concentrate in fractures. Some locations show very								
		fine disseminated pyrrhotite, suggesting overall sulphide content								
		can approach 1% in some places.								
46.30	58.83	Same rock as above. Locally brecciated, generally highly fractured.	tr	tr						
		Locally banded from bedding. The bedded zones show the								
		sheared nature of the rock better. Shearing does not appear								
		especially intense but it generally does not in these mainly massive								
		rocks. Occasional narrow pinkish (garnet?) wisps concentrate at								
		places where chloritic fractures are more common.								
47.87	49.4	Lithologic bedding is apparent. Rock appears 'banded'.								
		At 49.1. a 15cm patch of wollastonite and faint pinkish (garnet?).								
		More veining here. 1% veins, mainly carbonate.								
		Highly fractured. Pervasively silicified.								
49.4	50	Dark green massive andesite dike.								
55.5	55.7	Andesite dike as above, 32d to CA.								
55.7	56.2	Ash tuff. Rounded rubble fragments.								
56.2	57.3	Gouge and fine rubble.								
57.3	58.83	No core recovery.								
36.50	58.83	Fracture intensity increases and core gets more broken and rubbly								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		steadily to bottom of hole. From 49.0m core is very broken with								
		very poor core recovery. Hole is very tight, squeezing from top to								
		bottom. Hole stopped prematurely, before target depth of 100m.								
	58.83	End of Hole								
10.01	19.36	Box 1								
19.36	25.20	Box 2								
25.20	31.02	Box 3								
31.02	36.54	Box 4								
36.54	42.14	Box 5								
42.14	47.71	Box 6								
47.71	58.83	Box 7 End of Hole								
15.24	16.76	90% core recovery								
16.76	18.59	95% core recovery								
18.59	20.42	100% core recovery								
20.42	23.47	98% core recovery								
23.47	26.52	98% core recovery								
26.52	29.56	100% core recovery								
29.56	32.61	100% core recovery								
32.61	35.66	98% core recovery								
35.66	38.71	98% core recovery								
38.71	41.76	98% core recovery								
41.76	44.80	98% core recovery								
44.80	47.85	98% core recovery								
47.85	56.39	50% core recovery								
56.39	57.30	50% core recovery								
57.30	58.83	0 core recovery End of Hole								

Angle & Azmth Tests			Easting (NAD 83): 687178	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709282	Total Depth:	99.67m
99.67	-50d		Grid Location:	Drilling Dates:	June 7 - 8, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -50d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14338	14.33	16.30	20	124
		Lithology:				E14339	16.30	17.37	15	81
0.00	99.67	Ash tuff, lithic tuff, and andesite prphyry dikes.				E14340	19.52	21.95	20	109
		Tuffs are locally brecciated. Andesite dikes more common				E14341	27.13	28.66	20	158
		below 74.10.				E14342	33.51	35.36	20	104
		Alteration:				E14343	38.40	40.59	15	58
		Patchy elevated chloritization adjacent to dikes.				E14344	44.80	46.25	20	55
		Structure:				E14345	47.00	48.95	30	94
10.00	47.00	Subtle weak local shearing.				E14346	64.31	66.75	10	139
		Mineralization:				E14347	78.33	79.86	40	102
		Minor pyrrhotite is ubiquitus in almost all rocks. Trace amounts				E14348	84.96	86.26	20	84
		are disseminated; more occurs in fractures. Pyrite is less common				E14349	90.68	92.35	15	81
		than pyrrhotite. Sulphides slightly elevated near dikes but not				E14350	96.01	97.54	25	94
		significant.								
		No significant conductor discovered. Targeted VLF-EM anomaly								
		here may be due to changes in lithologies of different resistivities.								
0.00	7.62	Casing - overburden								
7.62	7.94	Andesite porphyry. Medium grained. Medium green.		tr						
		Massive, homogenous.								
7.94	8.00	Very fine grained ash tuff. Medium green.								
8.00	10.30	Mixed tuff and andesite. About half each. Andesite exists as 20-30cm		tr						
		dikes.								
10.30	16.30	Fine grained green ash tuff as above. Quite siliceous notwithstanding		tr						
		general green colour. Local microbreccia and pseudo breccia at								
		veins. Carbonate and qtz veins make up 5% of rock.								
		Close inspection reveals the rock is moderately sheared. This is not								
		obvious upon cursory examination. Fracture intensity is high.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Fairly strong pervasive chloritic alteration predominates.								
16.30	17.37	Rock colour blends into medium grey and rock appears more								
		siliceous and finer grained than above. Fracture intensity high.								
17.37	19.52	Mixed very fine ash tuff and porphyritic diorite. Local brecciation.	tr	0.5						
		High fracture intensity. 1 - 2mm calcite & qtz veins make up 2%								
		of rock. Fairly high intensity of white micro veins.								
19.52	24.70	Greyish very siliceous ash tuff, similar to previous interval and to		tr						
		'cherty' tuff seen in Trench 3 and Trench 4. Dark hairline fractures								
		are a distinguishing characteristic, thought in Trenches to be								
		graphitic. These hairline fractures are more clearly chloritic in core.								
		Sheartextures are evident, though not as glaringly obvious as in								
		DDH's 1 to 3, in the siltstones.								
		1mm qtz & carbonate veins make up 1% of rock.								
		Rock has been sheared since about 10m. 'Banding' is not obvious								
		as in silstones but close examination reveals stretched and smeared								
		fabric. Local brecciation can be strong. Occasional flow texture.								
		From 24.2m to 24.7m rock is very highly fractured. 7cm gouge								
		exists at 26.4m. This may represent a fault.								
24.70	47.00	Medium green tuff. Somewhat greener and coarser grained, much	tr	tr						
		less siliceous than grey rock above. Shear and flow textures evident								
		though less obvious than in the siliceous rocks above. Shearing is								
		rather weak. Occasional rounded 1mm - 4mm black clasts. This								
		rock appears to be a lithic tuff.								
		1mm carbonate veins make up 1% of rock.								
		Samples E14342, E14343 taken where vein content is greater,								
		about 2%. Vein sizes are 1mm - 3mm predominantly, some larger								
		ones are 10mm.								
		Sulphides are mainly on fractures. Some pyrite crystals are								
		relatively large at 0.5mm. More pyrite is disseminated than								
		pyrrhotite. Fairly strong pervasive chlorite alteration.								
47.00	51.80	Medium greenish grey to grey. Finer grained. Mostly lithic, some	<1	<1						
		ash tuff, alternating. Not very different to above rock.								
		Contact at 47.0m is marked by a 4cm quartz vein at 20d to CA.								
		Vein fizzes slightly in acid, may contain some carbonate. This								
		vein consists of 5% pyrite & 5% pyrrhotite on edges and within,								
		parallel to edges.								
		Rock is locally pseudo brecciated by veinlets, sometimes with								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		many subparallel wavy veins imparting a 'crazed' texture.								
		Variable degrees of hardness and silicification.								
		Chlorite alteration is pervasive, not as strong as above.								
		Samples E14344, E14345 taken where vein content is greater,								
		about 2% and 3%, respectively.								
		Sulphides mainly at veins and fractures, some disseminated.								
51.80	61.58	Light to medium green. Fine and medium grained. Maily lithic,	<1	<1						
		also ash tuff. Frequent, repetitive changes in texture, colour, grain								
		size. Lithic fragments are occasionally obvious, some clasts up								
		to 1cm. Pervasive chloritic alteration is ubiquitous, of variable								
		intensity. Moderate fracturing. Quartz and carbonate veinlets make								
		up 0.5% of rock.								
61.58	67.77	Good lithologic contact at 61.58m, at 80d to CA (core axis).	tr	0.5						
		From here is finer and more siliceous. Colour remains generally same								
		as above. Somewhat variable, as above. Overall, variations in								
		rock have been textural, colour, grain size which do not appear to be								
		especially significant. Alteration, veining, mineralization seem to								
		vary on their own, with any version of the tuff host rock as affected								
		as the next. Veins as usual, about 1% of rock. Sulphides mainly								
		at fractures with minor amounts disseminated.								
		Locally brecciated.								
67.77	74.10	Somewhat coarser and less siliceous again, similar to 51.80 61.58m.	0.5	0.5						
		Small black rounded lithic clasts sometimes seen. More 1mm								
		plagioclase crystals. This tuff unit revealed in this core is highly								
		variable in characteristics. These frequent variations in lithologic								
		characteristics may signigicantly affect deposition of minerals,								
		though sulphides and veinig are as usual above.								
74.10	99.67	Light to medium grey very fine grained highly siliceous tuff. Similar		<1						
		to rock at south end of Trench 3. Contacts at each end are								
		gradational conformable lithologic contacts (not intrusive).								
		Contacts are about 70d to CA.								
		Rock is not sheared. Brecciation is pseudo breccia adjacent to veins								
		and occurs only locally.								
		Rock appears massive homogenous. Few dark subrounded								
		fragments. As in Trench 3 this rock is characterized by many								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		dark (chloritic) hairline fractures , often in a 'crazed' pattern.								
		Sulphides concentrate at fractures, also occur extremely fine								
		grained disseminated difficult to see or identify. Sulphides may								
		actually be close to 1%.								
		Weak pervasive chloritic alteration in this section.								
		Plagioclase porphyritic andesite dikes from 81.78m to 82.08m and								
		and 82.26 to 82.50m. Dike contacts have 2mm selvages of								
		pyrrhotite. Somewhat higher degree of fracturing and dark								
		'crazed' hairline fractures near these dikes.								
		From 80.77m to about 84.5m this rock is slightly greener due to								
		pervasive chlorite.From 84.5 to 85.1m and 89.35 to 90.67m								
		Dark grey massive andesite dike. Contact at 85.1m has 3cm								
		carbonate vein along it at 55d to CA.								
		Contact at 90.67m is 60d to CA. Niether contact has significant								
		sulphide mineralization or alteration. The light grey tuff intruded								
		is slightly brecciated at the lower contact.								
		The dark hairline fracturing does not occur in the dikes. Carbonate								
		veining is about 1% in tuff and dikes, overall.								
		Samples E14348, E14349 target tuff adjacent to dike and containing								
		relatively more dark hairline fractures.								
		Sample E14350 targets tuff with somewhat higher degree of								
		dark hairline fracturing.								
	99.67	End of Hole								
7.62	13.85	Box 1								
13.85	19.52	Box 2								
19.52	24.92	Box 3								
24.92	30.17	Box 4								
30.17	35.67	Box 5								
35.67	40.59	Box 6								
40.59	46.25	Box 7								
46.25	51.78	Box 8								
51.78	56.99	Box 9								
56.99	62.36	Box 10								
62.36	67.88	Box 11								
67.88	73.03	Box 12								
73.03	78.9	Box 13								
78.9	84.52	Box 14								
84.52	90.05	Box 15								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
90.05	95.74	Box 16								
95.74	99.67	Box 17 End of Hole								
7.62	11.28	90% core recovery								
11.28	14.33	100% core recovery								
14.33	17.37	100% core recovery								
17.37	20.42	100% core recovery								
20.42	23.47	100% core recovery								
23.47	25.91	95% core recovery								
25.91	27.13	90% core recovery								
27.13	29.56	98% core recovery								
29.56	32.00	98% core recovery								
32.00	35.36	100% core recovery								
35.36	36.58	98% core recovery								
36.58	38.40	95% core recovery								
38.40	41.15	98% core recovery								
41.15	42.06	98% core recovery								
42.06	44.80	95% core recovery								
44.80	47.85	100% core recovery								
47.85	50.60	98% core recovery								
50.60	52.75	98% core recovery								
52.75	55.78	100% core recovery								
55.78	57.91	100% core recovery								
57.91	60.66	100% core recovery								
60.66	61.26	100% core recovery								
61.26	64.31	100% core recovery								
64.31	66.75	100% core recovery								
66.75	68.58	98% core recovery								
68.58	71.02	100% core recovery								
71.02	74.07	100% core recovery								
74.07	75.28	100% core recovery								
75.28	78.33	100% core recovery								
78.33	81.38	100% core recovery								
81.38	82.90	100% core recovery								
82.90	86.26	100% core recovery								
86.26	89.31	100% core recovery								
89.31	92.35	100% core recovery								
92.35	95.40	98% core recovery								
95.40	96.01	100% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
96.01	98.45	100% core recovery								
98.45	99.67	100% core recovery End of Hole								

Angle & Azmth Tests			Easting (NAD 83): 687225	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709444	Total Depth:	108.81
108.81	-46d		Grid Location:	Drilling Dates:	June 8 to 10, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 240d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -45d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14351	11.28	12.50	140	110
		Lithology:				E14352	12.50	13.72	10	11
0.00	11.30	Ash tuff.				E14353	13.72	14.94	15	123
11.30	39.53	Limy siltstones or dirty limestone.				E14354	23.47	25.00	70	4
39.53	43.04	Brecciated, altered volcanics (tuff?).				E14355	25.00	26.52	15	16
43.04	47.02	Limy siltstones or dirty limestone.				E14356	39.56	41.00	55	30
47.02	73.13	Mixed volcanic (tuff?), siltstone, wollastonite.				E14357	41.00	42.27	240	277
73.13	80.77	Limy siltstone, some volcanic (tuff?).				E14358	44.80	46.35	25	4
80.77	86.70	Brecciated tuff.				E14359	47.85	49.38	20	18
		85.80 - 86.70 has 30% pyrrhotite.				E14360	57.00	58.53	20	3
86.70	108.81	Ash tuff. No significant veining, alteration, mineralization or				E14361	58.53	60.04	40	4
		fault-related textures.				E14362	67.04	68.64	20	96
		Alteration:				E14363	73.13	74.68	5	4
13.72	41.00	Abundant wollastonite.				E14364	78.30	80.65	15	202
41.00	42.27	10% garnet patches.				E14365	80.77	82.30	225	365
43.04	78.30	Locally abundant wollastnite.				E14366	82.30	83.80	106	24
80.77	86.70	Patchy garnet. Skarn mineralization.				E14367	83.80	85.80	75	108
		Structure:				E14368	85.80	86.70	80	1570
11.30	86.70	Major shear zone. Limy siltstones display plastic flow.				E14369	86.70	87.78	25	359
		Volcanics tend to be brecciated. Several gouge (fault) zones.				E14370	96.62	98.68	20	32
		104.95 has gouge (fault).				E14371	105.16	106.69	5	50
		Mineralization:								
		Minor pyrrhotite is ubiquitous in almost all rocks. Trace amounts								
		are disseminated; more occurs in fractures. Pyrite is less common								
		than pyrrhotite.								
85.80	86.70	30% pyrrhotite in skarn. Volcanics tend to contain more sulphides								
		than the limy siltstones.								
85.80	86.70	**Sample E14368 has 68.0 g/t Ag.**								
86.70	87.78	**Sample E14369 has 32.2 g/t Ag.**								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
0.00	7.62	Casing - Overburden								
7.62	8.68	Mostly rubble. Probably still overburden. Mostly porphyritic								
		andesite intrusive. 8.50m has an intrusive contact at 50d to core								
		axis (CA). 1cm of coarse pyrite at contact. Below is highly								
		siliceous tuff, described below.								
8.68	11.30	Highly siliceous tuff. Very fine grained. Light greenish grey.	tr	tr						
		Highly fractured, locally brecciated. 1% quartz veins. No carbonate								
		Minor sulphides tend to concentrate at vein selvages and fractures.								
		Weak pervasive chlorite.								
11.30	13.72	Fault zone. Intensely sheared rock. Flow textures evident in places.	1							
		Brecciated, intensely fractured.								
		Greenish tuff to about 11.5m. Contact here at 65d to CA.								
		From 11.5 to 12.5m is white carbonate vein . Very fine grained	5							
		patchy pyrite in vein concentrates in shear planes.								
		From 12.5 to 13.72m is mostly rubble. Rocks are mainly white	<1							
		vein and mixed vein & grey limy siltstone.								
		10cm gouge zones at 11.78m, 12.3m, 13.0m 1nd 13.7m.								
13.72	20.80	Mixed white vein & grey limy siltstone.	<1	tr						
		16cm andesite dike at 17.5m at 70d to core axis (CA).								
		10 % wollastonite, 5% carbonate veins, 13.7 to 17.0m.								
		The wollastonite fizzes vey weakly in acid.								
		Not so intensely sheared as previous interval, but siltstone shows								
		shearing and flow texture.								
20.80	29.30	40% wollastonite. 10% carbonate and quartz veins veins.	tr	tr						
		Grey limy siltstones show occasionally throughout this section,								
		exhibiting shear and flow textures.								
		13cm andesite dike at 26.2m, 75d to CA.								
		25cm andesite dike at 29.24m, 80d to CA.								
		20.8 to21.2m 30% of rock has faint pinkish colour indicating some								
		small garnets may be present.								
29.30	30.55	Mixed wollastonite and limy siltstone.								
30.55	30.90	Andesite dike. Light green very fine grained. Lower contact is								
		irregular.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
30.90	39.53	Mixed siltstone and wollastonite-carbonate-quartz as 13.72-20.80.		tr						
		Shearing and flow textures very evident. 'Banding' at about 40d								
		to CA.								
		At 39.53m 6cm of white wollastonite gouge, possible fault.								
39.53	41.00	Mixed white vein and dark green volcanic. The volcanic has so	<1	<1						
		much white blended into it that the protolith cannot be identified.								
		The white is mostly wollastonite. Quartz and carbonate also.								
		10% vein. The volcanic is very fine grained, siliceous and								
		appears pseudo-brecciated by many microveins.								
41.00	42.27	Coarser less siliceous volcanic. Dark green. Patchily pinkish in	<1	<1						
		colour likely garnetiferous. Garnet is very fine grained, no crystals								
		to identify. 10% disseminated fine garnet.								
		Sulphides are patchily disseminated, concentrated at fractures.								
		Andesite dike parallels core axis for several cm.								
		Brecciated and intensely fractured. Sulphides as usual concentrate								
		at fractures and vein selvages. Minor sulphide disseminated in								
		garnetiferous areas.								
42.27	43.04	Brecciated veined volcanic (tuff?) as above. No pinkish (garnet).	tr	tr						
43.04	47.02	Light to dark grey limy siltstone. Intensely sheared with flow								
		texture. 25% is white vein, mostly wollastonite and carbonate,								
		lesser quartz. White vein parts are stretched and broken as if in								
		boudinage. Siltstones are always poorer in sulphides than volcanics.								
47.02	73.13	Light to dark green very fine grained volcanic. Same as at 39.53	tr	tr						
		to 41.00m. Much white rock blended in. Intensely fractured and								
		brecciated. Intense shearing sometimes evident, mostly in the								
		whiter, veined areas. Veins are mainly wollastonite, with								
		carbonate common, and quartz. Alas, very lean in sulphides.								
		Wollastonite is cut by later quartz veins. Pervasively silicified.								
		51.5 to 54.5m wollastonite vein appears to parallel core axis,								
		making up about 30% of core here.								
		Pervasive silicification is usually intense. White (vein rock) makes								
		up about 60% of rock. Very lean in sulphides overall.								
		Dark grey limy silstone occurs at 54.1 to 55.17m, 61.5 to 62.0m,								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		and several 5cm to 10cm (breccia?) clasts in a matrix of white								
		wollastonite & quartz veins and intensely silicfied light green								
		volcanic rock. Carbonate appears to be moderately pervasive.								
		Intense shearing is always very obvious in the siltstone rocks,								
		less so in the white vein rocks, and usually absent in the green								
		volcanic rocks, they being brecciated instead.								
		Approximately 64.0m to 71.5m Rock is especially hard , silicified.								
		Wollastonite patshes here making about 50% of rock.								
		10cm andesite dike at 67.14m has coarse pyrite at contact.								
		25cm andesite dike at 68.55m, has string of coarse pyrite in								
		chloritic interior. 10cm andesite dike at 68.8m.								
		Sample E14362 targets silicate rock with small andesite dikes								
		with associated pyrite at dike contacts.								
73.13	78.30	Intensely sheared and flowed limy siltstone as at 43.04 to 47.02.								
		Brecciated, 25% white vein and wollastonite patches.								
		Sample E14363 targets lithologic change to limy siltstone at 73.13m.								
78.30	80.77	Same intensely sheared limy siltstone as above. This section is	5							
		more brecciated and contains clasts of brecciated volcanic of								
		section below. Sulphides are concentrated at 79.55m to 79.87m.								
		Mostly pyrite, (also pyrrhotite? - not magnetic).								
		79.87 to 80.1m is brecciated volcanic.								
		80.1 to 80.77 is silstone, extremely sheared and brecciated as								
		since 79.55m.								
80.65	80.77	Black gouge. Likely a fault. Darkness of gouge likely due to chlorite								
		and sulphides.								
80.77	87.78	Good skarn rock this interval.		2						
		Light to dark green intensely brecciated volcanic. Protolith								
		appears to be a medium grained lithic tuff. Not very siliceous nor								
		very intensely silicified. Silicified patches occur mainly in the								
		upper half of this section. Lower portion is darker, more chloritic.								
		Occasional 1cm chloritite shears at 40d to CA.								
		Dark heavily chloritic rock between 83.8m and 87.78m appears								
		re-brecciated with multi-lithic clasts in a lighter chloritic matrix.								
		Probable fault at 87.78m.								
		The breccia has a stretched or sheared appearance overall.								
		The rock is competent, fracture intensity is moderate. Many								
		breccia clasts are preferentially pinkish - garnetiferous. The breccia								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		matrix does not appear to contain garnets. Veins are 2%,								
		carbonate appearing to predominate over quartz, nothing unusual.								
		Sulphides are patchy, occuring as stringers and blebs, in breccia								
		matrix and in fractures. These sulphides are tarnished dark brown								
		on core surface - may be arsenopyrite, indicated at right as 2% po.								
85.80	86.70	Brown core. Appears to be tarnished arsenopyrite. Sulphides look		30						
		like pyrrhotite, not magnetic. May be arsenopyrite, ,notable for								
		tarnishing brown quickly. Indicated at right as 30% pyrrhotite								
		but may include arsenopyrite.								
86.78	108.81	Light grey ash tuff. Very fine grained. Variable hardness. Rather	tr							
		massive and homogenous. Characterized mainly by many dark								
		hairline fractures. These appear to be chloritic and sometimes								
		have a 'crazed' pattern seen in trenches and other DDH holes.								
		No bedding or any banding, no shearing or breccia. Massive								
		monotonous rock. No significant sulphides, veining, hydrothermal								
		alteration brecciation or ground preparation for mineralization.								
		Samples E14370, 14371 target higher density of dark hairline								
		fractures.								
103.90	104.95	Same rock with high fracture intensity. Appears brecciated.								
		Gouge at bottom 10cm. Probable fault here.								
	108.81	End of hole.								
7.62	13.20	Box 1								
13.20	18.66	Box 2								
18.66	24.51	Box 3								
24.51	30.20	Box 4								
30.20	35.78	Box 5								
35.78	41.56	Box 6								
41.56	47.19	Box 7								
47.19	52.75	Box 8								
52.75	58.35	Box 9								
58.35	64.18	Box 10								
64.18	70.10	Box 11								
70.10	75.88	Box 12								
75.88	81.62	Box 13								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
81.62	87.08	Box 14								
87.08	93.68	Box 15								
93.68	98.96	Box 16								
98.96	105.04	Box 17								
105.04	108.81	Box 18								
7.62	8.53	80% core recovery								
8.53	11.28	90% core nrecovery								
11.28	12.50	95% core recovery								
12.50	13.11	95% core recovery								
13.11	13.72	90% core nrecovery								
13.72	14.94	95% core recovery								
14.94	15.54	100% core recovery								
15.54	16.15	100% core recovery								
16.15	19.51	100% core recovery								
19.51	20.73	100% core recovery								
20.73	22.25	100% core recovery								
22.25	23.47	98% core recovery								
23.47	26.52	100% core recovery								
26.52	29.56	100% core recovery								
29.56	32.61	98% core recovery								
32.61	35.66	100% core recovery								
35.66	38.71	100% core recovery								
38.71	41.76	100% core recovery								
41.76	44.85	100% core recovery								
44.85	47.85	100% core recovery								
47.85	50.90	100% core recovery								
50.90	53.95	100% core recovery								
53.95	55.17	100% core recovery								
55.17	57.00	100% core recovery								
57.00	60.04	100% core recovery								
60.04	63.09	100% core recovery								
63.09	65.53	100% core recovery								
65.53	68.58	100% core recovery								
68.58	71.63	100% core recovery								
71.63	74.68	100% core recovery								
74.68	77.72	98% core recovery								
77.72	80.77	100% core recovery								
80.77	83.82	100% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
83.82	86.87	98% core recovery								
86.87	87.78	98% core recovery								
87.78	90.52	98% core recovery								
90.52	93.68	100% core recovery								
93.68	96.62	100% core recovery								
96.62	99.06	100% core recovery								
99.06	102.72	98% core recovery								
102.72	105.16	98% core recovery								
105.16	108.81	100% core recovery								
	108.81	End of Hole								

Angle & Azmth Tests			Easting (NAD 83): 687258	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709175	Total Depth:	109.12 m
109.12	-50d		Grid Location:	Drilling Dates:	June 13 to 14, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -50d		

Depth (metres)		Description	Mineralization %			Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		SUMMARY:				E14380	11.28	12.77	10	53
		Lithology:				E14381	12.77	14.33	10	159
0.00	109.12	Ash tuff and lithic tuff. Many diorite and andesite dikes.				E14382	18.87	20.42	5	58
		Alteration:				E14383	20.42	22.04	5	76
		Slightly elevated chloritization at intrusive contacts. No				E14384	22.04	23.09	5	80
		significant contact metasomatism.				E14385	23.09	24.59	5	65
		Patchily pervasive chloritization is locally strong.				E14386	29.59	31.09	10	95
50.40	57.38	Patchy garnet.				E14387	32.58	34.08	<5	91
102.86	106.70	Faint patchy garnet.				E14388	36.18	37.65	10	87
49.10	60.25	Slightly elevated pervasive chloritization.				E14389	42.29	43.82	<5	69
		Structure:				E14390	49.42	50.90	5	38
18.90	27.70	Weakly sheared.				E14391	53.03	54.67	10	43
28.00	31.88	Weakly sheared.				E14392	56.04	57.57	10	83
35.00	37.65	Weakly sheared.				E14393	61.83	63.3	10	109
76.24	76.50	Gouge (fault) zone.				E14394	79.93	80.45	10	143
	90.65	Weakly sheared.				E14395	102.86	104.7	20	56
	93.25	Gouge (fault) zone.				E14396	104.70	106.40	25	56
102.86	106.70	Strongly sheared.								
106.70	109.12	Weakly sheared.								
		Mineralization:								
		Minor pyrrhotite is ubiquitous in almost all rocks. Trace amounts								
		are disseminated; more occurs in fractures. Pyrite is less common								
		than pyrrhotite. No significant increase in sulphides at intrusive								
		contacts.								
102.86	106.70	Shear zone here has no significant increase in sulphides.								
0.00	3.05	Casing - overburden								
3.05	8.73	Diorite. Medium grained, dark greyish green. Upper 20cm is		0.5						

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		broken rubble, probably overburden. This could account for the								
		apparently poor recovery in this section. Core is solid, competent.								
		Disseminated pyrrhotite accounts for the rock's weak overall								
		magnetism. Very minor quartz veinlets. Contact at 8.73m is								
		sharp, oriented 75d to core axis (CA). Contact occurs along a								
		chloritic fracture, has no apparent metasomatic effect on either side.								
8.73	9.43	Dark green andesitic breccia.		tr						
9.43	11.87	Dark green andesite dike. Contact at 9.43m cuts breccia clast in	tr	tr						
		rock above.								
11.87	16.67	Light greyish green, fine grained ash tuff and medium green coarser		tr						
		lithic tuff. The ash tuff is same as occuring extensively in Hole 6								
		and other holes. Characterized by many dark (chloritic) hairline								
		fractures. The lithic tuff has small black clasts. These two								
		lithologies occur intermingled, core changing from one to the other								
		frequently. The core overall has a variable texture, related to grain								
		size and to colour.								
16.67	18.90	Diorite. Medium grained, medium greyish green. High density of		tr						
		1mm plgioclase phenocrysts. Occasional 1cm dark xenoliths								
		partly digested. Very weak magnetism attributable to disseminated								
		pyrrhotite. Not especially veined or alterred. Not sheared or								
		brecciated.								
18.90	27.70	Light greyish green, fine grained ash tuff. Characterized as usual		tr						
		by dark hairline fractures, though these do not occur in high								
		density. Occasional compositional layering demonstrate weak								
		pervasive shearing in the rock in general. The chloritic hairline								
		fractures are not sheared.								
		Extremely fine disseminated sulphides suggest sulphides content								
		can approach 0.5% in places.								
		Occasional small andesite dikes appear to have no significant								
		contact metasomatic effect. Minor quartz veinlets somtimes locate								
		along the dike contacts.								
25.07	25.24	3cm gouge at 25.07m, followed by 14cm of rubble. Possible fault.								
		1cm quartz-carbonate vein at 25.07m contact. Contact has slightly								
		more pyrite.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
27.70	28.00	Medium grained diorite dike as at top of hole. No contact		tr						
		metasomatic effect apparent. Black 1mm phenocrysts.								
28.00	31.88	Ash tuff as at 18.90 - 27.70m. Very fine grained as usual, variably	tr	0.5						
		siliceous. Parallel mafic wisps and compositional banding								
		appear sheared. This rock is somewhat sheared though this is not								
		obvious on cursory examination. Dark chloritic hairline fractures								
		are not sheared.								
		Sections slightly coarser contain slightly more sulphides than the								
		very fine grained sections.								
31.88	32.56	Medium grained diorite dike as at top of hole. No contact	tr	tr						
		metasomatic effect apparent, 5% carbonate veins.								
		Contains small dark partly digested xenoliths, black 2mm								
		phenocrysts.								
32.56	34.20	Ash tuff as above. Light greyish green. Tends to be less veined	tr	0.5						
		than adjacent diorite. Sulphides are disseminated mostly, also								
		concentrate at chloritc fractures.								
34.20	35.00	Diorite as above. 5% carbonate veining. No contact metasomatic	tr	0.5						
		effect.								
35.00	37.65	Ash tuff as at 32.56 - 34.20m. The tuff tends to contain more	tr	tr						
		dark chloritic hairline fractures than the diorite. As usual, weak								
		shearing is evident. The dark hairline fractures are never sheared.								
37.65	39.50	Diorite as above. 5% carbonate veining. No contact metasomatic		0.5						
		effect. 50% of rock is 1mm plagioclase phenocrysts.								
39.50	40.90	Ash tuff as above. Faint compositional banding. Difficult to	tr	tr						
		determine if rock is sheared. It does not appear to be strongly								
		Sulphides as usual are disseminated and occur along chloritic fractures.								
40.90	41.78	Diorite. Appears more chloritic to 1cm from contact at 42.62m		tr						
		but as usual no other contact metasomatic effect.								
		Intrusive contact is apparent at 41.78m. Intruded tuff below is								
		brecciated at contact and intensly chloritised to 2cm away from								
		contact. The diorite has a finer grained chilled margin that is								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		microbrecciated by a 5mm carbonate vein. This vein is crossed by								
		a chloritic fracture. The diorite appears pervasively chloritised to								
		about 5cm from this contact.								
41.78	43.87	Very fine grained ash tuff as above. High density of chloritic								
		fractures. Generally strongly fractured.								
43.87	47.60	Mostly diorite. Some short sections of chloritized fine grained	tr	tr						
		green tuff. Diorite-tuff contacts are characterized by increased								
		chloritization in both rock types, pervasive in diorite, along								
		hairline fractures in tuff. Chloritization does not extend far from								
		the intrusive contact in the diorite or far from hairline fractures in								
		the tuff.								
47.60	47.80	Very fine grained ash tuff. High density of chloritic fractures.		tr						
		Strongly fractured.								
47.80	49.10	Diorite. Many black amphibole phenocrysts up to 4mm.	0.5	0.5						
49.10	60.25	Medium to dark green ash tuff. Pervasive chloritization, not	tr	tr						
		strong but stronger from here than previously in hole.								
		10cm pinkish garnet patch at 50.40m is irregularly shaped.								
		Narrower garnet patches also occur at 52.34m, 56.30m, 57.38m.								
		Sulphides occur at chloritic fractures. 2mm blebby pyrite occurs								
		in centre of rare quartz veinlet. Low veining density. High								
		fracture intensity, these being very narrow chloritic fractures.								
		Samples in this section target higher density of chloritic fractures in								
		tuff, overall greater chloritization and patchy garnet.								
		Few 5 - 10cm andesite dikes in section not included in samples.								
60.25	61.98	Diorite. Light to medium grey. Medium grained. No significant	0.5							
		pervasive chlorite. Fairly high fracture intensity, fractures are								
		chloritic. Pyrite concentrates on these fractures. No disseminated								
		sulphides. 60% porphyritic with 2mm plagioclase phenocrysts.								
		This diorite differs from previous diorites in that								
		this is less mafic, no pervasive chlorite, no greenish tinge in colour.								
		Outstandingly grey.								
		Contact at 60.25m is 45d to core axis (CA). Little contact								
		metasomatic effect, only that both intruded and intrusive rock have								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		a higher degree of chloritic fractures for a few centimetres from								
		the contact								
61.98	75.45	Light grey very fine grained ash tuff. Characterized as usual by	tr	tr						
		dark chloritic hairline fractures, though the fracture intensity is								
		fairly low. Somewhat higher fracture intensity for 2m from diorite								
		contact at 61.98m. Sulphides concentrate on these fractures.								
		Rock appears massive, homogenous. Carbonate-quartz veins,								
		to 8mm, make up <1% of rock. This is generally true for tuff and								
		diorite above and below.								
65.00	65.57	Green chloritic medium grained diorite. Mostly plagioclase	tr	tr						
		phenocrysts; these are small, 1mm, and not as many as diorite just								
		previous.								
75.45	76.24	Diorite. Porphyritic. 30% amphibole phenocrysts to 4mm.	tr							
		Greenish grey. Medim grained.								
76.24	76.50	Apparent fault. 10cm of gouge and intensely fractured tuff. 1cm								
		carbonate vein. No noticable increase in sulphides.								
76.50	93.25	Same grey ash tuff as at 61.98 - 75.45m. Pervasive chlorite is	tr	tr						
		somewhat more intense, and chloritic fractures as well.								
		79.93 - 80.45m is strongly chloritic. Tuff is slightly coarser.	0.5	0.5						
		82.0 - 83.0m has high intensity of chloritic fractures in very fine								
		tuff.								
		Local carbonate-quartz vein to 1cm with associated pseudo-breccia								
		makes up about 2% of rock. This is not unusually high.								
		88.09 - 88.29m is green andesite dike. Upper contact is 40d to CA.								
		At 90.65m is 7cm of sheared rock with carbonate veinlets. No								
		gouge. Fault here?								
93.25	94.70	Greyish green tuff. Fairly low fracture intensity.	tr	tr						
		Contact at 93.25m has 6cm calcite vein at 45d to CA. For 20cm								
		below that is gouge and somewhat pyritic fine rubble. Probable								
		fault here.								
94.70	98.54	Andesite dike.		tr						
98.54	102.82	Very fine grained massive light greyish green ash tuff. Low fracture		tr						

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		intensity. Fairly siliceous rock.								
		At 102.84m is 4cm andesite dike with quartz veinlet at upper contact.								
102.86	106.70	Silicified fine grained greenish tuff. Strong shearing evident.	0.50	tr						
		Locally brecciated. Occasional faint pinkish wisps may be garnet.								
		This appears to be the main shear zone. No increase in sulphides.								
		Fairly high intensity of chloritic fractures. Patchily pervasive								
		chloritization.								
106.70	109.12	Tuff same as at 98.54 - 102.82m. Weak shearing evident.		tr						
		Slicification less strong.								
	109.12	End of Hole								
3.05	8.93	Box 1								
8.93	14.47	Box 2								
14.47	20.32	Box 3								
20.32	25.47	Box 4								
25.47	31.09	Box 5								
31.09	36.77	Box 6								
36.77	42.29	Box 7								
42.29	48.05	Box 8								
48.05	53.75	Box 9								
53.75	59.10	Box 10								
59.10	64.56	Box 11								
64.56	70.05	Box 12								
70.05	75.90	Box 13								
75.90	81.98	Box 14								
81.98	86.81	Box 15								
86.81	92.81	Box 16								
92.81	98.32	Box 17								
98.32	103.80	Box 18								
103.80	109.12	Box 19 End of Hole								
3.05	5.18	80% core recovery								
5.18	8.23	100% core recovery								
8.23	11.28	100% core recovery								
11.28	17.37	100% core recovery								
17.37	20.42	100% core recovery								
20.42	22.86	100% core recovery								
22.86	25.91	100% core recovery								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
25.91	32.31	100% core recovery								
32.31	35.36	100% core recovery								
35.36	36.58	100% core recovery								
36.58	38.71	100% core recovery								
38.71	41.76	100% core recovery								
41.76	44.80	100% core recovery								
44.80	47.85	100% core recovery								
47.85	50.90	100% core recovery								
50.90	56.84	100% core recovery								
56.84	59.44	98% core recovery								
59.44	62.48	100% core recovery								
62.48	63.09	100% core recovery								
63.09	63.70	100% core recovery								
63.70	65.53	100% core recovery								
65.53	68.73	100% core recovery								
68.73	71.93	100% core recovery								
71.93	74.98	100% core recovery								
74.98	78.18	100% core recovery								
78.18	80.47	100% core recovery								
80.47	83.52	100% core recovery								
83.52	86.56	100% core recovery								
86.56	89.76	100% core recovery								
89.76	93.57	100% core recovery								
93.57	96.62	100% core recovery								
96.62	99.67	100% core recovery								
99.67	102.72	100% core recovery								
102.72	105.46	100% core recovery								
105.46	107.59	98% core recovery								
107.59	108.51	98% core recovery								
108.51	109.12	98% core recovery End of Hole								

Angle & Azmth Tests			Easting (NAD 83): 687301	Core Size:	NQ
Depth	Angle	Azmth	Northing (NAD 83): 5709056	Total Depth:	108.81
108.5	-50d		Grid Location:	Drilling Dates:	June 15 to 18, 2004
			Elevation:	Logged by:	R. Turna
			Hole Azimuth: 60d	Analysis by:	Echo Tech Laboratory Ltd.
			Hole Angle: -50d		

Depth (metres)		Description	Mineralization % Py	% Po	% Cpy	Sample Number	Interval (m)		Au ppb	Cu ppm
From	To						From	To		
		SUMMARY:				E14397	40.29	41.61	10	44
		Lithology:				E14398	51.81	53.34	15	84
0.00	10.94	Diorite.				E14399	58.33	58.36	20	1738
10.94	24.00	Andesite and andesite porphyry.				E14400	63.54	64.44	15	107
24.00	66.23	Ash tuff and lithic tuff. Some diorite dikes.				E14421	88.57	89.87	10	56
66.23	72.25	Andesite and andesite porphyry.				E14422	94.16	95.36	15	148
72.25	81.80	Tuff with local bedding.				E14423	101.19	103.46	10	69
81.80	108.50	Tuff and andesite.								
		Alteration:								
		Significantly elevated chloritization at intrusive contacts.								
		No significant contact metasomatism.								
		Structure:								
62.79	66.23	Weakly sheared.								
79.65	81.80	Weakly sheared.								
88.57	91.97	Weakly sheared.								
105.50	108.81	Gouge, rubble (fault).								
	63.64	Strongly sheared tuff for 10cm.								
		Mineralization:								
		Minor pyrrhotite is ubiquitous in almost all rocks. Trace amounts								
		are disseminated; more occurs in fractures. Pyrite is less common								
		than pyrrhotite. Generally no significant increase in sulphides at								
		intrusive contacts.								
		At 63.64 a narrow shear zone has 5% pyrite.								
0.00	4.57	Casing - Overburden.								
0	9.15	Overburden.								
4.57	4.88	Overburden. Rubble of agglomerate, dark green coarse grained								
		diorite, Light grey very fine grained ash tuff.								
4.88	6.71	Overburden. Rubble and core up to 30cm. Tuff, wollastonite and								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		diorite. One core stick of coarse grained black and white (pepper &								
		salt) diorite.								
6.71	8.23	Rubble. Mostly diorite, some wollastonite stones.								
8.23	9.15	Rubble. Angular stones of diorite and brecciated tuff								
		held together by 1cm mud seams.								
9.15	9.63	Gouge or 'punky' weatherd rock. Contains 4mm quartz vein at								
		40d to core axis (CA).								
9.63	10.94	Diorite. Medium green, medium grained. Irregular intrusive contact	tr							
		at 10.94m shows metasomatism of intruded volcanic, quartz								
		veining.								
10.94	10.97	Altered very fine grained volcanic.								
10.97	11.42	Rubble. Rounded rusty stones.								
11.42	24.00	Medium green, medium grained andesite. Massive, homogenous.	0.5	tr						
		Low fracture intensity. Carbonate veins to 3mm, 0.5%.								
		Appears to be intruded by 15cm andesite hornblende porphyry								
		dikes.								
		At 15.85m is whitish 30cm (xenolith?) of intensly fractured								
		rhyolite or silicified rock.								
		At 16.17m and 16.60m are 5cm zones of veined and pseudo-brecciated								
		rock. No apparent change in lithology at these places.								
		Locally highly fractured. At these fractures the andesite is								
		sometimes pervasively chloritized ti 3mm from fractures.								
24.00	40.29	Very fine grained, light grey ash tuff. Very fine disseminated	0.5	tr						
		sulphides appear to be pyrite, also pyrrhotite.								
		Fairly low fracture intensity. Slightly irregular intrusive contact								
		at 24.00m. No significant contact metasomatism.								
		20cm of medium grained lithic tuff interbedded at 27.37m. To 20cm								
		above this lithic tuff the ash tuff contains a couple of narrow								
		lithic layers at 65d to CA.								
		A few dark (chloritic) hairline fractures occur locally.								
		31.7 - 31.95m are some pyritic carbonate veinlets to 3mm. The								
		country rock here is carbonatized up to 5mm from these veins.								
		Occasional mottled texture and colour due to interbedded coarser								
		tuff. Generally fairly low fracture intensity								
35.23	35.67	Diorite dike. Fine grained. Pyrrhotite in fractures and disseminated.	tr	0.5						

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Quartz-carbonate veins to 4mm contain pyrite, which tends to be								
		rusted.								
40.29	44.44	Lithic tuff. Medium grey, medium grained. Contains many black		0.5						
		angular and sub-rounded 1 - 2mm clasts, Some angular clasts to 2cm.								
		Some whitish 1mm rounded clasts as well. 2% carbonate veins to								
		5mm. Low fracture intensity. These are chloritized with								
		pervasive chlorite to 2mm into country rock. Sulphides are								
		mainly disseminated.								
		Upper and lower contacts appear 40d and 37d to CA, respectively.								
		Sample E14397 targets rock with higher density of chloritic								
		fractures.								
44.44	44.93	Ash tuff. Typical. Fractured.	tr	tr						
44.93	46.63	Diorite. Medium green, medium grained. Upper and lower								
		contacts are 70d and 80d to CA, respectively. Weak pervasive								
		chloritization at intrusive contact at upper contact, otherwise no								
		significant metasomatism. Sulphides are mainly disseminated.								
46.63	53.34	Ash tuff. Typical. Somewhat higher intensity of the characteristic	tr	tr						
		dark chloritic hairline fractures. From about 50.0m the rock shows								
		subtle shearing not obvious on cursory examination. This shearing								
		not considered strong.								
		Sample E14398 targets rock with higher density of chloritic								
		fractures.								
53.34	55.46	Lithic tuff. Upper contact is 25d to CA. Same clasts, veining and		0.5						
		sulphides as at 40.29 - 44.44m.								
55.46	55.75	Diorite. Same as at 44.93m. Weak chloritization at contacts.		tr						
		Upper contact is 30d to CA.								
		No significant contact metasomatism.								
55.75	60.68	Ash tuff. Typical. Light greenish grey. Medium intensity of	tr	tr						
		dark chloritic hairline fractures. 5cm andesite dike at 65d to CA								
		at 5.32m.								
		Sample E14399 is a 3cm grab of a pyritic chloritic fracture. At								
		5mm an unusually large stringer of pyrite. Looking for multi-								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		metals.								
60.68	62.79	Lithic tuff. Gradational contact at 60.68m is about 45d to CA.		tr						
		Variety of small subrounded whitish and dark clasts. Some sub-								
		rounded clasts to 1cm.								
		At 62.27m is 10 cm typical very fine grained ash tuff. The contacts								
		are irregular but conformable and somewhat gradational or								
		interblending, typical of a sedimentary facies change.								
62.79	66.23	Mixed lithic and ash tuff. Mixed rather than alternating. Mottled								
		medium to dark green. Grain sizes vary. Locally brecciated.								
		Darker compositional 'bands' appear wavy and stretched, probably								
		sheared. Rock appears disturbed overall. At 63.64m is 10cm of								
		strongly sheared rock. Fault here. This 10cm zone is								
		characterized by parallel carbonate-quartz veins and pyrite								
		stringers. 5% pyrite in this 10cm fault.								
63.54	64.44	Pervasively silicified breccia. 10% carbonate qtz vein. Pyritic,	2	1						
		chloritic fractures. Includes 10cm fault described above.								
		Sample E14400 is a sample of the fault breccia and shear zone there.								
66.23	69.20	Light green andesite dike. Upper contact is 60d to CA. Massive	tr	tr						
		and homogeneous. Low veins and fracture intensity.								
69.20	69.80	Porphyritic andesite dike. Contact at 69.2m is sharp, defined by		tr						
		4mm quartz vein at 50d to CA. Lower contact is gradational into								
		andesite. 3-4mm amphibole phenocrysts in light green fine ground-								
		mass. Low veins and fracture intensity.								
		Lower contact is 85d to CA.								
69.80	72.25	Andesite. Mostly fine grained and light green. Slightly variable.		0.5						
		Lower contact is about 75d to CA and irregular.								
72.25	74.40	Brecciated and chloritized tuff. Fairly strong pervasive chloritization.								
		High fracture intensity, chloritized with chlorite alteration	tr	0.5						
		pervading rock to 2mm from fractures. Carbonate and carbonate-								
		quartz veins to 13mm make up 2% of rock.								
74.40	78.28	Light to medium grey ash tuff. Lower fracture intensity and veining.		tr						
		Very fine grained. Rusty fractures.								
78.28	79.65	Andesite. Homogeneous, massive fine-grained, light green.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
		Shattered rock at contacts. Contacts indistinct.								
79.65	81.80	Tuff. Banded due to compositional layering. Central 30cm is		tr						
		silicified. Weakly sheared. Locally brecciated. Weak micro								
		boudinage.								
81.80	88.57	Andesite. Medium to dark green. Locally brecciated and highly								
		fractured. Couple of 1cm vuggy calcite veins with coarse 4mm								
		calcite crystals. Interval has occasional inclusions (xenoliths?)								
		of highly fractured, micro-brecciated ash tuff. This tuff is strongly								
		chloritized along hairline fractures.								
		Lower contact at 25d to CA is irregular.								
88.57	91.97	Ash tuff. Grey very fine grained silicious micro breccia at andesite								
		contact. Intense chloritic hairline fractures to 40cm from andesite	tr	tr						
		contact at 88.57.								
		Weakly sheared, locally brecciated 'banded' tuff.								
91.97	94.16	Andesite. Medium green. Massive as usual. Minor vuggy		tr						
		carbonate vein.								
94.16	99.37	Tuff. Fairly strongly fractured. Dark greyish green. Siliceous.		tr						
		Pervasively chloritized. Lower contact has 8mm carbonate vein								
		parallel to core axis. Rusty along vein.								
99.37	108.50	Andesite. Probably a dike. Rock looks similar to andesite above.	tr	tr						
		Sulphides are disseminated and concentrated at fractures. Fairly								
		high fracture intensity.								
		Contact at 108.50m is 40d to CA. 1cm quartz vein parallels the								
		contact there.								
		5% carbonate-quartz veins, to 1cm, some vuggy, rusty, contain								
		more sulphides, sampled as Sample E14423.								
108.50	108.81	Gouge and small rubble stones. Very poor core recovery .Fault	tr							
		here.								
	108.81	End of Hole								
0.00	11.42	Box 1								
11.42	16.67	Box 2								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
16.67	22.35	Box 3								
22.35	28.19	Box 4								
28.19	33.77	Box 5								
33.77	39.08	Box 6								
39.08	44.77	Box 7								
44.77	50.49	Box 8								
50.49	56.13	Box 9								
56.13	61.58	Box 10								
61.58	67.36	Box 11								
67.36	73.02	Box 12								
73.02	78.12	Box 13								
78.12	83.67	Box 14								
83.67	89.13	Box 15								
89.13	94.26	Box 16								
94.26	99.36	Box 17								
99.36	105.10	Box 18								
105.10	108.81	Box 19 End of Hole								
4.57	9.15	Overburden								
9.15	10.97	98% Core recovery.								
10.97	12.80	95% Core recovery.								
12.80	14.02	100% Core recovery.								
14.02	19.51	98% Core recovery.								
19.51	21.95	100% Core recovery.								
21.95	24.99	100% Core recovery.								
24.99	28.19	100% Core recovery.								
28.19	31.19	100% Core recovery.								
31.19	34.29	100% Core recovery.								
34.29	37.18	100% Core recovery.								
37.18	38.40	100% Core recovery.								
38.40	41.45	100% Core recovery.								
41.45	44.50	100% Core recovery.								
44.50	47.55	100% Core recovery.								
47.55	50.60	100% Core recovery.								
50.60	53.64	100% Core recovery.								
53.64	56.69	100% Core recovery.								
56.69	59.71	100% Core recovery.								
59.71	62.79	100% Core recovery.								
62.79	65.84	100% Core recovery.								

Depth (metres)		Description	%	%	%	Sample	Interval (m)		Au	Cu
From	To		Py	Po	Cpy	Number	From	To	ppb	ppm
65.84	68.88	100% Core recovery.								
68.88	71.93	100% Core recovery.								
71.93	77.42	100% Core recovery.								
77.42	79.25	100% Core recovery.								
79.25	79.86	85% Core recovery.								
79.86	82.90	100% Core recovery.								
82.90	84.43	100% Core recovery.								
84.43	85.95	100% Core recovery.								
85.95	90.22	100% Core recovery.								
90.22	92.05	100% Core recovery.								
92.05	93.57	98% Core recovery.								
93.57	96.32	98% Core recovery.								
96.32	101.19	100% Core recovery.								
101.19	103.02	98% Core recovery.								
103.02	105.46	100% Core recovery.								
105.46	108.50	95% Core recovery.								
108.50	108.81	65% Core recovery. End of hole								