27892 vol 2 of 3

2004 EXPLORATION AND GEOLOGICAL REPORT

for the

KALUM GOLD PROPERTY

Terrace B.C. Skeena MD

UTM 506100E / 6069300N
TRIM Mapsheets 103I 066, 075,076, 077, 085, 086, 087

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May 03, 2005

APPENDIX 1

STATEMENTS OF QUALIFICATIONS

I, Charles Claude Downie, P.Geo. do hereby certify that:

1. I am currently employed as Exploration Manager for Eagle Plains Resources Ltd. with business address: 200-16, 11 Ave.S., Cranbrook, BC V1C 2P5

2. I graduated with a Bachelor of Science Degree from the University of Alberta in 1988.

3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (ID 20137).

4. I have worked as a geologist for a total of 17 years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I have co-authored this technical report titled 2004 EXPLORATION AND GEOLOGICAL REPORT FOR THE KALUM GOLD PROPERTY, based on data collected through research and on observations and results from physical work on the property. I spent 10 days on the Kalum Property between June 01 - October 20, 2004. Data sources include British Columbia Ministry of Energy and Mines Map Place, British Columbia Ministry of Energy and Mines Microfiche, and direct contact with persons involved with past exploration programs on the Kalum property.

7. I co-authored a technical report with Greg Z. Mosher on the Kalum / LCR Property titled GEOLOGICAL REPORT KALUM GOLD PROPERTY and dated May 20 2003.

8. I co-authored a technical report with Julian Stephens on the Kalum / LCR Property titled EXPLORATION AND GEOLOGICAL REPORT ON THE KALUM GOLD-SILVER PROPERTY and dated November 2003.

9. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

10. I am a director of Eagle Plains Resources Ltd. since 2002 and currently hold 421,345 shares of that company. I further hold options to purchase 400,000 shares of the company at $0.10 - $0.50 per share.

11. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

12. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 03rd day of May, 2005

Charles Claude Downie, P.Geo.

I, Christopher Shannon Charles LeRoy Gallagher, M. Sc. do hereby certify that:

1. I am currently employed as Chief Geologist for Eagle Plains Resources Ltd. with business address: 200-16, 11 Ave.S., Cranbrook, BC V1C 2P5

2. I graduated with a Masters of Science Degree from the Carleton University in 1999.

3. I have worked as a geologist for a total of 3 years since my graduation from university.

4. I have co-authored this technical report titled 2004 EXPLORATION AND GEOLOGICAL REPORT FOR THE KALUM GOLD PROPERTY, based on data collected through research and on observations and results from physical work on the property. I spent 180 days on the Kalum Property between May 01 - November 01, 2004. Data sources include British Columbia Ministry of Energy and Mines Map Place, British Columbia Ministry of Energy and Mines Microfiche, and direct contact with persons involved with past exploration programs on the Kalum property.

5. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

6. I am an insider with Eagle Plains Resources Ltd. since December 2004 and currently hold options to purchase 100,000 shares of the company at $0.50 per share.

7. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

8. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 03rd day of May, 2005

Christopher Shannon LeRoy Charles Gallagher, M.Sc,

APPENDIX II

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

2004 Geophysical, Geological and Diamond Drilling Program – Kalum Project

The following expenses were incurred on the **KALUM** Project for the purpose of mineral exploration between the dates of January 31 2004 and March 31 2005.

geological personnel: Bootleg Exploration Inc.		
Chris Gallagher, P.Geo; Project Supervisor		
Chas Downie, P.Geo; Project Supervisor		
Tim Termuende, P.Geo		
Tim Evans, P.Geo		
Tom Clarke, Geologist		
Brad Robison, field technician		
Jesse Campbell, field technician		
Glen Hendrickson, field technician		
Total Bootleg Personnel:		$103,880.25
analytical: ACME Laboratories soil, silt, rock, drill core / 30 element ICP plus Au		$53,070.18
helicopter charter:		
Quantum (diamond drilling/field support)	$97,130.13	
Bighorn (geophysical survey)	$66,729.42	
	$163,859.55	$163,859.55
equipment rental:		
4WD vehicle : 13 weeks @ $400/week x 2 trucks		$10,400.00
mileage : (15000km x $0.20/km)		$3,000.00
ATV : 13 weeks x $400/week x 2 ATVs		$10,400.00
diamond drilling: FB Drilling		$182,504.52
geophysical surveys: Geotech (data acquisition), Condor / SJ Geophysics (interpretation)		$191,305.63
BC Geoscience Partnership: Mitch Mihalynuk		$16,097.70
Environmental Baseline Study: (Cambria Gordon Ltd. / Kitsumkalum Band)		$20,158.37
contractors: Tom Montague / M. Matwick (road maintenance)		$5,763.10
consultants/subcontractors: P.Williams,P.Geo; Minconsult Exploration (drillpad construction); George Cooley, core splitting;Sam Aujla-field technician;Progressive Ventures-core storage; Shama Consultants(First Nations Consultation)		$35,214.61
rental accommodation/shop: Bootleg personnel - house rental 4808 Straume Ave, Terrace; shop rental for sample/core processing		$7,751.25
utilities : hydro, gas, city :4808 Straume Ave; shop		$947.15
travel/accommodation/meals : travel:personnel/contractors to/from Terrace; accommodation:drill crews, contractors; meals:drill crews/contractors;		$33,946.09
meals/groceries:		$16,595.05
shipping:includes freight, courier		$5,101.86
office supplies: includes map repro, plotter paper/ink, etc		$4,331.38
field supply: includes materials for drill pads		$23,347.65
equipment rental: includes backhoe, generator, rock saw		$4,349.42
equipment repair and maintenance: includes radio rental/repair (Tower Communications),		$1,572.86
automotive: includes repairs(tires, windshield), fuel		$9,364.52
telephone/high speed internet : 4808 Straume Ave / shop June-November 2004		$1,757.84
report writing : (estimate including maps/reproduction)		$4,000.00
	TOTAL:	$908,718.98

APPENDIX III

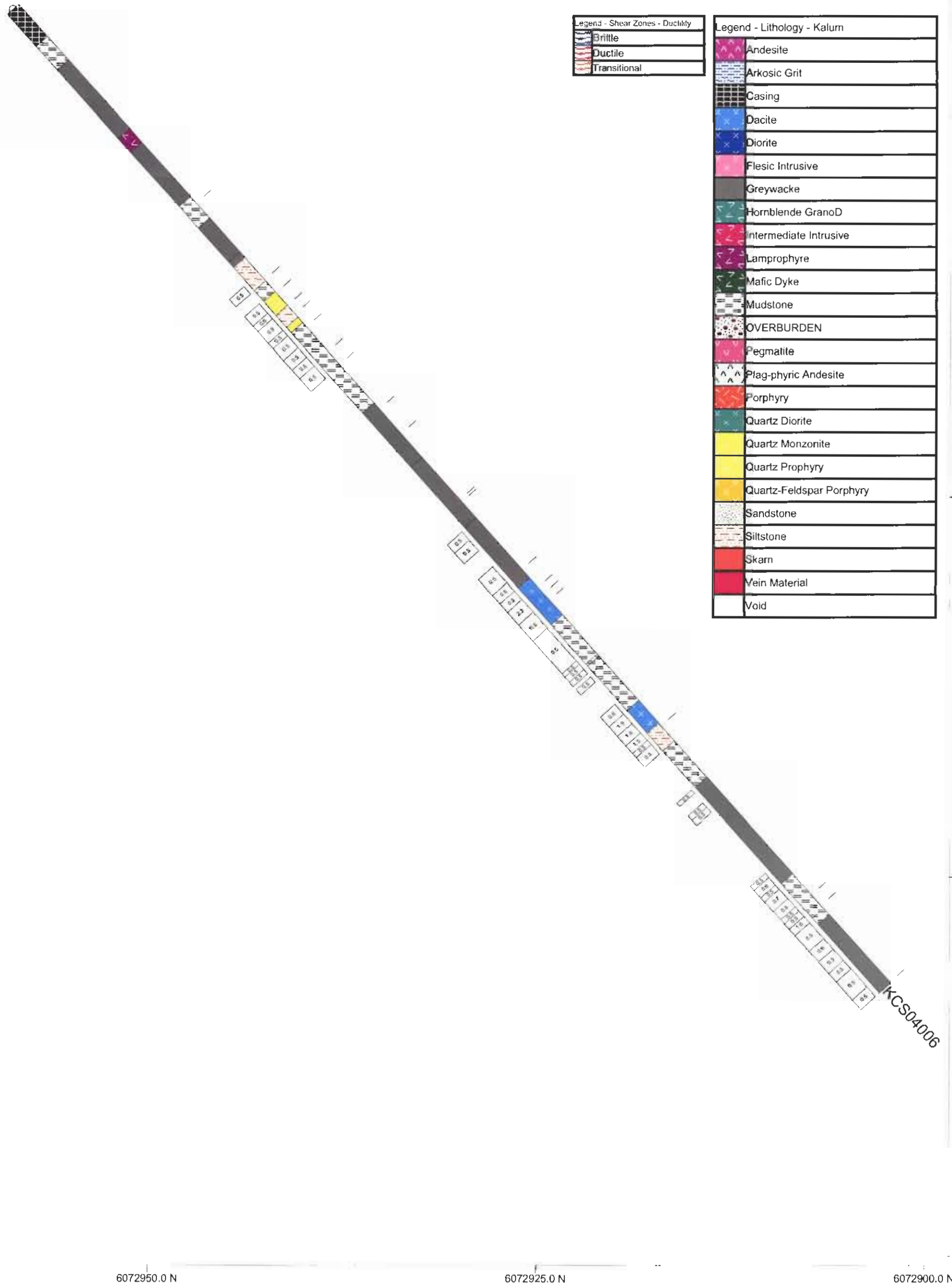
DIAMOND DRILL LOGS AND SECTIONS

Appendix 3.2.3 - Kalum DDH Sections

Section C - KCS04006		Scale 1:250
Section Azimuth: 164.00	View Azimuth: 282.00	Date: 26/04/2005

0 5 10 15 20

Meters



Legend - Shear Zones - Ductility
Brittle
Ductile
Transitional

Legend - Lithology - Kalum
Andesite
Arkosic Grit
Casing
Dacite
Diorite
Flesic Intrusive
Greywacke
Hornblende GranoD
Intermediate Intrusive
Lamprophyre
Mafic Dyke
Mudstone
OVERBURDEN
Pegmatite
Plag-phyric Andesite
Porphyry
Quartz Diorite
Quartz Monzonite
Quartz Prophyry
Quartz-Feldspar Porphyry
Sandstone
Siltstone
Skarn
Vein Material
Void

C

Legend - Gold (ppb)								
	[0.0 , 20.0]		[20.0 , 50.0]		[50.0 , 100.0]		[100 , 500]	[500 , +]

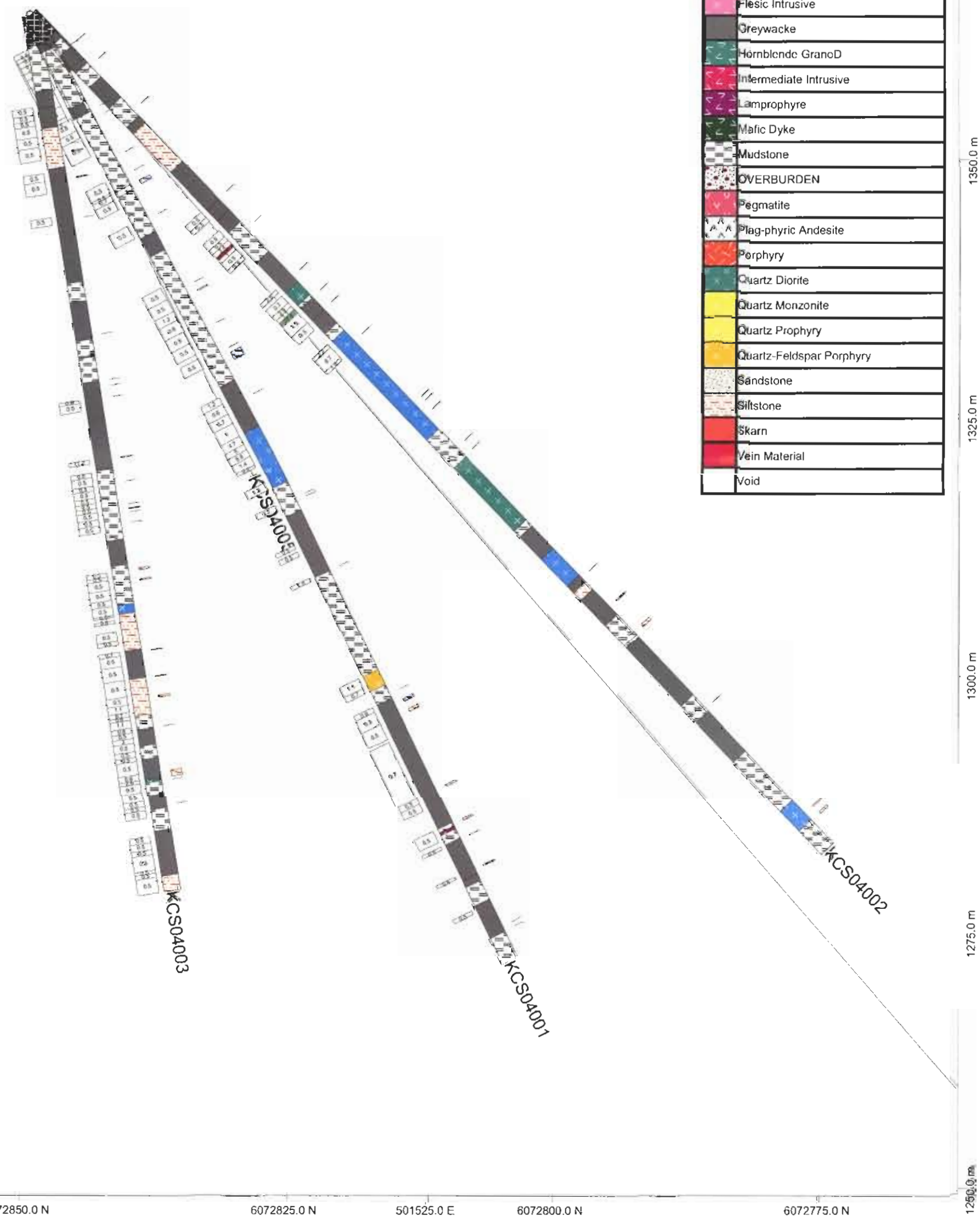
C'

Appendix 3.2.1 - Kalum DDH Sections

Section A - KCS04001 to KCS04003		Scale 1:400
Section Azimuth: 165.00	View Azimuth: 255.00	Date: 26/04/2005

0 5 10 15 20 25 30 35

Meters



Legend - Shear Zones - Ductility
- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum
- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

A

Legend - Gold (ppb)

[0.0 , 20.0] | [20.0 , 50.0] | [50.0 , 100.0] | [100 , 500] | [500 , +]

A'

Appendix 3.2.2 - Kalum DDH Sections

Section B - KCS04004 to KCS04005		Scale 1:225
Section Azimuth: 195.00	View Azimuth: 282.00	Date: 26/04/2005

0 5 10 15 20

Meters

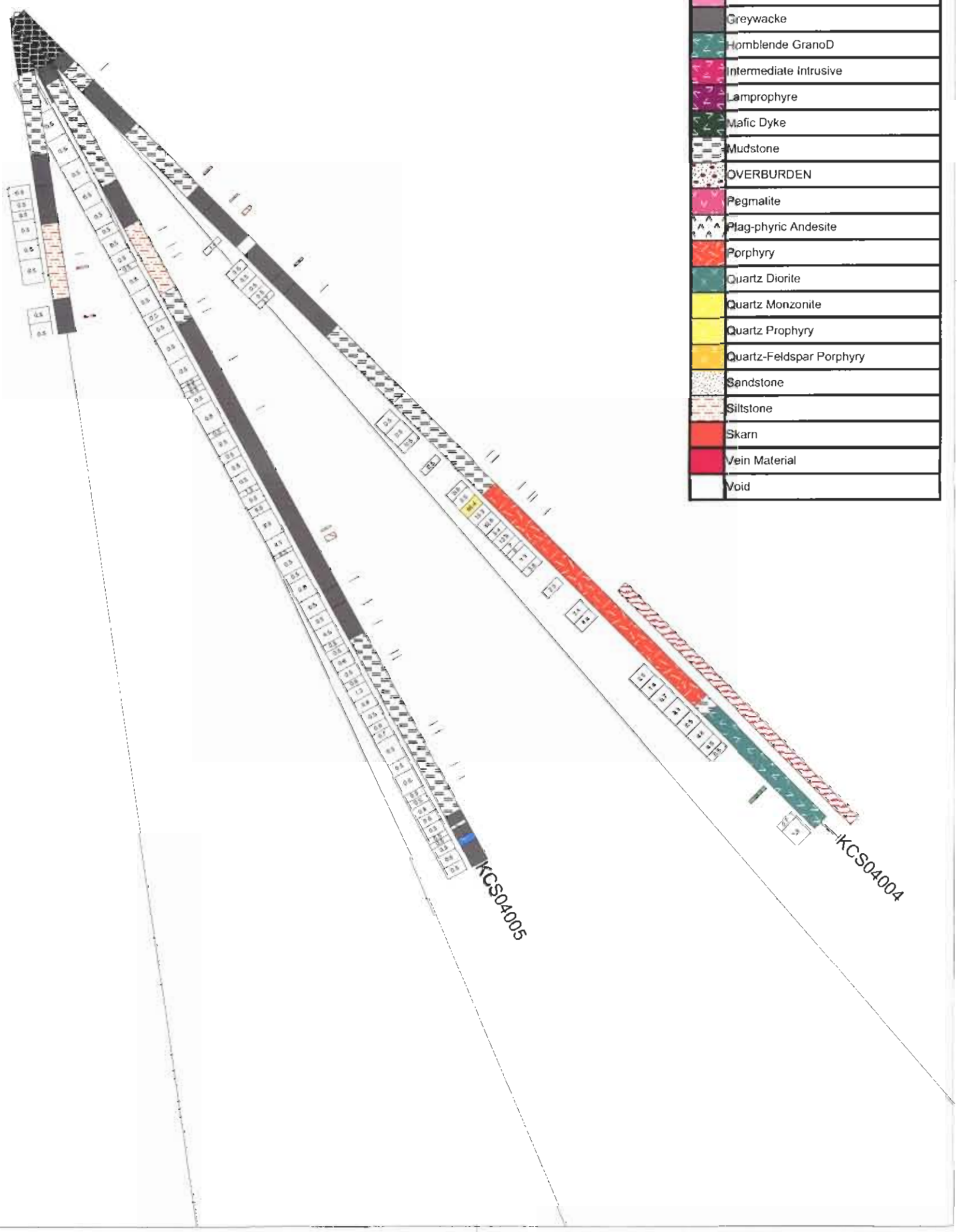
6072850.0 N

6072825.0 N

1375.0 m

1350.0 m

1325.0 m



Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

B

Legend - Gold (ppb)

[0.0 , 20.0] | [20.0 , 50.0] | [50.0 , 100.0] | [100 , 500] | [500 , +]

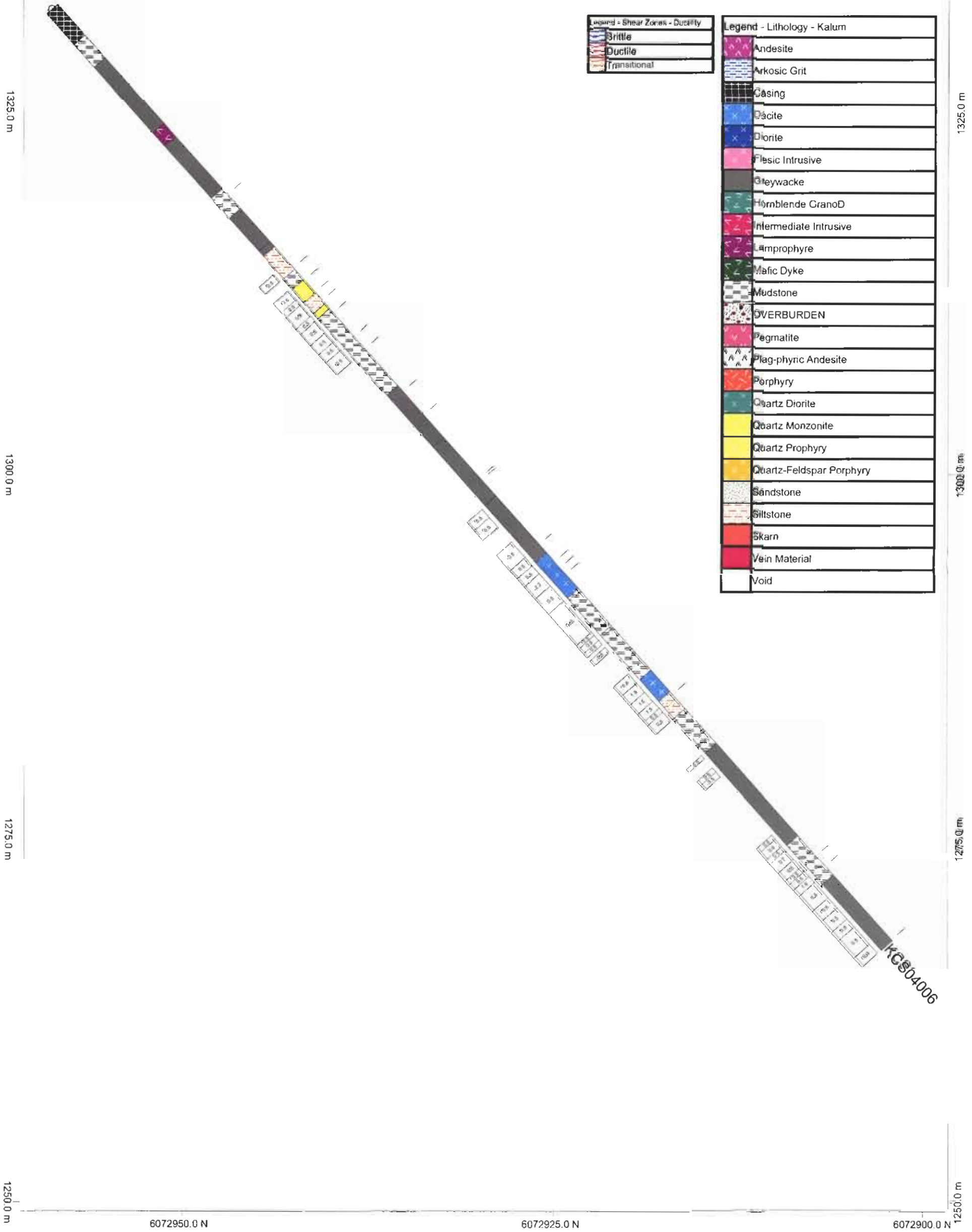
B'

Appendix 3.2.3 - Kalum DDH Sections

Section C - KCS04006		Scale 1:250
Section Azimuth: 164.00	View Azimuth: 282.00	Date: 26/04/2005

0 5 10 15 20

Meters



Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Felsic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

C C'

Legend - Gold (ppb)

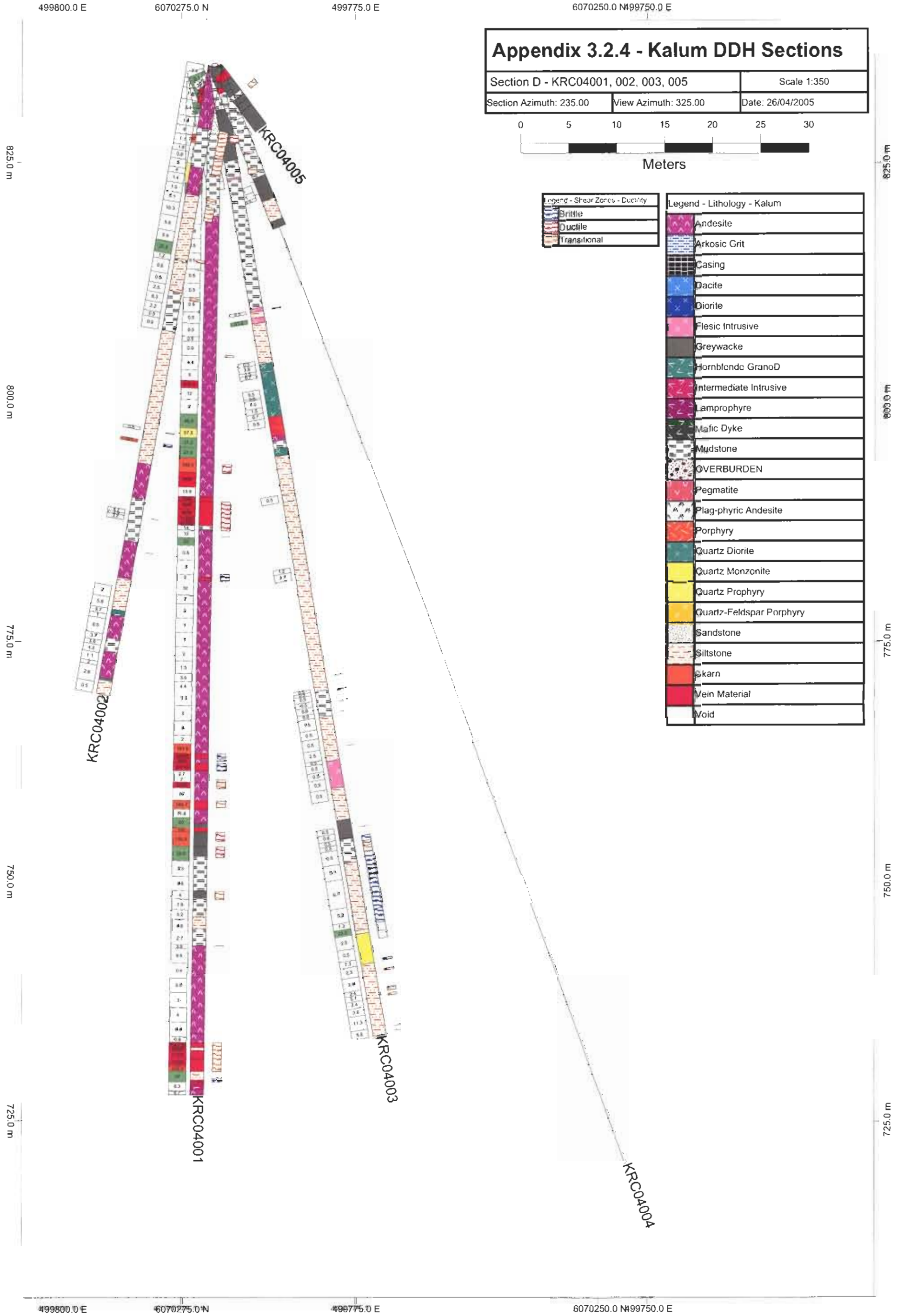
[0.0 , 20.0] [20.0 , 50.0] [50.0 , 100.0] [100 , 500] [500 , +]

Appendix 3.2.4 - Kalum DDH Sections

Section D - KRC04001, 002, 003, 005		Scale 1:350
Section Azimuth: 235.00	View Azimuth: 325.00	Date: 26/04/2005

0 5 10 15 20 25 30

Meters



Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

D — D'

Legend - Gold (ppb)

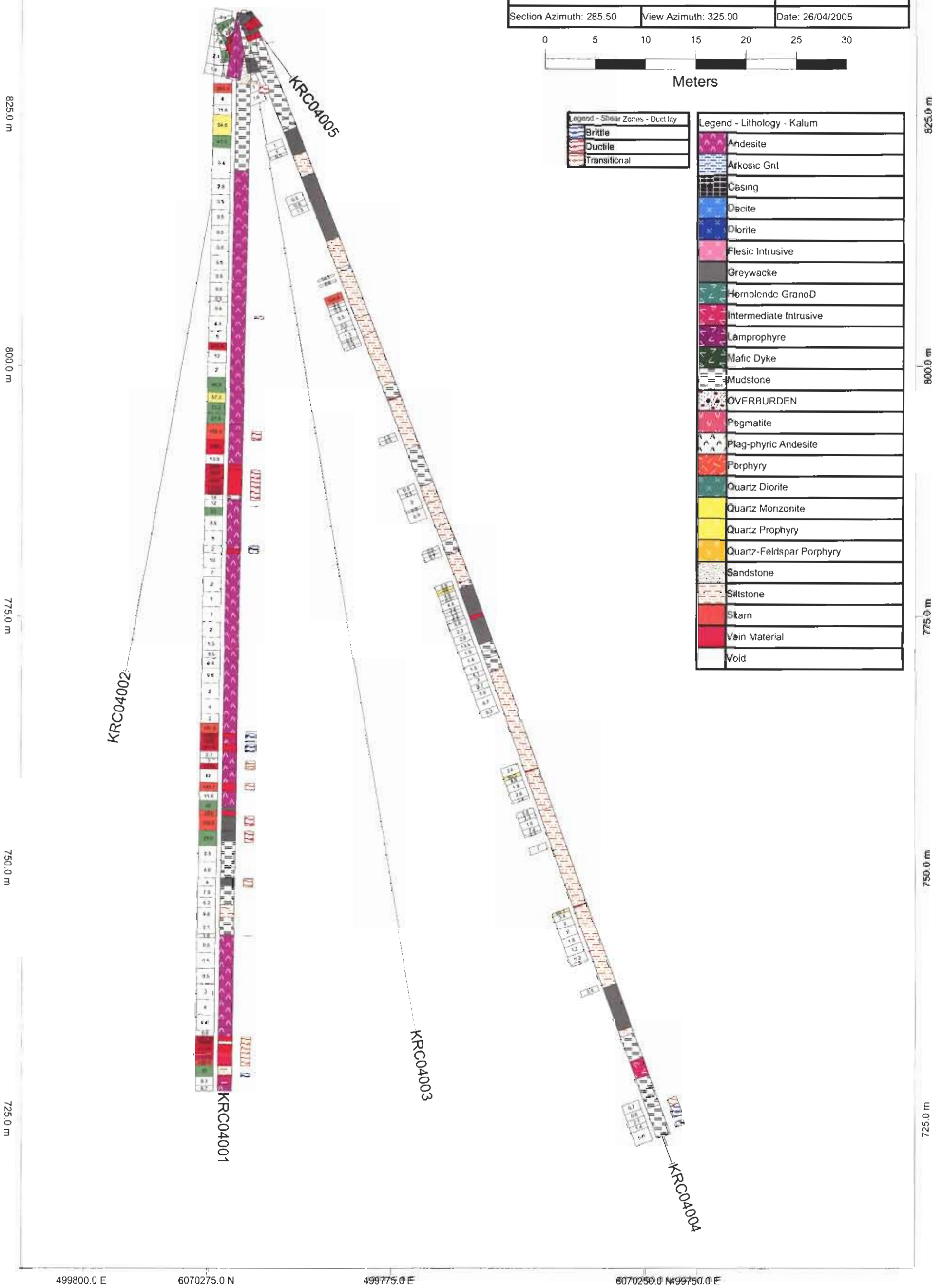
[0.0 , 20.0] | [20.0 , 50.0] | [50.0 , 100.0] | [100 , 500] | [500 , +]

Appendix 3.2.5 - Kalum DDH Sections

Section E - KRC04001 and KRC04005		Scale 1:350
Section Azimuth: 285.50	View Azimuth: 325.00	Date: 26/04/2005

0 5 10 15 20 25 30

Meters



Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

E

Legend - Gold (ppb)

[0.0 , 20.0] | [20.0 , 50.0] | [50.0 , 100.0] | [100 , 500] | [500 , +]

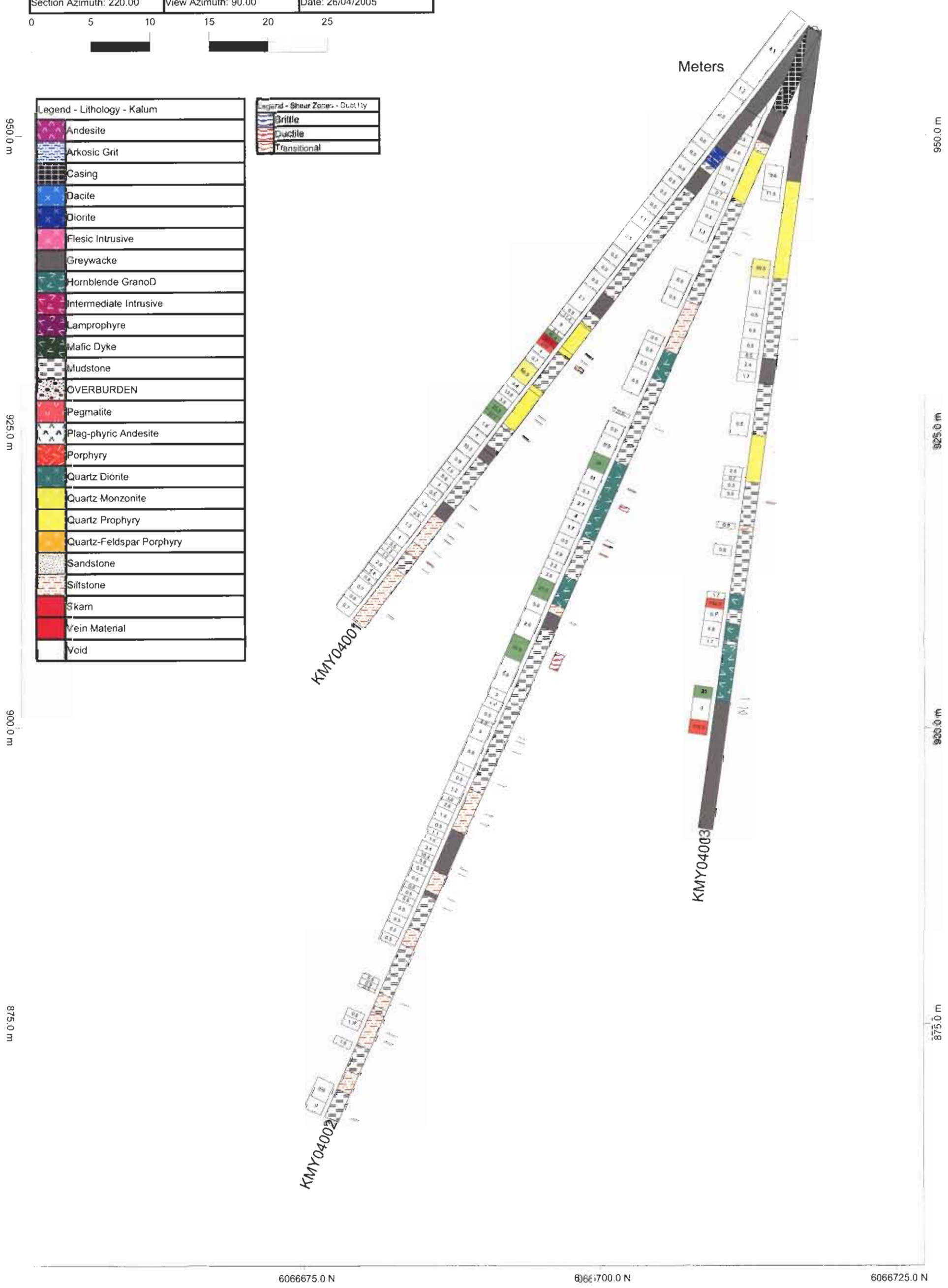
E'

Appendix 3.2.6 - Kalum DDH Sections

Section F - KMY04001 to KMY04003		Scale 1:300
Section Azimuth: 220.00	View Azimuth: 90.00	Date: 26/04/2005

0 5 10 15 20 25

Meters



Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

F — F'

Legend - Gold (ppb)

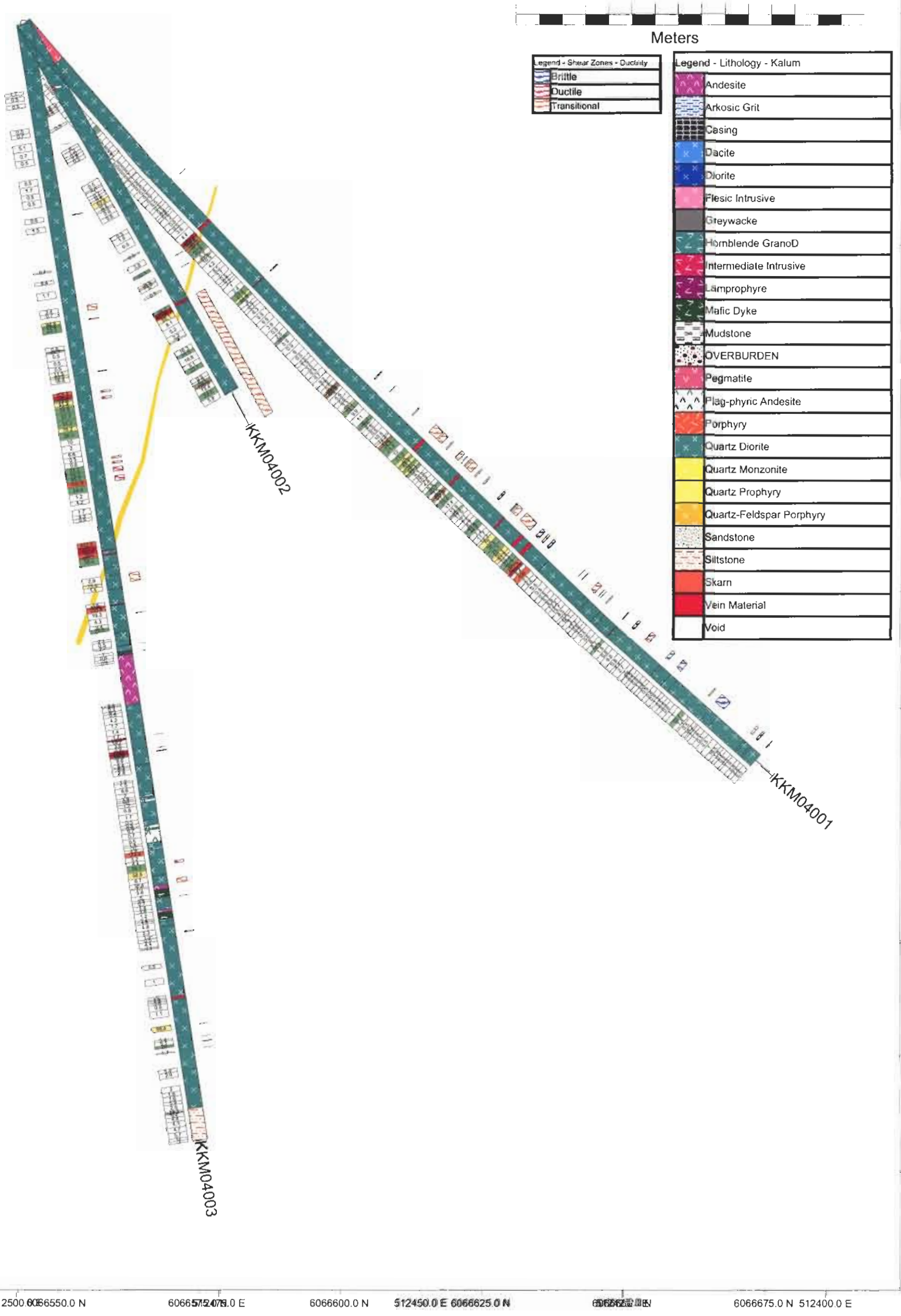
[0.0 , 20.0] | [20.0 , 50.0] | [50.0 , 100.0] | [100 , 500] | [500 , +]

Appendix 3.2.7 - Kalum DDH Sections

Section G - KKM04001 to KKM04003		Scale 1:800
Section Azimuth: 325.00	View Azimuth: 55.00	Date: 26/04/2005

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

Meters



Legend - Shear Zones - Ductility

- Brittle
- Ductile
- Transitional

Legend - Lithology - Kalum

- Andesite
- Arkosic Grit
- Casing
- Dacite
- Diorite
- Flesic Intrusive
- Greywacke
- Hornblende GranoD
- Intermediate Intrusive
- Lamprophyre
- Mafic Dyke
- Mudstone
- OVERBURDEN
- Pegmatite
- Plag-phyric Andesite
- Porphyry
- Quartz Diorite
- Quartz Monzonite
- Quartz Prophyry
- Quartz-Feldspar Porphyry
- Sandstone
- Siltstone
- Skarn
- Vein Material
- Void

G — G'

Legend - Gold (ppb)

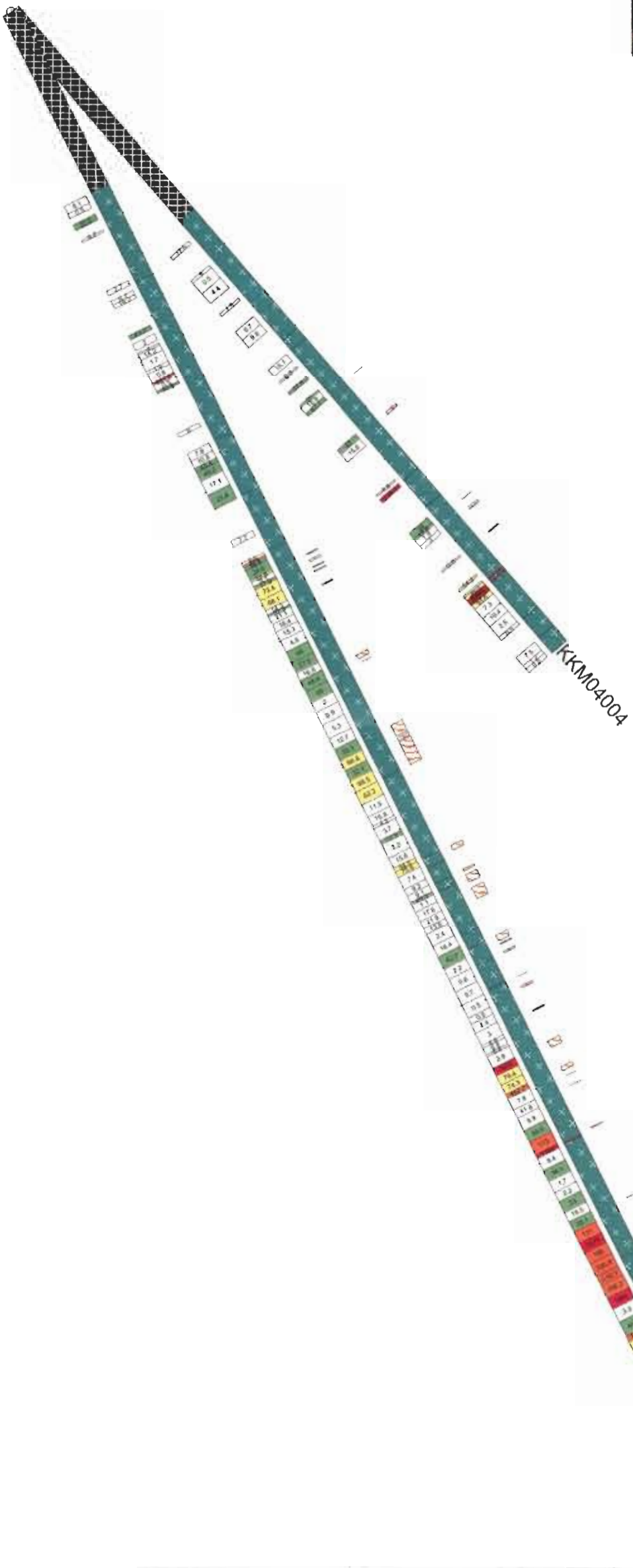
[0.0 , 20.0]	[20.0 , 50.0]	[50.0 , 100.0]	[100 , 500]	[500 , +]

Appendix 3.2.8 - Kalum DDH Sections

Section H - KKM04004 and KKM04005		Scale 1:450
Section Azimuth: 325.00	View Azimuth: 90.00	Date: 26/04/2005

0 5 10 15 20 25 30 35 40

Meters



Legend - Shear Zones - Ductility
Brittle
Ductile
Transitional

Legend - Lithology - Kalum
Andesite
Arkosic Grit
Casing
Dacite
Diorite
Flesic Intrusive
Greywacke
Hornblende GranoD
Intermediate Intrusive
Lamprophyre
Mafic Dyke
Mudstone
OVERBURDEN
Pegmatite
Plag-phyric Andesite
Porphyry
Quartz Diorite
Quartz Monzonite
Quartz Prophyry
Quartz-Feldspar Porphyry
Sandstone
Siltstone
Skarn
Vein Material
Void

H

Legend - Gold (ppb)									
	[0.0 , 20.0]		[20.0 , 50.0]		[50.0 , 100.0]		[100 , 500]		[500 , +]

H'

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04001 | **DDH_LOC_ELEV_M :1364**

DDH_LOC_LEN_M :103 | DDH_LOC_AZ :165 | DDH_LOC_DIP :-60

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	1000 2000 3000 4000 5000 6000 7000 8000 9000		Andesite	Casing			3000 2000 1000	30000 20000 10000	10000 7500 5000 2500	300 200 100	60 40 20	1 0.5	
10		CS04001-001 CS04001-002 CS04001-003 CS04001-004	Greywacke	?									35.86
		CS04001-005 CS04001-006 CS04001-007	Mudstone	?									
20		CS04001-008 CS04001-010 CS04001-011	Mudstone	Angular 1 to 3cm clasts of mstone in gwacke matrix									26.89
		CS04001-012	Mudstone	?									
			Greywacke	Flow or slip up structures @ 25.5									
30		CS04001-013 CS04001-014 CS04001-015 CS04001-016 CS04001-017 CS04001-018 CS04001-019	Mudstone	?									17.93
40		CS04001-020 CS04001-021 CS04001-022 CS04001-023	Greywacke	?									8.96
		CS04001-024 CS04001-025 CS04001-026 CS04001-027	Shale	?									
50		CS04001-028											0.00
		CS04001-030	Mudstone	?									
60		CS04001-031 CS04001-032	Greywacke	?									-8.97
			Mudstone	?									
70		CS04001-034 CS04001-035	Quartz-Feldspar Porphyry	?									-17.95
		CS04001-036 CS04001-037 CS04001-038	Mudstone	?									
80		CS04001-039	Greywacke	?									-26.94
		CS04001-040 CS04001-041											
		CS04001-042	Mudstone	?									
90		CS04001-043	Greywacke	?									-35.95
		CS04001-044	Mudstone	?									
		CS04001-045	Greywacke	?									
100			Mudstone	?									-44.96

Scale 1:303 | 04/26/05 | 17:46:06

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04002 | **DDH_LOC_ELEV_M :1364**

DDH_LOC_LEN_M :111.9 | DDH_LOC_AZ :165 | DDH_LOC_DIP :-45

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
10				Large (<3cm) clasts & small (4mm) angular qtz grains near 14.3m									51.36
20													44.02
30		CS04002-001 CS04002-002 CS04002-003 CS04002-004 CS04002-005 CS04002-006											36.69
40		CS04002-011 CS04002-012 CS04002-013 CS04002-015 CS04002-016											29.35
50		CS04002-018 CS04002-021 CS04002-022 CS04002-023 CS04002-024 CS04002-025 CS04002-028 CS04002-029 CS04002-030 CS04002-031		Well formed Hb crystals (to 1cm) in matrix of qtz + plg?									22.01
60		CS04002-033 CS04002-034 CS04002-035											14.67
70		CS04002-044											7.34
80													0.00
90		CS04002-052 CS04002-054											-7.31
100													-14.58
110		CS04002-056 CS04002-057		EOH									-21.80

Scale 1:329 | 04/26/05 | 17:46:09

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04003 | **DDH_LOC_ELEV_M :1364**

DDH_LOC_LEN_M :86 | DDH_LOC_AZ :165 | DDH_LOC_DIP :-80

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
10	1000 2000 3000 4000 5000 6000 7000 8000 9000	CS04003-001 CS04003-002 CS04003-003 CS04003-004 CS04003-005 CS04003-006 CS04003-007 CS04003-008	Mudstone; Greywacke; Siltstone	CasingCasingCasingCasingCasing; ?; ?; ?; ?			1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60 80	0.5 1	9.87
20		CS04003-009	Greywacke	?									0.00
30			Mudstone; Greywacke	?									-9.87
40		CS04003-011 CS04003-012 CS04003-013 CS04003-014 CS04003-015 CS04003-016 CS04003-017 CS04003-018 CS04003-019 CS04003-020 CS04003-021 CS04003-022	Greywacke; Mudstone	?									-19.74
50			Greywacke	?									-29.61
60		CS04003-024 CS04003-025 CS04003-026 CS04003-027 CS04003-028 CS04003-031 CS04003-032 CS04003-033 CS04003-034 CS04003-035	Mudstone; Greywacke; Siltstone	?									-39.49
70		CS04003-036 CS04003-037 CS04003-038 CS04003-039 CS04003-040 CS04003-041 CS04003-042 CS04003-043 CS04003-044 CS04003-045 CS04003-046 CS04003-047 CS04003-048 CS04003-049 CS04003-050 CS04003-051 CS04003-052 CS04003-053 CS04003-054 CS04003-055	Siltstone; Mudstone; Greywacke	?; Last 60cm very sheared/foliated									-49.36
80		CS04003-056 CS04003-057 CS04003-058 CS04003-059 CS04003-060 CS04003-061 CS04003-062	Greywacke; Siltstone	?; EOH									-59.24

Scale 1:253 | 04/26/05 | 17:46:13

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04004 | **DDH_LOC_ELEV_M :1364**

DDH_LOC_LEN_M :60.1 | DDH_LOC_AZ :195 | DDH_LOC_DIP :-45

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	1000 2000 3000 4000 5000 6000 7000 8000 9000						1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60	0.5 1	
10				Casing									0.00
20		CS04004-001	Greywacke	?									0.00
			Void	Void - 5 feet washed away									
		CS04004-002	Greywacke	?									
		CS04004-003											
		CS04004-004											
		CS04004-005											
		CS04004-006	Greywacke	?									
			Greywacke	?									
30		CS04004-007	Dacite Tuff	?									0.00
		CS04004-008											
		CS04004-009											
		CS04004-010											
		CS04004-011											
		CS04004-012											
		CS04004-013											
		CS04004-014											
		CS04004-015											
		CS04004-016											
		CS04004-017											
		CS04004-018											
		CS04004-019											
40		CS04004-020											0.00
		CS04004-021											
		CS04004-022	Porphyry										
		CS04004-023		?									
		CS04004-024											
		CS04004-025											
		CS04004-026											
50		CS04004-027											0.00
		CS04004-028											
		CS04004-029		?									
		CS04004-030											
		CS04004-031											
		CS04004-032											
		CS04004-033		Probably similar composition to the Hb porphyry, but with no distinct porphyroblasts. Massive texture, almost aphinetic locally.									
		CS04004-034											
60		CS04004-035											0.00

Scale 1:177 | 04/26/05 | 17:46:15

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04005 | **DDH_LOC_ELEV_M :1364**

DDH_LOC_LEN_M :50.9 | DDH_LOC_AZ :195 | DDH_LOC_DIP :-60

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	9000 8000 7000 6000 5000 4000 3000 2000 1000						1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60 80	0.5 1	
				Casing									
		CS04005-001	Overburden	?									
		CS04005-002	Mudstone	?									
		CS04005-003											
		CS04005-004	Mudstone	?									
		CS04005-005											
10		CS04005-006											-4.37
		CS04005-007	Greywacke	?									
		CS04005-008											
		CS04005-009											
		CS04005-010											
		CS04005-011	Siltstone	?									
		CS04005-012											
		CS04005-013											
		CS04005-014	Mudstone	?									
		CS04005-015											
		CS04005-016											
20		CS04005-017											-10.44
		CS04005-018											
		CS04005-019											
		CS04005-020											
		CS04005-021											
		CS04005-022											
		CS04005-023											
		CS04005-024											
		CS04005-025											
		CS04005-026	Greywacke	?									
		CS04005-027											
		CS04005-028											
		CS04005-029											
		CS04005-030											
30		CS04005-031											-18.32
		CS04005-032											
		CS04005-033											
		CS04005-034											
		CS04005-035											
		CS04005-036											
		CS04005-037	Greywacke	?									
		CS04005-038											
		CS04005-039	Greywacke	?									
		CS04005-040											
		CS04005-041											
		CS04005-042											
		CS04005-043											
40		CS04005-044											-28.11
		CS04005-045											
		CS04005-046											
		CS04005-047											
		CS04005-048											
		CS04005-049	Mudstone	?									
		CS04005-050											
		CS04005-051											
		CS04005-052											
		CS04005-053											
		CS04005-054											
		CS04005-055											
		CS04005-056											
		CS04005-057	Greywacke	?									
		CS04005-058		?									
		CS04005-059	Greywacke	?									
		CS04005-060		?									
50		CS04005-061	Greywacke	?									-39.93
		CS04005-062											

Scale 1:150 | 04/26/05 | 17:46:21

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KCS04006 | **DDH_LOC_ELEV_M :1332**

DDH_LOC_LEN_M :92.1 | DDH_LOC_AZ :165 | DDH_LOC_DIP :-45

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	1000 2000 3000 4000 5000 6000 7000 8000 9000			Casing			1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60	0.5 1	
10			Greywacke	?									-3.50
				3cm, discrete lamprophyre dyke running parallel to drillhole									
			Greywacke	?									
20			Mudstone	?									-8.49
			Greywacke	?									
				?									
		CS04006-001	Siltstone	?									
		CS04006-002	Mudstone	?									
		CS04006-003	Quartz Prophyry	1-2mm irregularly shaped qtz phenocrysts in f-grd green groundmass									
		CS04006-004	Siltstone	?									
30		CS04006-005	Quartz Prophyry	Altered - CO3 + silicified - much more than the intersection above									-15.09
		CS04006-006											
		CS04006-007											
		CS04006-008											
		CS04006-009	Mudstone	?									
40			Greywacke	?									-23.38
				?									
		CS04006-010											
50		CS04006-011	Greywacke	?									-31.67
		CS04006-012											
		CS04006-013											
		CS04006-014	Diorite	?									
		CS04006-015											
		CS04006-016											
		CS04006-017	Mudstone	?									
60				?									-38.63
		CS04006-020											
		CS04006-021	Limestone	?									
		CS04006-022											
		CS04006-023	Diorite	?									
		CS04006-024											
		CS04006-025											
		CS04006-026	Siltstone	?									
		CS04006-027											
70			Mudstone	?									-45.59
			Greywacke	?									
80		CS04006-031											-52.55
		CS04006-032											
		CS04006-033											
		CS04006-034											
		CS04006-035	Mudstone	?									
		CS04006-036											
		CS04006-040											
		CS04006-041	Greywacke	?									
		CS04006-042											
90		CS04006-043											-59.51
		CS04006-044											

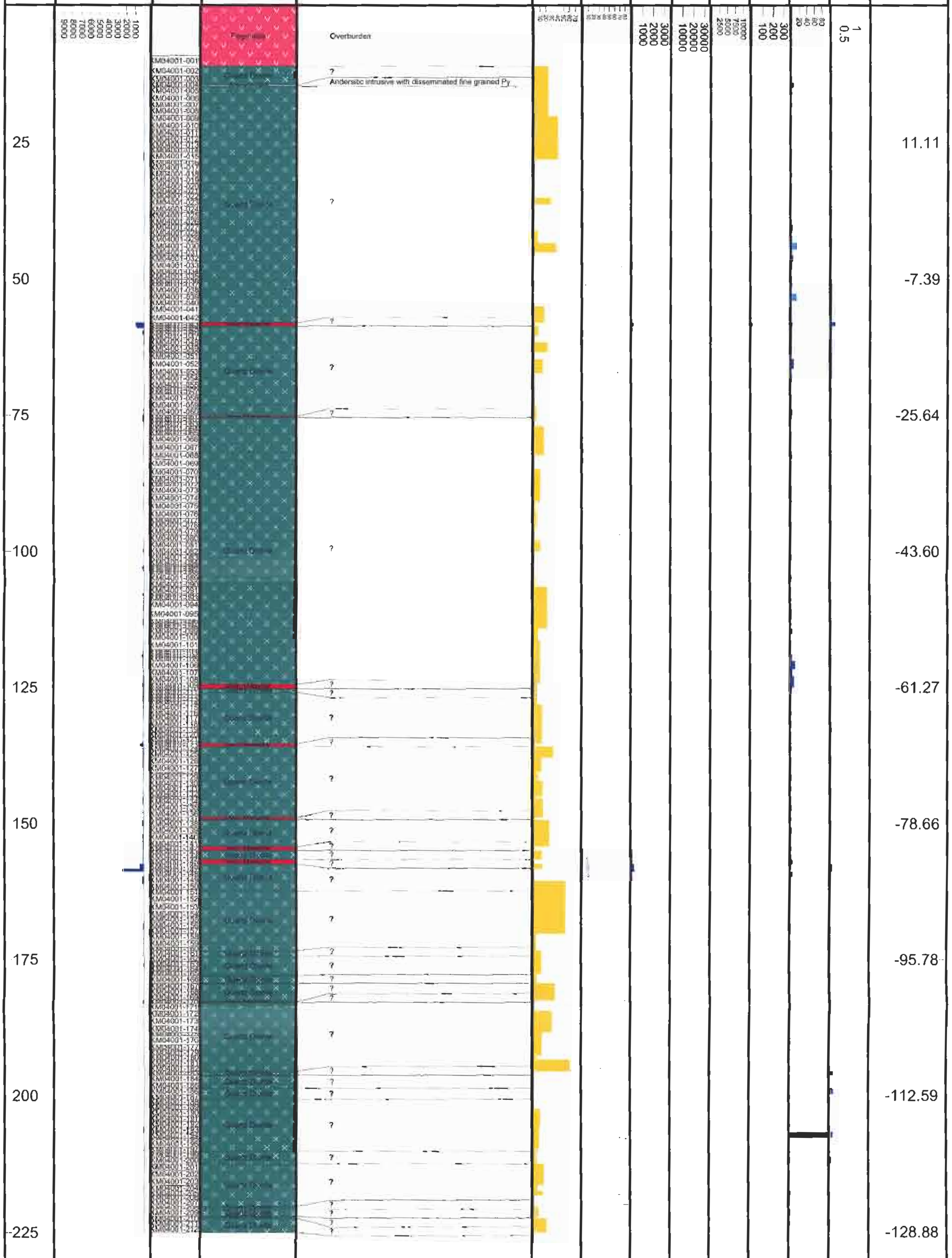
Scale 1:271 | 04/26/05 | 17:46:23

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KKM04001	DDH_LOC_ELEV_M :172.6

DDH_LOC_LEN_M :225	DDH_LOC_AZ :330	DDH_LOC_DIP :-50

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)

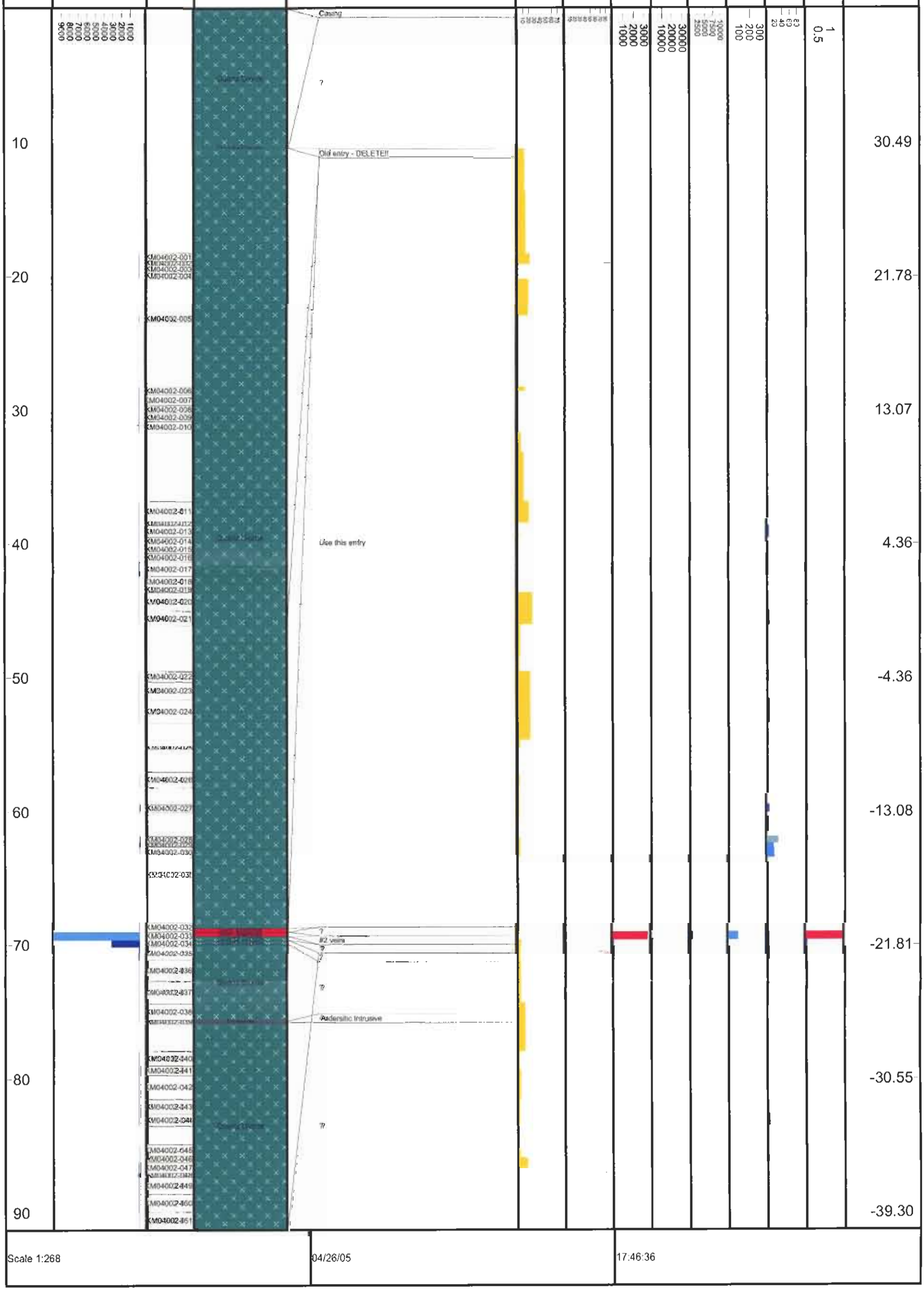


Scale 1:676	04/26/05	17:46:27

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KKM04002 | **DDH_LOC_ELEV_M :172.6**

DDH_LOC_LEN_M :91.2 | DDH_LOC_AZ :330 | DDH_LOC_DIP :-60



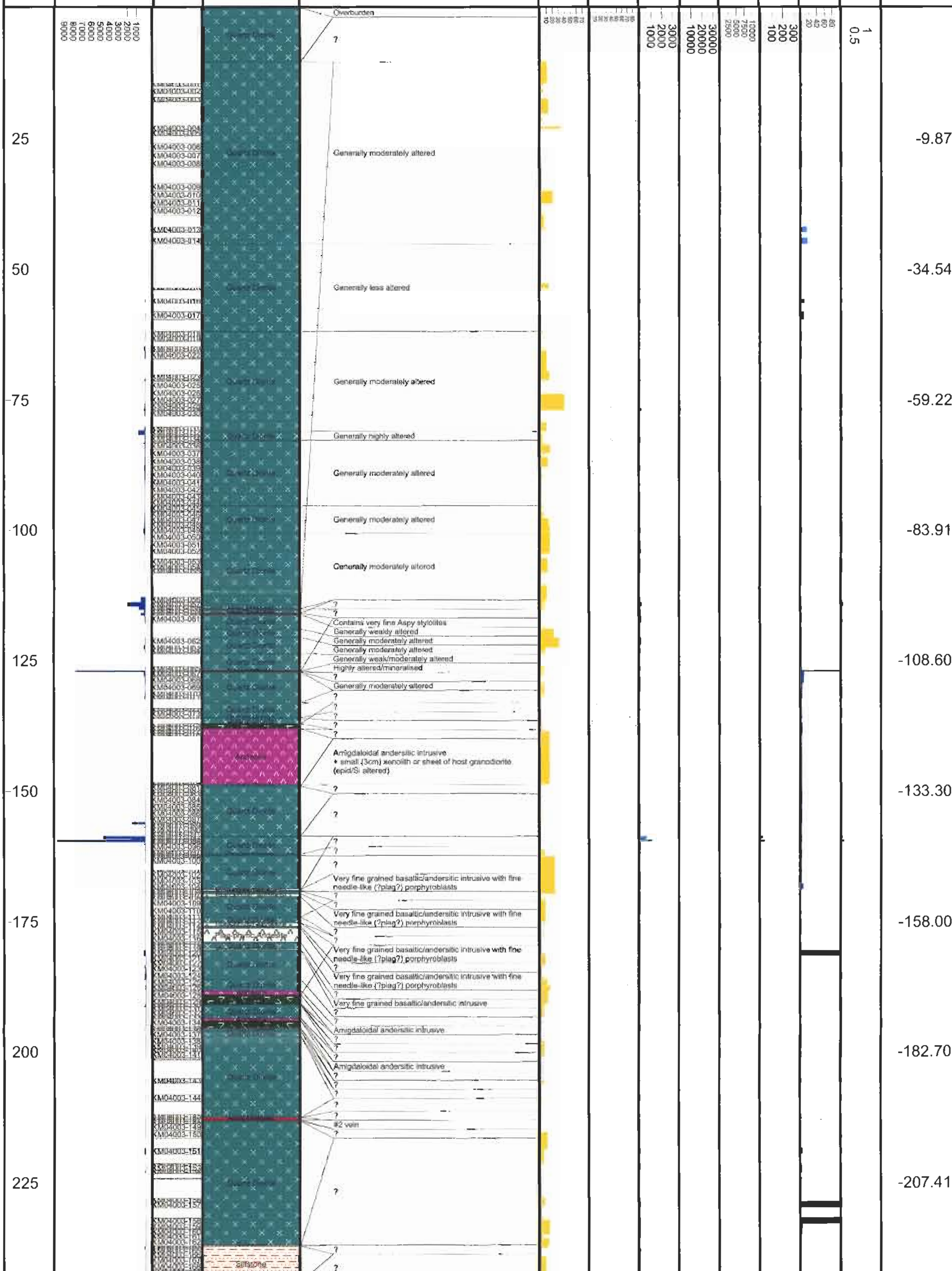
Scale 1:268 | 04/26/05 | 17:46:36

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KKM04003 | **DDH_LOC_ELEV_M :172.6**

DDH_LOC_LEN_M :243.9 | DDH_LOC_AZ :330 | DDH_LOC_DIP :-80

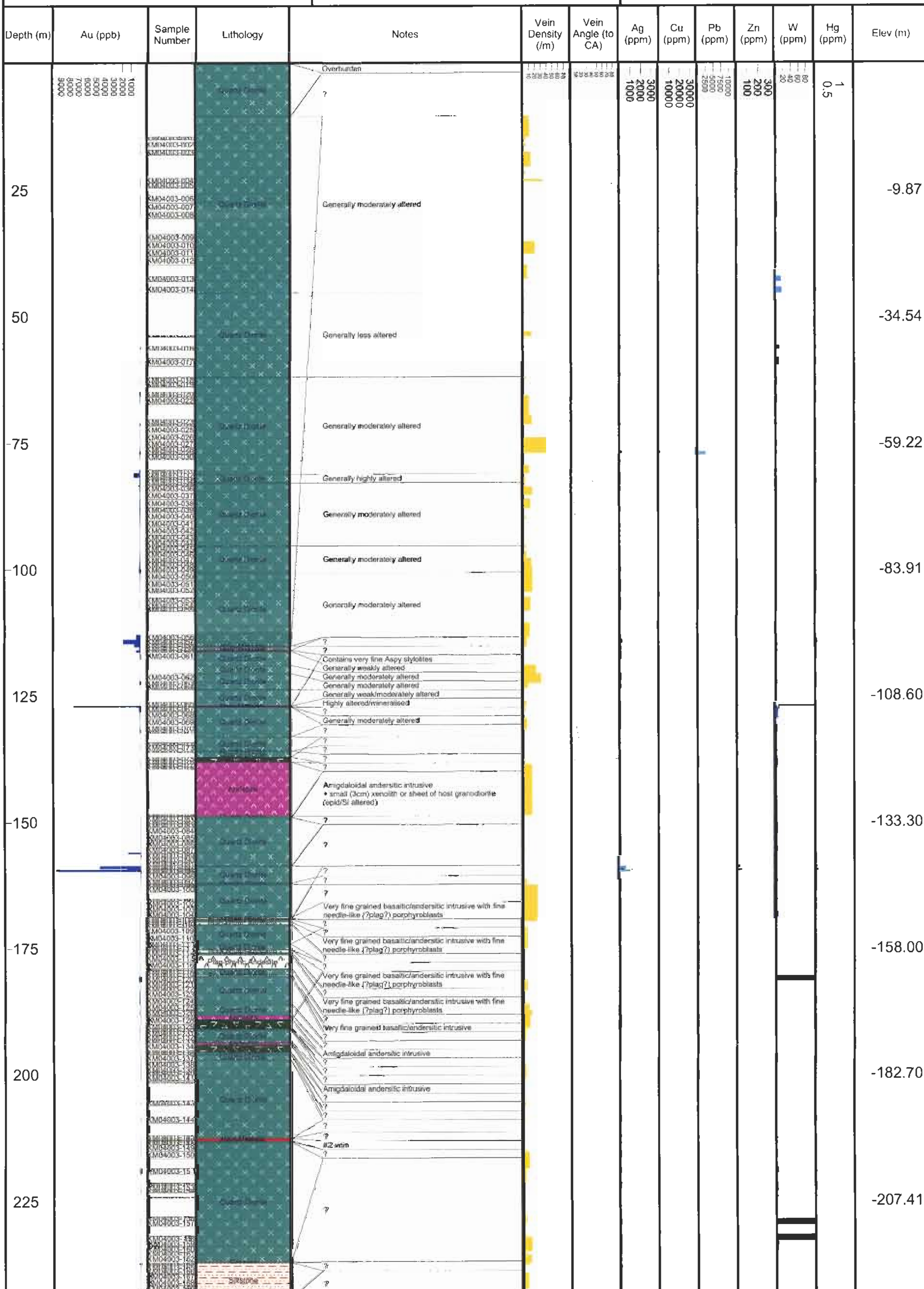
Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)



Scale 1:717 | 04/26/05 | 17:46:45

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KKM04003		DDH_LOC_ELEV_M :172.6
DDH_LOC_LEN_M :243.9	DDH_LOC_AZ :330	DDH_LOC_DIP :-80

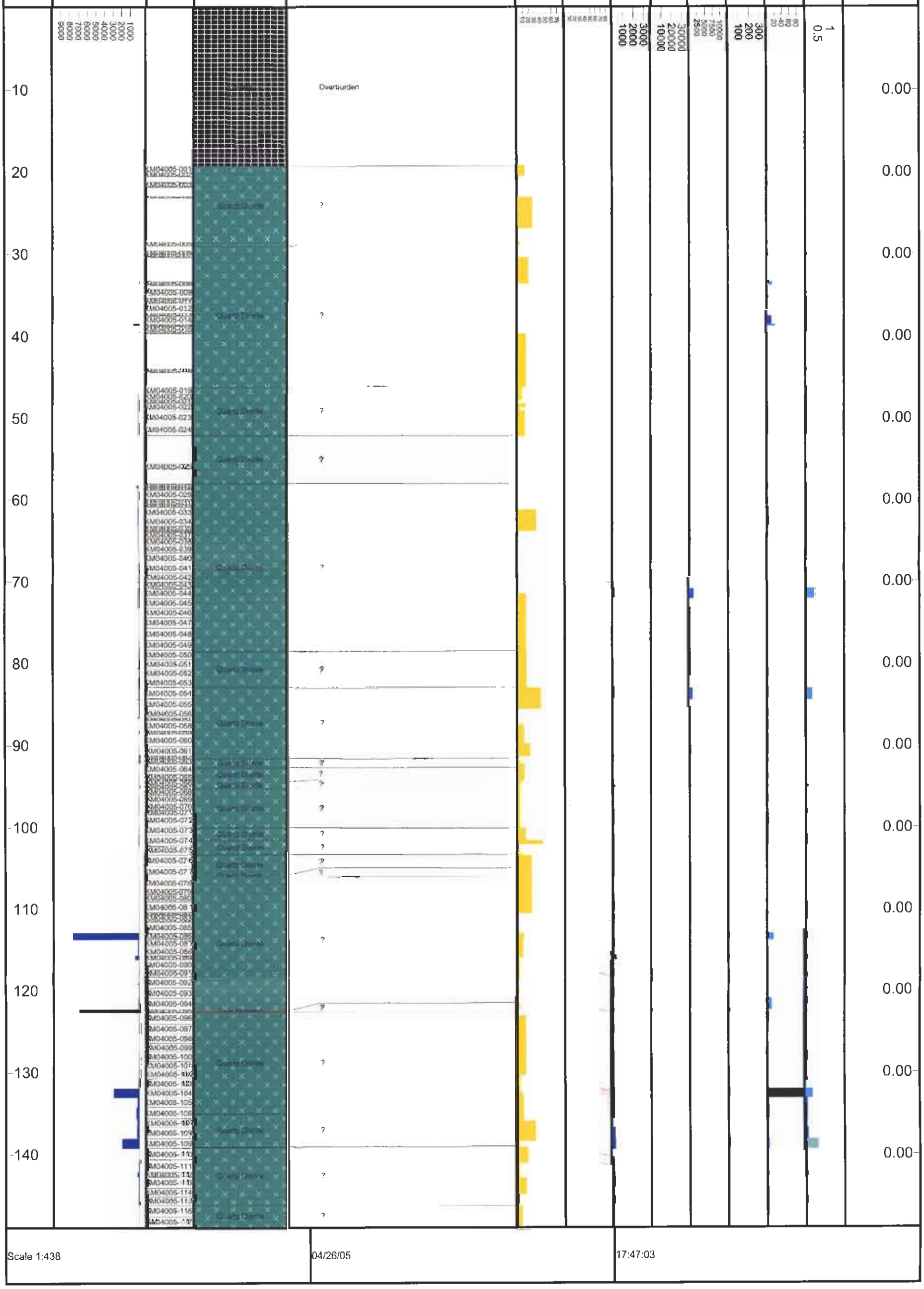


Scale 1:717	04/26/05	17:46:45

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KKM04005 | **DDH_LOC_ELEV_M :174.6**

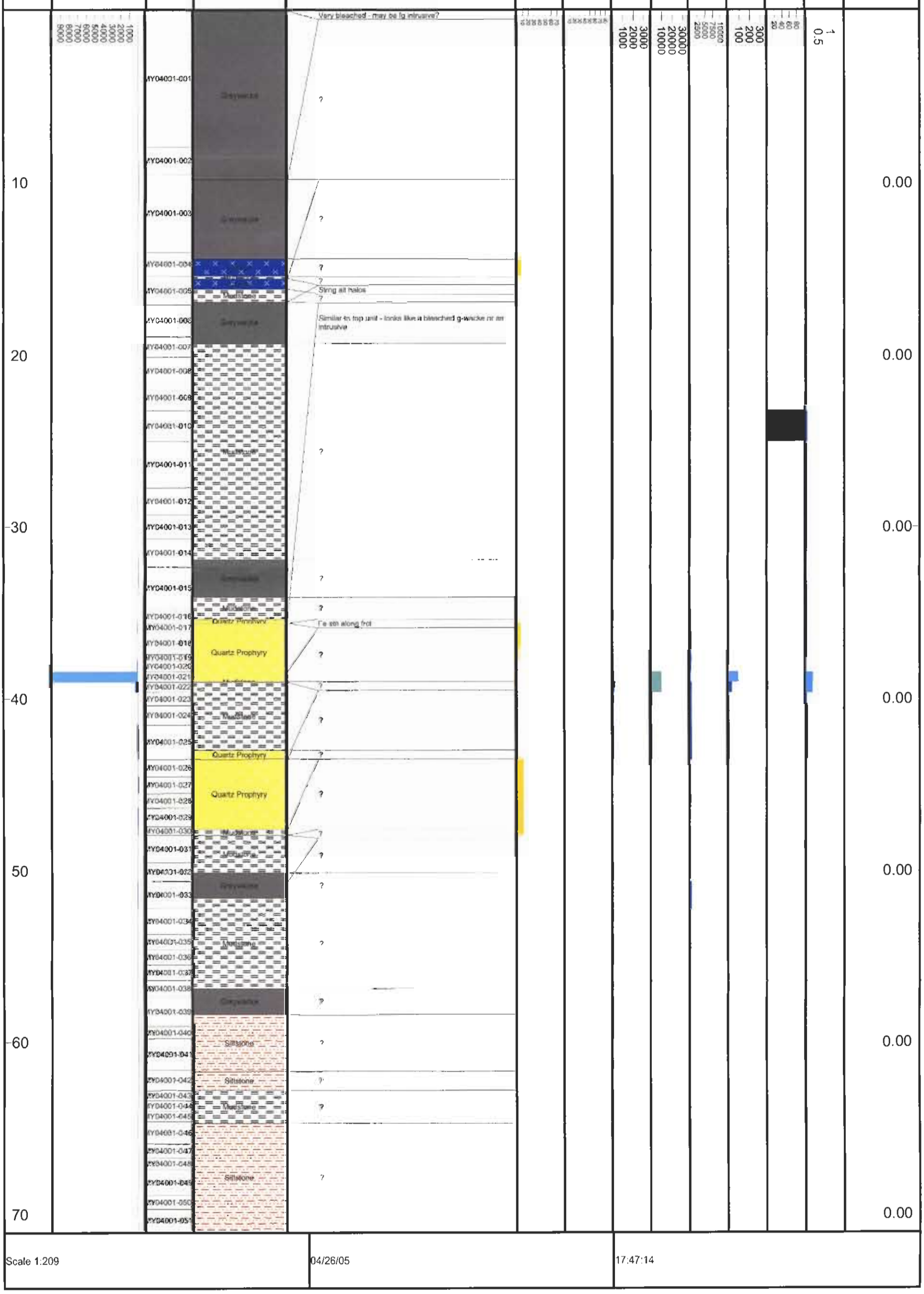
DDH_LOC_LEN_M :148.8 | DDH_LOC_AZ :330 | DDH_LOC_DIP :-60



Scale 1:438 | 04/26/05 | 17:47:03

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KMY04001	DDH_LOC_ELEV_M :959
DDH_LOC_LEN_M :71	DDH_LOC_AZ :220
DDH_LOC_DIP :-45	



Scale 1:209	04/26/05	17:47:14

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KMY04002 | **DDH_LOC_ELEV_M :959**

DDH LOC LEN_M :106.4 | DDH_LOC_AZ :220 | DDH_LOC_DIP :-60

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (lo CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	9000 8000 7000 6000 5000 4000 3000 2000 1000						1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300		0.5 1	

Lithology	Notes
	Cas ng
	Overburden?
	Overburden?
	Overburden?
Siltstone	?
Quartz Prophyry	Nearly al rusty from CO3 + Si
Mudstone	?
Siltstone	?
	Hb all chloritised
Mudstone	?
	Numerous shears + strong alt (Si + Fe)
Mudstone	?
	?
Siltstone	?
	?
Mudstone	?
Siltstone	?
	?
Siltstone	?
	Very mixed.... no good core sections. All broken & subrounded fragments of the rock types above.
Mudstone	?
Siltstone	?
Mudstone	?
Siltstone	?
Mudstone	?
Siltstone	Diagenetic Py near contact
Mudstone	?
Siltstone	?
Mudstone	Looks mixed - mainly mudstone + Hb granodiorite + greywacke. Very poor core ?contamination??

Sample numbers: MY04002-001, MY04002-002, MY04002-003, MY04002-004, MY04002-005, MY04002-006, MY04002-007, MY04002-008, MY04002-009, MY04002-010, MY04002-011, MY04002-012, MY04002-013, MY04002-014, MY04002-015, MY04002-016, MY04002-017, [illegible], MY04002-019, MY04002-020, MY04002-021, MY04002-022, MY04002-023, MY04002-024, MY04002-025, MY04002-026, MY04002-027, MY04002-028, MY04002-029, MY04002-030, MY04002-031, MY04002-032, MY04002-033, MY04002-034, MY04002-035, MY04002-036, MY04002-037, MY04002-038, [illegible], MY04002-040, MY04002-041, MY04002-042, MY04002-043, MY04002-044, MY04002-045, MY04002-046, MY04002-047, MY04002-048, MY04002-049, MY04002-050, MY04002-051, MY04002-052, MY04002-053, MY04002-054, MY04002-055, MY04002-056, MY04002-057, MY04002-058, MY04002-059, MY04002-060, MY04002-061, MY04002-062, MY04002-063, [illegible], [illegible], MY04002-066, MY04002-067, MY04002-068, MY04002-069, MY04002-070

Depth (m): 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Elev (m): 0.00 (at each depth mark)

Scale 1:313 | 04/26/05 | 17:47:19

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KMY04003	DDH_LOC_ELEV_M :959
DDH_LOC_LEN_M :68.6	DDH_LOC_AZ :220
DDH_LOC_DIP :-80	

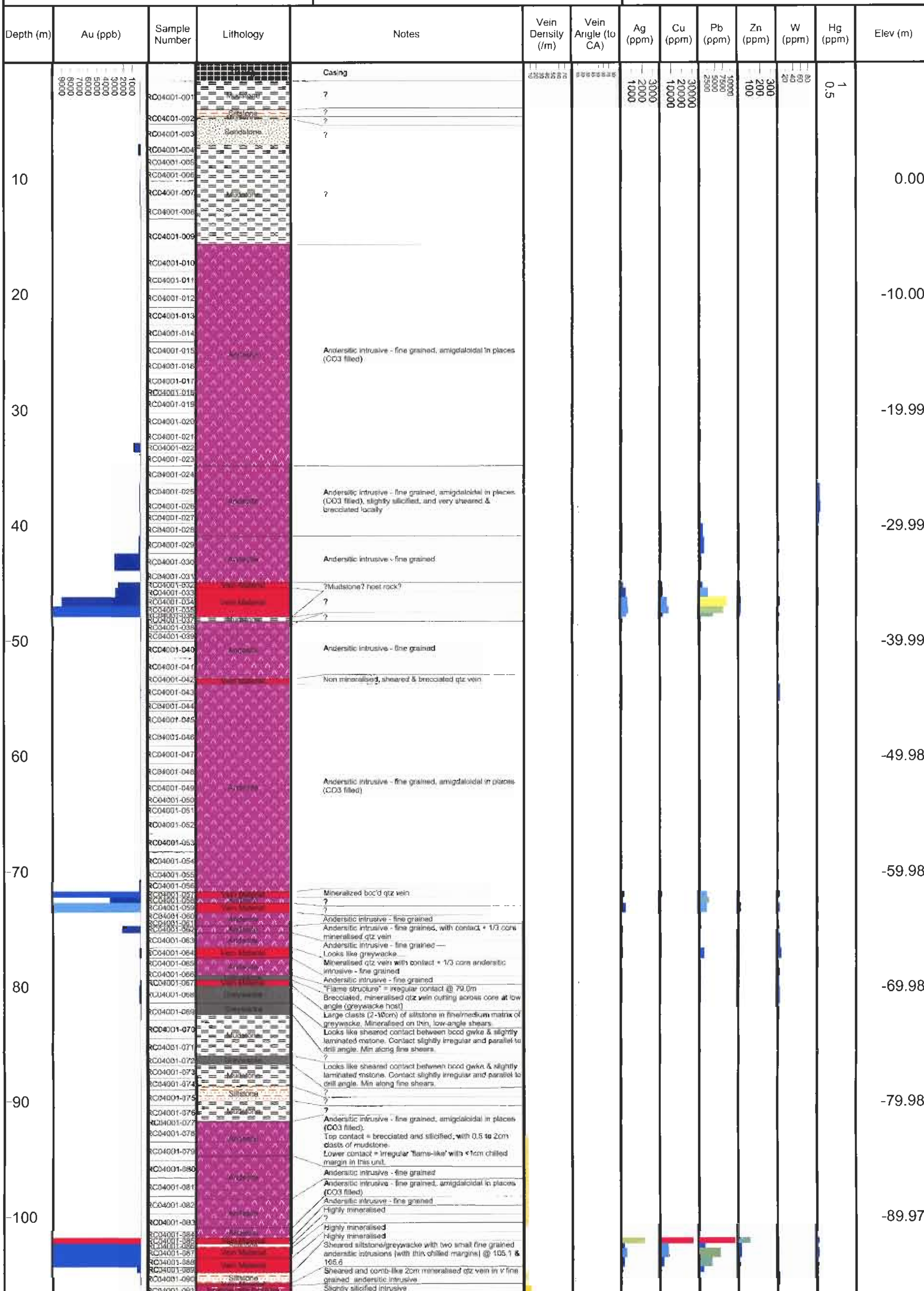
Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
10	1000 2000 3000 4000 5000 6000 7000 8000 9000	KMY04003-001	Greywacke	?			1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60	0.5 1	0.00
20		KMY04003-002	Quartz Prophyry	?									0.00
		KMY04003-003											
		KMY04003-004	Mudstone	?									
		KMY04003-005											
		KMY04003-006											
		KMY04003-007											
		KMY04003-008											
30		KMY04003-009	Greywacke	?									0.00
		KMY04003-010											
		KMY04003-011	Mudstone	?									
		KMY04003-012	Quartz Prophyry	?									
		KMY04003-013											
40		KMY04003-014											0.00
		KMY04003-015	Mudstone	?									
		KMY04003-016	Siltstone	Very broken/rounded core - ?downhole contamination?									
		KMY04003-017	Mudstone	?									
50		KMY04003-018	Greywacke	?									0.00
		KMY04003-019											
		KMY04003-020	Mudstone	?									
		KMY04003-021	Greywacke	?									
		KMY04003-022	Mudstone	?									
			Greywacke	?									
		KMY04003-023											
60		KMY04003-024	Greywacke										0.00
		KMY04003-025		?									
		KMY04003-026											

Scale 1:202	04/26/05	17:47:24

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KRC04001	**DDH_LOC_ELEV_M :835**

DDH_LOC_LEN_M :107.3	DDH_LOC_AZ :220	DDH_LOC_DIP :-90



Scale 1:316	04/26/05	17:47:28

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KRC04002 | **DDH_LOC_ELEV_M :835**

DDH_LOC_LEN_M :66.5 | DDH_LOC_AZ :40 | DDH_LOC_DIP :-80

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	9000 8000 7000 6000 5000 4000 3000 2000 1000	RC04002-001	Andesite	Andesitic intrusive - fine grained, amigdaloidal in places (CO3 filled)	0 1 2 3 4 5 6	0 10 20 30 40 50 60 70 80 90	1000 2000 3000	10000 20000 30000	2500 5000 7500 10000	100 200 300	20 40 60 80	0.5 1	
		RC04002-002											
		RC04002-003											
		RC04002-004											
		RC04002-005											
		RC04002-006	Mudstone	Could be andesitic intrusive....									
		RC04002-007											
		RC04002-008											
10		RC04002-009											-8.87
		RC04002-010											
		RC04002-011	Andesite	Andesitic intrusive - fine grained & light in colour.									
		RC04002-012											
		RC04002-013											
		RC04002-014	Siltstone	Very sheared (++ fil gouge)									
		RC04002-015											
		RC04002-016	Siltstone	?									
		RC04002-017											
		RC04002-018											
20		RC04002-019	Andesite	Very sheared									-18.72
		RC04002-020											
		RC04002-021	Siltstone	?									
		RC04002-022											
		RC04002-023	Mudstone	?									
		RC04002-024											
		RC04002-025											
		RC04002-026											
30													-28.57
			Siltstone	?									
		RC04002-027											
40		RC04002-028											-38.41
			Andesite	Andesitic intrusive - fine grained, amigdaloidal in places (CO3 filled)									
		RC04002-029	Mudstone	?									
		RC04002-030											
		RC04002-031											
50													-48.26
			Andesite	Andesitic intrusive - fine grained, amigdaloidal in places (CO3 filled)									
		RC04002-032	Siltstone	?									
		RC04002-033											
		RC04002-034		Equigranular intermediate intrusive.									
		RC04002-035	Andesite	Andesitic intrusive - fine grained, amigdaloidal in places (CO3 filled)									
60		RC04002-036											-58.10
		RC04002-037											
		RC04002-038	Mudstone	?									
		RC04002-039											
		RC04002-040	Andesite	Andesitic intrusive - fine grained, amigdaloidal in places (CO3 filled)									
		RC04002-041											
		RC04002-042		?									
		RC04002-043	Siltstone	?									

Scale 1:196 | 04/26/05 | 17:47:35

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KRC04003 | **DDH_LOC_ELEV_M :835**

DDH_LOC_LEN_M :102.7 | DDH_LOC_AZ :220 | DDH_LOC_DIP :-80

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
50	9000 8000 7000 6000 5000 4000 3000 2000 1000	KC04003-346	Mudstone Siltstone Mudstone Siltstone Siltstone Siltstone Mudstone Siltstone Felsic Intrusive Siltstone Mudstone Siltstone Quartz Monzonite Siltstone	Very rubbly - good core starts @ 4.5m ? >80% mudstone Felsic intrusive - fine grained + amygdales ? Felsic intrusive - fine grained +/-amigdales ? Felsic intrusive - fine grained +/- amigdales ? Silicified ? ? ? Andesitic intrusive - fine grained ? Slightly finer grained than higher in the hole. ? Contains veins + CO3 bleached ? ? ? Felsic intrusive - fine grained +/- ?amygdales? ? ? ? ? Pervasive CO3 alt = weak bleaching ?	20 10 0	20 10 0	3000 2000 1000	30000 20000 10000	10000 7500 5000 2500	300 200 100	80 40 20	1 0.5	-47.98
100													-97.17
150													-146.34
200													-195.52
250													-244.70
300													-293.88
350													-343.06
400													-392.24
450													-441.42

Scale 1:1356 | 04/26/05 | 17:47:42

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KRC04004 | **DDH_LOC_ELEV_M :835**

DDH_LOC_LEN_M :129.9 | DDH_LOC_AZ :280 | DDH_LOC_DIP :-60

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
10		RC04004-001	Overburden	Rubble									0.00
		RC04004-002	Overburden	Rubble									
		RC04004-003	Mudstone	Rubble									
		RC04004-004	Mudstone										
		RC04004-005	Mudstone										
		RC04004-006	Mudstone	?									
		RC04004-007	Overburden	?									
		RC04004-008	Siltstone	?									
20		RC04004-010	Greywacke	VERY uniform – almost looks igneous....									-8.54
		RC04004-011	Greywacke										
		RC04004-012	Greywacke										
			Siltstone	?									
30		RC04004-015	Siltstone	?									-17.10
		RC04004-019	Siltstone	?									
		RC04004-020	Siltstone	?									
		RC04004-021	Siltstone	?									
		RC04004-022	Siltstone	?									
		RC04004-023	Siltstone	?									
40			Siltstone	?									-25.67
			Mudstone	?									
			Mudstone	Medium grained intermediate intrusive with Si filled amigdales									
			Siltstone	?									
		RC04004-027	Siltstone	?									
50			Mudstone	?									-34.25
		RC04004-028	Mudstone	?									
		RC04004-029	Mudstone	?									
		RC04004-030	Siltstone	?									
		RC04004-032	Siltstone	?									
			Siltstone	?									
60			Siltstone	?									-42.84
		RC04004-034	Mudstone	?									
		RC04004-035	Mudstone	?									
			Siltstone	?									
		RC04004-037	Siltstone	?									
		RC04004-038	Siltstone	?									
		RC04004-039	Greywacke	++ veining (druay qtz) & local shearing									
70		RC04004-040	Greywacke	?									-51.45
		RC04004-041	Greywacke	?									
		RC04004-042	Greywacke	?									
		RC04004-043	Greywacke	?									
		RC04004-044	Greywacke	?									
		RC04004-045	Greywacke	?									
		RC04004-046	Greywacke	?									
		RC04004-047	Greywacke	?									
		RC04004-048	Greywacke	?									
		RC04004-049	Greywacke	?									
		RC04004-050	Mudstone	?									
		RC04004-051	Mudstone	?									
		RC04004-052	Mudstone	?									
		RC04004-053	Mudstone	?									
		RC04004-054	Mudstone	?									
		RC04004-055	Mudstone	?									
		RC04004-056	Mudstone	?									
80		RC04004-057	Mudstone	?									-60.06
		RC04004-058	Mudstone	?									
			Siltstone	?									
		RC04004-059	Siltstone	?									
		RC04004-060	Siltstone	?									
		RC04004-061	Siltstone	?									
		RC04004-062	Siltstone	?									
90		RC04004-063	Siltstone	?									-68.68
		RC04004-064	Siltstone	?									
		RC04004-065	Siltstone	?									
		RC04004-066	Siltstone	?									
		RC04004-067	Siltstone	?									
		RC04004-068	Siltstone	?									
		RC04004-069	Siltstone	?									
		RC04004-070	Siltstone	?									
100			Siltstone	?									-77.31
		RC04004-072	Siltstone	?									
		RC04004-073	Siltstone	?									
		RC04004-074	Siltstone	?									
		RC04004-075	Siltstone	?									
		RC04004-076	Siltstone	?									
		RC04004-077	Siltstone	?									
110			Siltstone	?									-85.95
		RC04004-079	Siltstone	?									
			Greywacke	VERY uniform – almost looks igneous....									
			Siltstone	Brecciated rip-up clasts @ lower contact with mudstone									
120			Mudstone	?									-94.59
			Mudstone	Medium grained intermediate intrusive with Si filled amigdales									
			Mudstone	?									
		RC04004-080	Mudstone	?									
		RC04004-081	Mudstone	?									
		RC04004-082	Mudstone	?									
		RC04004-083	Mudstone	?									
130		RC04004-084	Mudstone	?									-103.23

Scale 1:391 | 04/26/05 | 17:47:44

Appendix 3.3 - 2004 Kalum DDH Strip Logs

Hole Name :KRC04005	DDH_LOC_ELEV_M :835	
DDH_LOC_LEN_M :7.9	DDH_LOC_AZ :233	DDH_LOC_DIP :-53

Depth (m)	Au (ppb)	Sample Number	Lithology	Notes	Vein Density (/m)	Vein Angle (to CA)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	W (ppm)	Hg (ppm)	Elev (m)
	9000 8000 7000 6000 5000 4000 3000 2000 1000						3000 2000 1000	30000 20000 10000	10000 7500 5000 2500	300 200 100	80 60 40 20	1 0.5	
1		RC04005-001		?									0.00
		RC04005-002		?									
		RC04005-003											
2		RC04005-004		?									0.00
3		RC04005-005											0.00
		RC04005-006		?									
4													0.00
		RC04005-007		?									
5													0.00
		RC04005-008											
6													0.00
		RC04005-009		?									
7													0.00
		RC04005-010											

Scale 1:23	04/26/05	17:47:48

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
43	45.6	SILICIFICATION	2	PYRITE	2			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
37.7	38.7	SILICIFICATION	2					
40.3	41	FE STAINING	2					
43	44.8	SILICIFICATION	1	ARGILLIC	1			
52.9	54.5	SILICIFICATION	2	FE STAINING	1			
87.7	88	SILICIFICATION	1	SERICITE	1			
89	89.4	SILICIFICATION	1	SERICITE	1			
106.2	106.8	FE STAINING	1					

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
9.5	10.4	CARBONATE	1					
19.3	22	CARBONATE	1					
51.9	53.3	SILICIFICATION	1					
73.2	74.4	SILICIFICATION	1					
74.4	75	SILICIFICATION	1	CHLORITE	1			
81	81.5	CARBONATE	1					

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
17.9	20.7	CARBONATE	1					
35	38.4	SILICIFICATION	2	CARBONATE	1			
38.4	42.8	SILICIFICATION	1	CARBONATE	1			
42.8	43.5	SILICIFICATION	1					
43.5	44.1	SILICIFICATION	1	CARBONATE	3			
47.6	51.1	SKARN	1	CARBONATE	2			
51.9	53.4	SKARN	1	CARBONATE	1			
55	60.1	SILICIFICATION	1	CARBONATE	1			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
20.9	21.2	CARBONATE	1					
21.2	21.4	CARBONATE	3					
21.4	22	CARBONATE	1					
22.2	30.3	CARBONATE	1					
25	27.3	CARBONATE	1					
36.5	37.5	CARBONATE	1					

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
6.5	8.7	CARBONATE	1					
15.2	17.7	CARBONATE	1					
29.3	29.8	SILICIFICATION	1	CARBONATE	1			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
11	20.2	EPIDOTE	2	SILICIFICATION	2	SERICITE	2	
20.2	35	SERICITE	3	CHLORITE	3	SILICIFICATION	3	
35	41.1	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
41.1	43.4	EPIDOTE	1	SILICIFICATION	2	SERICITE	3	
43.4	53.4	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
53.4	55	SERICITE	3	CHLORITE	3	SILICIFICATION	3	
55	58	SERICITE	4	CHLORITE	3	SILICIFICATION	4	
58	58.6	SILICIFICATION	5	SERICITE	3	PYRITE	3	#2 vein ~ 40cm thick
58.6	61.6	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
61.6	64.7	SERICITE	3	CHLORITE	3	SILICIFICATION	3	
64.7	73.3	CHLORITE	3	SILICIFICATION	2	KSPAR	2	
73.3	75.1	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
75.1	75.5	SILICIFICATION	5	SERICITE	4	PYRITE	2	
75.5	77.1	SERICITE	2	CHLORITE	2	SILICIFICATION	3	
77.1	85.2	SERICITE	1	CHLORITE	3	SILICIFICATION	1	
85.2	91	EPIDOTE	4	SILICIFICATION	2	SERICITE	1	
91	92.5	SERICITE	3	CHLORITE	2	SILICIFICATION	2	
92.5	95.8	CHLORITE	3	CARBONATE	4	KSPAR	2	
95.8	98.2	CHLORITE	4	SILICIFICATION	1	KSPAR	3	
98.2	104.3	SERICITE	3	CHLORITE	2	SILICIFICATION	3	
104.3	106.6	CHLORITE	4	SILICIFICATION	2	KSPAR	3	
106.6	107.8	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
107.8	108.1	SILICIFICATION	5	SERICITE	2	PYRITE	2	
108.1	114.2	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
114.2	116.4	CHLORITE	2	SILICIFICATION	3	KSPAR	2	
116.4	124.2	SERICITE	4	CHLORITE	3	SILICIFICATION	4	
124.2	128.1	SILICIFICATION	4	SERICITE	3	PYRITE	2	Very sheared and brecciated with fine disseminated Py throughout
128.1	135.3	SERICITE	4	CHLORITE	4	SILICIFICATION	5	
135.3	135.8	SILICIFICATION	5	SERICITE	2	PYRITE	3	
135.8	145	SERICITE	4	CHLORITE	1	SILICIFICATION	4	
145	145.4	SILICIFICATION	4	SERICITE	2	PYRITE	3	
145.4	148.8	SERICITE	3	CHLORITE	2	SILICIFICATION	3	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
148.8	149.1	SILICIFICATION	5	SERICITE	4	PYRITE	3	
149.1	149.5	SERICITE	3	CHLORITE	1	SILICIFICATION	3	
149.5	154.2	SILICIFICATION	4	SERICITE	3	PYRITE	2	
154.2	154.9	SILICIFICATION	5	SERICITE	4	PYRITE	3	
154.9	156.6	SERICITE	4	CHLORITE	3	SILICIFICATION	3	
156.6	157.4	SILICIFICATION	5	SERICITE	3	PYRITE	3	
157.4	159.4	SILICIFICATION	3	SERICITE	2	PYRITE	2	
159.4	160.4	SILICIFICATION	2	SERICITE	2	PYRITE	2	
160.4	172.7	SERICITE	3	CHLORITE	3	SILICIFICATION	2	
172.7	173.3	CHLORITE	4	CARBONATE	3	EPIDOTE	2	
173.3	174.3	SILICIFICATION	3	CHLORITE	4	PYRITE	3	
174.3	177.9	SERICITE	3	CHLORITE	3	SILICIFICATION	3	
177.9	179.3	EPIDOTE	2	SILICIFICATION	1	KSPAR	1	
179.3	182.7	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
182.7	182.8	SILICIFICATION	5	SERICITE	2	PYRITE	3	
182.8	184.4	SERICITE	2	CHLORITE	2	SILICIFICATION	4	
184.4	185.6	CHLORITE	2	CARBONATE	4	SILICIFICATION	1	
185.6	186.2	CHLORITE	2	CARBONATE	3	SILICIFICATION	4	
186.2	188.4	CHLORITE	3	CARBONATE	4	EPIDOTE	1	
188.4	192.6	SERICITE	4	CHLORITE	3	SILICIFICATION	5	+ Py (3%)
192.6	193.4	EPIDOTE	3	SILICIFICATION	1	SERICITE	2	
193.4	202.5	SERICITE	2	CHLORITE	4	SILICIFICATION	3	
202.5	205.7	CHLORITE	3	CARBONATE	2	SERICITE	3	
205.7	209.4	SERICITE	2	CHLORITE	3	SILICIFICATION	3	
209.4	210.1	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
210.1	210.5	SILICIFICATION	4	SERICITE	3	PYRITE	4	
210.5	211.5	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
211.5	212.4	SILICIFICATION	4	SERICITE	3	PYRITE	4	
212.4	216.3	SERICITE	3	CHLORITE	3	SILICIFICATION	2	
216.3	217.3	CHLORITE	3	SILICIFICATION	2	KSPAR	2	
217.3	220.2	SERICITE	4	CHLORITE	3	SILICIFICATION	2	
220.2	220.7	SILICIFICATION	4	SERICITE	3	PYRITE	3	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
220.7	222	SERICITE	3	CHLORITE	3	SILICIFICATION	2	
222	222.4	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
222.4	225	SERICITE	3	CHLORITE	3	SILICIFICATION	3	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
11.2	13.4	EPIDOTE	2	CARBONATE	3	FE STAINING	2	
13.4	18.2	EPIDOTE	2	CARBONATE	2	SERICITE	2	
18.2	20.1	SERICITE	1	CHLORITE	3	SILICIFICATION	2	
20.1	28.2	EPIDOTE	4	SILICIFICATION	1	SERICITE	2	
28.2	31.6	SERICITE	3	CHLORITE	1	SILICIFICATION	1	
31.6	33	EPIDOTE	3	SILICIFICATION	1	SERICITE	1	
33	36.8	EPIDOTE	4	SILICIFICATION	2	SERICITE	2	
36.8	43.2	SERICITE	3	CHLORITE	3	SILICIFICATION	1	
43.2	43.6	CHLORITE	5	SILICIFICATION	1	KSPAR	3	
43.6	46	SERICITE	3	CHLORITE	1	SILICIFICATION	1	
46	48.4	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
48.4	49.5	CHLORITE	4	EPIDOTE	1	KSPAR	3	
49.5	50.3	SERICITE	3	CHLORITE	3	SILICIFICATION	3	
50.3	50.5	CHLORITE	2	CARBONATE	3	KSPAR	4	
50.5	53.4	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
53.4	57.1	CHLORITE	4	CARBONATE	3	EPIDOTE	1	
57.1	58.1	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
58.1	59.2	CHLORITE	4	CARBONATE	3	KSPAR	2	
59.2	59.4	CHLORITE	2	CARBONATE	4	KSPAR	4	
59.4	60.4	SILICIFICATION	3	SERICITE	4	PYRITE	1	
60.4	61.9	CHLORITE	4	CARBONATE	4	EPIDOTE	1	
61.9	63.4	SILICIFICATION	3	SERICITE	4	PYRITE	1	
63.4	64.5	CHLORITE	3	CARBONATE	2	SILICIFICATION	1	
64.5	65	SERICITE	2	CHLORITE	3	SILICIFICATION	3	
65	68.5	CHLORITE	5	CARBONATE	3	EPIDOTE	1	
68.5	69	SILICIFICATION	3	SERICITE	4	PYRITE	1	
69	70	SILICIFICATION	5	SERICITE	1	PYRITE	4	
70	71.1	SILICIFICATION	3	SERICITE	3	PYRITE	1	
71.1	74.3	SERICITE	3	CHLORITE	3	SILICIFICATION	2	
74.3	77.9	CHLORITE	4	CARBONATE	2	EPIDOTE	1	
77.9	79.2	SERICITE	2	CHLORITE	4	SILICIFICATION	3	
79.2	81.5	SERICITE	4	CHLORITE	2	SILICIFICATION	4	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
81.5	82.1	CHLORITE	4	CARBONATE	2	EPIDOTE	1	
82.1	83.5	SERICITE	3	CHLORITE	1	SILICIFICATION	3	
83.5	85.2	CHLORITE	3	CARBONATE	2	EPIDOTE	1	
85.2	85.8	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
85.8	91.2	SERICITE	4	CHLORITE	2	SILICIFICATION	3	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
9.8	11	SERICITE	3	CHLORITE	1	SILICIFICATION	2	Fe staining enveloping veins
11	15.6	CHLORITE	4	CARBONATE	3	EPIDOTE	2	
15.6	16.3	SERICITE	4	CHLORITE	2	SILICIFICATION	3	
16.3	17.2	CHLORITE	4	SILICIFICATION	2	KSPAR	3	
17.2	20.6	SERICITE	4	CHLORITE	3	SILICIFICATION	3	
20.6	21	CHLORITE	4	SILICIFICATION	2	KSPAR	3	
21	22.6	CHLORITE	3	CARBONATE	3	SERICITE	1	
22.6	33.5	SERICITE	2	CHLORITE	2	SILICIFICATION	3	
33.5	39.6	SERICITE	4	CHLORITE	2	SILICIFICATION	3	
39.6	41.9	CHLORITE	4	CARBONATE	2	SILICIFICATION	1	
41.9	43.4	SERICITE	3	CHLORITE	2	SILICIFICATION	3	
43.4	44	CHLORITE	4	CARBONATE	2	SILICIFICATION	1	
44	45.1	SERICITE	3	CHLORITE	1	SILICIFICATION	3	
45.1	46.1	CHLORITE	3	CARBONATE	2	SILICIFICATION	1	
46.1	47.2	EPIDOTE	3	CHLORITE	4	SILICIFICATION	1	
47.2	47.7	CHLORITE	4	CARBONATE	2	SILICIFICATION	1	
47.7	50.4	EPIDOTE	3	CHLORITE	4	SILICIFICATION	1	
50.4	51.8	CHLORITE	4	CARBONATE	2	SERICITE	2	
51.8	52.7	EPIDOTE	2	CHLORITE	4	SILICIFICATION	1	
52.7	60	CHLORITE	4	CARBONATE	3	SILICIFICATION	2	
60	61.8	CHLORITE	4	SILICIFICATION	3	KSPAR	3	
61.8	63.7	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
63.7	64.3	CHLORITE	4	CARBONATE	3	EPIDOTE	1	
64.3	71	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
71	71.4	SILICIFICATION	3	SERICITE	4	PYRITE	2	
71.4	76.6	SERICITE	3	CHLORITE	2	SILICIFICATION	3	
76.6	76.7	SILICIFICATION	5	SERICITE	3	PYRITE	1	+ Mo
76.7	80.8	SERICITE	5	CHLORITE	2	SILICIFICATION	5	
80.8	83.2	SILICIFICATION	4	SERICITE	4	PYRITE	2	
83.2	95.3	SERICITE	5	CHLORITE	2	SILICIFICATION	5	
95.3	100.6	SILICIFICATION	4	SERICITE	4	PYRITE	2	
100.6	107.8	SERICITE	3	CHLORITE	4	SILICIFICATION	4	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
107.8	113.3	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
113.3	115.9	SERICITE	2	CHLORITE	3	SILICIFICATION	3	+ Aspy, +/- Py
115.9	116	SILICIFICATION	5	SERICITE	1	PYRITE	1	Qtz vein (+ Aspy)
116	118.9	SERICITE	1	CHLORITE	4	SILICIFICATION	2	
118.9	123.6	SERICITE	2	CHLORITE	4	SILICIFICATION	3	
123.6	126.2	SERICITE	2	CHLORITE	4	SILICIFICATION	3	
126.2	126.9	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
126.9	127	SILICIFICATION	5	SERICITE	2	PYRITE	3	Qtz vein + Aspy
127	132.2	SERICITE	2	CHLORITE	4	SILICIFICATION	2	+ Py in narrow (<2mm veinlets)
132.2	133	CHLORITE	4	CARBONATE	2	SILICIFICATION	1	
133	135.8	CHLORITE	5	CARBONATE	1	EPIDOTE	2	
135.8	137	CHLORITE	5	CARBONATE	1	NONE		
137	138	CHLORITE	4	CARBONATE	2	SILICIFICATION	2	
148.6	149.8	EPIDOTE	2	SILICIFICATION	2	CHLORITE	3	
150.2	152.4	EPIDOTE	3	SILICIFICATION	1	CHLORITE	2	
152.4	155.9	EPIDOTE	4	SILICIFICATION	1	CHLORITE	3	
155.9	156.9	CHLORITE	4	CARBONATE	2	EPIDOTE	1	
156.9	157.7	EPIDOTE	2	SILICIFICATION	3	CHLORITE	3	
157.7	158.7	EPIDOTE	2	SILICIFICATION	2	SERICITE	1	
158.7	161.9	EPIDOTE	4	SILICIFICATION	3	SERICITE	2	
161.9	162.2	SERICITE	4	CHLORITE	3	SILICIFICATION	4	
162.2	168.7	EPIDOTE	2	SILICIFICATION	1	CHLORITE	4	
169.2	169.6	CHLORITE	4	CARBONATE	2	EPIDOTE	1	
170.1	175.2	CHLORITE	5	CARBONATE	2	EPIDOTE	2	
175.8	176.2	CHLORITE	3	CARBONATE	1	SILICIFICATION	1	
178.9	182.7	CHLORITE	4	CARBONATE	1	EPIDOTE	1	
182.7	186	SERICITE	2	CHLORITE	4	SILICIFICATION	3	
186	187.2	SERICITE	4	CHLORITE	2	SILICIFICATION	3	
187.2	188.2	SERICITE	4	CHLORITE	4	SILICIFICATION	5	
190.8	193.5	CHLORITE	4	CARBONATE	2			
195.5	197	SERICITE	4	CHLORITE	4	SILICIFICATION	3	
197	199.8	CHLORITE	3	CARBONATE	2			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
199.8	212.5	CHLORITE	3	CARBONATE	2	SILICIFICATION	1	
212.5	213.4	SILICIFICATION	5	SERICITE	3	PYRITE	1	
213.4	218.5	CHLORITE	3	SILICIFICATION	2	KSPAR	1	
218.5	219.3	CHLORITE	4	CARBONATE	2			
219.3	222.6	EPIDOTE	2	SILICIFICATION	2	SERICITE	1	
222.6	222.9	EPIDOTE	3	SILICIFICATION	3	SERICITE	1	
222.9	227.9	CHLORITE	3	CARBONATE	2	EPIDOTE	3	
227.9	233.8	CHLORITE	4	CARBONATE	2	EPIDOTE	1	
233.8	234.3	EPIDOTE	3	SILICIFICATION	2	SERICITE	1	
234.3	234.9	CHLORITE	3	CARBONATE	1			
234.9	235.6	SILICIFICATION	2	SERICITE	4	PYRITE	2	
235.6	237.1	EPIDOTE	2	SILICIFICATION	2	CHLORITE	3	
237.1	239.1	SERICITE	1	CHLORITE	2	SILICIFICATION	2	
239.1	243.9	CHLORITE	2	CARBONATE	3	SILICIFICATION	1	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
27	29.5	SERICITE	4	CHLORITE	1	SILICIFICATION	3	
32.3	32.6	SERICITE	4	CHLORITE	1	SILICIFICATION	3	
32.6	35.3	SERICITE	4	CHLORITE	2	SILICIFICATION	3	
35.3	35.9	CHLORITE	4	CARBONATE	3	SILICIFICATION	2	
35.9	42.8	CHLORITE	2	CARBONATE	3			
42.8	44.2	EPIDOTE	1	SILICIFICATION	1	SERICITE	2	
44.2	45.1	SERICITE	3	CHLORITE	2	SILICIFICATION	3	
45.1	46.7	CHLORITE	4	CARBONATE	2			
46.7	50.3	SERICITE	2	CHLORITE	2	SILICIFICATION	1	
50.3	54.7	EPIDOTE	1	SILICIFICATION	2	SERICITE	1	
54.7	56.4	SERICITE	3	CHLORITE	1	SILICIFICATION	5	
56.4	60.8	EPIDOTE	2	SILICIFICATION	2	SERICITE	1	
60.8	61.9	SERICITE	3	CHLORITE	1	SILICIFICATION	4	
61.9	65.9	EPIDOTE	1	SILICIFICATION	2	CHLORITE	4	
65.9	71.4	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
71.4	74.4	EPIDOTE	1	SILICIFICATION	1	CHLORITE	3	
74.4	74.6	SERICITE	4	CHLORITE	1	SILICIFICATION	5	
74.6	75.4	SILICIFICATION	5	SERICITE	4	PYRITE	3	#2 vein
75.4	78	SERICITE	5	CHLORITE	1	SILICIFICATION	5	
78	80	SERICITE	4	CHLORITE	1	SILICIFICATION	4	
80	82.5	CHLORITE	4	CARBONATE	2			
82.5	84.5	SERICITE	3	CHLORITE	3	SILICIFICATION	2	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
19.2	26.8	SERICITE	3	CHLORITE	2	SILICIFICATION	4	
26.8	28.4	SERICITE	2	CHLORITE	3	SILICIFICATION	2	
28.4	28.9	SERICITE	4	CHLORITE	2	SILICIFICATION	5	
28.9	29.5	CHLORITE	4	CARBONATE	2			
29.5	30.9	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
30.9	34	CHLORITE	4	CARBONATE	2	SILICIFICATION	2	
34	36	SERICITE	4	CHLORITE	2	SILICIFICATION	3	
36	39.6	CHLORITE	3	CARBONATE	2	SILICIFICATION	2	
37.4	37.4	SILICIFICATION	3	SERICITE	2	PYRITE	1	
38.6	38.6	SILICIFICATION	5	SERICITE	4	PYRITE	2	
39.6	46.1	CHLORITE	5	CARBONATE	3	SERICITE	1	
46.1	52.1	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
52.1	58	CHLORITE	5	CARBONATE	2	SILICIFICATION	2	
58	58.4	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
58.4	58.5	SILICIFICATION	5	SERICITE	3	PYRITE	3	
58.5	60	SERICITE	5	CHLORITE	3	SILICIFICATION	4	
60	60.1	SILICIFICATION	5	SERICITE	4	PYRITE	3	
60.1	100	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
100	101.5	SILICIFICATION	4	SERICITE	4	PYRITE	2	
101.5	103.3	SILICIFICATION	4	SERICITE	5	PYRITE	2	
103.3	106.1	SERICITE	4	CHLORITE	1	SILICIFICATION	5	
106.1	106.4	SILICIFICATION	3	SERICITE	5	PYRITE	2	
106.4	112.4	SERICITE	4	CHLORITE	1	SILICIFICATION	4	
112.4	116.2	SILICIFICATION	3	SERICITE	4	PYRITE	2	
116.2	121.5	SERICITE	4	CHLORITE	3	SILICIFICATION	3	
121.5	121.9	SILICIFICATION	3	SERICITE	5	PYRITE	3	
121.9	122.4	SERICITE	5	CHLORITE	2	SILICIFICATION	3	
122.4	122.7	SILICIFICATION	5	SERICITE	4	PYRITE	4	
122.7	132	SERICITE	4	CHLORITE	3	SILICIFICATION	3	
132	134	SILICIFICATION	3	SERICITE	4	PYRITE	2	
134	138.3	SERICITE	4	CHLORITE	2	SILICIFICATION	4	
138.3	139	SILICIFICATION	5	SERICITE	4	PYRITE	3	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
139	142.1	SERICITE	5	CHLORITE	3	SILICIFICATION	3	
142.1	142.7	SILICIFICATION	5	SERICITE	3	PYRITE	2	
142.7	145.4	SERICITE	4	CHLORITE	3	SILICIFICATION	4	
145.4	146	SILICIFICATION	5	SERICITE	4	PYRITE	3	
146	146.4	SERICITE	3	CHLORITE	3	SILICIFICATION	2	
146.4	147.9	CHLORITE	4	CARBONATE	2	SILICIFICATION	1	
147.9	148.2	SERICITE	4	CHLORITE	3	SILICIFICATION	2	
148.2	148.8	CHLORITE	4	CARBONATE	1	SILICIFICATION	1	

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
0	9.5	SILICIFICATION	1					
14.4	15.4	CARBONATE	2					
17.1	19.3	SILICIFICATION	1					
35.6	38.4	FE STAINING	1	CARBONATE	1			
38.4	39.5	SILICIFICATION	2	FE STAINING	2			
43.5	47.9	FE STAINING	1	CARBONATE	1			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04003	68.6	220	-80	507191	6066718	959	COMPLETE	29/09/2004	Chris Gallagher

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
13.5	21.4	FE STAINING	2	CARBONATE	1			
48.5	49.8	FE STAINING	2	CARBONATE	1			
51	52.5	FE STAINING	2	CARBONATE	1			
52.8	57.6	FE STAINING	2	CARBONATE	1			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
26.7	27	CARBONATE	2	SILICIFICATION	1			
31.5	32.2	SILICIFICATION	2					
45.3	461	SILICIFICATION	1	CARBONATE	3			
53.5	54.3	SILICIFICATION	1	CHLORITE	3			
91.9	95.1	SILICIFICATION	1	CARBONATE	2			
97.7	102.7	SILICIFICATION	2	CARBONATE	1			

Appendix 3.4.1 - Alteration Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
14.5	15.7	CARBONATE	2	SILICIFICATION	1			
32.8	35	CARBONATE	1	SILICIFICATION	1			
66.2	66.5	SILICIFICATION	3	CARBONATE	2			
66.5	69.7	SILICIFICATION	2					
69.7	70.1	SILICIFICATION	3					
70.1	72.9	SILICIFICATION	2	CARBONATE	1			
73.9	74.5	SILICIFICATION	4	PYRITE	2			
76.1	76.8	SILICIFICATION	1					
79.7	80.5	SILICIFICATION	1	CARBONATE	1			
104.8	107	CARBONATE	1	SILICIFICATION	1			
111.9	112.4	SILICIFICATION	1					
126.3	129.9	SILICIFICATION	2					

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3.3	2b	Mudstone					SELECT		Casing
3.3	5.8	2a	Greywacke		grey		medium	laminated		
5.8	19.1	2b	Mudstone	Greywacke	black	grey	very fine	laminated	interbedded	
19.1	19.6	2b	Mudstone	Greywacke	black	grey	fine-medium	brecciated		Angular 1 to 3cm clasts of mstone in gwacke matrix
19.6	24.2	2b	Mudstone		black		very fine	laminated		
24.2	26.2	2a	Greywacke		grey		fine-medium	laminated	flame structure	Flow or rip up structures @ 25.5
26.2	40.5	2b	Mudstone		black		very fine	laminated		
40.5	45.6	2a	Greywacke	Mudstone	grey	black	fine-medium	laminated	interbedded	
45.6	51.6	SELECT	Dacite	Porphyry	grey green	light	coarse	porphyritic		
51.6	54.7	2b	Mudstone		blue		fine	laminated		
54.7	61.2	2a	Greywacke		grey		fine-medium	laminated		
61.2	71.9	2b	Mudstone		black		fine	laminated		
71.9	73.5	1a	Quartz-Feldspar		pinkish	grey	medium-coarse	porphyritic		
73.5	75	2b	Mudstone	Greywacke	black	grey	fine-medium	laminated	interbedded	
75	88.4	2a	Greywacke		grey		medium	laminated	massive	
88.4	88.8	2b	Mudstone		black		fine	laminated		
88.8	89.1	1a	Lamprophyre		black		coarse	massive		
89.1	90.1	2b	Mudstone		black	grey	fine	laminated	massive	
90.1	93.9	2a	Greywacke		grey		medium	massive	laminated	
93.9	94.7	2a	Greywacke	Mudstone	grey	blue	fine-medium	laminated	interbedded	
94.7	96.7	2b	Mudstone	Mudstone	black	greyish	fine	laminated		
96.7	100.2	2a	Greywacke	Greywacke	grey		fine-medium	massive		
100.2	103	2b	Mudstone	Mudstone	blue	greyish	fine	massive	laminated	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	7.1	2a	Greywacke	Greywacke	grey		medium	massive		
7.1	9	2b	Mudstone	Greywacke	black	grey	fine-medium	laminated	interbedded	
9	11.8	2a	Greywacke	Mudstone	grey	black	medium	massive	interbedded	
11.8	14.3	2b	Mudstone	Greywacke	black	grey	fine-medium	laminated	interbedded	
14.3	15.2	2a	Greywacke	Conglomerate	grey		medium-coarse	massive	interbedded	Large (<3cm) clasts & small (4mm) angular qtz grains near 14.3m
15.2	20.4	2	Siltstone	Greywacke	grey		medium	massive	interbedded	
20.4	25.5	2a	Greywacke	Greywacke	grey		medium-coarse	massive	interbedded	
25.5	26.9	2a	Greywacke	Mudstone	grey	blue	medium	interbedded	laminated	
26.9	28.5	2a	Greywacke	Greywacke	grey		medium	massive	laminated	
28.5	32.5	2b	Mudstone	Mudstone	black	greyish	fine-medium	laminated	fractured	
32.5	36.6	2a	Greywacke	Greywacke	grey		medium	massive	laminated	
36.6	38.3	1b	Quartz Diorite	Quartz Diorite	grey green	greyish	medium-coarse	massive		
36.6	38.7	1b	Quartz Diorite		grey green	grey	coarse	massive		
38.3	38.7	2b	Mudstone	Greywacke	grey	greyish	fine-medium	interbedded	flow-banded	
38.7	40.3	2a	Greywacke	Mudstone	grey	black	fine-medium	laminated	interbedded	
40.3	42.1	2a	Greywacke	Mudstone	grey	orangish	medium-coarse	massive	interbedded	
42.1	43.1	2b	Mudstone	Mudstone	black		fine	laminated		
43.1	56.4	SELECT	Dacite	Porphyry	greyish	salt and pepper	very coarse	porphyritic	massive	Well formed Hb crystals (to 1cm) in matrix of qtz + plg?
56.4	60.2	2b	Mudstone	Mudstone	black	black	fine-medium	laminated		
60.2	68.7	1b	Quartz Diorite	Quartz Diorite	light	grey	medium-coarse	massive	none	
68.7	69.5	2b	Mudstone	Quartz Diorite	black	grey	medium	interbedded		
69.5	72.5	2a	Greywacke	Greywacke	grey	dark	medium	massive	interbedded	
72.5	76.1	SELECT	Dacite	Greywacke	grey	light	medium	massive		
76.1	77	2a	Greywacke	Greywacke	grey		medium	massive	laminated	
77	78	2	Siltstone	Mudstone	dark	grey	fine	laminated	interbedded	
78	81.4	2a	Greywacke	Mudstone	grey	black	medium	massive	interbedded	
81.4	84.1	2b	Mudstone	Greywacke	black	grey	fine-medium	laminated	interbedded	
84.1	84.4	2b	Mudstone	Siltstone	black	greyish	fine	interbedded	laminated	
84.4	92.2	2a	Greywacke		grey		medium	massive	laminated	
92.2	94.4	2b	Mudstone		black		very fine	massive	laminated	
94.4	99.6	2a	Greywacke	Mudstone	grey	black	fine-medium	interbedded	graded (reverse)	
99.6	106.2	2b	Mudstone		blue		fine	massive	laminated	
106.2	108.8	SELECT	Dacite		light	grey	medium	massive		
108.8	111.9	2b	Mudstone	Siltstone	black	grey	fine	laminated	interbedded	EOH

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing					SELECT		CasingCasingCasingCasingCasing
3	7.4	2b	Mudstone	Siltstone	black	grey	fine	laminated	interbedded	
7.4	9.1	2a	Greywacke	Siltstone	grey	black	fine-medium	laminated	interbedded	
9.1	11.1	2a	Greywacke		grey		medium	laminated		
11.1	15.1	2	Siltstone	Mudstone	black	grey	fine	interbedded	laminated	
15.1	26.3	2a	Greywacke		grey	dark	medium	laminated		
26.3	28.2	2b	Mudstone	Greywacke	black	grey	fine-medium	interbedded	laminated	
28.2	32	2a	Greywacke		grey		medium	massive	laminated	
32	33.5	2b	Mudstone		black		very fine	laminated		
33.5	33.7	2a	Greywacke		grey		medium	laminated		
33.7	36.1	2b	Mudstone		black		fine	laminated		
36.1	44.7	2a	Greywacke		grey		medium	laminated		
44.7	51.6	2b	Mudstone	Siltstone	black	dark	fine	interbedded	laminated	
51.6	54.1	2a	Greywacke		grey		medium-coarse	massive	laminated	
54.1	57.9	2b	Mudstone		black		very fine	massive		
57.9	58.8	SELECT	Dacite		grey	light	medium-coarse	massive	porphyritic	
58.8	62.4	2	Siltstone	Greywacke	grey	dark	fine-medium	laminated	interbedded	
62.4	65.2	2a	Greywacke		grey		medium	massive		
65.2	68.8	2	Siltstone	Mudstone	black	grey	fine	interbedded	laminated	
68.8	70.1	2b	Mudstone		black		very fine	laminated		
70.1	71.7	2a	Greywacke		grey		fine-medium	laminated		
71.7	73	2b	Mudstone		black		very fine	laminated		
73	75	2a	Greywacke		grey		medium	laminated	sheared	Last 60cm very sheared/foliated
75	75.3	1b	Quartz Diorite	Porphyry	grey green	light	medium-coarse	porphyritic		
75.3	76.6	2b	Mudstone		black		very fine	massive		
76.6	78	2a	Greywacke		grey		medium	massive	laminated	
78	80.1	2b	Mudstone		black		very fine	laminated		
80.1	84.5	2a	Greywacke	Siltstone	grey	dark	medium	laminated	interbedded	
84.5	86	2	Siltstone	Mudstone	grey	black	fine-medium	laminated	interbedded	EOH

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing					SELECT		Casing
3	3.8	2a	Greywacke		grey		medium	massive		
3.8	5.2	2b	Mudstone		black		very fine	laminated		
5.2	8.4	2a	Greywacke		grey		fine-medium	laminated	massive	
8.4	13.1	2b	Mudstone	Siltstone	blue	grey	fine	laminated	interbedded	
13.1	14.3	2a	Greywacke	Siltstone	grey	dark	fine-medium	massive	interbedded	
14.3	16.8	2a	Greywacke		grey		medium	massive	laminated	
16.8	17.4		Void					SELECT		Void - 5 feet washed away
17.4	19.4	2a	Greywacke	Siltstone	grey	dark	medium	massive	interbedded	
19.4	20.3	2a	Greywacke		grey		medium-coarse	massive		
20.3	23.5	2a	Greywacke		grey		medium	massive		
23.5	28.5	2	Siltstone	Mudstone	dark	grey	fine	interbedded	laminated	
23.5	35.3	2b	Mudstone		black	dark	very fine	laminated	massive	
35.3	51.1	1a	Porphyry	NEW ROCKTYP	grey green	salt and pepper	coarse	porphyritic	massive	
51.1	51.9	2b	Mudstone		black		very fine	laminated		
51.9	60.1	1b	Hornblende Gran	Diorite	greyish	salt and pepper	medium-coarse	massive	porphyritic	Probably similar composition to the Hb porphyry, but with no distinct porphyroblasts. Massive texture, almost aphinetic locally.

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing					SELECT		Casing
3	3.9	2a	Greywacke		grey		medium	laminated		
3.9	5.8	2b	Mudstone	Siltstone	black	grey	fine	laminated	interbedded	
5.8	10.1	2b	Mudstone		black		very fine	laminated		
10.1	12.5	2a	Greywacke		grey		medium	massive		
12.5	16.5	2	Siltstone	Greywacke	grey	light	fine-medium	interbedded	laminated	
16.5	18.4	2b	Mudstone	Greywacke	black	black	fine-medium	interbedded		
18.4	34.4	2a	Greywacke		grey		medium	massive	laminated	
34.4	35.4	2a	Greywacke	Mudstone	grey	dark	fine-medium	interbedded		
35.4	37.3	2a	Greywacke		grey	light	medium	laminated	massive	
37.3	47.9	2b	Mudstone	Siltstone	black	dark	fine	laminated	interbedded	
47.9	48.5	2a	Greywacke		grey		medium	massive		
48.5	48.7	2b	Mudstone		black		very fine	fractured	brecciated	
48.7	49.3	2a	Greywacke		grey		medium	massive		
49.3	49.7	SELECT	Dacite		grey	light	fine-medium	massive	porphyritic	
49.7	50.9	2a	Greywacke		grey		medium	massive	laminated	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing					SELECT		Casing
3	5.2	2b	Mudstone	Siltstone	black	grey	fine	interbedded	laminated	
5.2	11.6	2a	Greywacke		grey		medium	massive	laminated	
11.6	12.9	1a	Lamprophyre	Greywacke	black	grey	medium-coarse	massive		3cm, discrete lamprophyre dyke running parallel to drillhole
12.9	18	2a	Greywacke		grey		medium	massive		
18	20	2b	Mudstone		black		fine	massive	laminated	
20	23.2	2a	Greywacke		grey		medium	massive		
23.2	23.7	2a	Greywacke	Siltstone	grey	dark	fine-medium	interbedded	laminated	
23.7	25.9	2	Siltstone		dark	grey	fine	massive	laminated	
25.9	26.9	2b	Mudstone	Siltstone	black	dark	fine	laminated	interbedded	
26.9	28.2	1a	Quartz Prophyry		grey green	light	medium	porphyritic	massive	1-2mm irregularly shaped qtz phenocrysts in f-gnd green groundmass
28.2	29.3	2	Siltstone		grey	dark	fine	massive	laminated	
29.3	29.8	1a	Quartz Prophyry		light	greyish	fine-medium	porphyritic	massive	Altered - CO3 + silicified - much more than the intersection above
29.8	37.3	2b	Mudstone		black		very fine	massive	laminated	
37.3	42.4	2a	Greywacke		grey		medium	massive		
42.4	48.1	2a	Greywacke	Siltstone	grey	black	fine-medium	interbedded	laminated	
48.1	53.8	2a	Greywacke		grey		medium	massive		
53.8	57.3		Dacite	Porphyry	grey	light		massive	porphyritic	
57.3	61	2b	Mudstone		black		very fine	massive	laminated	
61	61.2	2b	Mudstone		black	white	fine-medium	brecciated	fractured	
61.2	65.4	2b	Mudstone		black		very fine	laminated	massive	
65.4	67.5		Dacite		light	salmon	fine-medium	massive	porphyritic	
67.5	69.2	2	Siltstone	Mudstone	grey	black	fine	laminated	interbedded	
69.2	72.6	2b	Mudstone		black		very fine	laminated		
72.6	81.7	2a	Greywacke	Siltstone	grey	black	fine-medium	interbedded	laminated	
81.7	85.6	2b	Mudstone		black		fine	massive		
85.6	92.1	2a	Greywacke		grey		medium	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	11	1a	Pegmatite					SELECT		Overburden
11	14.5	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive	none	
14.5	14.7	2a	Arkosic Grit		dark	grey	fine-medium	massive	equigranular	Andersitic intrusive with disseminated fine grained Py
14.7	58	1b	Quartz Diorite		grey	grey green	medium-coarse	massive		
58	58.6		Vein Material		white		fine-medium	massive		
58.6	75.2	1b	Quartz Diorite		grey	grey green	medium-coarse	massive		
75.2	75.4		Vein Material		white	greyish	medium	sheared		
75.4	124.4	1b	Quartz Diorite		grey	grey green	medium-coarse	massive		
124.4	125.2		Vein Material	Quartz Diorite	white	greyish	medium	sheared	massive	
125.2	125.9	1b	Quartz Diorite	Vein Material	grey	light	medium	massive	sheared	
125.9	135.3	1b	Quartz Diorite		grey		medium	sheared	massive	
135.3	135.8		Vein Material		white		fine-medium	massive	sheared	
135.8	148.8	1b	Quartz Diorite		grey	light	medium-coarse	massive		
148.8	149.2		Vein Material		greyish	grey green	medium	sheared	mylonitic	
149.2	154.2	1b	Quartz Diorite		grey	light	medium-coarse	massive	sheared	
154.2	154.9		Vein Material		white	grey green	medium-coarse	sheared	brecciated	
154.9	156.6	1b	Quartz Diorite		grey	grey green	medium-coarse	massive	sheared	
156.6	157.4		Vein Material	Quartz Diorite	white	grey green	medium-coarse	massive	fractured	
157.4	162.3	1b	Quartz Diorite		grey	light	medium-coarse	massive	sheared	
162.3	173.3	1b	Quartz Diorite		grey green		medium-coarse	massive		
173.3	174.3	1b	Quartz Diorite		greenish	grey green	medium-coarse	sheared	brecciated	
174.3	177.9	1b	Quartz Diorite		grey green		medium-coarse	massive	sheared	
177.9	179.3	1b	Quartz Diorite		salt and pepper	greenish	medium-coarse	massive		
179.3	182.7	1b	Quartz Diorite		grey green		medium-coarse	massive	sheared	
182.7	182.8		Vein Material		white	grey green	medium	brecciated		
182.8	195.5	1b	Quartz Diorite		grey green		medium-coarse	massive		
195.5	196.2	1b	Quartz Diorite		grey green	light	fine-medium	sheared		
196.2	198.6	1b	Quartz Diorite		grey green		medium	massive		
198.6	200.6	1b	Quartz Diorite		grey green	light	fine-medium	sheared	massive	
200.6	210.1	1b	Quartz Diorite		green	grey	medium-coarse	massive		
210.1	212.4	1b	Quartz Diorite		grey green	light	fine-medium	sheared		
212.4	220.2	1b	Quartz Diorite		grey	greenish	medium-coarse	massive		
220.2	220.7	1b	Quartz Diorite		grey green	light	fine-medium	sheared		
220.7	222	1b	Quartz Diorite		green	grey	medium-coarse	massive		
222	222.4	1b	Quartz Diorite		grey green	light	fine-medium	sheared		
222.4	225	1b	Quartz Diorite		green	grey	medium-coarse	massive	sheared	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	10.4		Casing					SELECT		Casing
0	68.7	1b	Quartz Diorite							
10.4	45.4	1b	Quartz Diorite		salt and pepper	grey	medium-coarse	massive		Old entry - DELETE!!
10.4	69	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive		Use this entry
68.7	69.3		Vein Material							
69	69.6		Vein Material		milky	grey	fine-medium	massive		#2 vein
69.3	91	1b	Quartz Diorite							
69.6	69.9	1b	Quartz Diorite	Vein Material	grey	milky	fine-medium	massive	sheared	
69.9	75.7	1b	Quartz Diorite		salt and pepper	greyish	medium-coarse	massive		
75.7	75.8	1a	Andesite		salt and pepper	dark	fine-medium	massive		Andersitic Intrusive
75.8	91.2	1b	Quartz Diorite		salt and pepper	grey green	medium-coarse	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	10.3		Casing					SELECT		Overburden
0	115	1b	Quartz Diorite							
10.3	45.1	1b	Quartz Diorite		grey green	salt and pepper	coarse	massive		Generally moderately altered
45.1	61.9	1b	Quartz Diorite		salt and pepper	grey green	coarse	massive		Generally less altered
61.9	81	1b	Quartz Diorite		grey green	light	medium-coarse	massive		Generally moderately altered
81	82.7	1b	Quartz Diorite		grey green	light	medium-coarse	sheared	massive	Generally highly altered
82.7	95.3	1b	Quartz Diorite		grey green	light	medium-coarse	massive		Generally moderately altered
95.3	100.6	1b	Quartz Diorite		grey green	light	medium-coarse	sheared	massive	Generally moderately altered
100.6	115.9	1b	Quartz Diorite		grey green	light	medium-coarse	massive		Generally moderately altered
115	115.1		Vein Material							
115.1	127	1b	Quartz Diorite							
115.9	116.1		Vein Material		milky		fine	massive		Contains very fine Aspy stylolites
116.1	118.9	1b	Quartz Diorite		salt and pepper	dark	coarse	massive		Generally weakly altered
118.9	120.5	1b	Quartz Diorite		grey green	light	medium	massive	none	Generally moderately altered
120.5	123.6	1b	Quartz Diorite		grey green	light	fine-medium	sheared	massive	Generally moderately altered
123.6	126.9	1b	Quartz Diorite		grey green		medium-coarse	massive		Generally weak/moderately altered
126.9	127.1		Vein Material		milky		medium-coarse	massive		Highly altered/mineralised
127	127.1		Vein Material							
127.1	133	1b	Quartz Diorite		grey green		medium-coarse	massive		Generally moderately altered
127.1	137	1b	Quartz Diorite							
133	135.8	1b	Quartz Diorite		grey green	salt and pepper	coarse	massive		
135.8	135.9	1b	Quartz Diorite		grey green	dark	fine-medium	sheared		
135.9	138	1b	Quartz Diorite		grey	dark	medium	massive		
137	149	1a	Mafic Dyke							
138	148.7	1a	Andesite		grey	pink	fine-medium	amygdaloidal	massive	Amigdaloidal andersitic intrusive + small (3cm) xenolith or sheet of host granodiorite (epid/Si altered)
148.7	158.5	1b	Quartz Diorite		grey	salt and pepper	coarse	massive		
149	169	1b	Quartz Diorite							
158.5	161.9	1b	Quartz Diorite		grey green	greyish	medium-coarse	massive		
161.9	162.2	1b	Quartz Diorite		greenish	light	medium-coarse	massive		
162.2	168.7	1b	Quartz Diorite		grey green	greyish	coarse	massive		
168.7	169.1	1a	Plag-phyric Ande		black		fine	massive	porphyroblastic	Very fine grained basaltic/andersitic intrusive with fine needle-like (?plag?) porphyroblasts
169	174	1a	Mafic Dyke							
169.1	169.6	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive		
169.6	170.1	1a	Plag-phyric Ande		black		very fine	massive	porphyroblastic	Very fine grained basaltic/andersitic intrusive with fine needle-like (?plag?) porphyroblasts
170.1	175.2	1b	Quartz Diorite		grey	grey green	medium-coarse	massive		
174	189	1b	Quartz Diorite							
175.2	175.8	1a	Plag-phyric Ande		black		very fine	massive	porphyroblastic	Very fine grained basaltic/andersitic intrusive with fine needle-like (?plag?) porphyroblasts
175.8	176.2	1b	Quartz Diorite		grey green	grey	medium-coarse	massive		
176.2	178.9	1a	Plag-phyric Ande		black		very fine	massive	porphyroblastic	Very fine grained basaltic/andersitic intrusive with fine needle-like (?plag?) porphyroblasts
178.9	180.2	1b	Quartz Diorite		grey	grey green	medium	massive		
180.2	180.4	1a	Plag-phyric Ande		blue		very fine	massive		Very fine grained basaltic/andersitic intrusive
180.4	186	1b	Quartz Diorite		grey	grey green	medium	massive		
186	188.2	1b	Quartz Diorite		greenish	light	fine-medium	sheared	massive	
188.2	190.8	1a	Andesite		grey	dark	fine-medium	massive	amygdaloidal	Amigdaloidal andersitic intrusive
189	191	1a	Mafic Dyke							
190.8	193.5	1b	Quartz Diorite		grey green	dark	medium	massive	sheared	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
191	194	1b	Quartz Diorite							
193.5	195.5	1a	Andesite		grey	dark	fine	massive	amygdaloidal	Amigdaloidal andersitic intrusive
194	196	1a	Mafic Dyke							
195.5	197	1b	Quartz Diorite		grey green	dark	fine-medium	massive	sheared	
196	212.5	1b	Quartz Diorite							
197	212.5	1b	Quartz Diorite		grey green	light	coarse	massive		
212.5	213		Vein Material							
212.5	213.2		Vein Material	Quartz Diorite	white	grey green	medium-coarse	massive	brecciated	#2 vein
213	236.9	1b	Quartz Diorite							
213.2	237.1	1b	Quartz Diorite		grey green	light	medium-coarse	massive		
236.9	243.9	2	Siltstone							
237.1	243.9	2	Siltstone		greenish	grey	fine	massive	laminated	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	27		Casing					SELECT		Overburden
27	42.9	1b	Quartz Diorite		grey green	grey	medium-coarse	micritic		
42.9	44.2	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive		
44.2	61.5	1b	Quartz Diorite		grey green	greyish	coarse	massive		
61.5	65	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive		
65	74.6	1b	Quartz Diorite		grey green	greyish	coarse	massive		
74.6	74.7		Vein Material		white	greenish	medium	massive	brecciated	
74.7	75	1b	Quartz Diorite	Vein Material	grey green	white	medium-coarse	massive		
75	75.1		Vein Material		white	greenish	medium	massive		#2 Vein
75.1	80	1b	Quartz Diorite		grey green	greyish	coarse	massive		
80	82.5	1b	Quartz Diorite		salt and pepper	greyish	coarse	massive		
82.5	84.5	1b	Quartz Diorite		grey green	greyish	medium-coarse	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	19.2		Casing					SELECT		Overburden
19.2	28.9	1b	Quartz Diorite		grey green	light	coarse	massive		
28.9	46.1	1b	Quartz Diorite		salt and pepper	greenish	coarse	massive		
46.1	52.1	1b	Quartz Diorite		grey green	grey	coarse	massive		
52.1	58	1b	Quartz Diorite		salt and pepper	greenish	coarse	massive		
58	78.5	1b	Quartz Diorite		grey green	greyish	medium-coarse	massive		
78.5	82.9	1b	Quartz Diorite		grey green	greyish	medium-coarse	sheared	massive	
82.9	91.6	1b	Quartz Diorite		grey green	greyish	medium-coarse	massive		
91.6	92.7	1b	Quartz Diorite		grey green	greyish	medium	sheared	massive	
92.7	94.4	1b	Quartz Diorite		grey green	greyish	coarse	massive		
94.4	95.2	1b	Quartz Diorite		grey green	greyish	medium-coarse	sheared	massive	
95.2	100	1b	Quartz Diorite		grey green	greyish	medium-coarse	massive	sheared	
100	101.5	1b	Quartz Diorite		grey green	greyish	coarse	massive	sheared	
101.5	103.3	1b	Quartz Diorite		grey green	greyish	medium-coarse	sheared		
103.3	105.8	1b	Quartz Diorite		grey green	greyish	coarse	massive	sheared	
105.8	106	1b	Quartz Diorite		grey green	greyish	medium-coarse	sheared		
106	122.5	1b	Quartz Diorite		grey green	greyish	coarse	massive	sheared	
122.5	122.6		Vein Material		white		medium	massive		
122.6	135	1b	Quartz Diorite		grey green	greyish	coarse	massive	sheared	
135	139	1b	Quartz Diorite		grey green	greenish	coarse	massive		
139	146.1	1b	Quartz Diorite		grey green	light	medium-coarse	massive	sheared	
146.1	148.8	1b	Quartz Diorite		green	grey green	coarse	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	9.8	2a	Greywacke		light	greyish	medium	massive		Very bleached - may be fg intrusive?
0	15.5488	2a	Greywacke					SELECT		
9.8	14.4	2a	Greywacke		dark	grey	medium	massive		
14.4	15.4	1c	Diorite		grey green	pinkish	medium-coarse	massive		
15.4	16.9	2b	Mudstone		black		fine	massive	laminated	
15.5488	16.1585	1c	Diorite		green		fine-medium	veined	foliated	Strng alt halos
16.1585	35.3659	2b	Mudstone					SELECT		
16.9	19.3	2a	Greywacke		grey green	light	medium	massive		Similar to top unit - looks like a bleached g-wacke or an intrusive
19.3	31.9	2b	Mudstone		black		very fine	laminated	massive	
31.9	34.1	2a	Greywacke		grey		fine-medium	massive		
34.1	35.6	2b	Mudstone		black		very fine	laminated		
35.3659	38.4146	1a	Quartz Prophyry		white	rusty	fine	porphyritic	altered	Fe stn along frct
35.6	39	1a	Quartz Prophyry		light	greyish	medium-coarse	porphyritic	massive	
39	43.5	2b	Mudstone	Siltstone	black	grey	fine-medium	massive	interbedded	
39.0244	42.9878	2b	Mudstone					SELECT		
42.9878	47.561	1a	Quartz Prophyry					SELECT		
43.5	47.9	1a	Quartz Prophyry		light	greyish	medium-coarse	porphyritic		
47.561	50.6098	2b	Mudstone					SELECT		
47.9	50.1	2b	Mudstone		black		very fine	laminated		
50.1	51.6	2a	Greywacke		grey		medium	massive		
51.6	56.9	2b	Mudstone		black	dark	very fine	laminated	massive	
56.9	58.4	2a	Greywacke	Siltstone	grey	dark	fine-medium	interbedded		
58.4	61.7	2	Siltstone	Mudstone	grey	dark	fine	massive	laminated	
61.7	62.8	2	Siltstone		grey	light	fine	massive		
62.8	64.7	2b	Mudstone		black		very fine	laminated	massive	
64.7	71	2	Siltstone		grey		fine-medium	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04002	106.4	220	-60	507191	6066718	959	COMPLETE	27/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*	
0	7.9		Casing					SELECT		Casing	
7.9	10.1	2a	Greywacke		grey	pinkish	medium	massive		Overburden?	
10.1	10.3	2a	Greywacke	Siltstone	greyish	black	medium	massive	interbedded	Overburden?	
10.3	11	2a	Greywacke		grey	pinkish	medium	massive		Overburden?	
11	12	2	Siltstone		dark	grey	fine	massive			
12	16.7	1a	Quartz Prophyry		rusty	light	coarse	porphyritic		Nearly all rusty from CO3 + Si	
16.7	26.7	2b	Mudstone		black		very fine	massive			
26.7	31.5	2	Siltstone		grey	dark	fine	massive			
31.5	34.3	1b	Hornblende Gran	Porphyry	grey green	light	medium-coarse	porphyritic	massive	Hb all chloritised	
34.3	42.4	2b	Mudstone		black	dark	very fine	massive			
42.4	49.7	1b	Hornblende Gran	Porphyry	salmon		medium-coarse	porphyritic		Numerous shears + strong alt (Si + Fe)	
49.7	53.6	2b	Mudstone	Siltstone	black	grey	fine	massive	interbedded		
53.6	56.3	1b	Hornblende Gran	Porphyry	reddish	salmon	medium-coarse	porphyritic			
56.3	57.1	2	Siltstone	Greywacke	dark	grey	fine-medium	interbedded	massive		
57.1	58.5	2a	Greywacke		grey		medium	massive			
58.5	74.4	2b	Mudstone		black		very fine	massive	laminated		
74.4	78.3	2	Siltstone		grey	dark	fine	massive	laminated		
78.3	82.3	2a	Greywacke		grey		medium	massive			
82.3	84.2	2	Siltstone		grey		fine-medium	massive	laminated		
84.2	84.6	2a	Greywacke	Hornblende Gran	grey	light	medium-coarse	massive		Very mixed.... no good core sections. All broken & subrounded fragments of the rock types above.	
84.6	87.8	2b	Mudstone		black		very fine	massive	laminated		
87.8	89.5	2	Siltstone		grey	light	fine	laminated			
89.5	94.3	2b	Mudstone		black	dark	very fine	laminated			
94.3	95.5	2	Siltstone		grey	light	fine	laminated			
95.5	96.1	2b	Mudstone		black	dark	very fine	laminated			
96.1	99.3	2	Siltstone	Mudstone	grey	black	fine	interbedded	laminated	Diagenetic Py near contact	
99.3	101.8	2b	Mudstone		black		very fine	laminated			
101.8	103.7	2	Siltstone		grey	light	fine	laminated	massive		
103.7	106.4	2b	Mudstone	NEW ROCKTYP	black	grey	fine-medium	laminated		Looks mixed - mainly mudstone + Hb granodiorite + greywacke. Very poor core	?contamination??

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04003	68.6	220	-80	507191	6066718	959	COMPLETE	29/09/2004	Chris Gallagher

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	13	2a	Greywacke		grey	light	medium	massive		
13	21.4	1a	Quartz Prophyry		rusty	orange	coarse	porphyritic		
21.4	28.3	2b	Mudstone		black		very fine	massive	laminated	
28.3	30.5	2a	Greywacke		grey		fine-medium	massive		
30.5	34.9	2b	Mudstone		black		very fine	massive	laminated	
34.9	38.9	1a	Quartz Prophyry		grey	light	medium-coarse	porphyritic		
38.9	42.7	2b	Mudstone		black		very fine	massive	laminated	
42.7	43.1	2	Siltstone		greenish	beige	medium	massive		Very broken/rounded core - ?downhole contamination?
43.1	48.5	2b	Mudstone		black		very fine	laminated	massive	
48.5	49.8	1b	Hornblende Gran	Porphyry	light	rusty	medium-coarse	porphyritic		
49.8	51	2b	Mudstone		black		very fine	massive		
51	52.5	1b	Hornblende Gran	Porphyry	rusty	orangish	medium-coarse	porphyritic		
52.5	52.8	2b	Mudstone		black		very fine	massive		
52.8	57.6	1b	Hornblende Gran	Porphyry	grey green	orangish	medium-coarse	porphyritic		
57.6	68.6	2a	Greywacke		grey		medium	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	1.5		Casing					SELECT		Casing
1.5	4	2b	Mudstone		black		very fine	massive		
4	4.6	2	Siltstone		grey	light	fine	massive		
4.6	4.8	2b	Mudstone	Siltstone	black	grey	fine	sheared		
4.8	7	2	Sandstone		grey	light	fine	massive		
7	15.6	2b	Mudstone		black		very fine	massive		
15.6	34.8	1a	Andesite		grey	dark	fine	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
34.8	40.9	1a	Andesite		grey	light	fine-medium	sheared	brecciated	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled), slightly silicified, and very sheared & brecciated locally
40.9	44.9	1a	Andesite		black	dark	very fine	massive		Andersitic intrusive - fine grained
44.9	47.9		Vein Material	Mudstone	milky	black	fine-medium	sheared	brecciated	?Mudstone? host rock?
45.4	48.5		Vein Material							
47.9	48.3	2b	Mudstone		black		very fine	massive	brecciated	
48.3	53.3	1a	Andesite		grey green	dark	fine	massive		Andersitic intrusive - fine grained
53.3	53.7		Vein Material		milky	black	fine-medium	sheared	brecciated	Non mineralised, sheared & brecciated qtz vein
53.7	71.7	1a	Andesite		grey green	dark	fine	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
71.7	72.2		Vein Material		milky		fine-medium	massive	brecciated	Mineralized bcc'd qtz vein
72.2	72.7	1a	Andesite	Vein Material	black	milky	fine-medium	massive	brecciated	
72.7	73.5		Vein Material		milky		fine-medium	massive	brecciated	
73.5	74.7	1a	Andesite		grey	dark	fine	massive		Andersitic intrusive - fine grained
74.7	75.3	1a	Andesite	Vein Material	grey	milky	fine-medium	massive	sheared	Andersitic intrusive - fine grained, with contact + 1/3 core mineralised qtz vein
75.3	76.6	1a	Andesite		grey	dark	fine	massive		Andersitic intrusive - fine grained --- Looks like greywacke.....
76.6	77.5		Vein Material	NEW ROCKTYP	milky	black	medium	sheared	cuts rock 2	Mineralised qtz vein with contact + 1/3 core andersitic intrusive - fine grained
77.5	79	1a	Andesite		grey	dark	fine	massive		Andersitic intrusive - fine grained
79	79.4	2a	Greywacke		grey green		fine-medium	massive	flame structure	"Flame structure" = irregular contact @ 79.0m
79.4	79.9		Vein Material	Greywacke	milky	grey	fine-medium	sheared	brecciated	Brecciated, mineralised qtz vein cutting across core at low angle (greywacke host)
79.9	81.4	2a	Greywacke	Siltstone	greyish	grey	fine-medium	brecciated	interbedded	Large clasts (2-10cm) of siltstone in fine/medium matrix of greywacke. Mineralised on thin, low-angle shears.
81.4	82.4	2a	Greywacke	Mudstone	green	black	fine-medium	sheared	brecciated	Looks like sheared contact between bccd gwke & slightly laminated mstone. Contact slightly irregular and parallel to drill angle. Min alon
82.4	86	2b	Mudstone		black	grey green	fine	massive		
86	86.8	2a	Greywacke	Mudstone	green	black	fine-medium	brecciated	interbedded	Looks like sheared contact between bccd gwke & slightly laminated mstone. Contact slightly irregular and parallel to drill angle. Min alon
86.8	88.7	2b	Mudstone		black	dark	fine	massive	laminated	
88.7	89.9	2	Siltstone		grey	dark	fine	massive	brecciated	
89.9	91.7	2b	Mudstone		black	dark	fine	massive	brecciated	
91.7	94.7	1a	Andesite		grey		medium	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled). Top contact = brecciated and silicified, with 0.5 to 2cm clasts of mudstone. Lower contact = irregular 'flame-like' with <1cm chilled margin in this unit.
94.7	98.4	1a	Andesite		grey	grey green	fine	massive		Andersitic intrusive - fine grained
98.4	100.9	1a	Andesite		grey		fine-medium	amygdaloidal	massive	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
100.9	101.8	1a	Andesite		grey		fine-medium	massive		Andersitic intrusive - fine grained
101.8	102.3		Vein Material		milky	black	medium	sheared	brecciated	Highly mineralised
102.3	102.6	2	Siltstone	Vein Material	grey green	milky	fine-medium	sheared	brecciated	
102.6	103.5		Vein Material		milky		medium-coarse	sheared	brecciated	Highly mineralised
103.5	104.8		Vein Material	Siltstone	milky	grey green	medium	sheared	brecciated	Highly mineralised
104.8	105.7	2	Siltstone	NEW ROCKTYP	grey green	black	fine	massive		Sheared siltstone/greywacke with two small fine grained andersitic intrusions (with thin chilled margins) @ 105.1 & 105.6
105.7	105.9		Vein Material	Vein Material	black	green	fine-medium	massive		Sheared and comb-like 2cm mineralised qtz vein in v fine grained andersitic intrusive
105.9	106.7	1b	Intermediate Intru		green	light	fine	massive	brecciated	Slightly silicified intrusive
106.7	107.3	1a	Andesite		grey	dark	fine	massive		Andersitic intrusive - fine grained

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04002	66.5	40	-80	499787	6070273	835	COMPLETE	17/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	6.5	1a	Andesite		grey	dark	fine	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
6.5	10.7	2b	Mudstone		black		very fine	sheared	massive	Could be andersitic intrusive....
10.7	13.6	1a	Andesite		grey	light	fine	massive		Andersitic intrusive - fine grained & light in colour.
13.6	16.1	2	Siltstone		black	grey	fine	sheared		Very sheared (++ flt gouge)
16.1	20.4	2	Siltstone		grey		fine-medium	massive		
20.4	20.6	2b	Mudstone		black		fine	sheared		Very sheared
20.6	23.8	2	Siltstone		grey	dark	fine	massive		
23.8	28	2b	Mudstone		black		very fine	laminated	massive	
28	42.1	2	Siltstone		green	dark	fine	massive	laminated	
42.1	45.7	1a	Andesite		grey	dark	fine	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
45.7	50.3	2b	Mudstone		black		very fine	massive		
50.3	54.2	1a	Andesite		grey	dark	fine-medium	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
54.2	57.6	2	Siltstone		grey	dark	very fine	massive	laminated	
57.6	58.2	1b	Hornblende Gran		salt and pepper	dark	medium-coarse	massive		Equigranular intermediate intrusive.
58.2	60.6	1a	Andesite		grey	dark	fine	massive		Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
60.6	62	2b	Mudstone		black	dark	very fine	massive	laminated	
62	64.8	1a	Andesite		grey	dark	fine	massive	amygdaloidal	Andersitic intrusive - fine grained, amigdaloidal in places (CO3 filled)
64.8	65	1b	Hornblende Gran		salt and pepper	dark	medium-coarse	massive		
65	66.5	2	Siltstone		grey	dark	fine-medium	massive		

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	4.5	2b	Mudstone	Vein Material	black	milky	fine	massive		Very rubbly - good core starts @ 4.5m
4.5	10	2a	Greywacke		grey	light	fine-medium	massive		
10	11.8	2b	Mudstone	Siltstone	black	grey	fine	massive	sheared	>80% mudstone
11.8	12	1a	Flesic Intrusive		grey	light	fine-medium	massive	amygdaloidal	Felsic intrusive - fine grained + amigdales
12	25.6	2b	Mudstone	Siltstone	black	grey	fine	massive	laminated	
25.6	26	1a	Flesic Intrusive		grey	light	fine-medium	massive	amygdaloidal	Felsic intrusive - fine grained +/-amigdales
26	26.6	2	Siltstone		grey	dark	fine	massive	laminated	
26.6	27.2	1a	Flesic Intrusive		grey	light	fine-medium	massive	amygdaloidal	Felsic intrusive - fine grained +/- amigdales
27.2	31.5	2	Siltstone		grey	dark	fine	massive	laminated	
31.5	32.3	1b	Quartz Diorite		grey	light	medium-coarse	massive		Silicified
32.3	32.4	2b	Mudstone		black	dark	very fine	massive		
32.4	37.1	1b	Quartz Diorite		salt and pepper	dark	medium-coarse	massive		
37.1	39.2		Skarn		grey	dark	fine	massive	laminated	
39.2	39.7	1a	Andesite		grey		fine-medium	massive		Andersitic intrusive - fine grained
39.7	40.5	2b	Mudstone		black	dark	very fine	massive		
40.5	41.3	1b	Quartz Diorite		salt and pepper	grey	medium	massive		Slightly finer grained than higher in the hole.
41.3	45.3	2	Siltstone		grey	dark	fine	massive	laminated	
45.3	46.1	2	Siltstone		grey	light	fine	laminated	massive	Contains veins + CO3 bleached
46.1	66.2	2	Siltstone		grey	dark	fine	laminated	massive	
66.2	68.9	2b	Mudstone	Siltstone	black	grey	very fine	massive	interbedded	
68.9	73.6	2	Siltstone		grey		fine	laminated	massive	
73.6	76.5	1a	Flesic Intrusive		grey	light	fine-medium	massive	none	Felsic intrusive - fine grained +/- ?amigdales?
76.5	81.9	2	Siltstone		grey	dark	fine	massive	laminated	
79.9	81.8	2a	Greywacke		light	grey	fine	fractured	massive	
81.8	91.5	2a	Greywacke		grey green		fine	fractured	massive	
81.9	84.4	2b	Mudstone	Siltstone	black	grey	fine	massive	sheared	
84.4	91.9	2	Siltstone		grey	light	fine	massive	laminated	
91.9	95.1	2b	Quartz Monzonite		grey green	light	medium	massive	fractured	Pevasive CO3 alt = weak bleaching
95.1	102.7	2	Siltstone		grey	light	fine	massive	fractured	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	2.4	2a	Greywacke	Mudstone	grey	black	medium	massive		Rubble
2.4	3		Vein Material		milky		medium	massive		Rubble
3	6.4	2b	Mudstone		black		very fine	massive		Rubble
6.4	13.4	2b	Mudstone	Siltstone	black	grey	very fine	laminated	interbedded	
13.4	16.2	2a	Greywacke	Siltstone	grey	light	fine-medium	laminated	interbedded	
16.2	18.7	2	Siltstone	Mudstone	grey	dark	fine	laminated	interbedded	
18.7	26.1	2a	Greywacke		grey		fine-medium	massive		VERY uniform ~ almost looks igneous.....
26.1	29.3	2	Siltstone	Mudstone	grey	black	fine-medium	laminated	interbedded	
29.3	29.7	2b	Mudstone		black		very fine	laminated		
29.7	35.1	2	Siltstone	Greywacke	grey	light	fine-medium	massive	interbedded	
35.1	37.1	2	Siltstone	Mudstone	grey	black	fine	interbedded	cross laminated	
37.1	43	2	Siltstone		grey	dark	fine	massive	cross laminated	
43	44.6	2b	Mudstone		grey	dark	very fine	massive		
44.6	44.7	1b	Intermediate Intru		grey	dark	medium	massive	amygdaloidal	Medium grained intermediate intrusive with Si filled amigdales
44.7	50.3	2	Siltstone		grey		fine	massive	cross laminated	
50.3	54.6	2b	Mudstone		grey	dark	very fine	laminated	cross laminated	
54.6	56.6	2	Siltstone		grey		fine	laminated	graded (normal)	
56.6	58	2	Siltstone		grey	light	fine	graded (normal)		
58	59.3	2	Siltstone	Mudstone	grey	black	fine	graded (normal)		
59.3	61	2	Siltstone		grey		fine	laminated		
61	62.6	2b	Mudstone		grey	dark	very fine	laminated		
62.6	65.9	2	Siltstone	Mudstone	grey	black	fine	graded (normal)	laminated	
65.9	66.5	2b	Mudstone	Vein Material	black	white	fine-medium	sheared	brecciated	
66.5	69.7	2a	Greywacke		grey green	light	fine-medium	massive		++ veining (drusy qtz) & local shearing
69.7	70.1		Vein Material	Mudstone	milky	black	fine	sheared	brecciated	
70.1	72.9	2a	Greywacke		grey green	grey	fine	massive		
72.9	73.8	2b	Mudstone		black		very fine	massive		
73.8	74.6	2b	Mudstone	Vein Material	black	milky	fine-medium	sheared	brecciated	
74.6	76.1	2b	Mudstone		black	grey	very fine	massive		
76.1	87.6	2	Siltstone	Mudstone	grey	dark	fine	massive	cross laminated	
87.6	87.7		Vein Material		milky		fine-medium	sheared	massive	
87.7	92.1	2	Siltstone		grey		fine	massive	laminated	
92.1	103.1	2	Siltstone	Mudstone	grey	dark	fine	massive	laminated	
103.1	103.2		Vein Material		milky	green	medium	sheared	massive	
103.2	112.5	2	Siltstone		grey	light	fine	massive	cross laminated	
112.5	117.5	2a	Greywacke		grey		medium	massive		VERY uniform ~ almost looks igneous....
117.5	118.2	2	Siltstone		grey		fine	massive		Brecciated rip-up clasts @ lower contact with mudstone
118.2	121.1	2b	Mudstone		grey	dark	very fine	massive	cross laminated	
121.1	123.1	1b	Intermediate Intru		grey		medium	massive	amygdaloidal	Medium grained intermediate intrusive with Si filled amigdales
123.1	126.5	2b	Mudstone	Siltstone	grey	dark	fine	interbedded	cross laminated	
126.5	129.9	2b	Mudstone	Siltstone	grey		fine-medium	sheared	brecciated	

Appendix 3.4.2 - Lithology Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04005	7.9	233	-53	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0.3	0.9	2a	Greywacke		grey	orangish	fine-medium	massive	fractured	
0.9	1.8		Vein Material					SELECT		
1.8	3.5	2a	Greywacke		grey		medium	massive	fractured	
3.5	4	2b	Mudstone		black		fine	sheared		
4	4.6	2a	Greywacke		grey		fine-medium	massive		
4.6	5.4	2a	Greywacke		grey		medium	massive		
5.4	7.9	2a	Greywacke		light	grey	fine	massive	fractured	

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
43	45.6	VEINLETS	quartz	40	pyrite	20			More intense @ 43.2 to 44.2
49.3	49.7	DISSEMINATED	pyrite	2					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
27.7	28.5	DISSEMINATED	quartz	10					
28.5	29.5	VEINLETS	quartz	10	pyrite	1			
29.5	29.8	SEMIMASSIVE	pyrite	30	quartz	40	pyrrhotite	10	Target vein
40.3	41	DISSEMINATED	quartz	20					Pervassive Fe + Si alteration & oxidation
43	56.4	DISSEMINATED	pyrite	1	chalcopyrite	2			Probably diagenetic - 0.5mm sulphide blebs throughout.
60.3	77	DISSEMINATED	pyrite	1	chalcopyrite	1			Just trace amounts of sulphides
87.8	87.9	VEINLETS	pyrite	5					
108.8	109	VEINLETS	pyrite	2	quartz	40			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
75	75.3	DISSEMINATED	pyrite	2					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
35.4	35.6	BLEBBY	moly	2					Dendritic blebs in milky qtz vein
35.6	51.1	DISSEMINATED	pyrite	1					Weak min. possibly diagenetic
51.9	60.1	DISSEMINATED	pyrite	1					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
23.5	23.5	BLEBBY	pyrite	1					
25.9	25.9	BLEBBY	pyrite	2					
27.9	28.1	BLEBBY	pyrite	1					
33.8	34.2	BLEBBY	pyrite	1					
58	59	SEMIMASSIVE	pyrite	10	arsenopyrite	5			#2 vein
63.4	63.5	BLEBBY	pyrite	5					
75.1	75.4	BLEBBY	pyrite	5					
75.9	75.9	VEINLETS	pyrite	2					
102.9	103.1	VEINLETS	pyrite	2					
107.9	108	DISSEMINATED	pyrite	2					
113.3	113.5	BLEBBY	pyrite	3					
118.1	118.4	BLEBBY	pyrite	2					
119.1	119.4	DISSEMINATED	pyrite	2					
123	124.2	DISSEMINATED	pyrite	1					
124.2	128.1	SEMIMASSIVE	pyrite	5	arsenopyrite	1			Shear brecciated deformation zone
129.3	130	VEINLETS	pyrite	3	arsenopyrite	1			Shear brecciated deformation zone
132.3	132.7	DISSEMINATED	pyrite	3					
135.4	135.8	SEMIMASSIVE	pyrite	5					
135.8	139.2	DISSEMINATED	pyrite	1					
145	145.4	DISSEMINATED	pyrite	2					
145.4	149	DISSEMINATED	pyrite	1					
149	149.2	VEINLETS	pyrite	5					
149.2	154.1	DISSEMINATED	pyrite	1					
154.1	154.9	BLEBBY	pyrite	3					
154.9	156.6	DISSEMINATED	pyrite	1					
156.6	157.6	BLEBBY	pyrite	3					
157.6	158.5	DISSEMINATED	pyrite	1					
158.5	158.8	BLEBBY	pyrite	3					
158.8	160	DISSEMINATED	pyrite	1					
173.4	174.5	VEINLETS	pyrite	5					
182.5	183	VEINLETS	pyrite	3					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
183	184.2	DISSEMINATED	pyrite	1					
188.6	190.6	BLEBBY	pyrite	2					
196	196.1	SEMIMASSIVE	pyrite	2	arsenopyrite	1			
198.9	199.5	VEINLETS	pyrite	3					
209.9	210.5	SEMIMASSIVE	pyrite	5					
211.5	212.4	VEINLETS	pyrite	5					
223.5	223.5	VEINLETS	pyrite	3					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
57.2	57.6	DISSEMINATED	pyrite	1					
59.4	60.3	DISSEMINATED	pyrite	1					
62.4	62.4	VEINLETS	pyrite	5					
69	69.3	MASSIVE	pyrite	15	arsenopyrite	20	chalcopyrite	5	
69.3	69.6	DISSEMINATED	pyrite	10	arsenopyrite	5	chalcopyrite	1	
69.6	70	DISSEMINATED	pyrite	10	arsenopyrite	5	chalcopyrite	1	
70	71	DISSEMINATED	pyrite	1					
81.1	81.1	VEINLETS	pyrite	5					
86.2	87.1	DISSEMINATED	pyrite	1					
87.1	87.1	VEINLETS	pyrite	5	arsenopyrite	1			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
30.1	30.3	DISSEMINATED	pyrite	5					
44	44.8	DISSEMINATED	pyrite	1					
71	71.4	DISSEMINATED	arsenopyrite	2	pyrite	1			
76.5	77	BLEBBY	moly	5					May be Galena or Aspy
81.1	81.2	DISSEMINATED	pyrite	5	arsenopyrite	2			
81.6	81.8	DISSEMINATED	pyrite	5					
82.1	82.8	DISSEMINATED	pyrite	2					
83	83.1	DISSEMINATED	pyrite	5					
83.1	83.6	VEINLETS	pyrite	3					
86.7	86.8	DISSEMINATED	pyrite	2					
87.6	88	VEINLETS	pyrite	5	arsenopyrite	1			
96.4	99.5	DISSEMINATED	pyrite	3	arsenopyrite	1			
99.5	100.3	DISSEMINATED	pyrite	5	arsenopyrite	3			
100.3	103.6	VEINLETS	pyrite	3	arsenopyrite	1			
112.8	115.9	VEINLETS	pyrite	5	arsenopyrite	1			
115.9	116.1	VEINLETS	arsenopyrite	1	pyrite	1			
126.9	127	VEINLETS	pyrite	18	arsenopyrite	5			
131.7	132.3	VEINLETS	pyrite	10	arsenopyrite	1			
156.1	156.1	VEINLETS	pyrite	15	chalcopyrite	5			
158.8	158.8	VEINLETS	pyrite	5					
159	159.1	DISSEMINATED	pyrite	5	chalcopyrite	1			
159.3	159.6	VEINLETS	pyrite	15	chalcopyrite	5	pyrrhotite	1	
180.8	181	VEINLETS	pyrite	5					
195.5	196	DISSEMINATED	pyrite	2	chalcopyrite	1			
212.5	212.6	VEINLETS	pyrite	2					
212.8	213.1	VEINLETS	pyrite	2	sphalerite	1			
237.5	237.5	DISSEMINATED	pyrite	10	chalcopyrite	2			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
20.3	20.4	SEMIMASSIVE	pyrite	5					
34.3	34.3	VEINLETS	pyrite	2					
40.7	40.7	VEINLETS	pyrite	3					
50.1	50.1	VEINLETS	pyrite	1					
55.3	55.3	VEINLETS	pyrite	1					
66.6	66.8	VEINLETS	pyrite	1					
73.6	73.7	VEINLETS	pyrite	2					
74.6	74.7	SEMIMASSIVE	pyrite	3					
74.7	75	DISSEMINATED	pyrite	5					
75	75.1	SEMIMASSIVE	pyrite	10	chalcopyrite	2	sphalerite	1	
75.1	75.4	DISSEMINATED	pyrite	5					
78.9	78.9	DISSEMINATED	pyrite	5					
83.9	83.9	VEINLETS	pyrite	3					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
19.6	19.9	VEINLETS	pyrite	2					Mostly oxidised
21.2	21.3	VEINLETS	pyrite	1					Mostly oxidised
21.5	21.7	VEINLETS	pyrite	1					Mostly oxidised
22.9	23.1	VEINLETS	pyrite	3					
28.6	28.6	VEINLETS	pyrite	1					
29.5	29.5	VEINLETS	pyrite	1					
29.7	29.7	VEINLETS	pyrite	1					
33.5	33.5	VEINLETS	pyrite	1					
37.4	37.4	VEINLETS	pyrite	1					
38.6	38.6	VEINLETS	pyrite	2					
58	58.4	DISSEMINATED	pyrite	1					
58.4	58.4	VEINLETS	pyrite	3					
58.4	58.8	DISSEMINATED	pyrite	1					
59.6	60	DISSEMINATED	pyrite	1					
60	60.1	VEINLETS	pyrite	3					
60.1	60.6	DISSEMINATED	pyrite	1					
60.6	60.8	VEINLETS	pyrite	3					
60.8	81.7	DISSEMINATED	pyrite	1					
81.7	82.9	DISSEMINATED	pyrite	2					
82.9	95	DISSEMINATED	pyrite	1					
95	95.1	VEINLETS	pyrite	10					
95.1	100	DISSEMINATED	pyrite	1					
100	102.2	DISSEMINATED	pyrite	2					
106.1	106.5	DISSEMINATED	pyrite	3					
110.5	110.5	VEINLETS	pyrite	2					
111.4	111.4	VEINLETS	pyrite	5					
113.2	113.2	VEINLETS	pyrite	5	chalcopyrite	2			
114.1	114.1	DISSEMINATED	pyrite	3	chalcopyrite	1			
114.1	115.8	DISSEMINATED	pyrite	2					
115.9	115.9	DISSEMINATED	pyrite	5	chalcopyrite	1			
115.9	118.1	DISSEMINATED	pyrite	1					

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
121.5	121.9	DISSEMINATED	pyrite	5	chalcopyrite	1			
121.9	122.4	DISSEMINATED	pyrite	1					
122.4	122.7	VEINLETS	pyrite	10	chalcopyrite	3			
132	132.1	VEINLETS	pyrite	5	chalcopyrite	1			
132.3	132.3	VEINLETS	pyrite	5	chalcopyrite	1			
132.7	132.7	VEINLETS	pyrite	5	chalcopyrite	1			
133.5	133.5	VEINLETS	pyrite	3					
133.8	133.8	VEINLETS	pyrite	5	chalcopyrite	1			
133.8	138.3	DISSEMINATED	pyrite	2					
138.3	139	VEINLETS	pyrite	10	chalcopyrite	3			
142.1	142.6	DISSEMINATED	pyrite	1					
145.4	145.9	DISSEMINATED	pyrite	5	chalcopyrite	2			
146	146	VEINLETS	pyrite	5	chalcopyrite	1			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
38.4	39.6	DISSEMINATED	pyrite	20	arsenopyrite	5			No sulfides present now - all weathered leaving vugs

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
7.1	7.7	DISSEMINATED	pyrite	2					
31.9	32.2	DISSEMINATED	pyrite	1					
36.3	38.3	DISSEMINATED	pyrite	2					
42	42.4	DISSEMINATED	pyrite	2					
42.4	43	DISSEMINATED	pyrite	5					
45.4	47	SEMIMASSIVE	pyrite	10	chalcopyrite	5	sphalerite	2	
47	47.9	DISSEMINATED	pyrite	5	chalcopyrite	2			
47.9	49.4	DISSEMINATED	pyrite	1					
52.1	53.5	DISSEMINATED	pyrite	1					
71.4	71.4	VEINLETS	pyrite	5	chalcopyrite	1	sphalerite	1	
71.7	72.2	SEMIMASSIVE	pyrite	10	chalcopyrite	5	sphalerite	1	
72.4	72.6	VEINLETS	pyrite	5	chalcopyrite	2	sphalerite	1	
72.7	73.5	VEINLETS	pyrite	10	chalcopyrite	8	sphalerite	1	
74.7	75.3	VEINLETS	pyrite	5	chalcopyrite	5	sphalerite	1	
76.6	77.5	VEINLETS	pyrite	5	chalcopyrite	3			
79.4	79.9	VEINLETS	pyrite	3	chalcopyrite	3			
81.4	82.4	DISSEMINATED	pyrite	5	chalcopyrite	2			Min along fine shears of bcc shear vein.
84.5	86	DISSEMINATED	pyrite	2	chalcopyrite	2			
86	86.9	DISSEMINATED	pyrite	5	chalcopyrite	2			
87.8	87.8	VEINLETS	pyrite	2	chalcopyrite	1			
91.6	92	VEINLETS	pyrite	2	chalcopyrite	1			
101.8	102.3	VEINLETS	pyrite	15	chalcopyrite	10	sphalerite	3	
102.3	102.6	VEINLETS	pyrite	10	chalcopyrite	5	sphalerite	1	
102.6	103.5	VEINLETS	pyrite	12	chalcopyrite	10	sphalerite	3	
103.5	104.8	VEINLETS	pyrite	8	chalcopyrite	5	sphalerite	1	
104.8	105.9	VEINLETS	pyrite	3	chalcopyrite	1			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
4.5	4.5	VEINLETS	pyrite	2	chalcopyrite	1			
66.8	66.8	VEINLETS	pyrite	1	chalcopyrite	1			
80.9	80.9	VEINLETS	pyrite	1	chalcopyrite	1			

Appendix 3.4.3 - Mineralization

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
2.4	3	DISSEMINATED	pyrite	3	chalcopyrite	1	sphalerite	1	
29.8	29.8	VEINLETS	pyrite	2					
66.2	66.5	DISSEMINATED	pyrite	10	sphalerite	5	chalcopyrite	5	
73.9	74.5	DISSEMINATED	pyrite	10	chalcopyrite	2	sphalerite	1	
87.6	87.7	VEINLETS	pyrite	5	sphalerite	2	chalcopyrite	1	
95.7	95.8	VEINLETS	pyrite	2	none				
126.3	127.1	DISSEMINATED	pyrite	1					
127.1	128.4	DISSEMINATED	pyrite	3	chalcopyrite	1			
128.4	129.9	DISSEMINATED	pyrite	1	chalcopyrite	1			

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
4.3	4.3	Transitional	45							NONE						2	1	1	1	
7.2	7.2	Brittle	30	quartz	30	none				SILICIFICATION	1									
10.9	10.9	Transitional	30													3				
11.7	11.7	Transitional	25													3				
16	16	Ductile	40													4	1	1	1	
18	18	Transitional	30													3	1	1	1	
19.1	19.5	Brittle	45							SILICIFICATION	1									Bccn zone
22.8	22.8	Transitional	90													3	1	1	1	
30.3	30.3	Ductile	25														1	1	1	
31.1	31.2	Transitional	30							SILICIFICATION	1									
34.8	34.8	Brittle	50	quartz	25					SILICIFICATION	1									
37.5	37.5	Ductile	50													2	1	1	1	
38	38.8	Brittle	45	quartz	40					SILICIFICATION	2	CARBONATE	1							+ biotite
42.6	42.6	Transitional	80													3	1	1	1	
53.4	53.4	Transitional	60	quartz	30					SILICIFICATION	1	CARBONATE	1			1				
53.7	53.7	Transitional	85	quartz	≡+(											1				
61.2	61.2	Transitional	45	quartz	80											2				
74.5	74.5	Transitional	90	quartz	20											1				
75.5	75.8	Brittle	25	quartz	90					SILICIFICATION	2	CHLORITE	1	PYRITE	1					
75.6	75.8	Brittle	15	quartz	70					SILICIFICATION	1	CARBONATE	1							
76.6	76.9	Transitional	60	quartz	60											2				
84.8	85	Transitional														3	1	1	1	
88.5	88.7	Ductile	70													1	1	1	1	
90.2	90.2	Brittle	55	quartz	76	pyrite	2			SILICIFICATION	2	CARBONATE	2	PYRITE	1					
93.4	93.5	Brittle	82	quartz	40					SILICIFICATION	1	CARBONATE	1	CHLORITE	1					
99.6	99.6	Transitional	60																	
100.1	100.1	Transitional	55																	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
7.6	7.6	Ductile	15													1				
13.6	13.6	Ductile	30																	
25.5	25.2	Transitional	70													1	1	1	1	
29.5	29.5	Transitional	80	quartz	40	pyrite	30	pyrrhotite	10	PYRITE	3									
35.9	35.9	Transitional	70	quartz	10												1	1	1	
38.7	38.7	Brittle	70	quartz	10	pyrite	15			PYRITE	2									
40.3	40.2	Ductile	25																	
44.6	44.3	Ductile		quartz	10												2	2	2	
53	53	Transitional	25														1	1	1	
53.5	53.1	Transitional	20							SILICIFICATION	1	FE STAINING	1							
54.6	54.1	Ductile	10							FE STAINING	1									
59	59	Ductile	40	quartz	20											2	2	2	2	
60.1	60.1	Ductile	85													2	1	1	1	
76.5	76.5	Transitional	45	quartz	10											3	1	1	1	
80.3	80.4	Ductile	75														2	2	2	
83.7	84	Transitional	35													1	1	1	1	
94	94	Transitional	30														1	1	1	
107.9	108	Transitional	55							SERICITE	1	PYRITE	1				1	1	1	
108.8	109	Transitional	50	pyrrhotite	7											1	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
7.6	7.6	Ductile	15													1				
13.6	13.6	Ductile	30																	
25.5	25.2	Transitional	70													1	1	1	1	
29.5	29.5	Transitional	80	quartz	40	pyrite	30	pyrrhotite	10	PYRITE	3									
35.9	35.9	Transitional	70	quartz	10												1	1	1	
38.7	38.7	Brittle	70	quartz	10	pyrite	15			PYRITE	2									
40.3	40.2	Ductile	25																	
44.6	44.3	Ductile		quartz	10												2	2	2	
53	53	Transitional	25														1	1	1	
53.5	53.1	Transitional	20							SILICIFICATION	1	FE STAINING	1							
54.6	54.1	Ductile	10							FE STAINING	1									
59	59	Ductile	40	quartz	20											2	2	2	2	
60.1	60.1	Ductile	85													2	1	1	1	
76.5	76.5	Transitional	45	quartz	10											3	1	1	1	
80.3	80.4	Ductile	75														2	2	2	
83.7	84	Transitional	35													1	1	1	1	
94	94	Transitional	30														1	1	1	
107.9	108	Transitional	55							SERICITE	1	PYRITE	1				1	1	1	
108.8	109	Transitional	50	pyrrhotite	7											1	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
12.9	12.9	Ductile	80													1				
13.6	13.7	Ductile	80													2	1	1	1	
16.2	16.3	Ductile	60														1	1	1	
20.1	20.1	Ductile	50																	
31.6	31.5	Ductile	35																	
36.1	36.1	Ductile	70														1	1	1	
36.7	36.7	Ductile	30														1	1	1	
37.8	37.8	Transitional	25	quartz	20															
43.7	43.8	Transitional	30														1	1	1	
46.1	46.1	Brittle	80																	
48.3	48.3	Brittle	75																	
48.7	48.8	Brittle	75																	
49.1	49.1	Transitional	75																	
50.1	50.1	Transitional	60													1				
54.6	54.8	Ductile	45	quartz	10	pyrite	5									1	1	1	1	
55.7	55.8	Ductile	30	quartz	5	pyrite	2										1	1	1	
62.6	62.7	Transitional	80																	
65.2	65.3	Transitional	70	pyrite	5					CHLORITE	2					1				
67.1	67.3	Transitional	80	pyrite	5												1	1	1	
70.1	70.1	Transitional	40	pyrite	1					CHLORITE	1									
74.4	75	Transitional	40	pyrite	2					CHLORITE	1						1	1	1	
75.3	75.3	Ductile	40	pyrite	1															
77.7	77.7	Ductile	50	pyrite	5															

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
5.1	5.1	Ductile	20														1	1	1	
12.8	12.9	Ductile	15																	
14.8	14.9	Ductile	70																	
15.7	15.9	Transitional	10																	
19.6	19.7	Brittle	20																	
21.6	21.6	Transitional	45													1				
34	34	Transitional	55	quartz	20															
34.4	34.4	Transitional	40													1				
36.4	36.4	Transitional	80														1	1	1	
37.1	37.1	Transitional	75																	
37.3	37.3	Ductile	75														1	1	1	
38.3	38.3	Ductile	80														1	1	1	
43.9	439	Ductile	65	quartz	20															
50.3	50.5	Ductile	60													2	2	2	2	
51.3	51.4	Transitional	65													1				
52.7	52.9	Transitional	25																	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
13.5	13.5	Transitional	45													1				
14.5	14.5	Transitional	35													1				
15.1	15.1	Transitional	70													1	1	1	1	
17.8	17.8	Brittle	60																	
18.4	18.4	Transitional	50													1				
21.3	21.3	Brittle	65							SILICIFICATION	1	CARBONATE	2							
24.3	24.3	Transitional	45													1				
31.5	31.6	Transitional	80							SILICIFICATION	1	CARBONATE	1			1	1	1	1	
31.9	32.2	Transitional	70													1				
34.6	34.6	Transitional	40													1				
36	36	Transitional	35																	
37.2	37.2	Brittle	80							SILICIFICATION	1	CARBONATE	1							
39	39	Transitional	85													1				
39.3	39.3	Brittle	80																	
43.3	43.3	Brittle	70																	
43.8	43.8	Transitional	70																	
45.7	45.7	Transitional	70													2	1	1	1	
46.5	46.5	Transitional	70													2	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
18.6	18.5	Brittle	20													1				
25.8	25.8	Transitional	30													2	2	2	2	
27	26.8	Transitional	40													3	2	2	2	
28.2	28.2	Ductile														1	1	1	1	
29	29	Transitional														3	1	1	1	
30.2	30	Transitional	30													2	3	3	3	
32.5	32.5	Transitional	50													2	1	1	1	
33.7	33.6	Transitional	60													4	2	2	2	
37.9	37.8	Transitional	80													3	4	4	4	
40.2	40.1	Transitional	70													3	4	4	4	
46.4	46.3	Transitional														2	4	4	4	
46.6	46.5	Transitional	70													2	4	4	4	
53	52.5	Transitional														4	4	4	4	
54.7	54.6	Transitional	80													2	4	4	4	
55.3	55.3	Transitional	70													2	4	4	4	
55.9	55.9	Transitional	60													2	4	4	4	
67.8	67.8	Transitional	30													3	1	1	1	
83.7	83.7	Transitional	85													3	1	1	1	
84.7	84.7	Transitional	30													4	1	1	1	
92	92	Brittle	80							SILICIFICATION	1	CARBONATE	1	CHLORITE	1					

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
46.6	46.6	Ductile	80							CHLORITE	3	SILICIFICATION	1							
75.2	75.4	Transitional	85	pyrite	3											1				
107.9	108.1	Transitional	70	pyrite	2											2				
112.3	112.3	Transitional	75	pyrite	1											2				
119.1	119.3	Transitional	80	pyrite	2											2	1	1	1	
124.4	126.7	Transitional	30	pyrite	3											1	1	1	1	Shear brecciated deformation zone
127	128.1	Transitional	60	pyrite	1											2	1	1	1	Shear brecciated deformation zone
129.5	129.8	Transitional	80	pyrite	1											1				Shear brecciated deformation zone
132.3	133.2	Transitional	45	pyrite	1											1	1	1	1	
134	134.1	Brittle	50																	
134.9	135.1	Transitional	30													2	1	1	1	
135.3	135.8	Transitional	75	pyrite	4	quartz	80													
135.8	137	Transitional	60	pyrite	1											2	2	2	2	Shear brecciated deformation zone
138.1	138.4	Transitional	80	pyrite	3											2	1	1	1	
140.5	140.8	Transitional	80	pyrite	1											3	1	1	1	
145	145.4	Brittle	45	pyrite	5															
148.8	149.2	Transitional	45	pyrite	5	arsenopyrite	1													
148.9	149	Transitional	70	pyrite	3											2	1	1	1	
149.5	150.6	Transitional	60	pyrite	3											4	1	1	1	
151.8	154.9	Transitional	60	pyrite	5	arsenopyrite	1	chalcopyrite	1							3	1	1	1	
156.6	157.4	Brittle	20	pyrite	5	arsenopyrite	1													
158.3	158.8	Transitional	80	pyrite	3											2				
160	160.5	Brittle	60	pyrite	2															
169.3	169.3	Ductile	90	pyrite	1											4				
170.3	170.3	Transitional	80													3	1	1	1	
173.3	174.3	Ductile	30	pyrite	3	arsenopyrite	1	chalcopyrite	1											
175.4	175.4	Brittle	60	pyrite	2											3	1	1	1	
175.9	175.9	Brittle	70													3	2	2	2	
177.5	177.7	Transitional	75	pyrite	1											4	2	2	2	
182.7	182.8	Transitional	75	pyrite	5	arsenopyrite	2													
185.5	186.1	Brittle	45	pyrite	3											3	1	1	1	
189.4	190.5	Ductile	40	pyrite	3	arsenopyrite	1													
195.5	196.2	Brittle	45	pyrite	3	arsenopyrite	3									2	1	1	1	
198.6	199.8	Brittle	45	pyrite	3	arsenopyrite	1									2				
207.8	208.1	Transitional	60	pyrite	1											2	1	1	1	
209.9	212.4	Brittle	55	pyrite	5	arsenopyrite	1									4	2	2	2	
220.2	220.7	Transitional	80													2				
222	222.4	Brittle	60	pyrite	2	arsenopyrite	2									4	1	1	1	
224.8	224.9	Brittle	30													4	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
28.5	28.5	Brittle	45	pyrite	1															
59.6	59.6	Brittle	80	pyrite	3											2				
62.4	62.4	Brittle	70	pyrite	1	arsenopyrite	1									1	1	1	1	
69	99.3	Transitional	50	pyrite	10	arsenopyrite	20	chalcopyrite	2											
81	81.2	Brittle	80	pyrite	3											2	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
14.4	15	Ductile	25													1				
27	27	Brittle	60													2				
42.3	42.4	Transitional	45													2				
62.2	63.3	Transitional	45	pyrite	5											2	1	1	1	
65.2	65.4	Transitional	40	pyrite	5	arsenopyrite	5									1				
76.7	76.8	Brittle	40	moly	10	arsenopyrite	1	pyrite	1											
81	81.4	Ductile	55	pyrite	10	arsenopyrite	3									2	1	1	1	
82.2	82.7	Ductile	35	pyrite	5											3	1	1	1	
95.3	95.7	Transitional	70													3	1	1	1	
96.4	96.8	Ductile	30	pyrite	1											3	1	1	1	
97.6	98.5	Ductile	30	pyrite	3	arsenopyrite	1									3	1	1	1	Pervasive weak/mod shearing
99.5	100.6	Ductile	48	pyrite	10	arsenopyrite	3	chalcopyrite	1							2	1	1	1	
120.7	122.5	Transitional	45	pyrite	5											3	1	1	1	
129.3	129.3	Transitional	45													2				
135.9	135.9	Ductile	85																	
137.5	137.5	Ductile	30	pyrite	10															
156	156	Ductile	45	pyrite	10	chalcopyrite	2			PYRITE	1									
158.8	158.8	Transitional	45	pyrite	3											2				
159.5	159.6	Transitional	45	pyrite	15	galena	2									1				
183.5	184	Ductile	30							SILICIFICATION	2									
187.2	188.2	Transitional	70							SILICIFICATION	2	CHLORITE	4			2	1	1	1	
191	191	Ductile	80																	
198.7	199	Transitional	30																	
219	219	Ductile	45							CHLORITE	3	EPIDOTE	1							
221.8	221.8	Brittle	40													2				
222.8	222.9	Ductile	35	pyrite	5					CHLORITE	2	SILICIFICATION	3							
224.2	224.2	Brittle	35							EPIDOTE	4	SILICIFICATION	1	KSPAR	1					
243.1	243.1	Ductile	50																	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
50.1	50.1	Brittle	85							SILICIFICATION	3					1				
55.1	55.4	Ductile	80							SILICIFICATION	2	CARBONATE	1				5	5	5	
66.8	66.8	Ductile	80	pyrite	2					SILICIFICATION	3									
67.8	67.8	Transitional	45							SILICIFICATION	3					3	1	1	1	
68	68.1	Transitional	45							SILICIFICATION	2					2				
71	71.1	Brittle	25	none						SILICIFICATION	3					2				

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
60	60.1	Brittle	85	pyrite	5					SILICIFICATION	5	SERICITE	3							
60.6	60.8	Transitional	80	pyrite	1					SILICIFICATION	4	SERICITE	3			3				
61.4	61.5	Brittle	65							SILICIFICATION	4	SERICITE	3			3				
61.8	61.9	Transitional	75	pyrite	2					SILICIFICATION	3	SERICITE	3							
63.3	63.4	Brittle	70							SILICIFICATION	4	SERICITE	3			4				
71	71.4	Transitional	70							SILICIFICATION	5	SERICITE	3			4				
71.8	71.8	Brittle	30							SILICIFICATION	2	SERICITE	2			3				
78.6	79.8	Transitional	80	pyrite	2					SILICIFICATION	4	SERICITE	2			4				
80	80.3	Transitional	85							SILICIFICATION	4	SERICITE	2			4				
80.4	82.9	Transitional	65	pyrite	5					SILICIFICATION	4	SERICITE	3			4				
91.7	92.2	Transitional	65	pyrite	3					SILICIFICATION	4	SERICITE	3			4				
94.3	94.5	Transitional	60	pyrite	1					SILICIFICATION	4	SERICITE	2			4				
94.9	95.7	Transitional	85	pyrite	10					SILICIFICATION	5	SERICITE	4			4				
96.3	97.5	Transitional	60	pyrite	1					SILICIFICATION	4	SERICITE	2			3				
101.5	102.1	Transitional	60	pyrite	3	chalcopyrite	1			SILICIFICATION	4	SERICITE	4			5	2	2	2	
102.4	102.5	Brittle	35							SILICIFICATION	4	SERICITE	4			4	2	2	2	
103.2	103.4	Brittle	45							SILICIFICATION	3	SERICITE	3			4				
106	106	Brittle	70	pyrite	1					SILICIFICATION	4	SERICITE	4			4	2	2	2	
107	107.2	Ductile	10	pyrite	1					SILICIFICATION	4	SERICITE	4	CHLORITE	2	1	1	1	1	
109.6	109.7	Brittle	20	pyrite	1					SILICIFICATION	3	SERICITE	4			4	1	1	1	
112.9	113.6	Transitional	85	pyrite	5	chalcopyrite	1			SILICIFICATION	3	SERICITE	3	CHLORITE	1	1	1	1	1	
115.7	116.1	Transitional	40	pyrite	2	chalcopyrite	1			SILICIFICATION	3	SERICITE	2	CHLORITE	3	2				
116.7	116.7	Brittle	70							SILICIFICATION	3	SERICITE	3	CHLORITE	1	4				
117.7	117.7	Brittle	70							SILICIFICATION	3	SERICITE	3	CHLORITE	1	4				
122.3	122.4	Transitional	45	pyrite	5	chalcopyrite	1			SILICIFICATION	3	SERICITE	2	CHLORITE	2	2	1	1	1	
130	130	Transitional	65							SILICIFICATION	2	SERICITE	1	CHLORITE	2	3				
136.1	136.3	Ductile	10							CHLORITE	4	SILICIFICATION	2	CARBONATE	2					
138.4	139	Ductile	40	pyrite	3	chalcopyrite	1			SILICIFICATION	3	CARBONATE	2	CHLORITE	2					
142.1	142.4	Transitional	70							SILICIFICATION	2	SERICITE	2	CHLORITE	2	4				
142.6	142.6	Ductile	30							SILICIFICATION	4	CHLORITE	2	CHLORITE	1					
145.9	145.9	Transitional	45							CHLORITE	3	CARBONATE	1			1	3	3	3	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
37.6	37.7	Brittle	40							SILICIFICATION	1									
38.4	38.4	Transitional	45	pyrite	5	quartz	10													
39	39.3	Transitional	45	quartz	5	pyrite	4									2	1	1	1	
39.024	39.329	Transitional		none						CARBONATE	3									
45	45	Brittle	50														1	1	1	
45.5	45.5	Ductile	30														1	1	1	
47.4	47.5	Transitional	40													2	1	1	1	
55.7	55.7	Ductile	70													2	5	5	5	
57.8	57.8	Transitional	65													1	2	2	2	
59.2	59.2	Transitional	60													2	1	1	1	
59.8	59.8	Ductile	75													3	3	3	3	
61.3	61.3	Transitional	50													3	2	2	2	
62.4	62.5	Transitional	30													3	1	1	1	
63.2	63.2	Transitional	35													3	1	1	1	
68.7	68.7	Transitional	50													3	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04002	106.4	220	-60	507191	6066718	959	COMPLETE	27/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
13.4	13.4	Transitional	30														2	2	2	
14.8	14.8	Transitional	25													2				
19.1	19.1	Transitional	85																	
21.1	21.1	Brittle	90																	
38.3	38.3	Brittle	85													3	1	1	1	
44.2	44.3	Transitional	80													1	3	3	3	
45.8	46.2	Ductile	90													1	4	4	4	
49.2	49.2	Ductile	50													1	4	4	4	
49.6	49.7	Ductile	90													3	2	2	2	
50.5	50.6	Transitional	70													3	1	1	1	
57.2	57.2	Ductile															4	4	4	
60.1	61.6	Ductile														2	5	5	5	
68.4	68.4	Transitional	85													1	2	2	2	
68.8	68.8	Ductile														2	1	1	1	
69.8	69.8	Transitional	45													3	1	1	1	
73	73	Brittle	70																	
75.9	75.9	Brittle	85													3				
76.8	76.8	Brittle	60													3	1	1	1	
81.2	81.2	Brittle	55													1				
81.7	81.7	Ductile	55													2	2	2	2	
84.1	84.1	Brittle	45														1	1	1	
85	85	Transitional	40													1	1	1	1	
94.4	94.4	Ductile	85							SILICIFICATION	1									
97.3	97.3	Ductile	80													2	1	1	1	
98.1	98.1	Brittle	70													3	1	1	1	
105.6	105.6	Transitional														3				

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04003	68.6	220	-80	507191	6066718	959	COMPLETE	29/09/2004	Chris Gallagher

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
14.3	14.3	Brittle	40																	
26.4	26.4	Transitional	45													3	2	2	2	
36.2	36.2	Transitional	65													1	2	2	2	
40.4	40.5	Ductile	75													1	4	4	4	
49.8	49.8	Transitional	60													3	1	1	1	
57.2	57.2	Transitional	45													2	1	1	1	
58	58	Transitional	45													2	1	1	1	
58.3	58.3	Transitional	80														1	1	1	
58.5	58.5	Transitional	85													2	1	1	1	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
4.6	4.7	Ductile	10	none													1	1	1	
7.1	7.9	Ductile	10	pyrite	5	chalcopyrite	1										1	1	1	
30.1	30.3	Ductile	5														1	1	1	
41.5	42.4	Ductile	5													1	2	2	2	
45.4	48.4	Ductile	5	pyrite	15	chalcopyrite	10	sphalerite	1	SILICIFICATION	5									
49	49	Ductile	5	pyrite	1					SILICIFICATION	1									
53	53.7	Brittle	10	pyrite	2	chalcopyrite	1			SILICIFICATION	3									
71.5	71.5	Ductile	30	pyrite	3	chalcopyrite	1			SILICIFICATION			5							
71.7	72.2	Brittle	60	pyrite	10	chalcopyrite	5			SILICIFICATION	5									
72.4	72.5	Brittle	25	pyrite	10	chalcopyrite	5			SILICIFICATION	5									
72.7	73.5	Brittle	30	pyrite	15	chalcopyrite	10	sphalerite	1	SILICIFICATION	5									
74.4	74.9	Transitional	15	pyrite	10	chalcopyrite	5			SILICIFICATION	5	CHLORITE	3	EPIDOTE	1					
74.7	75.3	Transitional	10	pyrite	5	chalcopyrite	3			SILICIFICATION	4	CHLORITE	3							
76.6	77.3	Transitional	10	pyrite	5	chalcopyrite	3			SILICIFICATION	4	CHLORITE	2							
79.9	80.8	Ductile	10	pyrite	5	chalcopyrite	1			CHLORITE	3	EPIDOTE	1							
81.4	82.5	Ductile	5	pyrite	5	chalcopyrite	1			CHLORITE	3	SILICIFICATION	1							
86	86.9	Transitional	10	pyrite	5	chalcopyrite	1			CHLORITE	2									
91.7	91.7	Brittle	30	pyrite	5	chalcopyrite	2			SILICIFICATION	5									
101.8	104.8	Transitional	1	pyrite	15	chalcopyrite	10	sphalerite	5	SILICIFICATION	5	CHLORITE	1							
105.5	105.9	Brittle	10	pyrite	5	chalcopyrite	3			SILICIFICATION	2	CHLORITE	3	EPIDOTE	1					

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04002	66.5	40	-80	499787	6070273	835	COMPLETE	17/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
6.5	9.4	Transitional	20													5				
9.5	11.2	Transitional	5													5	2	2	2	
13.7	14.2	Transitional	20													3	3	3	3	
14.6	16.1	Transitional	10	pyrite	1											5	3	3	3	
20.2	20.5	Transitional	30													5	3	3	3	
21.2	21.2	Brittle	40													3	1	1	1	
24.2	24.5	Transitional	20	pyrite	1											3	1	1	1	
38.5	38.6	Transitional	40	pyrite	2					SILICIFICATION	2					2				
39.7	40	Brittle	30							SILICIFICATION	2					3	1	1	1	
47.6	47.6	Ductile	40							SILICIFICATION	2	CHLORITE	1							
51.2	51.2	Ductile	80							SILICIFICATION	2	CHLORITE	2							

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
3.3	3.3	Brittle	70													4	2	2	2	
6.9	6.9	Ductile	25													3	1	1	1	
9.4	9.6	Transitional	30													4	1	1	1	
11.1	11.7	Transitional	30													5	2	2	2	
12.6	12.6	Transitional	25													3	1	1	1	
14	14	Brittle	20													2				
25.9	26	Brittle																		Poor recovery - only rubble
64.8	64.8	Ductile	85																	
66.3	66.4	Brittle	25																	
67.5	67.5	Brittle	70																	
68.6	68.6	Ductile	90													3	1	1	1	
72.3	72.3	Brittle	60																	
80.9	80.9	Brittle	85	pyrite	1	chalcopyrite	1													
81.8	89.6	Brittle		pyrite	2					CHLORITE	1	CARBONATE	2			4				
82.4	82.6	Transitional														3	1	1	1	
82.9	83.5	Transitional	50													5	2	2	2	
85	85	Transitional	45													4				
85.8	85.9	Transitional	25													3	1	1	1	
89.3	89.3	Transitional	50													4	1	1	1	
89.6	89.6	Brittle	35													3	1	1	1	
89.6	92.7	Brittle		pyrite	1					CARBONATE	3	CHLORITE	2	FE STAINING	1	1				
90.8	91	Brittle	30													2				
91.9	91.9	Brittle	45													1				
92.7	92.7	Ductile	25													1				
94.8	95	Brittle	80													3				
95.9	96.1	Ductile	10													1	1	1	1	
97.8	97.9	Brittle	60													4	1	1	1	
97.9	98.2	Transitional	25													5	1	1	1	
98.5	98.7	Transitional	60													4	1	1	1	
101.9	101.9	Brittle														1	1	1	1	
102.4	102.4	Brittle	65													5	2	2	2	

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
126.3	127.1	Transitional	40	pyrite	2	chalcopyrite	1			SILICIFICATION	3	CARBONATE	1	CHLORITE	1	1				
127.1	128.4	Brittle	35	pyrite	5	chalcopyrite	1	sphalerite	1	SILICIFICATION	4	CHLORITE	1			5	2	2	2	
128.9	129.4	Brittle	40							SILICIFICATION	2	CARBONATE	2			2				

Appendix 3.4.4 - Shear Zone Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04005	7.9	233	-53	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Deformation*	*Angle (to CA)*	*Mineralogy 1*	*%*	*Mineralogy 2*	*%*	*Mineralogy 3*	*%*	*Alteration 1*	*Deg*	*Alteration 2*	*Deg*	*Alteration 3*	*Deg*	*Gauge*	*Clay*	*Oxidized*	*Clean*	*Note:*
3.5	4	Transitional	20							SILICIFICATION	3					4				Pssbl wthrd py

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
14.3	14.5	0.3	5	5		white	fine-medium	STOCKWORK	Quartz	Calcite												
17.9	17.9	2	1	1	25	black	medium-coarse	SHEARED	Quartz													
18.2	18.2	3	1	1	35	white	medium	SHEARED	Quartz													
20.4	20.5	3	1	1	30	grey green	coarse	MASSIVE	Quartz	Calcite		pyrite	60	quartz	30							
27.4	27.4	1	1	1	90	white	medium-coarse	SHEARED	Quartz													
30.1	30.1	0.5	3	3		white	medium	STOCKWORK	Quartz	Calcite												
31.3	36.9	0.7	11	5		white	medium	STOCKWORK	Quartz	Calcite												
37.3	38.2	0.5	6	6		white	fine-medium	STOCKWORK	Quartz													
38	38	2	1	1	50	salt and oeoper	coarse	FRACTURED	Quartz	Biotite	Calcite											
38.2	42.1	0.1	27	7	40	white	medium	STOCKWORK	Quartz													
43	43	6	1	1	70	white	medium-coarse	FRACTURED	Quartz	Calcite		quartz	60	pyrite	20			VEIN	SILICIFICATION	CARBONATE	PYRITE	
43.2	45.6	0.4	50	20		white	medium-coarse	STOCKWORK	Quartz	Calcite	Sericite	pyrite	20					VEIN	SILICIFICATION	CARBONATE	PYRITE	
46	47.4	1	2	1	15	white	medium-coarse	SHEETED	Quartz	Calcite	Chlorite	quartz	70	pyrite	15			VEIN	SILICIFICATION	CARBONATE	PYRITE	
49.4	49.4	2	1	1	30	grey green	medium	MYLONITIC	Quartz	Chlorite	Sericite	quartz	40					VEIN	SILICIFICATION	CHLORITE	SERICITE	
51.1	51.1	3	1	1	45	greyish	medium-coarse	SHEARED	Quartz	Calcite	Chlorite	quartz	50	pyrite	5			VEIN	SILICIFICATION	CARBONATE	PYRITE	
51.6	51.6	1	1	1	50	grey green	medium-coarse	FRACTURED	Quartz	Chlorite	Calcite	quartz	40					VEIN	SILICIFICATION	CHLORITE	PYRITE	
53.4	53.4	1	1	1	60	grey green	medium-coarse	SHEARED	Quartz	Calcite	Chlorite	quartz	40					VEIN	SILICIFICATION	CARBONATE	CHLORITE	
57.6	57.8	7	1	1	5	white	very coarse	VUGGED	Calcite	Quartz								VEIN	CARBONATE	SILICIFICATION	NONE	
58.3	58.6	1	1	1	45	white	medium	SHEARED	Quartz	Calcite									SILICIFICATION			
58.6	61.1	0.1	22	12		white	fine	STOCKWORK	Quartz	Calcite									SILICIFICATION			
67.3	67.3	0.7	1	1	50	greyish	medium	SHEARED	Quartz	Calcite	Chlorite								SILICIFICATION	CHLORITE		
70.4	70.4	0.5	1	1	25	white	medium	VUGGED	Quartz	Calcite												
73.3	73.3	1	1	1	45	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite								SILICIFICATION			
75.1	75.7	2	2	2	15	white	medium-coarse	FRACTURED	Quartz	Chlorite									SILICIFICATION			
75.7	79	0.3	23	8		white	very fine	STOCKWORK	Quartz	Calcite									SILICIFICATION			
90.2	91	0.3	5	5		yellow	fine-medium	STOCKWORK	Quartz	Calcite		quartz	70	pyrite	5				SILICIFICATION			
92.9	94.5	0.3	4	2	15	white	fine-medium	STOCKWORK	Quartz	Calcite									SILICIFICATION			
93.5	93.6	11	1	1	85	grey green	medium-coarse	SHEARED	Quartz	Calcite	Sericite	quartz	20					VEIN	SILICIFICATION	CARBONATE	SERICITE	
97.3	97.3	1	1	1	65	grey green	coarse	MYLONITIC	Quartz	Calcite	Chlorite							VEIN	SILICIFICATION	CHLORITE		
100	101	0.3	4	2	10	white	fine	DRUSY	Quartz	Chlorite								VEIN	SILICIFICATION			

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
6.5	6.5	0.5	1	1	50	white	fine-medium	FRACTURED	Quartz	Calcite												
14.3	15.1	0.4	1	1	2	white	fine-medium	VUGGED	Quartz	Calcite												
25.2	25.9	1	3	5	80	white	medium-coarse	VUGGED	Quartz	Calcite												
25.9	26	1	1	1	10	white	fine-medium	SHEARED	Quartz	Calcite	Chlorite											
25.9	26.4	0.2	5	5	10	white	fine-medium	STOCKWORK	Quartz	Calcite												
27.7	28.5	0.2	3	3		white	fine-medium	STOCKWORK	Quartz	Calcite												
28.5	29.5	0.7	26	26		white	medium	STOCKWORK	Quartz	Calcite												
29.5	29.8	30	1	1	68	white	very coarse	SHEARED	Quartz	Calcite		pyrite	40	pyrrhotite	10	quartz	30					
29.8	30.2	0.1	6	6		white	fine	STOCKWORK	Quartz	Calcite												
31.3	31.3	2	1	1	80	dark	medium-coarse	SHEARED	Quartz			pyrite	10	pyrrhotite	5			VEIN	PYRITE	CHLORITE		
38.3	38.8	1	2	2	80	greyish	medium-coarse	MYLONITIC	Quartz	Calcite	Chlorite	quartz	16					ENVELOPE	SERICITE			
40.3	41	0.1	16	16		orange	fine	STOCKWORK	Quartz			none						PERVASIVE	FE STAINING			
40.8	41.1	1	2	2	70	white	fine-medium	MYLONITIC	Quartz	Calcite	Chlorite											
45.1	45.4	1	6	6		white	fine-medium	STOCKWORK	Quartz	Calcite												
47	47.3	0.5	1	1	30	grey	fine	MYLONITIC	Quartz	Calcite	Chlorite											
50.4	50.8	0.7	2	2	85	white	fine	MYLONITIC	Quartz	Calcite	Calcite							VEIN	SILICIFICATION			
52.7	52.7	2	1	1	80	white	fine-medium	SHEETED	Quartz	Calcite	Chlorite							VEIN	FE STAINING			
53.5	54.5	2	2	2	10	white	fine-medium	SHEARED	Quartz	Calcite	Chlorite							PERVASIVE	SILICIFICATION	FE STAINING		
54.7	54.8	1	1	1	30	greyish	fine-medium	MYLONITIC	Quartz	Calcite												
59	59.1	4	1	1	5	white	medium-coarse	BULL	Quartz	Calcite								VEIN	FLOURITE			
62.5	63	0.5	7	7		white	fine	STOCKWORK	Quartz	Chlorite												
67.1	67.1	1	1	1	5	greyish	fine-medium	MYLONITIC	Quartz	Calcite	Chlorite											
67.3	67.3	1	1	1	55	white	medium-coarse	DRUSY	Quartz	Calcite												
67.9	67.9	2	1	1	50	greenish	medium-coarse	MYLONITIC	Quartz	Calcite	Chlorite											
68.5	69.1	0.5	1	1	20	grey green	fine-medium		Quartz	Calcite												
69.5	77	0.2	40	7		greyish	fine-medium	STOCKWORK	Quartz	Calcite												
80.8	81.2	0.7	1	2	15	white	medium-coarse	COMB	Quartz	Calcite												
84.3	84.4	1	1	10	30	grey green	coarse	COMB	Quartz	Calcite	Chlorite											
86.9	87.3	0.7	1	3	5	white	medium-coarse	COMB	Quartz	Calcite												
87.3	89.3	0.2	49	24		white	fine-medium	STOCKWORK	Quartz	Calcite	Sericite							VEIN	SILICIFICATION			
87.8	87.8	4	1	0	85	grey green	coarse	SHEARED	Quartz	Calcite	Chlorite	pyrite	2					VEIN	SILICIFICATION	PYRITE		
87.9	87.9	1	1	0	85	grey green	coarse	SHEARED	Quartz	Calcite	Chlorite	pyrite	2					VEIN	SILICIFICATION	PYRITE		
89	89	3	1	0	85	grey green	medium-coarse	SHEARED	Quartz	Calcite	Chlorite	pyrite	2					VEIN	SILICIFICATION	PYRITE	SERICITE	
106.2	108.8	0.2	36	14		white	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	SILICIFICATION	FE STAINING		
107.7	107.7	3	1	0	60	light	medium	SHEARED	Quartz	Calcite								ENVELOPE	SILICIFICATION			
108.8	109	12	1	5	50	white	coarse	SHEARED	Quartz	Chlorite	Chlorite	pyrite	1									
109.1	109.1	1.5	1	0	45	white	medium-coarse	MASSIVE	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
9	10.2	1	2	2	20	white	medium		Quartz	Calcite								PERVASIVE	CARBONATE			
10.3	10.4	5	1	10	50	milky	medium-coarse	MULTISTAGE	Quartz	Calcite	Chlorite								CARBONATE			
10.4	10.7	0.3	5	17	30	white	medium	VUGGED	Quartz	Calcite												
19.3	20.5	0.7	6	5		white	medium	STOCKWORK	Quartz	Calcite												
20.5	21.6	0.1	22	20		white	fine-medium	STOCKWORK	Quartz	Calcite												
37.8	37.8	2	1	0	30	grey green	coarse	SHEARED	Quartz	Calcite	Chlorite											
38	38.8	1	2	2		grey green	medium	STOCKWORK	Quartz	Calcite												
46.1	46.1	2	1	0	80	white	coarse	FRACTURED	Quartz									VEIN	FE STAINING			
47.8	49.1	3	4	3	75	white	medium-coarse	FRACTURED	Quartz									VEIN	FE STAINING			
52.1	53.3	0.1	22	18		white	fine	STOCKWORK	Quartz	Chlorite								PERVASIVE	SILICIFICATION			
53.3	54.1	0.3	12	15		white	fine-medium	STOCKWORK	Quartz	Calcite												
54.8	54.8	1	1	0	50	white	fine-medium	MULTISTAGE	Quartz	Calcite		pyrite	3									
55.7	56	1	1	3	10	white	medium	SHEARED	Quartz	Calcite		pyrite	5									
57.4	57.4	1	1	0	60	grey green	medium-coarse	MULTISTAGE	Quartz	Calcite	Sericite	pyrite	2									
57.4	57.6	1	1	5	10	white	fine-medium	MULTISTAGE	Quartz	Calcite	Sericite	pyrite	5									
58.9	58.9	2	1	0	80	white	medium-coarse	MULTISTAGE	Quartz	Calcite		pyrite	2	pyrrhotite	1							
59.4	59.4	1	2	0	90	greyish	medium	MULTISTAGE	Quartz	Calcite	Sericite	pyrite	2									
60.5	60.5	2	1	0	90	milky	medium-coarse	FRACTURED	Quartz	Calcite												
60.5	61.5	0.1	17	17		white	very fine	STOCKWORK	Quartz	Calcite												
61.5	61.5	4	1	0	45	milky	coarse	SHEARED	Quartz	Calcite	Chlorite	pyrite	1									
61.5	62.5	0.1	14	14		white	fine	STOCKWORK	Quartz	Calcite												
62.5	62.7	15	1	5	80	greyish	coarse	SHEARED	Quartz	Calcite	Chlorite	pyrite	2									
63	63	1	1	0	90	white	medium	FRACTURED	Quartz	Calcite	Sericite	pyrite	3									
63	65.2	0.2	19	9		white	fine	STOCKWORK	Quartz	Calcite												
65.2	65.2	1	2	0	65	greyish	fine-medium	MULTISTAGE	Quartz	Calcite		pyrite	3									
65.3	65.3	1	1	0	80	greyish	medium-coarse	SHEARED	Quartz	Chlorite		pyrite	5									
65.3	67.1	0.3	11	6		grey green	fine	STOCKWORK	Quartz	Calcite	Chlorite											
67.1	67.3	0.3	3	15	60	yellow	medium-coarse	SHEARED	Quartz			pyrite	3									
67.3	68.5	0.3	7	6		grey green	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite	pyrite	1									
68.5	68.5	2	1	0	60	milky	medium-coarse	STOCKWORK	Quartz	Calcite	Chlorite	pyrite	2									
68.5	71	0.2	19	8		milky	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite	pyrite	2									
71	71	2	1	0	75	yellow	fine-medium	MASSIVE	Quartz			pyrite	80									
71	74.4	0.3	36	11		grey green	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite	pyrite	5					VEIN	SILICIFICATION			
74.4	75	0.2	7	12	60	white	fine-medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	2					PERVASIVE	CHLORITE			
75	75.3	0.6	1	3	20	grey	fine-medium	STOCKWORK	Quartz	Calcite		pyrite	2									
75.3	76.4	0.1	8	7		white	fine	STOCKWORK	Quartz	Calcite		pyrite	5									
76.4	76.7	1	1	3	17	white	fine	SHEARED	Quartz	Calcite		pyrite	1									
76.7	76.8	0.1	1	10		white	fine	STOCKWORK	Quartz	Calcite		pyrite	5									
76.8	76.8	2	1	0	75	greyish	medium-coarse	SHEARED	Quartz	Calcite		pyrite	10									
77.3	77.6	1	1	3	10	white	fine-medium	DRUSY	Quartz	Calcite		pyrite	5									
77.6	77.6	3	1	0	70	greyish	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	5									
77.6	78	0.7	6	15	40	white	fine-medium	STOCKWORK	Quartz	Calcite												
78	78.7	0.2	9	13		yellowish	fine	STOCKWORK	Quartz			pyrite	5									
78.7	80.2	0.2	3	2		white	fine	STOCKWORK	Quartz	Calcite												
80.5	81	1	1	2	15	white	fine-medium	COMB	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
81.8	84.1	1.5	3	1	25	white	fine-medium	SHEARED	Quartz	Calcite												
84.1	84.5	1	1	2	10	white	medium	DRUSY	Quartz	Calcite												
84.5	86	0.3	4	3		white	fine	STOCKWORK	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
12.3	12.4	1.2	1	10		black	fine-medium	FRACTURED	Quartz													
15.7	15.8	10	1	10	60	milky	medium-coarse	SHEARED	Quartz	Calcite												
17.4	20.4	0.2	36	12		white	fine	STOCKWORK	Quartz	Calcite												
28.7	31	0.2	60	26		white	fine	VUGGED	Quartz													
31	35.3	0.2	50	12		white	fine	STOCKWORK	Quartz													
33.9	35.9	1	1	0	5	milky	medium-coarse	BULL	Quartz	Calcite		pyrite	5									
34.2	34.2	2	1	0	5	white	medium-coarse	BRECCIATED	Quartz	Calcite		pyrite	5					VEIN	PYRITE			
35.4	35.6	12	1	5	55	milky	fine	BULL	Quartz			sphalerite	5	galena	5	chalcopyrite	2					
35.6	38.5	0.1	25	9		green	fine		Quartz	Chlorite												
38.5	38.7	1	2	10	75	grey green	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
38.7	41.1	0.2	4	2	80	greenish	fine	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE			
39.8	39.8	4	1	0	60	greyish	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
41.1	41.1	3	1	0	45	white	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
41.5	41.5	3	1	0	85	grey green	medium-coarse	MYLONITIC	Quartz	Calcite	Chlorite											
41.5	43.6	0.1	7	3		grey green	fine	STOCKWORK	Quartz	Calcite	Garnet											
43.6	43.6	3	1	0	60	milky	very fine	BULL	Calcite													
43.9	43.9	5	1	0	70	grey green	medium	SHEARED	Quartz	Calcite	Chlorite											
43.9	44.9	0.2	6	6		grey green	fine	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE			
44.9	47.4	0.1	6	2		grey green	fine	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE			
47.4	47.9	0.1	6	12		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
47.9	48.3	0.1	3	8		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
48.3	50.1	0.1	24	13		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
48.6	48.9	0.6	3	10	40	white	very fine	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE			
50.5	50.5	1.5	1	0	45	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite											
53.7	53.7	1	1	0	45	white	fine-medium	MYLONITIC	Quartz	Calcite								ENVELOPE	FE STAINING			
53.7	55	0.1	23	18		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
55	56.7	0.1	6	4		white	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
56.7	56.7	3	1	0	60	white	fine-medium	MYLONITIC	Quartz	Calcite	Chlorite											
56.7	58.6	0.2	6	3		white	very fine	STOCKWORK	Quartz	Chlorite								ENVELOPE	CARBONATE	FE STAINING		
58.8	58.8	4	1	0	60	milky	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite							VEIN	FE STAINING			
58.8	59.4	0.1	4	7		white	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
59.7	59.7	2	1	0	60	milky	fine-medium	MYLONITIC	Quartz	Calcite	Chlorite											
59.7	60.1	0.1	10	25		white	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
10.8	10.8	0.6	2	0	25	white	fine-medium	MULTISTAGE	Quartz	Calcite								PERVASIVE	CARBONATE			
16.3	17.7	0.8	4	3	60	white	fine-medium	STOCKWORK	Quartz	Calcite												
21.3	21.3	3	1	0	50	grey green	medium	MULTISTAGE	Quartz	Calcite	Chlorite							PERVASIVE	CARBONATE			
27.8	27.8	3	1	0	45	grey green	medium	MULTISTAGE	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE	FE STAINING		
28.9	28.9	2	1	0	70	grey green		MULTISTAGE	Quartz	Calcite	Chlorite											
28.9	30.2	0.3	9	7		white	fine-medium	STOCKWORK	Quartz	Calcite												
31.6	31.7	4	1	10	85	white	fine-medium	SHEARED	Quartz													
37.2	37.2	2	1	0	55	white	fine-medium	SHEARED	Quartz	Calcite												
38.4	40.3	0.8	16	8		white	fine-medium	STOCKWORK	Quartz	Calcite												
42.5	42.5	1	1	0	90	grey	medium-coarse	SHEARED	Quartz	Calcite												
42.5	43.3	0.1	12	15		white	fine-medium	STOCKWORK	Quartz	Calcite												
46.3	48.5	0.1	42	19		white	fine	STOCKWORK	Quartz	Calcite		pyrite	1					VEIN	PYRITE			
48.5	48.8	0.3	16	53		milky	fine	STOCKWORK	Quartz	Chlorite												
48.8	49.5	0.3	12	17		white	fine	STOCKWORK	Quartz	Calcite		pyrite	1					VEIN	PYRITE			
49.1	49.1	2	1	0	45	white	fine	STOCKWORK	Quartz	Calcite												
49.5	49.5	2	1	0	55	grey green	medium	SHEARED	Quartz													
49.9	50.9	0.3	17	17		white	fine-medium	STOCKWORK	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
6.4	6.6	0.1	2	10	30	light	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
15.4	17.6	0.2	16	7		white	fine	STOCKWORK	Quartz	Calcite												
53.8	57.3	0.2	12	3		greyish	fine-medium	STOCKWORK	Quartz	Chlorite								PERVASIVE	FE STAINING	SILICIFICATION		
57.3	61	0.2	7	2		white	fine	STOCKWORK	Quartz	Calcite												
61	61.2	12	1	5	40	white	medium-coarse	BRECCIATED	Quartz	Calcite												
65.4	67.9	0.3	21	8		white	fine-medium	STOCKWORK	Quartz	Calcite												
72.8	72.8	1.5	1	0	80	grey	medium	MULTISTAGE	Quartz	Calcite	Chlorite											
73.8	74.2	0.2	4	10		white	fine	STOCKWORK	Quartz	Calcite												
74	74	2	1	0	70	grey green	medium-coarse	MULTISTAGE	Quartz	Calcite	Chlorite											
84.9	85.1	0.1	3	15		brown	fine	STOCKWORK	Quartz	Calcite												
87.3	87.3	0.2	1	0	85	white	fine	BULL	Quartz	Calcite												
91.7	91.7	1	1	0	80	white	medium	BULL	Quartz	Calcite												
92	92	2	1	0	80	grey green	medium	MULTISTAGE	Quartz	Calcite	Chlorite											

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
11	20.2	0.3	24	3	60	white	fine-medium	MASSIVE	Quartz	Calcite								ENVELOPE	EPIDOTE	SILICIFICATION	SERICITE	
20.2	35.1	1	41	3	55	white	medium	MULTISTAGE	Quartz	Calcite								ENVELOPE	CHLORITE	SERICITE	SILICIFICATION	
28.1	28.1	2	1	0	20	white	medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	1					VEIN	CHLORITE	FE STAINING	PYRITE	
32.5	32.5	1	1	0	35	grey green	coarse	COMB	Quartz	Chlorite												
32.6	32.6	2	1	0	40	white	fine-medium	BULL	Calcite	Quartz												
33.9	33.9	1	1	0	20	White	fine-medium	COMB	Quartz	Calcite								ENVELOPE	FE STAINING			
35.1	41.1	0.3	29	5		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SERICITE	SILICIFICATION	
36.3	36.3	1	1	0	45	white	medium	VUGGED	Quartz	Calcite												
36.9	36.9	1.2	1	0	85	brownish	medium	VUGGED	Quartz	Calcite								VEIN	CARBONATE	FE STAINING		
41.1	43.4	0.1	6	3	80	white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SERICITE	KSPAR	
43.4	53.3	1	38	4	75	white	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
45.1	53.4	0.3		0	80	white	fine-medium	MULTISTAGE	Quartz									PERVASIVE	SERICITE			
50.6	50.6	0.2	1	0	5	yellowish	fine-medium	MASSIVE	Chlorite			pyrite	80									
51.2	51.2	1	1	0	30	greenish	fine-medium	MULTISTAGE	Quartz	Chlorite		pyrite	2					PERVASIVE	PYRITE			
52.2	52.6	1	3	8	60	white	fine-medium	MULTISTAGE	Quartz			pyrite	2					PERVASIVE	SERICITE			
53.3	55	0.5	5	3	70	white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SERICITE		
53.4	53.9	50	1	2	50	white	fine-medium	MULTISTAGE	Quartz			pyrite		chalcopyrite				PERVASIVE	SERICITE			
55	58	0.8	17	6	70	white	medium	COMB	Quartz	Calcite								ENVELOPE	SILICIFICATION	SERICITE	EPIDOTE	
58	58.6	40	1	2	40	white	fine-medium	BULL	Quartz			pyrite	5	arsenopyrite	1	chalcopyrite	1	VEIN	SILICIFICATION	PYRITE		
58.6	61.6	1	7	2	40	white	fine-medium	STOCKWORK	Quartz	Chlorite		pyrite	1					ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
60.4	60.4	2	1	0	85	white	coarse	MULTISTAGE	Quartz			pyrite	2					ENVELOPE	SERICITE			
61.6	64.7	0.4	23	7	80	white	fine-medium	COMB	Quartz	Calcite								ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
63.4	63.4	4	1	0	88	white	medium-coarse	BULL	Quartz	Calcite		pyrite	5					VEIN	PYRITE	CARBONATE		
64.7	73.3	0.3	15	2	70	white	fine	COMB	Quartz	Calcite								ENVELOPE	CHLORITE	SILICIFICATION	KSPAR	
67.3	67.3	3	1	0	80	white	fine-medium	COMB	Quartz	Calcite		pyrite	1					VEIN	PYRITE			
73.3	77.1	3	4	1	85	white	medium	BULL	Quartz	Calcite								VEIN	SILICIFICATION	SERICITE	PYRITE	
76	76	4	1	0	85	white	fine-medium	BULL	Quartz													
77.1	85	0.2	17	2	70	white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SILICIFICATION	KSPAR	
82.4	82.4	3	1	0	1	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
85	91	0.1	11	2		white	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CHLORITE	SILICIFICATION	KSPAR	
91	92.5	1.5	2	1	45	white	medium	COMB	Quartz	Calcite	Chlorite							ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
92.5	95.8	1	6	2		white	fine	STOCKWORK	Calcite	Quartz	Chlorite							PERVASIVE	CARBONATE	CHLORITE	KSPAR	
95.8	98.2	1	1	0	85	white	medium	BULL	Quartz	Calcite	Chlorite							ENVELOPE	SILICIFICATION	CHLORITE		
98.2	104.3	0.2	11	2		white	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
100	100	10	1	0	45	white	coarse	SHEARED	Quartz			pyrite	4									
104.3	106.6	0.2	2	1	70	white	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	KSPAR	CARBONATE		
106.6	114.2	1	23	3		white	fine-medium	COMB	Quartz	Calcite								ENVELOPE	SERICITE	CHLORITE	SILICIFICATION	
114.2	116.4	0.2	7	3		white	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CHLORITE	SILICIFICATION	KSPAR	
116.4	124.2	1.2	11	1	60	white	medium	STOCKWORK	Quartz	Calcite								ENVELOPE	SILICIFICATION	SERICITE		
124.2	128.1	3	5	1		white	fine-medium	SHEARED	Quartz	Calcite		pyrite	3					PERVASIVE	SILICIFICATION	SERICITE	PYRITE	
128.1	135.3	1	14	2		white	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	SILICIFICATION	SERICITE	CHLORITE	
135.3	135.8	12	1	2	75	white	fine-medium	BULL	Quartz	Calcite		pyrite	3	arsenopyrite	1			VEIN	SILICIFICATION	CHLORITE	PYRITE	
135.8	137.8	0.5	33	16		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
137.8	140.5	0.2	13	5		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
140.5	140.9	0.3	4	10	75	White	fine-medium	SHEARED	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
140.9	141.9	0.1	8	8		White	fine	STOCKWORK	Quartz	Calcite												
141.9	142.1	1.5	2	10	45	White	fine-medium	SHEARED	Quartz	Calcite												
142.1	145	0.3	15	5		White	fine-medium	STOCKWORK	Quartz	Calcite												
145	145.4	2	2	5	30	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	5									
145.4	148.8	0.2	16	5		White	fine	STOCKWORK	Quartz	Calcite												
148.8	149.3	2	3	6	40	White	medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	5	arsenopyrite	2							
149.3	154.2	1	27	6		White	fine-medium	SHEARED	Quartz	Calcite												
154.2	154.9	15	1	1	60	White	medium	SHEARED	Quartz	Calcite	Chlorite											
154.9	156.6	1.5	14	8		White	fine-medium	STOCKWORK	Quartz	Calcite												
156.6	157.4	4	1	1	10	White	medium	SHEARED	Quartz	Calcite		pyrite	5	arsenopyrite	1							
157.4	160.5	0.4	15	5		White	fine	SHEARED	Quartz	Calcite												
158.3	158.8	3	1	2	10	White	medium	SHEARED	Quartz	Calcite		pyrite	5	arsenopyrite	2							
160.5	170.2	0.3	54	6		White	fine-medium	STOCKWORK	Quartz	Calcite												
170.2	171.4	1.2	4	3	70	White	medium	SHEARED	Quartz	Calcite												
171.4	173.3	0.7	4	2		White	fine-medium	STOCKWORK	Quartz	Chlorite												
173.3	174.3	0.8	13	13	30	White	fine-medium	BRECCIATED	Quartz	Chlorite	Calcite	pyrite	5	arsenopyrite	1							
174.3	177.5	0.3	13	4		White	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite											
177.5	177.7	2	1	5	70	White	medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	1									
177.7	179.3	0.2	5	3		White	fine	STOCKWORK	Quartz	Calcite												
179.3	184.4	0.7	36	7		White	fine-medium	STOCKWORK	Quartz	Calcite												
182.4	182.4	1.5	1	0	80	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	3									
182.7	182.8	18	1	10	75	White	fine-medium	BRECCIATED	Quartz	Calcite		pyrite	5	arsenopyrite	1							
184.4	188.4	0.3	31	8	80	White	fine	STOCKWORK	Quartz	Calcite												
188.4	192.6	1	14	3	75	White	fine-medium	STOCKWORK	Quartz	Calcite												
192.6	193.4	0.1	3	4		White	very fine	STOCKWORK	Quartz	Calcite												
193.4	202.5	1	62	7		White	fine-medium	STOCKWORK	Quartz	Calcite												
195.5	195.5	4	1	0	40	White	fine-medium	SHEARED	Quartz	Calcite												
195.8	195.8	2	1	0	45	green	fine-medium	SHEARED	Chlorite	Calcite												
202.5	205.7	0.2	11	3		White	very fine	STOCKWORK	Quartz	Calcite												
205.7	209.8	0.7	9	2	80	White	fine	STOCKWORK	Quartz	Calcite												
209.8	212.4	2	4	2	20	White	fine-medium	SHEARED	Quartz	Calcite												
212.4	216.3	0.3	17	4		White	fine-medium	STOCKWORK	Quartz	Calcite												
216.3	217.4	0.1	5	5		White	very fine	STOCKWORK	Quartz	Calcite												
217.4	220.2	0.2	16	6		White	fine	STOCKWORK	Quartz	Calcite												
218.2	218.2	1	1	0	80	White	medium	MASSIVE	Quartz	Chlorite		pyrite	10									
219.9	219.9	1	1	0	90	green	fine	MYLONITIC	Chlorite	Quartz		pyrite	1									
220.2	220.7	0.2	7	14	70	White	fine	SHEARED	Quartz	Calcite												
220.7	222	0.2	9	7		White	very fine	STOCKWORK	Quartz	Calcite												
222	222.4	0.3	3	7	70	White	fine-medium	SHEARED	Quartz	Calcite												
222.4	225	0.2	22	8		White	fine-medium	STOCKWORK	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
10.4	13.6	0.3	12	4	65	milky	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
13.6	18.2	0.3	14	3	60	White	fine	STOCKWORK	Quartz	Calcite												
18.2	20.1	1	21	11	60	White	fine-medium	STOCKWORK	Quartz	Calcite												
19	19	3	1	0	90	White	medium	VUGGED	Quartz	Calcite												
20.1	28.2	0.3	19	2	68	White	fine-medium	STOCKWORK	Quartz	Calcite												
22.9	23.4	1	1	2	25	milky	medium-coarse	STOCKWORK	Quartz	Calcite												
28.2	31.6	0.6	14	4	55	White	fine-medium	STOCKWORK	Quartz	Chlorite												
28.5	28.5	2	1	0	45	White	medium-coarse	BRECCIATED	Quartz	Calcite	Chlorite											
31.6	33.1	0.1	6	4	70	White	very fine	STOCKWORK	Quartz	Calcite												
33.1	36.8	0.2	11	3	65	White	very fine	STOCKWORK	Quartz	Calcite												
36.8	43.2	0.3	20	3		White	very fine	STOCKWORK	Quartz	Calcite												
38.4	38.4	5	1	0	10	grey green	medium	MULTISTAGE	Quartz	Chlorite	Calcite											
39.2	39.5	0.3	2	7	5	green	fine	COMB	Chlorite	Quartz												
43.6	46	0.3	26	11	70	White	very fine	STOCKWORK	Quartz	Calcite												
46	48.4	0.8	5	2	65	White	fine-medium	STOCKWORK	Quartz	Calcite												
48.4	49.5	0.1	3	3	60	White	very fine	STOCKWORK	Quartz	Calcite												
49.5	54.6	0.3	22	4		White	fine	STOCKWORK	Quartz	Calcite												
54.6	57.2	0.1	4	2		white	very fine	STOCKWORK	Quartz	Calcite												
55.2	55.2	2	1	0	60	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
57.2	58	0.7	3	4	80	White	fine-medium	STOCKWORK	Quartz	Calcite												
58	59.4	0.1	2	1	75	White	very fine	STOCKWORK	Quartz	Calcite												
59.4	60.4	1	2	2	75	White	fine-medium	SHEARED	Quartz	Calcite												
61.9	63.4	0.7	4	3	75	White	fine	STOCKWORK	Quartz	Calcite												
68.5	69	0.5	2	4	70	White	fine	STOCKWORK	Quartz	Calcite												
69	69.6	60	1	2	50	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	10	arsenopyrite	20	chalcopyrite	5					
69.6	70	2	6	15		White	fine-medium	SHEARED	Quartz	Calcite		pyrite	10	arsenopyrite	15	chalcopyrite	2					
70	71.1	1	5	5	80	White	fine-medium	STOCKWORK	Quartz	Calcite												
71.1	74.3	1.5	6	2	65	White	fine-medium	STOCKWORK	Quartz	Calcite												
74.3	77.9	0.1	14	4	70	White	very fine	STOCKWORK	Quartz	Calcite												
77.9	79.3	0.3	3	2	65	White	fine-medium	STOCKWORK	Quartz	Calcite												
79.3	81.5	1.2	6	3	70	White	fine-medium	STOCKWORK	Quartz	Calcite												
81.5	83.4	1.1	4	2	80	White	fine-medium	STOCKWORK	Quartz	Calcite												
85.2	85.8	0.1	5	8		White	very fine	STOCKWORK	Quartz	Calcite												
85.8	91.2	0.8	18	3		White	very fine	STOCKWORK	Quartz	Calcite												
86.6	86.6	4	1	0	85	White	fine-medium	MULTISTAGE	Quartz	Calcite												
87	87	6	1	0	80	White	fine-medium	STOCKWORK	Quartz	Calcite		pyrite	3									

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
10.3	11.5	0.3	10	8	60	rusty	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
11.5	14.4	0.1	11	4	50	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
14.4	15	0.7	4	7	25	White	fine	MULTISTAGE	Quartz	Calcite	Chlorite							ENVELOPE	FE STAINING			
15.6	16.3	0.2	4	6	45	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
17.3	20.2	0.3	13	4	45	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
21.1	21.8	1.2	3	4	80	White	fine-medium	MULTISTAGE	Quartz	Calcite												
22.7	30.8	1	34	4	45	White	fine-medium	STOCKWORK	Quartz	Calcite												
23.1	23.1	4	1	0	35	White	medium	MULTISTAGE	Quartz	Calcite												
23.8	23.8	5	1	0	85	White	medium-coarse	MULTISTAGE	Quartz	Calcite												
24.3	24.3	1.5	1	0	90	White	fine-medium	VUGGED	Quartz													
27	27	3	1	0	65	White	medium-coarse	BRECCIATED	Quartz	Calcite												
28.3	28.3	1.2	1	0	35	White	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
34	34	1.3	1	0	80	White	medium-coarse	MULTISTAGE	Quartz	Calcite												
35	39.6	0.6	20	4	70	White	fine	MULTISTAGE	Quartz	Calcite												
37.4	37.4	2	1	0	35	White	medium	MULTISTAGE	Quartz	Calcite												
38.3	38.3	4	1	0	25	White	fine-medium	MULTISTAGE	Quartz	Calcite												
39.6	41.9	0.2	8	3	85	White	very fine	STOCKWORK	Quartz	Calcite												
40	45.1	0.5	6	1	40	White	fine-medium	STOCKWORK	Quartz	Calcite												
41.9	43.4	1	8	5	75	White	fine-medium	STOCKWORK	Quartz	Calcite												
42.3	42.3	1	1	0	50	rusty	fine-medium	SHEARED	Quartz	Calcite								ENVELOPE	FE STAINING			
42.7	42.7	1	1	0	30	rusty	very fine	SHEARED	Quartz	Calcite								ENVELOPE	FE STAINING			
50.8	50.8	2	1	0	45	White	fine-medium	BULL	Quartz	Calcite		pyrite	2									
52.8	59.6	1.5	14	2	60	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
53.7	53.7	2	1	0	30	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Chlorite							ENVELOPE	CARBONATE			
61.9	63.7	0.6	5	3	70	White	fine	MULTISTAGE	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
62.2	62.2	3	1	0	70	White	medium-coarse	BRECCIATED	Quartz	Calcite												
65.3	65.5	3	1	5	30	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite											
65.5	69.5	0.1	10	2	60	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
69.5	71.2	0.5	15	9		White	fine	STOCKWORK	Quartz	Calcite												
71.2	71.3	2.5	1	10	25	grey	fine-medium	SHEARED	Quartz	Calcite		arsenopyrite	5	pyrite	2							
73.8	78.1	0.2	40	9		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
76.8	76.8	5	1	0	45	White	medium	SHEARED	Quartz	Calcite		moly	10	pyrite	2	arsenopyrite	1					
76.9	76.9	5	1	0	45	White	fine-medium	BULL	Quartz	Calcite												
79.3	81	0.7	10	6		White	fine	STOCKWORK	Quartz	Calcite												
81	81	4	1	0	45	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	10	arsenopyrite	2							
81.7	81.7	8	1	0	35	White	medium	BRECCIATED	Quartz	Calcite	Chlorite	pyrite	5	arsenopyrite	2							
81.7	82.9	1.3	4	3	50	White	fine-medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	3									
83.1	83.1	2	1	0	45	milky	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite	pyrite	2									
83.1	83.6	0.1	3	6	50	grey	fine	STOCKWORK	Chlorite			pyrite	5	arsenopyrite	1							
83.6	85.2	1	16	10		White	fine	STOCKWORK	Quartz	Calcite												
86	89.1	1.2	12	4		White	fine	STOCKWORK	Quartz	Calcite												
87.9	87.9	1	1	0	5	White	fine	SHEARED	Quartz	Calcite	Chlorite	pyrite	5	arsenopyrite	1							
89.6	90	1	5	12	30	White	fine-medium	STOCKWORK	Quartz	Calcite												
93	93.3	0.3	2	7	20	White	fine-medium	STOCKWORK	Quartz	Calcite												
95.3	95.7	0.2	5	12	50	White	fine	SHEARED	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
96.4	97	0.3	6	10	30	White	fine	SHEARED	Quartz	Calcite												
97	97.8	0.3	5	6		White	fine	STOCKWORK	Quartz	Calcite												
97.8	97.8	2.5	1	0	30	White	fine	SHEARED	Quartz	Calcite												
97.8	99.5	0.3	14	8		White	fine	SHEARED	Quartz	Calcite												
99.5	100.2	0.2	16	23	55	White	fine	SHEARED	Quartz	Calcite		pyrite	5	arsenopyrite	2							
100.1	100.1	5	1	0	85	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	5	arsenopyrite	2							
100.2	104.5	0.7	16	4		White	fine-medium	STOCKWORK	Quartz	Calcite	Chlorite											
105.5	108.2	0.3	12	4		White	fine	STOCKWORK	Quartz	Calcite	Chlorite											
110.5	113.4	0.2	11	4		White	fine	STOCKWORK	Quartz	Calcite												
113.4	115.2	1.2	6	3	45	greyish	fine	STOCKWORK	Quartz	Calcite		pyrite	1	arsenopyrite	2							
116	116	4	1	0	15	White	fine-medium	BULL	Quartz	Calcite		arsenopyrite	2									
118.9	120.6	0.4	22	13	70	White	fine	STOCKWORK	Quartz	Calcite												
120.6	122.5	0.1	31	16		greenish	fine	SHEARED	Chlorite	Quartz	Calcite											
122.5	123.5	0.7	8	8	60	White	fine	STOCKWORK	Quartz	Calcite												
124.9	124.9	0.3	1	0	15	greenish	fine	STOCKWORK	Quartz	Chlorite	Calcite											
126.1	126.9	0.2	5	6		White	fine	STOCKWORK	Quartz	Calcite	Chlorite	pyrite	2									
127	127	12	1	0	65	milky	medium-coarse	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	10	arsenopyrite	2							
127	128	1.2	3	3	40	White	fine-medium	COMB	Quartz	Calcite												
129.4	131.7	0.2	6	3	25	White	fine	STOCKWORK	Quartz	Calcite	Chlorite											
132	132	0.2	1	0	10	greyish	fine	STOCKWORK	Quartz	Chlorite		pyrite	10	arsenopyrite	2							
134.2	134.2	1	1	0	15	greenish	fine	MULTISTAGE	Quartz	Chlorite	Calcite											
135.9	135.9	2	1	0	85	dark	fine	SHEARED	Quartz	Chlorite		pyrite	5									
137.3	137.3	0.1	3	0	80	green	fine	SHEARED	Chlorite													
137.5	138	0.4	3	6	5	White	fine	STOCKWORK	Quartz	Calcite	Chlorite											
138.6	148.6	0.2	15	2	70	White	very fine	STOCKWORK	Calcite													
154.9	155.5	0.4	2	3	30	greyish	fine	MULTISTAGE	Quartz	Chlorite	Calcite	pyrite	1									
156.1	156.1	3	1	0	40	White	fine-medium	SHEARED	Quartz	Chlorite	Calcite	pyrite	15	chalcopyrite	2			ENVELOPE	PYRITE			
158.8	158.8	3	1	0	40	greenish	fine-medium	SHEARED	Quartz	Chlorite	Calcite											
159.5	159.5	8	1	0	50	White	fine-medium	SHEARED	Quartz	Chlorite	Calcite	pyrite	15					ENVELOPE	PYRITE			
161.2	161.9	0.2	6	9		White	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
161.9	162.2	0.1	7	23		White	fine	SHEARED	Quartz	Calcite												
162.4	162.4	1	1	0	20	White	fine-medium	STOCKWORK	Quartz	Calcite		pyrite	5									
162.4	169.6	0.1	24	3		white	very fine	STOCKWORK	Quartz	Calcite	Chlorite											
170.7	175.1	0.3	8	2	70	grey green	fine-medium	STOCKWORK	Quartz	Calcite	Garnet											
181	181	1	1	0	30	yellowish	medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	10									
181.3	183.3	0.2	8	4	30	White	fine-medium	STOCKWORK	Quartz	Chlorite	Chlorite											
183.3	184.1	1.2	4	5		White	fine-medium	STOCKWORK	Quartz	Calcite	Garnet											
183.5	183.5	2	1	0	50	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	8									
185.3	186	0.3	2	3		White	fine	STOCKWORK	Quartz	Chlorite	Calcite											
186	187.2	0.1	11	9	60	grey green	fine	STOCKWORK	Quartz	Chlorite	Calcite											
187.3	187.3	4	1	0	80	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite											
187.3	188.2	0.1	16	18		grey green	fine	SHEARED	Quartz	Calcite	Chlorite											
188.2	190.8	0.2	12	5	30	White	very fine	STOCKWORK	Calcite													
190.8	193.5	0.3	4	1		green	fine-medium	MULTISTAGE	Quartz	Chlorite												
193.3	193.3	3	1	0	30	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
195.6	196	6	1	2	25	dark	medium-coarse	BRECCIATED	Quartz	Chlorite												
196.9	196.9	2	1	0	25	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
198	200.9	0.4	6	2		greenish	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
201.5	201.5	2	1	0	45	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
205.4	205.9	0.2	6	12	30	White	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
208.8	209.3	3	2	4	45	grey green	fine-medium	SHEARED	Quartz	Chlorite	Calcite											
212.5	212.6	10	1	10	40	White	fine-medium	MASSIVE	Quartz	Chlorite	Calcite	pyrite	5	chalcopyrite	1							
212.8	213.1	25	1	3	40	White	fine-medium	MASSIVE	Quartz	Chlorite	Calcite	pyrite	5	chalcopyrite	1							
214.2	214.2	1	1	0	60	grey green	fine	MULTISTAGE	Quartz	Chlorite	Calcite											
215.3	218.5	0.3	11	3	60	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
218.5	218.5	1	1	0	45	White	fine-medium	MULTISTAGE	Quartz	Calcite		pyrite	5									
218.6	221.4	0.2	5	2	65	White	fine	STOCKWORK	Quartz	Calcite												
221.4	221.4	2	1	0	30	White	fine	BULL	Quartz	Calcite	Ankerite	pyrite	3									
221.8	221.8	3	1	0	45	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite											
222.8	222.8	2	1	0	40	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	2									
222.9	222.9	2	1	0	45	grey green	medium-coarse	SHEARED	Quartz	Chlorite	Calcite	pyrite	1					VEIN	EPIDOTE			
224.4	224.4	1	1	0	50	green	fine	BRECCIATED	Quartz									VEIN	EPIDOTE			
227.9	229.4	0.2	7	5		White	fine	MULTISTAGE	Quartz	Calcite												
229.7	229.7	0.7	1	0	25	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	2					ENVELOPE	CARBONATE			
231.7	232.1	1	4	10	30	White	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
232.1	234.9	0.2	15	5		White	very fine	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE	EPIDOTE		
234.9	235.6	1	2	3	30	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	10					ENVELOPE	CARBONATE	SILICIFICATION		
235.6	237.1	0.1	14	9		green	very fine	SHEARED	Quartz	Chlorite												
237.1	239.1	0.2	11	6		White	very fine	STOCKWORK	Quartz	Calcite												
237.5	237.5	2	1	0	70	grey	fine	SHEARED	Quartz			pyrite	10									
239	239	3	1	0	30	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	1									
239.1	242.2	0.1	9	3	60	White	very fine	STOCKWORK	Quartz	Calcite												
242.2	243.9	0.3	6	4		White	fine	MULTISTAGE	Quartz	Calcite												
243	243	4	1	0	45	grey	fine-medium	SHEARED	Quartz	Chlorite	Chlorite											

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
27	29.5	0.2	3	1	25	rusty	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
29.3	29.3	3	1	0	35	white	medium-coarse	MASSIVE	Quartz	Calcite		pyrite	10					ENVELOPE	FE STAINING			
32.3	32.6	0.2	2	7	25	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
32.6	35.3	0.1	23	9	60	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
35.2	35.2	1.5	1	0	85	White	fine-medium	BULL	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	FE STAINING		
35.3	38.9	0.1	17	5	70	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE			
38.9	42.9	0.3	15	4	78	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
44.2	45.1	0.2	4	4	60	White	fine	STOCKWORK	Quartz	Chlorite								ENVELOPE	CARBONATE			
45.1	46.7	0.2	5	3	40	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
46.7	50.3	0.1	12	3	55	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
47.3	47.3	1.5	1	0	45	White	fine-medium	COMB	Quartz	Calcite								ENVELOPE	CARBONATE			
50.1	50.1	1	1	0	85	White	fine	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
50.3	50.3	0.2	2	0	25	grey green	fine	STOCKWORK	Quartz	Chlorite	Calcite							ENVELOPE	CARBONATE	SILICIFICATION		
54.9	56.4	0.1	6	4		White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
56.4	60.8	0.2	5	1	80	White	very fine	STOCKWORK	Quartz	Calcite												
60.8	61.8	0.3	5	5	75	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SILICIFICATION		
65.9	71.4	0.2	7	1	30	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
66.9	66.9	5	1	0	85	grey green	fine-medium	SHEARED	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE			
67.8	67.8	1	1	0	45	White	fine-medium	SHEARED	Quartz	Calcite												
71	71	1	1	0	25	White	fine	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE			
72.5	74.6	0.1	18	9	75	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
73.6	73.6	2	1	0	70	White	fine	BULL	Quartz	Calcite		pyrite	1					ENVELOPE	CHLORITE			
74.6	75.1	10	2	4		White	fine-medium	BRECCIATED	Quartz	Calcite		pyrite	10	sphalerite	1	chalcopyrite	1	ENVELOPE	CARBONATE	SILICIFICATION		
75.1	75.3	0.2	6	30		White	fine	STOCKWORK	Quartz	Calcite		pyrite	2	chalcopyrite	1			ENVELOPE	CARBONATE			
75.3	78.1	0.2	19	7	70	White	very fine	STOCKWORK	Quartz	Chlorite								ENVELOPE	CARBONATE	SILICIFICATION		
77.3	77.3	0.5	1	0	90	White	fine	COMB	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	SILICIFICATION		
77.4	77.4	1	1	0	45	White	fine	MULTISTAGE	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
78.1	79.8	0.1	6	4	60	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
78.8	78.8	1	1	0	65	grey green	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	1					ENVELOPE	CARBONATE			
82.5	84.5	0.1	7	4	45	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
19.2	22.9	0.5	13	4	30	rusty	fine	STOCKWORK	Quartz	Calcite		pyrite	1					ENVELOPE	FE STAINING			
20.4	20.4	1	1	0	40	rusty	fine	MULTISTAGE	Quartz	Calcite		pyrite						ENVELOPE	FE STAINING			
21.3	21.3	0.5	1	0	40	rusty	fine	MULTISTAGE	Quartz	Calcite		pyrite	1					ENVELOPE	FE STAINING			
23	23	2	1	0	35	White	fine-medium	MULTISTAGE	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	FE STAINING		
23	26.8	0.3	26	7	70	White	fine	STOCKWORK	Quartz	Chlorite								ENVELOPE	CARBONATE			
28.4	28.9	0.2	4	8	80	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
29.7	30.2	9	2	4	60	White	medium	STOCKWORK	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE			
30.3	36	0.2	19	3	35	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
33.5	33.5	1	1	0	85	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Chlorite							ENVELOPE	CARBONATE	FE STAINING		
37.4	37.4	1	1	0	40	grey green	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	1	arsenopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
38.6	38.6	1	1	0	75	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	3					ENVELOPE	CARBONATE			
39.4	39.4	2	2	0	85	White	fine-medium	MULTISTAGE	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
39.6	46.1	0.1	16	2	60	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
46.1	47.7	0.7	9	6	65	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
47.7	48	3	2	7	85	White	fine-medium	MASSIVE	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
48.1	48.6	0.2	15	30	70	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
48.6	49	1	5	12	80	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
49	52.1	0.2	14	5	65	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
55.7	56	0.2	3	10	50	rusty	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
58.4	58.4	8	1	0	45	grey green	fine-medium	BRECCIATED	Quartz	Calcite		pyrite	5					ENVELOPE	CARBONATE	SILICIFICATION		
60	60	3	1	0	45	White	fine-medium	MULTISTAGE	Quartz	Calcite		pyrite	5					ENVELOPE	CARBONATE	SILICIFICATION		
60.7	60.7	4	1	0	80	White	fine-medium	BULL	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
61.2	71.4	1	34	3	75	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
63.8	63.8	4	1	0	85	White	fine-medium	BULL	Quartz	Calcite								ENVELOPE	CHLORITE	SILICIFICATION		
68.8	68.8	3	1	0	70	White	fine	BULL	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
70.1	70.1	3	1	0	80	White	fine	BULL	Quartz	Chlorite								ENVELOPE	CARBONATE	SILICIFICATION		
70.2	70.2	2	1	0	85	White	fine-medium	MULTISTAGE	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
71.4	78.5	0.2	16	2		white	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
78.5	82.9	1	17	4		White	fine-medium	SHEARED	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	SILICIFICATION		
82.9	87.4	1	42	9		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
85.5	85.5	10	1	0	70	White	medium	BULL	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
87.4	89.7	0.7	12	5		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SERICITE		
89.7	91.7	1	23	12		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE	SILICIFICATION		
91.3	91.3	3	1	0	75	White	fine-medium	BULL	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
91.7	92.2	0.5	6	12	65	White	medium	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
92.2	94.3	0.7	13	6		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
94.3	95	0.5	7	10	60	White	fine-medium	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
95.1	95.1	2	1	0	80	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	10	arsenopyrite	1			ENVELOPE	SILICIFICATION	CARBONATE		
95.1	100	1	6	1	10	White	fine-medium	SHEARED	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
100	101.5	0.2	15	10		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
101.5	102.5	0.3	45	45	45	White	very fine	SHEARED	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
102	102	1	1	0	45	grey	very fine	SHEARED	Quartz	Calcite	Chlorite	pyrite	2	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
102.5	103.2	0.3	5	7		White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
103.2	103.4	0.1	10	50		White	very fine	SHEARED	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
103.4	112.9	0.1	26	3		White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
110.5	110.5	3	1	0	60	White	fine-medium	BULL	Quartz	Calcite		pyrite	3	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
111.4	111.4	1	1	0	80	White	fine-medium	BULL	Quartz	Calcite		pyrite	10	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
112.9	113.7	0.2	12	15		White	fine	SHEARED	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE	SILICIFICATION		
113.7	116.2	1	11	4	30	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
115.9	115.9	1	1	0	10	green	very fine	MULTISTAGE	Quartz	Chlorite		pyrite	5	chalcopyrite	2			ENVELOPE	CARBONATE			
116.2	117.4	0.2	5	4	70	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
117.4	118.6	1	5	4	80	White	fine-medium	COMB	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
119.5	120.3	2	4	5	30	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
121.5	121.7	1	3	15	60	White	fine	COMB	Quartz	Calcite		pyrite	5	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
121.7	122.3	0.1	6	10		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
122.3	122.6	10	2	7	80	White	fine-medium	BULL	Quartz	Calcite		pyrite	5	chalcopyrite	1			ENVELOPE	SILICIFICATION	CARBONATE		
123.1	130.3	0.5	16	2		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
130.5	130.5	2	1	0	25	White	fine-medium	BULL	Quartz	Calcite	Chlorite							ENVELOPE	CARBONATE	SILICIFICATION		
130.5	132	0.3	7	5	70	grey green	fine	MULTISTAGE	Quartz	Chlorite								ENVELOPE	SILICIFICATION	CHLORITE		
132	132	4	1	0	80	White	fine-medium	BULL	Quartz	Calcite		pyrite	3	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
132.2	132.2	2	1	0	85	White	fine	MULTISTAGE	Quartz			pyrite	5	chalcopyrite	1			ENVELOPE	CHLORITE	SILICIFICATION		
132.2	132.6	0.2	9	22		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
132.6	132.6	3	1	0	85	White	fine	MULTISTAGE	Quartz	Chlorite	Calcite	pyrite	5	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
132.6	135.8	0.2	12	4		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
135.8	135.8	3	1	0	50	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	5	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
135.8	138.3	1	32	13	60	White	fine-medium	SHEARED	Quartz	Chlorite								ENVELOPE	CARBONATE			
138.3	139	4	3	4	30	White	medium	BRECCIATED	Quartz	Calcite		pyrite	3					ENVELOPE	CARBONATE	SILICIFICATION		
139	141	0.3	19	10	80	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
141	141.2	1	4	20	80	White	fine-medium	COMB	Quartz	Calcite								ENVELOPE	SILICIFICATION	CARBONATE		
141.2	142.1	0.3	4	4	65	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
142.1	142.7	1	4	7	50	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	SILICIFICATION	CHLORITE	
142.7	146.1	0.7	16	5	70	White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
144.8	144.8	1	1	0	80	White	fine-medium	BULL	Quartz	Calcite		pyrite	5	chalcopyrite	1			ENVELOPE	SILICIFICATION	CARBONATE		
145	145	3	1	0	70	White	fine-medium	BULL	Quartz	Calcite		pyrite	1					ENVELOPE	CARBONATE	SILICIFICATION		
146.1	148.8	0.1	9	3	70	White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CHLORITE			

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
14.4	15.4	0.2	7	7		white	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
23.78049	24.08537		1	1		rusty	coarse	FRACTURED	Quartz													
24	24	3	1	0		milky	medium-coarse	BULL	Quartz													
35.6	38.4	0.1	7	3		grey	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	FE STAINING			
37	37.8	0.7	3	4	35	rusty	fine-medium	SHEARED	Quartz	Chlorite		pyrite	2					ENVELOPE	FE STAINING			
38.4	39	40	1	2	45	milky	coarse	SHEARED	Quartz			pyrite	20	arsenopyrite	5			VEIN	FE STAINING			
38.41463	39.02439		1	0	45	greenish	coarse	SHEARED	Quartz			arsenopyrite		pyrite								
39	39.4	3	1	3	45	white	coarse	SHEARED	Quartz			pyrite	5					ENVELOPE	FE STAINING			
40	40	0.3	1	0	40	white	fine-medium	VUGGED	Quartz			pyrite	5									
42.98780	42.98780		1	0					Quartz													
43	43	2	1	0		white	medium-coarse	VUGGED	Quartz									ENVELOPE	FE STAINING			
43.5	47.9	0.1	12	3		grey	very fine	STOCKWORK	Quartz	Chlorite								ENVELOPE	FE STAINING			
51.5	51.5	1.5	1	0		white	medium	MULTISTAGE	Quartz													

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04002	106.4	220	-60	507191	6066718	959	COMPLETE	27/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
14.8	14.8	1	1	0	45	light	fine-medium	SHEARED	Quartz	Ankerite								ENVELOPE	FE STAINING	CARBONATE		
15.8	15.8	0.5	1	0	50	light	fine	STOCKWORK	Quartz	Ankerite								ENVELOPE	FE STAINING	CARBONATE		
16.7	21.7	0.1	26	5		white	fine	STOCKWORK	Quartz	Ankerite		pyrite	1					VEIN	PYRITE			
21	21	0.7	1	0	75	white	fine	MULTISTAGE	Quartz	Ankerite		pyrite	1					VEIN	PYRITE			
21.1	21.1	0.3	1	0	75	white	fine	SHEARED	Quartz									VEIN	PYRITE			
39.3	39.3	1	1	0		white	medium		Quartz													
39.3	42	0.1	8	3		reddish	very fine	STOCKWORK	Quartz									VEIN	FE STAINING			
43.1	43.3	2	2	10		white	coarse	BULL	Quartz													
50	53.6	0.1	30	8		white	fine	STOCKWORK	Quartz													
55.5	55.5	2	1	0		white	medium-coarse	SHEARED	Quartz													
63.2	63.2	1	1	0		white	medium	MULTISTAGE	Quartz													
65.3	65.3	1	1	0		white	medium-coarse	BULL	Quartz													
70.7	70.7	1.5	1	0		white	medium-coarse	MULTISTAGE	Quartz													
73	73	1	1	0	75	grey green	fine-medium	SHEARED	Quartz	Chlorite												
74.5	74.5	0.2	2	0	45	white	fine-medium	STOCKWORK	Quartz													
75.9	75.9	0.3	1	0	85	grey green	fine-medium	SHEARED	Quartz	Chlorite												
76.2	76.3	0.3	2	20	15	white	fine	STOCKWORK	Quartz									VEIN	PYRITE			
76.7	76.7	0.2	1	0	80	grey green	fine	SHEARED	Quartz	Chlorite												
80.3	81.3	0.1	12	12		white	fine-medium	STOCKWORK	Quartz													
80.8	80.9	0.3	1	10	10	white	fine	STOCKWORK	Quartz	Chlorite												
81.2	81.3	3	2	20	70	grey green	medium	SHEARED	Quartz	Chlorite												
81.9	82.3	0.1	8	20		light	very fine	STOCKWORK	Quartz													
82.4	83	0.3	3	5	45	white	very fine	SHEARED	Quartz									VEIN	ARGILLIC			
87.5	87.5	0.3	1	0	45	white	fine-medium	SHEARED	Quartz									VEIN	ARGILLIC			
88.2	88.3	0.7	1	10	15	white	fine-medium	SHEARED	Quartz									VEIN	ARGILLIC			
88.9	89	0.2	2	20	45	white	fine-medium	SHEARED	Quartz									VEIN	ARGILLIC			
94.4	94.4	3	1	0	85	milky	medium-coarse	MYLONITIC	Quartz	Chlorite	Ankerite											
96.6	96.8	0.2	2	10	20	white	fine	STOCKWORK	Quartz													
97.2	97.3	0.2	1	10	15	white	fine-medium	SHEARED	Quartz									VEIN	ARGILLIC			
97.7	97.9	0.3	2	10		white	fine	STOCKWORK	Quartz													
98.1	98.1	1	1	0	70	white	fine-medium	SHEARED	Quartz	Ankerite												
100.3	101.3	0.2	5	5		white	fine	STOCKWORK	Quartz	Ankerite												
105.2	105.2	1	1	0		white	fine-medium	BULL	Quartz													
106.2	106.4	2	1	5		white	fine-medium	BULL	Quartz													

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04003	68.6	220	-80	507191	6066718	959	COMPLETE	29/09/2004	Chris Gallagher

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
13.5	21.5	0.3	8	1		orangish	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
37	38.9	0.2	4	2		orangish	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
44.5	45.4	0.1	9	10		reddish	fine	STOCKWORK	Quartz			pyrite	1									
51	57.6	0.2	11	2		orangish	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	FE STAINING		
57.6	60.7	0.2	9	3		red	fine	STOCKWORK	Quartz													
60.7	60.7	3	1	0		white	fine-medium	MULTISTAGE	Quartz	Chlorite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
28.5	28.7	2	1	5		White	fine-medium	SHEARED	Quartz			pyrite	5	chalcopyrite	1							
33	33	3	1	0		White	fine-medium	SHEARED	Quartz			pyrite	5	chalcopyrite	1							
38.7	38.7	1	1	0	10	White	fine-medium	SHEARED	Quartz	Calcite												
42.2	42.2	1.5	1	0		White	fine	BRECCIATED	Quartz	Calcite		pyrite	1	chalcopyrite	1							
45.4	47.6	6	1	0	1	White	fine-medium	SHEARED	Quartz			pyrite	15	chalcopyrite	5	sphalerite	1					
47.8	47.9	3	1	10	1	White	fine-medium	SHEARED	Quartz			pyrite	10	chalcopyrite	5							
48.9	48.9	1	1	0	10	White	fine	SHEARED	Quartz	Calcite		pyrite	3	chalcopyrite	1							
53.2	53.5	3	1	3	10	White	fine-medium	BRECCIATED	Quartz													
71.4	71.4	5	1	0	25	White	medium	SHEARED	Quartz			pyrite	10	chalcopyrite	5							
71.7	72.2	30	1	2	60	White	medium	SHEARED	Quartz			pyrite	10	chalcopyrite	2							
72.4	72.5	5	1	10	25	White	medium	SHEARED	Quartz			pyrite	10	chalcopyrite	5							
72.7	73.4	60	1	1	25	White	medium	VUGGED	Quartz			pyrite	15	chalcopyrite	5	sphalerite	1					
74.7	75.3	4	1	2	10	White	medium	SHEARED	Quartz	Chlorite		pyrite	5	chalcopyrite	1							
76.9	77.1	4	1	5	10	White	medium	SHEARED	Quartz	Chlorite		pyrite	5	chalcopyrite	1							
79.4	79.9	4	1	2	10	White	medium	SHEARED	Quartz	Chlorite		pyrite	5	chalcopyrite	1							
81.4	82.4	4	1	1	5	green	medium	BRECCIATED	Quartz	Chlorite		pyrite	1	chalcopyrite	1							
86	86.9	10	1	1	5	green	medium	BRECCIATED	Quartz	Chlorite		pyrite	1									
87.8	87.8	3	1	0	60	green	medium-coarse	SHEARED	Quartz	Chlorite												
89.8	89.8	0.3	1	0	60	White	fine-medium	STOCKWORK	Quartz	Calcite		pyrite	5									
91.7	91.7	3	1	0	15	White	medium-coarse	BRECCIATED	Quartz	Chlorite												
93	100.8	0.3	6	1	60	White	fine	STOCKWORK	Calcite	Quartz												
101.5	104.8	30	1	0	1	White	medium	SHEARED	Quartz	Chlorite		pyrite	15	chalcopyrite	10	sphalerite	2					
104.8	105.5	0.5	5	7	60	White	fine	STOCKWORK	Quartz	Calcite												
105.5	105.9	2	1	2	4	green	medium	BRECCIATED	Quartz	Calcite	Chlorite	pyrite	5	chalcopyrite	1							
105.9	106.8	1	12	13		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04002	66.5	40	-80	499787	6070273	835	COMPLETE	17/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
7.4	7.4	2	1	0	15	White	fine	SHEARED	Quartz			pyrite	1									
8.5	8.9	2	1	2	5	White	fine-medium	SHEARED	Quartz													
9.4	9.4	1.5	1	0	40	White	fine-medium	SHEARED	Quartz													
9.9	11.2	1.5	1	1	5	White	fine-medium	SHEARED	Quartz			pyrite	1									
13.6	16.1	1	8	3	10	White	fine-medium	SHEARED	Quartz			pyrite	1									
18.5	18.5	1	1	0	45	White	fine-medium	MULTISTAGE	Quartz			pyrite	1									
20.3	20.3	1	1	0	30	White	fine-medium	SHEARED	Quartz													
24.3	24.3	1	1	0	15	White	fine-medium	SHEARED	Quartz	Chlorite												
24.3	37	0.1	63	5	70	White	very fine	STOCKWORK	Quartz	Calcite												
37.5	38.4	0.1	13	14		White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE			
38.5	38.5	1	1	0	30	White	fine-medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	1					ENVELOPE	SILICIFICATION	CARBONATE		
42.1	45.8	0.2	29	8		White	very fine	STOCKWORK	Quartz	Calcite												
47.6	47.6	1	1	0	30	White	fine	SHEARED	Quartz	Calcite	Chlorite											
51.2	51.2	2	1	0	80	grey green	fine-medium	MULTISTAGE	Quartz	Chlorite	Calcite											
51.3	54.3	0.2	13	4	70	White	very fine	STOCKWORK	Quartz	Calcite												
54.4	54.4	1	1	0	25	White	fine	MULTISTAGE	Quartz	Calcite												
61.3	61.3	10	1	0	70	White	fine	DRUSY	Quartz	Chlorite												
61.4	61.4	1	2	0	70	White	fine	COMB	Quartz	Chlorite												
61.9	61.9	0.2	1	0	65	White	fine-medium	MASSIVE	Quartz	Calcite		pyrite	3					ENVELOPE	CARBONATE			
63.3	63.3	1	4	0	60	White	very fine	SHEARED	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
1.5	1.5	1	1	0		White	fine-medium	SHEARED	Quartz													
4	4	6	1	0	30	White	medium	SHEARED	Quartz	Calcite												
4.7	4.7	0.5	1	0	30	White	fine	MULTISTAGE	Quartz	Calcite		pyrite	2	chalcopyrite	1							
7.6	7.6	0.5	1	0	45	White	fine	MULTISTAGE	Quartz	Calcite		pyrite	2	chalcopyrite	1							
9.4	9.4	1	1	0	45	White	medium	SHEARED	Quartz	Calcite	Chlorite											
10	10.3	0.1	8	27	30	White	very fine	SHEARED	Quartz	Calcite												
11.8	11.8	1	10	0	30	White	fine-medium	SHEARED	Quartz	Calcite												
11.9	26.6	0.2	47	3	60	White	fine	STOCKWORK	Quartz	Calcite												
26.8	26.8	1	3	0		White	fine-medium	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
26.9	31.5	0.2	14	3	50	White	fine	STOCKWORK	Quartz	Calcite												
45.5	46	0.5	3	6	45	grey green	fine	COMB	Quartz	Calcite	Chlorite							ENVELOPE	CHLORITE	SILICIFICATION		
53.5	54.3	0.2	11	14	70	White	very fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
61	66.2	0.1	35	7	30	White	very fine	STOCKWORK	Quartz	Calcite												
66.4	66.4	2	2	0	20	White	fine	SHEARED	Quartz	Calcite												
66.8	66.8	0.6	1	0	90	White	very fine	COMB	Quartz	Calcite		pyrite	1	chalcopyrite	1							
67	68	0.7	14	14	35	White	very fine	SHEARED	Quartz	Calcite												
67.5	67.5	5	1	0	75	White	fine-medium	SHEARED	Quartz	Calcite												
68.1	73.5	0.1	26	5	30	White	very fine	STOCKWORK	Quartz	Calcite												
79.9	81.8	0.1	40	21		White	fine	STOCKWORK	Quartz	Calcite												
80.9	80.9	1	1	0	75	White	medium	SHEARED	Quartz	Calcite	Chlorite	pyrite	1	chalcopyrite	1			ENVELOPE	CARBONATE	SILICIFICATION		
82.2	84	0.2	8	4	60	White	very fine	SHEARED	Quartz	Calcite												
84	86	0.1	21	10	35	White	fine	SHEARED	Quartz	Calcite												
89.3	89.3	0.3	5	0	1	White	fine	SHEARED	Quartz	Calcite												
89.4	91.9	0.3	9	4		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
89.8	89.8	1	3	0	45	White	medium	SHEARED	Quartz	Calcite	Chlorite											
90.2	93	0.3	10	4	10	White	fine	STOCKWORK	Quartz	Calcite		pyrite	4									
90.4	90.4	1	1	0	80	White	medium	SHEARED	Quartz	Calcite		pyrite	1E +0	chalcopyrite	2	pyrrhotite	1	ENVELOPE	CHLORITE	CHLORITE	FE STAINING	
91.9	95.1	0.4	15	5		White	fine	STOCKWORK	Quartz	Calcite								ENVELOPE	CARBONATE	SILICIFICATION		
95.7	95.7	1	1	0	30	White	fine	SHEARED	Quartz	Chlorite	Calcite							ENVELOPE	CHLORITE			
95.9	95.9	1	1	0	15	White	medium	SHEARED	Quartz	Calcite	Chlorite											
96	97.7	0.2	16	9		White	very fine	STOCKWORK	Quartz	Chlorite								PERVASIVE	CARBONATE	SILICIFICATION		
97.7	98.8	0.1	17	15	30	White	very fine	SHEARED	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
98.2	98.6	0.1	7	18		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
98.6	98.8	2	1	5	60	White	fine	SHEARED	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
98.8	101.7	0.2	17	6		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
101.7	101.7	3	1	0	50	White	fine	SHEARED	Quartz	Calcite												
101.7	102.7	0.3	5	5	30	White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
101.9	101.9	5	1	0	45	White	fine	SHEARED	Quartz	Calcite												
102.3	102.3	0.2	5	0	35	White	very fine	SHEARED	Quartz	Calcite												

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
2.4	3	15	1	2	85	White	fine-medium	MASSIVE	Quartz			pyrite	3	chalcopyrite	1							
14	15.5	0.5	11	7		milky	very fine	MULTISTAGE	Quartz	Calcite	Chlorite	none						ENVELOPE	CARBONATE	SILICIFICATION		
15.7	15.7	3	1	0	5	grey	medium	BRECCIATED	Quartz	Calcite		none										
17	17	1	1	0	75	grey green	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
20.3	22.3	1	4	2	40	grey green	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
29.8	29.8	0.8	1	0	35	White	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite	pyrite	1									
32.8	32.8	0.3	6	0	45	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	3									
32.8	33.1	0.2	7	23		White	fine	SHEARED	Quartz	Calcite								ENVELOPE	SILICIFICATION			
33.1	35	0.6	5	3	25	grey green	fine	MULTISTAGE	Quartz	Calcite	Chlorite							PERVASIVE	SILICIFICATION	CARBONATE		
35	37.1	0.3	6	3	45	grey green	fine	STOCKWORK	Quartz	Calcite												
35.7	35.7	2	1	0	30	grey	fine-medium	MULTISTAGE	Quartz	Calcite	Chlorite											
37.7	37.7	0.3	7	0	40	White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
37.7	54.7	0.2	42	2		White	fine	STOCKWORK	Quartz	Calcite	Chlorite											
48.2	48.2	1	1	0	25	White	fine	MULTISTAGE	Quartz	Calcite								PERVASIVE	SILICIFICATION			
48.4	48.4	1.5	1	0	30	White	fine-medium	SHEARED	Quartz	Calcite								PERVASIVE	CARBONATE	SILICIFICATION		
54.7	58	0.1	34	10		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
58	65.9	0.1	23	3		White	very fine	STOCKWORK	Quartz	Calcite												
65.9	66.2	3	3	10	35	grey	fine-medium	SHEARED	Quartz	Calcite												
66.2	66.5	15	1	3	45	White	medium	SHEARED	Quartz	Calcite	Calcite	pyrite	15	chalcopyrite	5	sphalerite	5	VEIN	SILICIFICATION	CARBONATE		
66.5	68.5	1	8	4		milky	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
68.5	68.9	0.3	7	17	30	White	fine-medium	SHEARED	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
69.4	69.7	2	1	3		milky	fine	BULL	Quartz									PERVASIVE	SILICIFICATION			
69.7	70	10	2	7	30	White	medium	SHEARED	Quartz	Calcite	Chlorite							PERVASIVE	SILICIFICATION	CARBONATE		
70	72.8	0.2	13	5		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION			
72.8	72.8	2	1	0	40	White	fine	SHEARED	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
72.8	73.9	0.1	9	8	30	White	fine	STOCKWORK	Quartz	Calcite												
73.9	74.5	1.5	6	10	75	White	fine-medium	SHEARED	Quartz	Calcite		pyrite	5	chalcopyrite	1			PERVASIVE	SILICIFICATION			
76.1	76.8	0.2	6	9	20	White	fine	SHEARED	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
76.8	79.7	0.1	14	5		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION			
79.7	80.5	0.1	11	14	10	White	very fine	SHEARED	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
80.7	87.5	0.1	22	3	50	White	fine	STOCKWORK	Quartz	Calcite												
87.6	87.7	8	1	10	80	milky	fine	SHEARED	Quartz	Calcite		pyrite	10	sphalerite	5	chalcopyrite	1	VEIN	SILICIFICATION	CARBONATE		
88	88.3	1	3	10	30	White	fine-medium	SHEARED	Quartz	Calcite	Chlorite							PERVASIVE	SILICIFICATION	CARBONATE		
88.4	90.2	0.1	12	7		White	very fine	STOCKWORK	Quartz	Calcite												
90.3	90.3	3	1	0	25	milky	fine	BULL	Quartz													
90.4	104	0.1	75	6		White	very fine	STOCKWORK	Quartz	Calcite												
94.2	94.2	1.2	1	0	25	White	fine	MULTISTAGE	Quartz	Calcite		pyrite	2	chalcopyrite	1							
95.8	95.8	1	1	0	25	grey green	fine-medium	COMB	Quartz	Calcite		pyrite	3	chalcopyrite	1							
103.2	103.2	12	1	0	85	grey green	medium	SHEARED	Quartz	Calcite	Chlorite							PERVASIVE	SILICIFICATION	CARBONATE		
104.4	106.7	0.1	64	28		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
106.7	111.8	0.1	32	6		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
111.8	112.5	0.2	10	14		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
112.6	116.4	0.1	32	8		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
119.3	119.3	0.6	1	0	85	White	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
121.1	124.3	0.2	13	4		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION			

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
124.4	124.4	0.7	1	0	30	White	fine	MULTISTAGE	Quartz	Calcite	Chlorite											
125.6	126.4	0.3	5	6		White	fine	STOCKWORK	Quartz	Calcite												
126.4	127	0.4	3	5		White	fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		
127	128.4	1	7	5	30	grey	fine	SHEARED	Quartz	Calcite		pyrite	5	chalcopyrite	1			PERVASIVE	SILICIFICATION	CARBONATE		
128.4	129	0.1	5	8		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION			
129	129.4	0.1	7	17		White	very fine	SHEARED	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE	NONE	
129.4	129.9	0.1	3	6		White	very fine	STOCKWORK	Quartz	Calcite								PERVASIVE	SILICIFICATION	CARBONATE		

Appendix 3.4.6 - Veining Log

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04005	7.9	233	-53	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

From (m)	*To (m)*	*Average Width (cm)*	*Number*	*Density (/m)*	*Angle (to CA)*	*Colour*	*Grainsize*	*Primary Texture*	*Mineralogy 1*	*Mineralogy 2*	*Mineralogy 3*	*Sulphides 1*	*%*	*Sulphides 2*	*%*	*Sulphides 3*	*%*	*Alteration Setting*	*Alteration 1*	*Alteration 2*	*Alteration 3*	*Note:*
0.9	1.8	90	1	1	90	orangish	medium	SHEARED	Quartz			pyrite	5									
2.7	3.5	0.1	20	25	45	White	fine	STOCKWORK	Quartz	Calcite								VEIN	CHLORITE	EPIDOTE		
3.9	3.9	4	2	0	45	greenish			Quartz	Garnet		pyrite	1						CHLORITE			
3.9	7.9	0.1	60	15		White	fine	STOCKWORK	Quartz	Calcite		pyrite	1									

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04001-001	3.3	4.2	0.9	0.6	14.1	1.9	111	0.1	40.6	19.5	925	5.68	16.6	0.1	0.5	0.9	21	0.1	0.2	0.1	50	0.3	0.13	10	30.3	1.16	60	0.002	1	3.14	0.057	0.12	0.2	0.01	5.6	0.05	9	0.5	0.1
KCS04001-002	4.2	5.5	1.3	0.8	25	2.6	102	0.1	14.9	15.5	841	4.98	3.1	0.1	0.5	0.6	16	0.2	0.1	0.1	50	0.11	0.043	8	20.5	1.2	42	0.001	1	2.89	0.062	0.11	0.1	0.01	5.5	0.05	7	0.5	0.1
KCS04001-003	5.5	6.5	1	0.5	27.1	2	99	0.1	17.7	15.6	742	4.45	2.8	0.1	0.5	0.6	18	0.1	0.1	0.1	46	0.09	0.038	9	22.3	1.2	50	0.001	1	2.75	0.074	0.11	0.1	0.01	5	0.05	7	0.5	0.1
KCS04001-004	6.5	7.5	1	0.7	42.1	3.9	113	0.2	49.7	20.9	1175	5.48	6.1	0.1	0.5	1.3	21	0.1	0.1	0.1	60	0.19	0.099	11	42.2	1.35	60	0.002	1	3.28	0.079	0.13	0.1	0.01	6	0.05	9	0.5	0.1
KCS04001-005	10.7	12	1.3	1.4	41.7	4.4	78	0.2	46.6	16.2	647	3.74	18.1	0.1	0.6	1	19	0.2	0.3	0.1	50	0.03	0.016	10	25.3	0.92	66	0.001	1	2.25	0.069	0.13	0.2	0.01	4.4	0.05	7	0.5	0.1
KCS04001-006	12	12.8	0.8000000	0.8	60.1	4.6	115	0.3	16.3	17.6	1020	6.4	6.9	0.1	0.5	0.6	17	0.1	0.5	0.3	58	0.06	0.054	6	17.1	1.07	48	0.002	1	3.11	0.052	0.1	0.1	0.01	8.4	0.08	10	0.9	0.1
KCS04001-007	12.8	14.9	2.1	0.7	40.7	3.7	101	0.3	13.2	12.9	756	5.2	8	0.1	0.5	0.6	20	0.1	0.4	0.2	55	0.21	0.113	8	16.6	0.98	49	0.002	1	2.78	0.056	0.12	0.3	0.01	7.6	0.06	8	0.8	0.1
KCS04001-008	17.7	18.9	1.2	1	39.5	7.5	91	0.1	18.8	13.7	457	3.74	328.9	0.1	0.5	0.8	20	0.2	0.6	0.1	33	0.06	0.024	7	14.6	0.65	51	0.001	1	1.94	0.071	0.11	0.1	0.01	4.6	0.08	5	0.5	0.1
KCS04001-009	18.9	19.1	0.2000000	0.3	43.2	5.1	92	0.1	12.9	11	912	5.21	147.6	0.1	0.5	0.7	22	0.2	0.3	0.1	52	0.28	0.123	9	15.2	0.68	54	0.002	1	2.53	0.069	0.11	0.3	0.01	8.6	0.05	8	0.6	0.1
KCS04001-010	19.1	19.7	0.6	0.8	30.7	7.4	96	0.4	13.3	15.8	1464	4.81	112.9	0.1	0.7	0.6	19	0.2	0.2	0.1	39	0.13	0.042	5	14	0.6	62	0.002	1	2.14	0.049	0.12	0.1	0.01	6.2	0.16	6	0.5	0.1
KCS04001-011	19.7	20.7	1	0.6	40.4	11	98	0.9	16.7	20.6	694	6.83	271.7	0.1	0.5	0.5	18	0.1	0.6	0.2	53	0.09	0.063	4	16.9	0.79	61	0.002	1	2.57	0.053	0.14	0.1	0.01	7.6	1.6	8	1.8	0.1
KCS04001-012	22.5	23.9	1.4	0.8	41.1	5.1	84	0.1	10.7	15	2148	5.05	53.9	0.1	0.5	0.6	120	0.3	0.4	0.1	47	4.97	0.095	7	15.5	0.79	54	0.002	1	2.29	0.05	0.09	0.1	0.01	8	0.05	7	0.5	0.1
KCS04001-013	29.3	30.6	1.3	1.2	37.7	4.2	94	0.4	37.3	22.8	455	4.1	90.2	0.1	0.5	0.9	19	0.3	2.6	0.1	24	0.19	0.065	9	15.7	0.2	52	0.001	1	1.32	0.053	0.12	0.3	0.01	4.3	0.23	4	0.5	0.1
KCS04001-014	30.6	31.9	1.3	0.7	25.2	4.3	101	0.2	15	15.7	739	4.18	33.3	0.1	0.5	0.5	18	0.2	0.7	0.1	25	0.14	0.035	7	10.1	0.78	39	0.001	1	1.98	0.066	0.11	0.1	0.01	4.5	0.13	5	0.5	0.1
KCS04001-015	31.9	32.8	0.9	0.9	34.6	6.3	124	0.2	15.2	15.5	1387	4.23	43.6	0.1	1.2	0.6	29	0.2	1.3	0.1	25	0.35	0.042	9	9.1	0.59	43	0.001	1	1.33	0.079	0.12	0.1	0.01	5.4	0.05	3	0.5	0.1
KCS04001-016	32.8	34.1	1.3	0.9	32.1	4.9	124	0.2	26.4	16.8	1434	4.55	72.5	0.1	0.8	0.7	36	0.3	1.7	0.1	23	0.37	0.039	12	8.6	0.44	65	0.001	1	1.19	0.108	0.15	0.1	0.01	5.4	0.05	3	0.5	0.1
KCS04001-017	34.1	35.4	1.3	0.9	39	6.4	136	0.8	52.9	21.5	1328	5.43	141.6	0.1	0.5	1.4	29	0.4	2.9	0.1	33	0.25	0.11	16	23.8	0.47	64	0.001	1	1.39	0.086	0.15	0.1	0.01	6.2	0.05	4	0.5	0.1
KCS04001-018	35.4	36.6	1.2	0.7	43.9	12.4	133	4	41.1	19	835	3.37	181.9	0.1	0.5	0.7	21	0.6	3	0.1	21	0.11	0.009	9	10.6	0.46	64	0.001	1	1.36	0.057	0.15	0.1	0.01	3.9	0.17	4	0.5	0.1
KCS04001-019	37.1	38.2	1.1	1.2	50.9	13.5	126	3.7	75.8	21.7	841	4.19	156.8	0.1	0.5	1.2	25	0.6	3.7	0.2	30	0.21	0.02	16	24.8	0.8	70	0.001	1	1.95	0.055	0.16	0.1	0.01	4.5	0.05	4	0.5	0.1
KCS04001-020	41.4	42.1	0.7000000	0.9	37.6	6.6	97	0.9	12.5	15.2	1404	7.55	150.6	0.1	1.2	0.6	73	0.2	1.6	0.1	50	1.5	0.464	6	12.3	1.04	68	0.003	2	2.76	0.033	0.17	0.2	0.01	8.8	1.63	6	0.8	0.1
KCS04001-021	42.1	43.2	1.1	1	20.5	6.6	141	0.4	13.7	16.2	1069	4.83	156.3	0.1	0.6	0.6	29	0.6	0.9	0.1	34	0.44	0.037	5	10.7	0.76	62	0.001	1	2.18	0.028	0.15	0.2	0.01	5	0.29	5	0.5	0.1
KCS04001-022	43.2	44.2	1	1.1	7.5	12.8	128	0.4	28.1	9.1	3579	4.38	244.3	0.1	0.7	0.5	169	1.2	5.8	0.1	21	6.14	0.033	3	17.1	0.46	35	0.001	1	0.74	0.02	0.12	0.1	0.01	6.9	3.53	3	8.2	0.2
KCS04001-023	44.2	45.6	1.4	1.8	17.3	9.7	48	2.1	79.4	19.1	1828	3.48	132.6	0.1	1	0.7	74	0.2	6.1	0.1	24	3.04	0.066	3	35.6	0.29	50	0.001	1	0.99	0.032	0.16	0.3	0.01	4.5	1.85	3	3.2	0.1
KCS04001-024	45.6	46.5	0.9	0.3	7.8	21.9	129	0.5	6	6.9	1699	3.42	19.6	0.1	4.7	0.6	131	0.6	0.6	0.1	15	2.98	0.116	5	1	0.91	62	0.001	1	1.39	0.041	0.19	0.1	0.01	1.8	0.27	3	0.5	0.1
KCS04001-025	46.5	47.1	0.6000000	1.5	3.5	12.8	58	0.3	1.7	5.7	748	3.98	29.1	0.1	5	0.6	33	0.1	1.2	0.1	20	1.06	0.139	4	1.2	1	69	0.001	1	1.89	0.045	0.15	0.1	0.01	1.7	0.99	6	3.3	0.1
KCS04001-026	47.1	47.8	0.7	0.8	3.5	34.8	174	0.4	1.5	7	1812	3.6	33.4	0.1	5.6	0.6	114	0.8	1.4	0.1	15	2.87	0.13	5	1	1.07	84	0.001	1	1.86	0.045	0.23	0.1	0.01	1.9	0.49	6	1.6	0.1
KCS04001-027	47.8	48.7	0.9000000	0.8	10.1	6.6	96	0.3	1.2	7.3	1572	3.5	15.9	0.1	1.4	0.7	122	0.3	0.3	0.1	14	2.89	0.121	7	1	0.81	94	0.001	1	1.32	0.056	0.2	0.1	0.01	1.8	0.1	3	0.5	0.1
KCS04001-028	48.7	49	0.3	3.1	24.5	14.9	91	0.8	1.5	5	1194	2.83	43.9	0.1	9.9	1.1	88	0.4	0.5	0.2	7	2.1	0.098	7	1	0.56	69	0.001	1	1.36	0.055	0.21	0.1	0.01	1.1	0.51	3	0.5	0.1
KCS04001-029	50.8	51.6	0.8000000	1.7	5.1	20	157	0.3	4.1	3	1120	2.62	31.9	0.2	1.3	1.3	82	0.8	0.7	0.1	2	1.98	0.076	8	1.2	0.43	79	0.001	1	1.36	0.056	0.18	0.1	0.01	0.9	0.41	3	0.5	0.1
KCS04001-030	53.2	53.8	0.6	1.8	43.4	6.2	115	0.3	74.2	17	1022	4.44	108.6	0.1	0.7	0.9	34	0.4	2.4	0.1	36	0.44	0.037	11	38.4	0.95	63	0.001	1	2.13	0.043	0.14	0.1	0.01	4.5	0.13	5	1.1	0.1
KCS04001-031	57.5	57.9	0.4	1.6	26.4	3.2	95	0.1	69.8	16.7	1595	4.53	90.3	0.1	0.5	0.8	106	0.4	1.4	0.1	38	5.19	0.046	9	32.1	0.61	46	0.001	1	1.56	0.032	0.07	0.1	0.01	4.6	0.07	5	0.8	0.1
KCS04001-032	58.2	58.7	0.5	0.8	37.2	3.9	77	0.2	75.5	18.8	1181	4.29	80.2	0.1	0.5	0.9	95	0.2	0.8	0.1	39	1.66	0.063	7	30.9	0.89	51	0.001	2	1.91	0.05	0.12	0.1	0.01	4.9	0.22	5	0.5	0.1
KCS04001-033	61	61.4	0.4	0.9	46	3.1	99	0.1	57.9	19.5	641	3.7	67.7	0.1	1.6	1.4	57	0.2	1.1	0.1	30	0.76	0.095	13	24.5	0.82	43	0.001	1	1.81	0.038	0.08	0.1	0.01	3.6	0.08	4	0.5	0.1
KCS04001-034	71.9	72.9	1	2.1	189.6	22.2	111	0.2	35.5	26.9	1345	5.95	18.6	0.3	1.1	1.2	175	0.5	0.4	0.1	136	3.71	0.124	11	19.5	1.69	96	0.012	1	3.11	0.092	0.11	0.1	0.01	8.2	0.23	9	0.5	0.1
KCS04001-035	72.9	73.5	0.6	1	132.8	7.4	88	0.1	27.2	24.4	1184	5.8	7.2	0.2	0.7	1.1	128	0.3	0.4	0.1	136	3.47	0.135	10	18.1	1.8	95	0.008	1	3.26	0.068	0.1	0.1	0.01	8.2	0.15	10	0.5	0.1
KCS04001-036	75	75.5	0.5	0.8	28.6	4.3	67	0.1	65.6	16.3	2516	2.39	7.4	0.1	0.8	1	153	0.2	0.4	0.1	58	6.6	0.058	6	42.1	0.95	404	0.047	1	2.13	0.08	0.05	0.1	0.01	4	0.06	5	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04001	103	165	-60	501515	6072849	1364	COMPLETE	02/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04001-037	75.5	76.8	1.3	1.4	35.6	4.4	89	0.1	89.2	21.3	1491	4.27	11.7	0.1	0.5	1.3	119	0.2	0.7	0.1	61	3.74	0.059	9	64.6	1.23	50	0.006	1	2.24	0.023	0.09	0.1	0.01	4.9	0.13	7	0.5	0.1
KCS04001-038	76.8	78.4	1.6	1	32.1	7.5	102	0.1	44.2	17.2	1766	5.19	8.9	0.1	0.5	1.1	81	0.2	0.4	0.1	75	2.42	0.222	7	39.6	1.43	107	0.017	1	3.42	0.117	0.08	0.1	0.01	8	0.1	9	0.5	0.1
KCS04001-039	78.7	84.8	6.1	0.7	38.9	2.6	106	0.1	36.7	16.3	832	5.31	43.7	0.1	0.7	0.9	17	0.2	0.4	0.1	58	0.25	0.053	9	23.5	1.37	45	0.001	1	2.67	0.039	0.09	0.1	0.01	8.1	0.05	8	0.5	0.1
KCS04001-040	84.8	85.4	0.6000000	1.4	38.7	4.4	106	0.2	97.7	24.7	640	5.71	53.1	0.2	0.5	1.7	18	0.2	0.6	0.1	80	0.23	0.076	13	92.8	1.37	56	0.011	1	2.87	0.046	0.11	0.6	0.01	6.1	0.05	9	0.5	0.1
KCS04001-041	85.4	86.2	0.8	0.6	45.7	4.8	110	0.1	72	21	909	5.51	18.3	0.2	0.5	1.3	16	0.3	0.3	0.1	81	0.24	0.089	10	71.1	1.25	43	0.011	1	2.78	0.039	0.09	0.1	0.01	6.8	0.08	9	0.5	0.1
KCS04001-042	88.4	89.6	1.2	1.6	47.4	4.6	91	0.3	19.8	13.8	378	3.75	20.4	0.1	0.5	0.7	11	0.2	1.7	0.1	34	0.06	0.013	6	14.4	0.86	41	0.001	1	1.8	0.042	0.08	0.1	0.01	4.9	0.3	5	1	0.1
KCS04001-043	90.1	90.4	0.3000000	0.5	35.7	5	100	0.1	24.1	13.4	1925	6.05	3.3	0.1	0.5	0.7	92	0.1	2.5	0.1	55	4.33	0.105	3	26.6	1.12	46	0.023	1	2.72	0.013	0.03	0.1	0.02	6.3	0.85	6	0.5	0.1
KCS04001-044	93.3	93.6	0.3	1.1	34.1	21.7	114	0.1	31.7	14.1	2610	5.9	34.4	0.1	0.6	0.4	239	0.4	0.7	0.1	39	6.51	0.039	3	22	1.36	21	0.001	1	1.79	0.029	0.04	0.1	0.01	5.5	0.51	5	0.8	0.1
KCS04001-045	97	97.4	0.4000000	1.2	41	8.1	77	0.1	92.5	19.4	927	3.13	11.7	0.1	0.5	1.2	84	0.5	0.2	0.1	55	2.6	0.036	6	80.4	0.93	45	0.006	1	1.84	0.038	0.09	0.1	0.01	4.8	0.11	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04002	111.9	165	-45	501515	6072849	1364	COMPLETE	05/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04002-001	25.2	25.9	0.7	0.9	25.3	43.8	229	0.4	17.4	21.6	894	5.07	1107	0.1	0.5	0.6	16	1.1	0.9	0.1	39	0.23	0.057	4	8.6	0.45	32	0.001	1	1.69	0.02	0.07	0.1	0.01	6.5	0.05	5	0.5	0.1
KCS04002-002	25.9	26.4	0.5	1.2	46.2	5.9	195	0.3	17.8	16.4	576	5.28	281.9	0.1	0.5	0.6	16	1.1	1	0.1	37	0.15	0.051	7	13.7	0.78	52	0.001	1	2.17	0.038	0.12	0.1	0.01	4.3	0.05	6	0.5	0.1
KCS04002-003	27.7	28.5	0.8000000	1	53.2	216.8	775	1.5	52.3	18.7	1923	4.47	229	0.1	0.5	0.8	85	4.8	1.2	0.2	31	2.01	0.18	7	20.5	0.88	32	0.001	1	1.87	0.02	0.09	0.1	0.01	4.4	0.13	4	0.5	0.1
KCS04002-004	28.5	29	0.5	1.2	44.2	34.6	606	0.8	48.1	25.9	895	4.71	361.1	0.1	0.5	1.2	22	2.7	1	0.1	31	0.28	0.081	13	14.7	0.4	53	0.001	2	1.84	0.032	0.15	0.1	0.01	5.3	0.05	5	0.5	0.1
KCS04002-005	29	29.5	0.5	1.1	59.2	54.7	1206	1.2	31	24.9	1881	5.3	2988	0.1	3.4	0.6	29	3.8	2.6	0.1	32	0.24	0.053	8	7.4	0.4	55	0.001	1	1.57	0.018	0.1	0.1	0.02	5.4	0.09	4	0.5	0.1
KCS04002-006	29.5	29.8	0.3	2.9	32.9	10000	10000	100	9	5.7	64	14.8	10000	0.1	16310	0.1	19	530.7	215	5.2	8	0.03	0.011	1	13.4	0.07	11	0.001	1	0.25	0.006	0.03	0.2	1.26	1.2	10	2	11.6	0.1
KCS04002-007	29.8	30.2	0.4	1.2	54.9	180.3	1479	1.7	55.8	16.5	681	6.88	6839	0.1	1	1	31	47.3	5.1	0.1	38	0.22	0.095	8	19.1	0.97	49	0.001	1	2.37	0.022	0.12	0.1	0.05	5	0.44	6	0.6	0.1
KCS04002-008	30.2	31.1	0.9000000	0.9	47	113.4	314	1	47.6	14.1	707	5.97	1058	0.1	0.5	1.5	21	7.4	1.1	0.1	40	0.23	0.094	15	33.5	1.2	50	0.001	2	2.73	0.03	0.12	0.1	0.01	4.3	0.05	7	0.5	0.1
KCS04002-009	31.1	31.5	0.4	0.4	46.4	7.1	890	0.2	40.5	21.8	1802	7	347	0.1	0.5	0.5	12	9.4	1.4	0.1	31	0.15	0.064	7	12.3	1.26	41	0.001	1	2.83	0.038	0.1	0.1	0.01	5	0.19	8	0.5	0.1
KCS04002-010	35.7	36.1	0.4	0.5	22.3	20.7	177	0.3	23.8	22	798	3.95	207	0.1	2.6	0.4	18	0.4	0.5	0.1	17	0.31	0.059	7	9	0.84	39	0.001	1	2.01	0.032	0.09	0.1	0.01	2.9	0.08	5	0.5	0.1
KCS04002-011	36.5	37.4	0.9	1.1	39.9	7.4	356	0.4	7.5	13.1	1176	4.12	230.5	0.1	0.7	0.7	45	0.6	0.5	0.1	28	1.16	0.133	8	1.3	0.83	57	0.001	1	1.96	0.051	0.12	0.1	0.01	2.8	0.17	4	0.5	0.1
KCS04002-012	37.4	37.9	0.5	0.2	44.9	11.9	285	0.4	4.5	11.3	972	4.4	107.4	0.1	2.9	0.9	64	0.3	0.3	0.1	49	1.17	0.139	9	2.3	1.06	80	0.001	2	2.27	0.061	0.13	0.1	0.01	3.2	0.12	6	0.5	0.1
KCS04002-013	37.9	38.3	0.4	0.2	16.6	17.7	233	0.4	3.3	11.8	1905	4.37	58.6	0.1	1.1	0.6	141	0.9	0.2	0.1	30	3.84	0.118	8	1.1	1.08	54	0.001	1	2.03	0.045	0.11	0.1	0.01	3.2	0.13	4	0.5	0.1
KCS04002-014	38.3	38.8	0.5	0.8	213.4	58.5	144	5.5	18.5	29.7	2184	8.88	243.3	0.1	24.4	0.4	138	0.5	1.5	5	33	4.22	0.136	3	8.8	0.85	48	0.001	2	1.49	0.049	0.11	0.2	0.01	6.8	3.41	4	1.5	0.1
KCS04002-015	38.8	40.1	1.3	0.4	45.1	4	146	0.7	17.1	17.3	654	4.28	153.9	0.1	1.5	0.5	20	0.3	1	0.1	22	0.32	0.046	9	7.5	0.61	45	0.001	1	1.67	0.034	0.1	0.1	0.01	4.4	0.05	4	0.5	0.1
KCS04002-016	40.1	41.1	1	0.7	23.9	8.5	367	0.6	14.8	12.3	1234	5.09	345.3	0.1	0.5	0.5	28	0.6	1.1	0.1	28	0.89	0.087	8	9.6	0.72	50	0.001	1	1.82	0.041	0.09	0.1	0.01	5.9	0.06	5	0.5	0.1
KCS04002-017	43	43.4	0.4	0.6	76.2	4.3	254	0.7	6.2	12.2	986	4.67	188.4	0.1	2.7	0.8	60	0.2	1	0.2	73	1.51	0.158	6	4.4	1.03	78	0.004	1	2.22	0.083	0.14	0.2	0.01	4.1	0.32	7	0.5	0.1
KCS04002-018	43.4	44.8	1.4	0.5	69.9	8.5	202	0.5	5.6	11.5	1089	4.44	185.1	0.1	8.7	0.9	62	0.3	1	2	76	1.46	0.192	6	4.2	1.13	263	0.016	2	2.64	0.075	0.12	0.2	0.01	4.2	0.23	9	0.5	0.1
KCS04002-019	44.8	45.1	0.3000000	0.2	24.7	6.3	107	0.1	2.6	12.1	1389	4.79	8.9	0.1	1.5	0.7	127	0.1	0.3	0.2	96	2.34	0.203	4	3.7	1.24	655	0.09	1	3.04	0.175	0.03	0.2	0.01	4.9	0.38	10	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KCS04003-001	8.9	9.6	0.7	0.6	27	3	86	0.1	9.9	16.3	1718	4.51	10.5	0.1	0.5	0.6	100	0.2	0.1	0.1	53	4.59	0.079	6	12.3	0.75	37	0.002	1	2.16	0.048	0.07	0.1	0.01	7.2	0.05	8	0.5	0.1
KCS04003-002	9.6	10.2	0.6	0.6	19.4	5.4	58	0.1	6.2	13.6	2573	4.21	7.8	0.1	0.5	0.4	199	0.1	0.2	0.1	47	13.71	0.073	4	8.4	0.66	29	0.002	3	1.79	0.039	0.05	0.1	0.01	6.5	0.18	5	0.5	0.1
KCS04003-003	10.2	10.7	0.5	0.6	35.9	3.1	85	0.1	19.2	17.5	1703	4.22	13.5	0.1	0.5	0.6	110	0.1	0.4	0.1	45	4.94	0.042	5	16.3	0.89	45	0.002	1	2.27	0.043	0.09	0.1	0.01	4.9	0.05	7	0.5	0.1
KCS04003-004	10.7	11.8	1.1	0.5	24.2	3	107	0.1	17.5	17	630	4.57	8.8	0.1	0.5	0.5	22	0.1	0.2	0.1	44	0.42	0.052	7	19.4	1.07	37	0.001	1	2.52	0.065	0.09	0.1	0.01	4.6	0.05	8	0.5	0.1
KCS04003-005	11.8	12.8	1	0.7	29.8	3.5	111	0.1	21.9	18.1	771	4.97	7	0.1	0.5	0.7	18	0.1	0.3	0.1	52	0.17	0.048	9	21	1.15	44	0.002	1	2.68	0.058	0.09	0.1	0.01	4.8	0.05	9	0.5	0.1
KCS04003-006	12.8	14.1	1.3	0.7	25.6	4.3	88	0.1	13	15.2	794	5.07	10.6	0.1	0.5	0.7	23	0.1	1	0.1	48	0.37	0.141	9	14.6	0.83	46	0.001	1	2.31	0.049	0.09	0.2	0.01	6.9	0.05	9	0.5	0.1
KCS04003-007	15.4	16.2	0.8	0.8	33.1	4.2	112	0.1	17.2	19.8	804	5.77	2.9	0.1	0.5	0.5	15	0.1	0.3	0.1	64	0.2	0.033	7	18.7	1.32	41	0.002	1	2.89	0.039	0.08	0.1	0.01	7.7	0.05	9	0.5	0.1
KCS04003-008	16.2	17.4	1.2	1.1	34.1	3.2	78	0.2	63	20.7	695	3.92	11.2	0.1	0.5	0.7	17	0.1	1.8	0.1	47	0.34	0.04	6	51.8	0.76	43	0.001	1	1.87	0.031	0.1	0.4	0.02	4.3	0.05	6	0.5	0.1
KCS04003-009	19.7	20.5	0.8000000	0.8	21	63.9	144	0.2	64.8	16	1543	3.5	100.2	0.1	0.5	0.8	219	1.2	1	0.1	29	5.95	0.108	7	24.4	0.68	60	0.001	1	0.98	0.038	0.11	0.2	0.01	4.7	0.09	3	0.5	0.1
KCS04003-010	37.7	38	0.3	0.9	26.6	4.7	89	0.2	81.3	17.3	1121	3.23	113.8	0.1	0.6	1	54	0.3	1	0.1	26	1.66	0.04	9	36.8	0.66	48	0.001	1	1.55	0.042	0.09	0.1	0.01	3.2	0.06	4	0.5	0.1
KCS04003-011	38	38.8	0.8	0.9	33.4	3	91	0.2	94.4	19.7	721	4.14	90	0.1	0.5	0.9	42	0.2	0.9	0.1	41	0.97	0.048	8	57.5	0.81	47	0.001	1	2.04	0.042	0.09	0.1	0.01	4	0.06	6	0.5	0.1
KCS04003-012	43.5	43.9	0.4	0.8	25.6	6.8	129	0.1	20	20.1	2965	3.52	25.4	0.1	11.2	0.4	24	0.6	0.9	0.1	27	0.36	0.038	5	7.6	0.96	38	0.001	1	1.85	0.059	0.07	0.1	0.01	3.8	0.05	7	0.5	0.1
KCS04003-013	44.8	45.3	0.5	0.9	41.4	6.1	107	0.2	28.8	24	783	3.51	36.7	0.1	0.5	0.9	23	0.5	0.6	0.2	34	0.21	0.06	9	15.3	0.7	49	0.001	1	1.85	0.077	0.11	0.3	0.01	4	0.05	6	0.5	0.1
KCS04003-014	45.3	46.1	0.8000000	1	35.6	1.9	111	0.1	63.3	20.6	624	5.11	13.8	0.1	0.5	1.2	19	0.2	0.2	0.1	59	0.19	0.087	13	43.7	1.16	45	0.002	1	2.69	0.064	0.09	0.1	0.01	5.2	0.05	9	0.5	0.1
KCS04003-015	46.1	46.6	0.5	2.1	44.2	7.8	123	0.2	62.8	21.3	443	3.88	39.5	0.1	0.5	0.9	21	0.3	1.3	0.1	51	0.11	0.037	7	33.2	0.81	50	0.001	1	2.03	0.081	0.09	0.1	0.01	4.7	0.42	7	1.6	0.1
KCS04003-016	46.6	47.3	0.7	1.6	26	3.3	127	0.1	59.8	21.6	637	4.89	26.3	0.1	0.5	0.7	20	0.4	0.3	0.1	51	0.06	0.018	11	31.3	0.95	57	0.001	1	2.49	0.081	0.11	0.1	0.01	4.7	0.05	8	0.5	0.1
KCS04003-017	47.3	47.8	0.5	1.5	41.2	3.2	74	0.1	46.1	16	280	2.19	38.6	0.1	0.5	0.7	27	0.4	0.7	0.1	20	0.03	0.008	10	12.5	0.43	74	0.001	1	1.48	0.112	0.13	0.1	0.01	3	0.05	4	0.5	0.1
KCS04003-018	47.8	48.3	0.5	1.3	50.1	6.5	86	0.2	47.9	10.4	273	2.31	37.3	0.1	0.5	0.6	22	0.6	1.4	0.1	16	0.03	0.006	8	11.3	0.43	68	0.001	1	1.39	0.089	0.13	0.1	0.01	3	0.17	4	0.6	0.1
KCS04003-019	48.3	48.7	0.4000000	1.1	34.8	3.8	75	0.1	37.6	9.5	264	2.31	30.2	0.1	0.5	0.6	20	0.5	0.8	0.1	17	0.03	0.007	11	11.7	0.44	71	0.001	1	1.39	0.077	0.14	0.1	0.01	2.8	0.05	4	0.5	0.1
KCS04003-020	48.7	49.4	0.7	2.1	38.3	6.4	92	0.3	40	12.5	306	3.75	84.4	0.1	0.5	1	18	0.4	2	0.2	33	0.05	0.021	9	15.2	0.4	52	0.001	1	1.57	0.072	0.1	0.1	0.01	5	0.43	5	0.6	0.1
KCS04003-021	49.4	50	0.6000000	1.9	40.1	1.8	125	0.3	58.9	22.8	426	3.85	51.6	0.1	0.5	0.7	20	0.5	0.5	0.1	44	0.07	0.022	13	26.5	0.77	58	0.001	1	2.07	0.078	0.12	0.1	0.01	3.9	0.05	6	0.5	0.1
KCS04003-022	50	50.7	0.7000000	0.9	23.5	4.4	66	0.4	34	20.8	1217	3.97	76.9	0.1	0.5	0.9	19	0.2	3.9	0.1	34	0.11	0.039	6	15.3	0.62	61	0.001	1	1.66	0.065	0.12	0.1	0.01	4.3	0.78	5	0.9	0.1
KCS04003-023	54.6	55	0.4	1.8	47.1	6.7	75	0.5	48.9	13.6	411	2.72	105.4	0.1	0.5	1.4	17	0.2	1.3	0.1	25	0.11	0.02	11	21.6	0.42	63	0.001	1	1.42	0.059	0.15	0.1	0.01	4.3	0.2	4	0.6	0.1
KCS04003-024	55	55.4	0.4	3.5	71.9	4	73	0.7	63.9	11.9	541	4.71	106.2	0.2	0.5	1.9	15	0.3	2.2	0.1	47	0.1	0.053	15	52.9	0.8	60	0.001	1	2.2	0.051	0.13	0.1	0.01	5.4	0.06	6	0.5	0.1
KCS04003-025	55.4	56.3	0.9	2.5	39.3	3.8	85	0.4	85	30.6	838	3.82	112.3	0.1	0.5	1.5	16	0.3	2.2	0.2	39	0.11	0.021	12	30.3	0.76	77	0.001	1	1.84	0.047	0.13	0.1	0.01	4.2	0.16	5	0.5	0.1
KCS04003-026	56.3	57.3	1	0.9	58	2.9	66	0.5	98.4	27.5	1038	4.49	102.8	0.1	0.5	1.3	20	0.1	1.3	0.1	45	0.14	0.019	11	43.3	0.9	86	0.001	1	2.2	0.054	0.16	0.1	0.01	5	0.1	6	0.5	0.1
KCS04003-027	57.3	57.9	0.6000000	1.2	23.7	3.8	86	0.2	86.4	29.4	967	4.09	83.5	0.1	0.5	1.2	30	0.3	1.3	0.1	40	0.34	0.011	10	35	0.82	101	0.001	1	2.05	0.059	0.17	0.1	0.01	4.4	0.13	5	0.5	0.1
KCS04003-028	57.9	58.8	0.9	0.9	168.9	3.1	90	0.5	44.4	36.9	2740	8.01	52.7	0.5	0.5	1.6	124	0.2	0.8	0.1	198	2.95	0.134	7	54.1	2.26	52	0.004	1	4.03	0.055	0.1	0.1	0.01	15	0.21	11	0.5	0.1
KCS04003-029	58.8	59	0.2000000	1	32.6	3.2	146	0.2	85.8	21.5	1135	4.01	73.9	0.1	0.5	1	74	0.4	1.9	0.1	43	1.42	0.045	8	43.3	0.97	92	0.001	1	2.11	0.064	0.15	0.1	0.01	4.9	0.24	5	0.5	0.1
KCS04003-030	59.3	59.6	0.3000000	2.3	28.7	5.5	103	0.1	110	26.1	999	4.07	102.5	0.1	0.5	1	99	0.2	1.6	0.1	43	1.46	0.031	10	54.2	1.01	80	0.001	1	2.1	0.055	0.12	0.1	0.01	4.1	0.05	5	0.5	0.1
KCS04003-031	60.4	61.3	0.9	1	20.1	3.5	88	0.1	107	22.3	830	3.96	99	0.1	0.5	1.1	86	0.2	1.7	0.1	51	1.15	0.053	11	73.6	1.05	63	0.001	1	2.07	0.05	0.1	0.1	0.01	4.9	0.05	5	0.5	0.1
KCS04003-032	61.3	61.7	0.4000000	1.5	98.8	14.5	100	0.1	105	23.8	1280	4.44	104.5	0.1	0.5	0.9	96	0.4	1.8	0.1	47	1.79	0.048	7	69.6	1.14	54	0.001	1	2.12	0.047	0.1	0.1	0.01	4.6	0.08	5	0.5	0.1
KCS04003-033	62.4	62.8	0.4	1.2	17.7	4.2	72	0.2	90	18.8	1430	3.56	98.5	0.1	0.7	0.8	74	0.1	3	0.1	43	2.14	0.081	4	57.4	1.02	40	0.001	1	1.75	0.041	0.08	0.1	0.01	4.5	0.39	5	0.5	0.1
KCS04003-034	62.8	63.8	1	1.8	32.5	5	96	0.4	117	23	729	3.62	121.2	0.1	0.5	0.9	26	0.3	1.2	0.1	40	0.65	0.045	7	64	0.88	51	0.002	1	1.82	0.038	0.1	1	0.01	3.3	0.06	5	0.5	0.1
KCS04003-035	63.8	65.2	1.4	1.1	24.9	7.1	99	0.5	107	21.5	860	4.03	123	0.1	0.5	0.8	34	0.4	1.2	0.1	51	0.78	0.043	6	70	1.08	45	0.001	1	2.03	0.035	0.09	0.1	0.01	3.7	0.11	6	0.5	0.1
KCS04003-036	65.2	66.8	1.6	2.3	30.8	3.2	98	0.7	109	20.5	820	5.07	137.9	0.1	0.5	1.1	38	0.3	1.4	0.1	49	0.81	0.054	7	70.2	1.23	49	0.001	1	2.34	0.04	0.09	0.8	0.01	5.2	0.12	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04003	86	165	-80	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04003-037	66.8	67.6	0.8	1.4	166.1	4.4	60	0.6	50.9	13.6	411	3.46	71.9	0.1	0.5	0.7	22	0.2	2.1	0.1	27	0.21	0.025	4	25.4	1.39	52	0.001	1	1.75	0.052	0.11	0.1	0.01	4.3	0.51	6	0.5	0.1
KCS04003-038	67.6	68.3	0.7000000	1.4	26.6	1.8	33	0.2	15.8	12.7	177	1.53	31.1	0.1	1.1	0.7	25	0.1	0.9	0.1	14	0.1	0.005	7	7	0.32	77	0.001	1	1	0.068	0.17	0.6	0.01	3.1	0.16	2	0.5	0.1
KCS04003-039	68.3	68.8	0.5	0.8	26.8	1.9	70	0.3	13.7	17.5	771	3.93	40.1	0.1	0.7	0.5	31	0.1	0.7	0.1	35	0.77	0.013	4	8.4	0.78	47	0.001	1	1.77	0.044	0.12	0.1	0.01	4.9	0.27	4	0.5	0.1
KCS04003-040	68.8	69.1	0.3	1.2	12.7	3.4	85	0.1	13	15.2	1379	3.41	22.5	0.1	0.6	0.4	89	0.2	1.2	0.1	40	2.89	0.047	3	11.5	1.04	32	0.001	1	1.8	0.036	0.08	0.8	0.01	5.2	0.36	6	0.5	0.1
KCS04003-041	69.1	69.8	0.7000000	0.8	22.2	2.9	77	0.2	21	22.1	557	3.51	68	0.1	1.1	0.8	32	0.2	1.8	0.1	32	0.39	0.026	8	9.7	0.65	73	0.001	1	1.66	0.06	0.17	0.1	0.01	4.7	0.3	4	0.5	0.1
KCS04003-042	69.8	70.3	0.5	1.1	73.6	21.3	151	0.5	81.2	19.8	744	4.32	115.4	0.1	0.8	1.2	42	0.8	2.3	0.1	42	0.67	0.041	10	38.9	0.98	58	0.001	1	2.03	0.038	0.14	0.5	0.01	4.4	0.24	5	0.5	0.1
KCS04003-043	70.3	70.8	0.5	1.2	37.5	4.3	118	0.4	88.5	20.7	733	4.85	105.6	0.1	0.5	1	27	0.4	2.6	0.1	48	0.57	0.055	6	52.8	1.24	50	0.001	1	2.17	0.04	0.12	0.1	0.01	4.6	0.34	6	0.5	0.1
KCS04003-044	70.8	71.3	0.5	1	70.5	6.2	96	0.9	89.7	22.4	654	6.22	309.1	0.1	3	0.9	27	0.3	4.3	0.4	47	0.48	0.087	4	53.7	0.91	43	0.001	1	2.08	0.038	0.11	0.9	0.01	4.4	1.75	6	2.6	0.1
KCS04003-045	71.3	72.1	0.8	1.1	33.4	2.7	115	0.4	63.8	24.9	771	4.37	94.4	0.1	0.5	0.9	35	0.4	2.9	0.1	36	0.64	0.041	7	31	0.87	56	0.001	1	1.93	0.048	0.15	0.1	0.01	4	0.39	5	0.5	0.1
KCS04003-046	72.1	72.7	0.6000000	0.7	38.3	2.1	76	0.3	24.4	19.2	589	3.37	46.3	0.1	0.5	0.7	27	0.3	1.2	0.1	25	0.28	0.02	8	10	0.53	64	0.001	1	1.53	0.055	0.17	0.4	0.01	3.7	0.17	4	0.5	0.1
KCS04003-047	72.7	73.1	0.4	0.3	33.5	3.7	94	0.4	12.7	13.5	961	5.38	23.7	0.1	0.5	0.5	30	0.2	1.9	0.1	39	0.58	0.063	4	9.3	0.8	54	0.001	1	2.17	0.054	0.14	0.1	0.01	5.9	0.39	6	0.5	0.1
KCS04003-048	73.1	74.4	1.3000000	1.2	26.3	4	99	0.4	11.3	16.7	2050	4.51	33.3	0.1	0.5	0.5	76	0.2	1	0.1	32	2.28	0.066	4	9.6	0.78	47	0.001	1	1.34	0.044	0.11	0.7	0.01	5.2	0.23	3	0.5	0.1
KCS04003-049	74.4	75	0.6	0.8	42.9	11.5	53	0.3	24.8	18	1079	3.71	93.3	0.1	0.8	0.5	63	0.3	1.5	0.1	33	1.61	0.067	2	6.9	1.57	53	0.001	1	1.86	0.04	0.16	0.3	0.01	6.5	0.78	5	0.6	0.1
KCS04003-050	75	75.3	0.3	1.7	18.7	13.3	68	0.4	42.4	18.4	1174	4.7	76.9	0.2	2.9	0.9	49	0.2	1.3	0.1	45	1.33	0.115	6	61.7	2.31	48	0.001	1	2.47	0.024	0.15	0.6	0.01	6.7	0.56	8	0.5	0.1
KCS04003-051	75.3	76.2	0.9000000	1.3	51.6	8.9	77	0.4	37.6	22.3	347	3.81	115.2	0.1	0.5	1.1	25	0.3	2.2	0.2	29	0.3	0.09	6	15	1.1	69	0.001	1	1.77	0.051	0.16	0.5	0.01	4.2	0.72	5	0.5	0.1
KCS04003-052	76.2	77	0.8	0.5	38.9	6.1	110	0.1	22.6	16.9	872	5.37	8.6	0.1	0.5	0.7	28	0.2	0.3	0.1	61	0.59	0.059	8	21.5	1.4	64	0.005	1	2.81	0.058	0.13	0.1	0.01	6.7	0.05	9	0.5	0.1
KCS04003-053	77	77.6	0.6	1.1	26.4	5.3	84	0.3	16.1	17.1	904	5.32	39	0.1	0.5	0.5	25	0.2	0.9	0.1	36	0.51	0.053	4	14.2	1.37	49	0.001	1	2.12	0.04	0.12	0.7	0.01	5	0.59	7	0.5	0.1
KCS04003-054	77.6	78	0.4000000	0.4	18.7	7.8	79	0.5	9.6	14.3	1076	4.52	26.7	0.1	0.5	0.5	36	0.2	0.9	0.1	44	0.91	0.053	6	12.2	0.98	42	0.001	1	1.96	0.037	0.1	0.1	0.01	5.6	0.18	5	0.5	0.1
KCS04003-055	78	78.7	0.7000000	1	36	5.7	126	0.3	28.5	21.1	686	4.96	54.7	0.1	0.5	0.8	22	0.3	1.3	0.1	34	0.23	0.051	6	14.7	0.91	61	0.001	1	1.76	0.048	0.14	0.4	0.01	4.3	1	6	0.9	0.1
KCS04003-056	80.5	81.1	0.6	1	35.3	2.4	72	0.3	68.8	19.1	847	4.81	95	0.1	0.5	0.8	68	0.2	2	0.1	54	1.65	0.086	7	52.8	1.07	58	0.001	1	2.29	0.039	0.13	0.1	0.01	4.6	0.19	6	0.5	0.1
KCS04003-057	81.1	81.8	0.7000000	1.7	26.9	3.1	37	0.3	61.4	16.9	1844	4.27	111.8	0.1	0.5	0.8	187	0.1	1.1	0.1	47	4.2	0.163	7	37.7	1.45	45	0.001	1	2.06	0.029	0.1	1	0.01	5.4	0.16	5	0.5	0.1
KCS04003-058	81.8	82.3	0.5	2.2	27.7	3.6	75	0.7	61.4	19	1861	3.65	88.4	0.1	0.5	0.7	81	0.3	6.1	0.1	37	3.56	0.055	3	30	0.98	47	0.001	1	1.7	0.038	0.1	0.1	0.01	3.6	1.11	6	3.5	0.3
KCS04003-059	82.3	83.8	1.5	1.1	23.5	3.3	86	0.1	20.2	15.7	568	4.34	24.3	0.1	0.5	0.5	33	0.2	0.8	0.1	38	0.55	0.014	6	13.8	1.01	58	0.002	1	2.23	0.06	0.12	0.6	0.01	4.6	0.14	6	0.5	0.1
KCS04003-060	83.8	84.1	0.3	0.6	161.2	6.5	100	1.2	18	13.7	1025	4.58	195.9	0.1	0.5	0.5	49	0.7	2.3	0.2	32	1.16	0.069	2	9.9	0.99	64	0.001	1	1.88	0.057	0.15	0.2	0.01	5.1	1.31	4	1.1	0.1
KCS04003-061	84.1	84.5	0.4000000	1.1	13.1	3.8	71	0.1	9.9	14.6	1204	3.71	15.4	0.1	0.5	0.5	74	0.1	0.4	0.1	48	2.94	0.032	6	12.4	1.05	33	0.002	1	2.12	0.049	0.08	0.6	0.01	7	0.08	6	0.5	0.1
KCS04003-062	84.5	86	1.5	1	48.3	4.4	108	0.5	26.8	20.2	664	4.89	144.1	0.1	0.5	0.7	26	0.4	1.7	0.1	42	0.47	0.061	5	14.5	1.09	58	0.001	1	2.09	0.045	0.14	0.1	0.02	5	0.49	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04004	60.1	195	-45	501515	6072849	1364	COMPLETE	07/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04004-001	15.7	16	0.3	0.6	19.3	3.4	70	0.1	8.5	12	3397	3.36	10.5	0.1	1.4	0.4	625	0.2	0.4	0.1	28	13.42	0.027	2	8.9	0.59	85	0.002	1	1.57	0.052	0.1	0.1	0.01	4.4	0.25	5	0.5	0.1
KCS04004-002	17.4	17.9	0.5	0.9	29.5	4.8	87	0.1	10.6	18.5	2677	6.75	13.8	0.1	0.5	0.6	111	0.3	1.6	0.1	65	5.6	0.342	5	11.8	0.56	41	0.003	1	2.05	0.079	0.07	0.1	0.04	10.4	2.41	7	0.8	0.1
KCS04004-003	17.9	18.6	0.7000000	0.8	16.9	3.4	74	0.1	8.9	17.2	2713	4.29	6.9	0.1	0.5	0.5	146	0.1	0.2	0.1	54	8.13	0.058	4	10.1	0.68	36	0.002	1	1.55	0.074	0.07	0.1	0.01	8.2	0.07	5	0.5	0.1
KCS04004-004	18.6	19.2	0.6	0.8	15.9	5.4	67	0.1	6.9	16	2925	5.19	5.2	0.1	0.5	0.6	171	0.2	0.2	0.1	54	9.73	0.103	5	8.6	0.81	37	0.003	1	1.84	0.061	0.07	0.1	0.01	7.8	0.05	5	0.5	0.1
KCS04004-005	19.2	19.7	0.5	1.1	25.9	5.5	80	0.1	9.1	18.6	1768	3.33	11.4	0.1	0.5	0.5	75	0.2	0.7	0.1	43	3.43	0.039	3	9.8	0.51	51	0.002	1	1.33	0.09	0.09	0.1	0.02	6.3	0.53	4	0.5	0.1
KCS04004-006	19.7	20	0.3	0.7	20	4.9	87	0.1	9.9	16.4	1808	3.34	9.2	0.1	3.7	0.4	70	0.3	0.8	0.1	41	3.49	0.033	3	9.1	0.53	38	0.001	1	1.32	0.081	0.1	0.1	0.01	6.1	0.69	4	0.5	0.1
KCS04004-007	28.6	29.4	0.8	1.3	37	7.7	176	0.5	84.5	20.9	1028	4.97	162.1	0.1	0.5	1	18	1.1	1.1	0.1	44	0.29	0.052	7	54.4	0.92	56	0.001	2	2.23	0.041	0.14	0.1	0.01	4.9	0.2	6	0.6	0.1
KCS04004-008	29.4	30.3	0.9000000	2.5	30.4	4	100	0.4	73.8	22.5	569	3.85	137.8	0.1	0.5	0.9	20	0.3	0.7	0.1	29	0.12	0.014	11	30.1	0.51	68	0.001	2	1.54	0.064	0.17	0.1	0.01	3.5	0.06	4	0.6	0.1
KCS04004-009	30.3	30.8	0.5	1.1	31.9	5	89	0.6	33.9	14.3	128	2.37	80.4	0.1	0.5	0.8	16	0.5	1.5	0.1	15	0.05	0.005	8	5.4	0.14	65	0.001	1	1.06	0.054	0.16	0.1	0.01	2.7	0.06	2	1.4	0.1
KCS04004-010	32	32.4	0.4	0.8	33.8	3.1	85	0.5	23.7	6.7	83	2.57	87.3	0.1	0.5	0.9	17	0.3	0.7	0.1	26	0.03	0.017	11	9	0.2	69	0.001	1	1.29	0.068	0.16	0.1	0.01	2.6	0.05	3	0.5	0.1
KCS04004-011	33.9	34.4	0.5	1.6	40.1	11.4	179	0.7	41.6	18.4	454	2.94	412.5	0.1	0.8	0.7	15	0.9	2.6	0.1	19	0.04	0.008	4	8.6	0.32	95	0.001	1	1.28	0.048	0.19	0.2	0.01	3.5	0.63	4	0.9	0.1
KCS04004-012	34.4	35	0.6000000	0.5	37.8	199	420	1.1	8.7	6.5	211	2.27	571.2	0.1	0.5	0.5	14	7	1.1	0.1	13	0.05	0.017	3	2.6	0.35	72	0.001	1	1.14	0.037	0.2	0.1	0.01	2.5	0.2	2	0.7	0.1
KCS04004-013	35	35.6	0.6000000	2	33.2	15600	11400	69.1	6.6	3.1	213	2.67	12800	0.1	56.4	0.4	24	301.2	47.6	1.7	11	0.2	0.047	1	6.4	0.25	44	0.001	3	0.67	0.025	0.13	0.4	0.24	1.8	1.7	2	1.8	0.1
KCS04004-014	35.6	36.2	0.6000000	0.3	35.1	74	1955	0.8	13.9	18.3	1651	6.75	3144	0.1	15.3	0.8	70	16.5	4.3	0.1	19	1.94	0.195	4	1.4	0.77	70	0.001	2	1.71	0.041	0.23	0.4	0.02	2.5	3.39	5	1.7	0.1
KCS04004-015	36.2	36.9	0.7	0.4	22.5	31.5	386	0.5	7.9	14	1094	4.54	2271	0.1	10.8	0.8	56	7.5	4.1	0.1	18	1.39	0.184	5	1.3	0.88	77	0.001	1	1.81	0.041	0.22	0.3	0.03	2	1.73	5	2.8	0.2
KCS04004-016	36.9	37.4	0.5	0.1	20.3	6.4	150	0.3	2.8	11.3	1953	4.2	331.5	0.1	5.4	0.7	99	0.8	2.7	0.1	17	3.77	0.176	4	1	0.59	67	0.001	1	1.55	0.043	0.19	0.1	0.02	1.9	1.69	4	0.8	0.1
KCS04004-017	37.4	38	0.6000000	0.2	23	8.8	215	0.5	2.3	9.5	2304	4.86	145.9	0.1	12.9	0.6	174	0.5	3.4	0.1	17	4.53	0.145	4	1.3	0.79	64	0.001	1	1.77	0.044	0.17	0.1	0.01	2.1	1.79	5	4	0.1
KCS04004-018	38	38.4	0.4	0.5	22.1	8.8	304	0.4	2.7	13.2	1872	3.72	481.8	0.1	7	1.1	59	0.5	3	0.1	19	1.26	0.183	7	1.4	0.81	83	0.001	1	1.9	0.055	0.21	0.1	0.01	2.4	0.33	6	2.2	0.2
KCS04004-019	38.4	38.7	0.3000000	0.3	21	7.5	181	0.4	2.5	10.3	1958	4.18	120.5	0.1	8	0.8	155	0.4	1.4	0.1	18	3.74	0.173	6	1	0.88	83	0.001	1	1.34	0.058	0.2	0.1	0.01	2.3	0.14	3	0.7	0.1
KCS04004-020	38.7	39.6	0.9	0.2	29.6	6.7	269	0.5	3.8	13.7	1767	4.82	45.9	0.1	1.1	0.7	173	0.6	1	0.1	21	4.88	0.149	6	1.2	1.12	77	0.001	2	1.07	0.055	0.19	0.1	0.01	2.8	0.05	2	0.6	0.1
KCS04004-021	39.6	40	0.4	0.2	32.3	32.7	318	0.5	3.4	7.9	1650	4.24	123.8	0.1	3.8	1.1	176	0.7	1	0.1	11	5.14	0.106	10	1	0.96	76	0.001	1	0.73	0.063	0.19	0.1	0.01	1.9	0.05	1	0.6	0.1
KCS04004-022	41.1	41.6	0.5	0.2	34.9	17.8	101	0.5	2	10.3	1774	4.62	65.2	0.1	2.5	0.5	272	0.2	1.3	0.3	15	6.28	0.172	5	1.3	1.06	110	0.001	1	0.91	0.065	0.19	0.1	0.01	2.2	0.29	2	0.8	0.1
KCS04004-023	42.8	43.5	0.7000000	0.8	68.4	49.4	256	0.8	1.5	7.5	1621	3.85	32	0.1	3.4	0.9	162	3.1	0.8	0.1	13	4.63	0.115	6	1	0.99	83	0.001	1	0.92	0.06	0.19	0.1	0.01	1.7	0.19	2	0.5	0.1
KCS04004-024	43.5	44.1	0.6000000	1.7	74.8	8.3	83	2.4	5.6	14.6	1869	5.73	79.9	0.1	1.4	0.8	271	0.2	2.8	0.1	49	6.18	0.121	5	1.6	1.43	56	0.001	1	1.66	0.041	0.13	0.1	0.01	4.5	0.14	4	0.5	0.1
KCS04004-025	47.6	48.4	0.8	0.3	77	19.5	135	1.1	9.1	21.3	1923	6.03	607	0.1	2.5	1	176	0.4	1.8	0.1	117	5.08	0.141	6	6.5	1.21	158	0.038	3	2.24	0.104	0.22	0.2	0.01	8	0.17	7	0.7	0.1
KCS04004-026	48.4	49.1	0.7000000	0.2	75	8.4	95	0.3	8	21.5	1432	5.95	10.7	0.2	1.4	1.3	215	0.1	0.7	0.1	190	4.97	0.154	7	9.1	1.78	144	0.036	2	3.17	0.145	0.13	0.1	0.01	10.7	0.28	12	0.5	0.1
KCS04004-027	49.1	50.1	1	3.6	59.5	13.6	108	0.5	2.5	11.2	1403	4.6	50.4	0.2	0.7	1.1	138	0.2	0.4	0.1	69	3.49	0.158	9	3.4	1.01	151	0.007	2	2.18	0.075	0.16	0.1	0.01	3.6	0.27	7	0.5	0.1
KCS04004-028	50.1	51.1	1	0.8	39	25.6	126	0.4	3.9	9.8	1550	4.46	91.6	0.1	4.1	0.9	107	0.3	0.8	0.1	48	3.54	0.141	8	2.6	1.05	98	0.001	1	2.24	0.051	0.18	0.1	0.01	3.2	0.24	6	0.5	0.1
KCS04004-029	51.1	51.9	0.8	1	28.9	3.7	93	0.2	27.4	9.7	834	5.88	70.3	0.1	0.5	1.3	34	0.1	0.4	0.1	51	0.65	0.099	14	29.4	1.05	106	0.003	1	2.7	0.038	0.18	0.1	0.01	4.6	0.05	7	0.5	0.1
KCS04004-030	51.9	52.8	0.9	1.9	18.4	23.5	91	0.2	21.1	17.2	1462	3.37	280.7	0.1	4.6	1	35	0.3	1.6	0.1	4	0.82	0.073	6	2.7	0.21	103	0.001	3	0.95	0.048	0.19	0.1	0.01	0.9	1.37	2	0.8	0.1
KCS04004-031	52.8	53.4	0.6000000	1.5	12.9	12.1	53	0.2	4.8	4	1614	2.71	94.2	0.1	4.9	1.1	79	0.2	0.6	0.2	3	2.74	0.074	6	1	0.36	107	0.001	1	0.81	0.051	0.21	0.1	0.01	0.8	0.69	2	0.6	0.1
KCS04004-032	53.4	53.8	0.4	2.1	16.8	3.7	67	0.1	1.2	2.2	1649	2.33	42.3	0.2	0.5	1.2	99	0.2	0.4	0.1	3	3.19	0.07	11	1	0.53	106	0.001	1	0.65	0.051	0.19	0.1	0.01	0.7	0.15	2	0.5	0.1
KCS04004-033	56.6	56.8	0.2	0.3	19.8	8	68	0.1	0.1	7.3	1477	2.92	1814	0.1	29.2	0.5	266	0.2	1.4	0.1	19	5.7	0.14	8	1	0.57	123	0.002	1	1.53	0.044	0.22	0.1	0.01	1.4	0.46	4	0.5	0.1
KCS04004-034	58.6	59	0.4	0.5	2.8	2.8	77	0.1	0.7	6.3	1823	3.56	50	0.1	0.7	0.8	261	0.1	0.5	0.1	11	6.21	0.116	8	1	0.62	128	0.001	2	1	0.047	0.21	0.1	0.01	1.5	0.05	2	0.5	0.1
KCS04004-035	59	60.1	1.1	1.1	6.3	4.5	90	0.1	1.6	7.7	1378	3.7	683.2	0.1	3.8	0.8	140	0.2	0.6	0.1	23	3.75	0.134	8	1	0.72	130	0.002	1	1.75	0.051	0.22	0.1	0.01	1.6	0.16	4	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04005-001	3	3.9	0.9	1.2	19.2	2.7	96	0.1	51.8	20.3	694	4.44	25.9	0.1	0.8	0.5	13	0.1	0.1	0.1	41	0.17	0.029	7	36.8	1.13	57	0.001	1	2.36	0.048	0.1	0.1	0.01	4.4	0.05	7	0.5	0.1
KCS04005-002	3.9	5.1	1.2	0.6	28.3	1.9	103	0.1	14.3	15.3	708	4.99	4.5	0.1	0.5	0.6	14	0.1	0.1	0.1	49	0.12	0.039	8	18.8	1.3	48	0.002	1	2.69	0.063	0.12	0.1	0.01	5.5	0.05	7	0.5	0.1
KCS04005-003	5.1	6.6	1.5	0.8	23.1	3.2	95	0.3	24.8	13.6	749	4.44	7.1	0.1	0.5	0.6	13	0.1	0.6	0.1	38	0.1	0.032	7	18.8	1.07	48	0.001	1	2.38	0.054	0.1	0.1	0.01	4	0.05	7	0.5	0.1
KCS04005-004	6.6	8.1	1.5	1	35.4	2.7	113	0.1	82.1	19.5	1730	7.43	10.9	0.1	0.5	1.2	13	0.2	0.3	0.1	74	0.13	0.058	9	72.3	1.58	57	0.003	1	3.5	0.049	0.12	0.1	0.01	6.9	0.05	10	0.5	0.1
KCS04005-005	8.1	9.5	1.4	1	40.2	2.6	104	0.1	61.5	18.6	946	5.64	9.4	0.1	0.5	1.1	14	0.2	0.3	0.1	56	0.07	0.032	11	45.6	1.23	61	0.002	1	2.88	0.056	0.13	0.1	0.01	5.2	0.05	8	0.5	0.1
KCS04005-006	9.5	10.7	1.2	0.6	26.6	1.6	110	0.1	14.7	17	905	5.36	3.5	0.1	0.5	0.5	14	0.2	0.1	0.1	48	0.07	0.027	7	15.4	1.12	48	0.002	1	2.73	0.06	0.11	0.1	0.01	5.6	0.05	7	0.5	0.1
KCS04005-007	10.7	11.9	1.2	1	26.1	2.9	97	0.1	14.6	15.9	676	4.54	11.2	0.1	0.5	0.5	19	0.3	0.4	0.1	46	0.72	0.03	6	14.1	1.07	42	0.001	1	2.39	0.045	0.1	0.1	0.01	4.7	0.05	7	0.5	0.1
KCS04005-008	11.9	12.5	0.6	0.2	23.6	2	92	0.1	17.9	15.1	489	4.71	10.9	0.1	0.5	0.4	16	0.1	0.1	0.1	43	0.16	0.044	7	17.7	1.09	40	0.001	1	2.57	0.082	0.1	0.1	0.01	4.4	0.05	7	0.5	0.1
KCS04005-009	12.5	13.5	1	0.5	26.3	1.7	89	0.2	22.3	14.3	565	5.04	5.6	0.1	0.5	0.5	15	0.1	0.1	0.1	48	0.13	0.047	8	23.4	1.23	45	0.001	1	2.7	0.073	0.1	0.2	0.01	4.4	0.05	7	0.5	0.1
KCS04005-010	13.5	14.3	0.8000000	1.2	31	2.5	109	0.1	26.8	19.8	740	5.02	11.4	0.1	0.5	0.9	19	0.1	0.2	0.1	67	0.17	0.059	10	22.3	1.21	58	0.002	1	2.73	0.087	0.11	0.1	0.01	4.7	0.05	8	0.5	0.1
KCS04005-011	14.3	14.6	0.3	0.6	30.8	2.3	127	0.1	18.9	22.8	1075	5.62	4.6	0.1	0.5	0.5	13	0.1	0.2	0.1	49	0.09	0.026	7	15.9	1.14	57	0.002	1	2.83	0.055	0.11	0.1	0.01	5.5	0.05	8	0.5	0.1
KCS04005-012	14.6	15.8	1.2	0.6	26.9	1.9	111	0.1	16.7	17.9	1097	6.59	6.5	0.1	0.5	0.7	16	0.1	0.3	0.1	61	0.21	0.051	7	18	1.11	55	0.002	1	3.06	0.062	0.1	0.1	0.01	8.5	0.05	9	0.5	0.1
KCS04005-013	15.8	17.1	1.3	0.7	43.5	4.7	96	0.1	13.3	18.3	1151	5.22	5.5	0.1	0.5	0.6	23	0.1	0.3	0.1	47	0.47	0.036	6	15.6	0.94	66	0.002	1	2.59	0.06	0.12	0.1	0.01	5.9	0.05	7	0.5	0.1
KCS04005-014	17.1	17.7	0.6	0.8	67.4	2.4	112	0.2	12.1	19	1297	6.79	3.6	0.1	0.5	0.6	26	0.1	0.2	0.1	67	0.6	0.054	7	16.3	1.18	50	0.002	1	3.16	0.063	0.11	0.1	0.01	8.9	0.05	9	0.5	0.1
KCS04005-015	17.7	18.5	0.8000000	0.4	32.6	2.6	101	0.1	13.5	16	775	5.46	5.5	0.1	0.5	0.7	16	0.1	0.2	0.1	47	0.18	0.039	9	15.6	1.01	53	0.002	1	2.67	0.058	0.11	0.1	0.01	5.6	0.05	8	0.5	0.1
KCS04005-016	18.5	20	1.5	0.9	33.1	3	98	0.1	13.8	17	942	5.02	5.3	0.1	0.5	0.6	29	0.1	0.1	0.1	52	0.53	0.037	7	16.1	1.05	57	0.002	1	2.57	0.072	0.11	0.1	0.01	6.8	0.05	8	0.5	0.1
KCS04005-017	20	21.2	1.2	0.6	33.4	3.6	103	0.1	17.5	17.5	862	4.66	5	0.1	0.5	0.5	33	0.1	0.1	0.1	50	1.15	0.033	6	13.8	1.11	52	0.002	1	2.34	0.067	0.1	0.1	0.01	6	0.05	7	0.5	0.1
KCS04005-018	21.2	21.4	0.2	0.6	35.1	3.1	78	0.1	17.4	14.4	2614	4.36	10.4	0.1	0.5	0.5	163	0.3	0.2	0.1	33	6.39	0.037	4	8.1	0.73	41	0.001	1	1.37	0.087	0.07	0.1	0.01	6.8	0.05	4	0.5	0.1
KCS04005-019	21.4	21.7	0.3	0.6	20.2	4	67	0.1	20.9	15	2647	4.94	8	0.1	0.5	0.5	156	0.3	0.4	0.1	52	8.71	0.193	5	11.1	0.72	44	0.003	1	1.95	0.065	0.07	0.1	0.01	8.7	0.11	5	0.5	0.1
KCS04005-020	21.7	22	0.3	1.2	46.4	6.2	92	0.1	93.3	24.5	1240	5.82	17.9	0.1	0.5	1	73	0.2	0.8	0.1	102	2.65	0.07	6	90.3	1.04	35	0.002	1	2.55	0.055	0.05	0.1	0.01	9.2	0.05	8	0.5	0.1
KCS04005-021	22	22.7	0.7	1	37.2	3.1	95	0.1	106	19.2	666	4.65	9.3	0.1	0.5	1.1	21	0.1	0.2	0.1	53	0.96	0.057	8	86	1.14	53	0.002	1	2.47	0.041	0.11	0.1	0.01	4.2	0.05	7	0.5	0.1
KCS04005-022	22.7	24.2	1.5	1.1	46.9	3.5	102	0.1	120	22	492	5.11	9.4	0.1	0.5	0.9	15	0.2	0.2	0.1	60	0.35	0.044	8	82.1	1.31	53	0.002	1	2.62	0.038	0.11	0.1	0.01	4.8	0.05	7	0.5	0.1
KCS04005-023	24.2	24.5	0.3	1.1	41.5	3	96	0.1	124	22.1	504	4.15	12	0.1	0.5	0.8	26	0.3	0.2	0.1	51	0.99	0.045	8	83.6	1.04	50	0.001	1	2.2	0.047	0.1	0.1	0.01	3.9	0.05	7	0.5	0.1
KCS04005-024	24.5	25.5	1	1.3	28.4	3.6	78	0.1	99.4	19.7	766	3.66	10.8	0.1	0.5	0.9	78	0.2	0.2	0.1	52	2.54	0.044	7	68.5	0.95	100	0.008	1	2.1	0.076	0.09	0.1	0.01	4.7	0.05	6	0.5	0.1
KCS04005-025	25.5	26	0.5	0.5	21.2	3	54	0.1	70.7	14.1	1398	2.97	3.5	0.1	0.5	1	172	0.2	0.1	0.1	54	9.58	0.04	5	58.4	0.8	97	0.034	1	2.15	0.118	0.05	0.1	0.01	5.2	0.05	5	0.5	0.1
KCS04005-026	26	26.8	0.8000000	0.6	38.6	5.2	47	0.1	62.6	12.8	1722	3.51	3.3	0.1	0.5	1	188	0.2	0.4	0.1	44	14.02	0.057	5	45.9	0.74	66	0.008	1	1.73	0.049	0.07	0.1	0.01	5.1	0.11	5	0.7	0.1
KCS04005-027	26.8	27.7	0.9	1.3	23.7	3	64	0.1	73.8	17.7	627	2.85	18.5	0.1	0.5	0.8	101	0.2	0.9	0.1	33	3.78	0.04	7	41.5	0.62	60	0.002	1	1.28	0.043	0.12	0.1	0.01	3.4	0.05	3	0.5	0.1
KCS04005-028	27.7	28	0.3	0.7	22.9	2.5	60	0.1	78.1	16.8	612	2.99	100.8	0.1	1.5	0.7	103	0.2	0.9	0.1	18	3.01	0.039	5	22.3	0.77	53	0.001	1	0.74	0.041	0.11	0.1	0.01	2.3	0.05	2	0.5	0.1
KCS04005-029	28	28.7	0.7	0.9	27.3	5.1	80	0.1	94.9	20.5	752	3.39	68	0.1	0.5	0.9	120	0.3	0.6	0.1	37	2.7	0.046	8	46.6	0.65	52	0.001	1	1.45	0.044	0.11	0.1	0.01	4.3	0.05	4	0.5	0.1
KCS04005-030	28.7	29.2	0.5	0.9	21.9	4.8	69	0.2	74.8	16.8	1525	3.22	82.2	0.1	0.5	0.9	214	0.3	0.7	0.1	28	5.69	0.04	6	27.4	0.51	41	0.001	1	1.23	0.043	0.1	0.1	0.01	4.6	0.05	2	0.5	0.1
KCS04005-031	29.2	30.6	1.4	0.6	25	3.7	65	0.2	71.9	16.4	1143	3.37	60.4	0.1	0.5	0.9	164	0.3	0.9	0.1	31	4.81	0.042	6	36.4	0.74	49	0.001	1	1.6	0.045	0.1	0.1	0.01	4.3	0.05	3	0.5	0.1
KCS04005-032	30.6	31.5	0.9	0.8	27.6	6	76	0.3	82.7	19.4	556	3.18	70.7	0.1	1.7	1	16	0.2	1	0.1	34	0.39	0.046	6	37.4	0.61	42	0.001	1	1.59	0.024	0.1	0.1	0.01	3.2	0.05	4	0.5	0.1
KCS04005-033	31.5	31.7	0.2	1.5	20.9	12.6	93	0.2	42.3	15.3	836	3.42	62.7	0.1	6.5	0.8	15	0.4	1.7	0.1	28	0.23	0.039	4	20.2	0.6	41	0.001	1	1.63	0.034	0.11	0.1	0.01	4.3	0.05	4	0.5	0.1
KCS04005-034	31.7	32.7	1	1	18.4	5.3	92	0.2	13.9	16.6	882	4.42	35.1	0.1	0.5	0.6	26	0.2	1.3	0.1	32	0.55	0.06	4	8.1	0.68	54	0.001	1	1.96	0.043	0.13	0.1	0.01	5.3	0.05	5	0.5	0.1
KCS04005-035	32.7	33.2	0.5	0.9	18.3	11.1	86	0.2	9.2	16.6	2288	4.44	25	0.1	0.5	0.6	166	0.2	0.2	0.1	33	4.12	0.143	6	7.7	0.68	55	0.001	1	1.87	0.052	0.11	0.1	0.01	6.6	0.05	4	0.5	0.1
KCS04005-036	33.2	34.3	1.1	1.3	13.8	3.5	77	0.1	9.7	19.3	1322	4.51	28.2	0.1	0.5	0.5	46	0.1	0.2	0.1	33	1.66	0.052	6	8.4	0.84	44	0.002	1	1.91	0.066	0.1	0.1	0.01	5.8	0.05	4	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KCS04005	50.9	195	-60	501515	6072849	1364	COMPLETE	09/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KCS04005-037	34.3	35.3	1	1.2	38.9	4.6	97	0.2	14.7	23.5	769	4.83	55.1	0.1	0.5	0.5	20	0.2	2	0.1	29	0.39	0.046	4	6.9	0.55	55	0.001	1	1.74	0.057	0.14	0.1	0.01	5.3	0.32	4	0.5	0.1
KCS04005-038	35.3	36	0.7000000	1	36	3.9	104	0.2	13.5	18.7	1433	4.27	59.3	0.1	0.5	0.6	43	0.2	1.4	0.1	25	1.63	0.058	6	6.2	0.52	49	0.001	1	1.16	0.059	0.13	0.1	0.01	5.5	0.05	3	0.5	0.1
KCS04005-039	36	36.9	0.9	1.2	18.2	12.7	116	0.3	12.1	18.6	2007	3.54	97.4	0.1	4.5	0.6	75	0.3	1.7	0.1	13	3.12	0.044	7	3.3	0.52	33	0.001	1	0.47	0.088	0.1	0.1	0.01	5.4	0.05	1	0.5	0.1
KCS04005-040	36.9	37.3	0.4	0.5	13.7	7.1	70	0.3	8.6	14.9	2478	3.84	30.2	0.1	0.5	0.4	206	0.2	1.6	0.1	10	6.01	0.033	5	1.6	0.99	30	0.001	2	0.44	0.064	0.09	0.1	0.01	5	0.05	1	0.5	0.1
KCS04005-041	37.3	37.8	0.5	1	52.6	6.8	95	0.3	22.7	22.1	1773	4.81	57.9	0.1	0.5	0.7	94	0.2	2.1	0.1	25	2.92	0.143	4	9	0.87	63	0.001	1	1.49	0.069	0.14	0.2	0.01	5.6	0.19	3	0.5	0.1
KCS04005-042	37.8	38.5	0.7000000	1.3	39.8	6	83	0.5	18.4	15.2	874	4.13	61.6	0.1	0.8	0.5	19	0.2	6	0.1	20	0.26	0.039	4	6.7	0.52	50	0.001	1	1.56	0.061	0.13	0.2	0.03	4.7	0.48	5	3.6	0.2
KCS04005-043	38.5	39.2	0.7000000	1	51	3.7	106	0.3	24	24	564	4.65	54.7	0.1	0.5	0.7	21	0.3	1.3	0.1	21	0.2	0.057	10	7.3	0.22	53	0.001	1	1.33	0.081	0.16	0.1	0.01	5.2	0.05	3	0.5	0.1
KCS04005-044	39.2	39.6	0.4	0.7	46.5	4.2	111	0.2	23.1	20.9	980	4.89	42.7	0.1	0.6	0.7	18	0.3	0.5	0.1	28	0.15	0.055	11	10.7	0.53	50	0.001	1	1.88	0.075	0.13	0.1	0.01	5	0.05	4	0.5	0.1
KCS04005-045	39.6	40.3	0.7	1.5	16.5	5.8	128	0.2	27.8	34.1	3541	6.28	58.1	0.1	1.3	0.5	29	0.3	1.4	0.1	44	0.57	0.085	4	9.9	0.76	56	0.001	3	2.21	0.072	0.11	0.1	0.01	7.8	0.28	5	0.5	0.1
KCS04005-046	40.3	41	0.7000000	1	16.5	4.1	109	0.1	21	25.8	4424	6.64	47.2	0.1	0.8	0.6	39	0.2	1.2	0.1	44	1.03	0.243	8	10.7	0.85	60	0.002	2	2.31	0.073	0.12	0.1	0.01	9.1	0.05	6	0.5	0.1
KCS04005-047	41	41.8	0.8	0.8	40.7	2.4	75	0.2	13.7	13.7	547	3.84	41.3	0.1	0.5	0.6	16	0.2	1	0.1	23	0.04	0.014	8	8.4	0.35	66	0.001	1	1.54	0.077	0.15	0.1	0.01	4.3	0.13	4	0.5	0.1
KCS04005-048	41.8	42.3	0.5	0.3	47.1	4.9	112	0.2	17.1	22.5	1982	8.72	30.2	0.1	0.6	0.5	15	0.1	0.6	0.1	54	0.13	0.048	6	14.2	1.13	54	0.002	1	3.75	0.06	0.12	0.1	0.01	10.8	0.05	9	0.5	0.1
KCS04005-049	42.3	42.8	0.5	1.1	36	4.4	93	0.2	19.2	25.5	1049	4.37	48.5	0.1	0.7	0.5	16	0.2	0.9	0.1	25	0.07	0.022	6	8.4	0.63	68	0.001	1	2.02	0.068	0.16	0.1	0.01	4.7	0.13	5	0.5	0.1
KCS04005-050	42.8	44.1	1.3	0.9	46.4	5.1	94	0.4	14.1	17.6	1043	4.88	47	0.1	0.5	0.6	16	0.2	1	0.1	31	0.1	0.033	8	10.4	0.76	74	0.001	1	2.33	0.062	0.18	0.1	0.01	5.7	0.05	5	0.5	0.1
KCS04005-051	44.1	44.8	0.7	0.7	36	3.1	99	0.3	14.2	18	961	4.8	35.7	0.1	0.5	0.7	14	0.2	0.9	0.1	31	0.12	0.053	9	10.2	0.87	66	0.001	1	2.38	0.051	0.17	0.1	0.01	5.5	0.05	5	0.5	0.1
KCS04005-052	44.8	45.9	1.1	1	45.7	4.3	143	0.4	15.2	21.8	1820	6.58	38.5	0.1	0.5	0.6	18	0.4	1.2	0.1	40	0.34	0.148	9	11.6	1.13	59	0.001	1	2.94	0.045	0.14	0.1	0.01	6.6	0.05	7	0.5	0.1
KCS04005-053	45.9	46.3	0.4	1.1	50.4	2.7	102	0.8	15.4	23.4	1229	6.44	43.8	0.1	0.5	0.6	14	0.1	0.9	0.1	41	0.19	0.081	7	12.6	0.97	62	0.002	1	2.85	0.04	0.14	0.1	0.01	6.7	0.05	7	0.5	0.1
KCS04005-054	46.3	46.7	0.4000000	1	44.2	6.7	101	0.6	14.8	19.3	1204	6.55	46.5	0.1	0.5	0.5	13	0.2	1.6	0.1	39	0.17	0.056	4	11.1	1.07	55	0.001	4	2.89	0.04	0.14	0.1	0.01	6	0.16	7	1.3	0.1
KCS04005-055	46.7	47.3	0.6	0.8	42.4	8.9	96	0.5	23.4	20.8	674	4.7	104	0.1	0.5	0.6	19	0.3	1.9	0.1	31	0.22	0.049	4	10.2	0.66	62	0.001	1	1.94	0.039	0.16	0.1	0.02	5.2	0.47	4	0.5	0.1
KCS04005-056	47.3	47.9	0.6000000	1.7	44.2	6.1	119	0.4	107	18.6	663	4.96	273.8	0.1	0.6	1	24	0.8	2.6	0.1	40	0.51	0.069	6	44.7	0.99	62	0.001	1	2.26	0.021	0.18	0.1	0.01	4.4	0.32	6	0.5	0.1
KCS04005-057	47.9	48.5	0.6000000	0.7	24.6	7.4	54	0.4	93.9	23.2	2010	3.64	163.1	0.1	0.5	1.1	162	0.3	2.1	0.1	30	3.74	0.095	5	18.4	1.11	63	0.001	1	1.91	0.024	0.15	0.2	0.01	4	0.41	5	0.9	0.1
KCS04005-058	48.5	48.8	0.3	1.5	39.2	11	98	0.7	108	21.9	1701	5	195.7	0.1	0.5	1	118	0.4	1.5	0.1	43	2.84	0.145	7	49.5	1.13	70	0.001	1	1.92	0.027	0.16	0.1	0.01	5.9	0.11	5	0.5	0.1
KCS04005-059	48.8	49.1	0.3000000	1.1	35.8	4.6	78	0.6	128	23.7	919	4.75	178.3	0.1	0.5	0.9	59	0.2	1.1	0.1	45	1.33	0.087	11	64.3	1.14	65	0.002	1	2.29	0.023	0.16	0.1	0.01	4.6	0.05	5	0.5	0.1
KCS04005-060	49.1	49.6	0.5	0.6	67.3	9.5	78	1.6	77.9	20.9	1500	4.23	132.3	0.1	0.5	0.8	133	0.3	1.8	0.1	37	3.18	0.092	6	31	1.58	72	0.001	1	1.64	0.05	0.18	0.1	0.01	4.9	0.12	3	0.5	0.1
KCS04005-061	49.6	50.3	0.7	1.6	61.6	5.8	88	0.8	98.2	28.2	1574	6.32	141.3	0.1	0.6	0.8	101	0.3	1.8	0.1	87	2.54	0.096	7	49.3	1.73	69	0.003	1	2.65	0.037	0.19	0.1	0.01	7.3	0.07	6	0.5	0.1
KCS04005-062	50.3	50.9	0.6000000	1.1	42.7	4.8	75	0.7	115	19.8	1973	4.27	177.5	0.1	0.5	1	146	0.3	2.1	0.1	34	3.52	0.071	9	45.5	1.55	90	0.001	5	1.47	0.045	0.18	0.1	0.01	5.5	0.05	3	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KCS04006-001	25.2	25.9	0.7	0.6	36.9	2.2	136	0.1	17.4	16.8	738	4.9	3.4	0.1	0.5	0.8	22	0.3	0.1	0.1	59	0.16	0.05	10	19.9	1.1	55	0.001	1	2.65	0.048	0.1	0.2	0.01	5.7	0.05	7	0.5	0.1
KCS04006-002	26.8	27.7	0.9	0.6	19.2	3.9	102	0.5	9.4	14.2	1654	5.03	5.3	0.1	0.5	0.7	33	0.2	0.3	0.1	59	0.66	0.21	9	6.7	1.09	62	0.001	1	2.85	0.071	0.09	1.1	0.01	3.5	0.05	8	0.5	0.1
KCS04006-003	27.7	28.2	0.5	0.7	14.2	2.8	95	0.1	6.5	13.1	1229	5.31	1.3	0.1	0.5	0.7	111	0.2	0.2	0.1	99	1.73	0.229	6	5.4	1.31	212	0.061	1	3.37	0.19	0.06	0.3	0.01	3.7	0.05	10	0.5	0.1
KCS04006-004	28.2	29.3	1.1	0.8	589	2.6	119	340	121	18.6	1070	6.62	8.8	0.1	0.9	1.6	37	0.2	0.4	0.1	66	0.49	0.095	13	38.3	1.06	73	0.003	1	3.21	0.041	0.1	100	0.01	5.8	0.05	9	0.5	0.1
KCS04006-005	29.3	29.8	0.5	0.6	14.2	5.7	108	0.2	6.5	14.2	1703	6.04	3.6	0.2	0.5	0.8	53	0.3	0.2	0.1	74	1.39	0.225	8	5	1.12	68	0.002	2	3.02	0.093	0.1	0.4	0.01	4.5	0.09	8	0.5	0.1
KCS04006-006	29.8	30.9	1.1	0.6	23.1	2	78	0.2	27.6	11.3	493	3.05	6.2	0.1	0.5	0.8	27	0.3	0.2	0.1	26	0.18	0.023	8	13.7	0.56	71	0.001	1	1.81	0.078	0.12	0.7	0.01	3.2	0.05	5	0.5	0.1
KCS04006-007	30.9	31.8	0.9000000	0.7	46.4	6.7	89	0.3	19	11.8	623	6	11.1	0.1	0.5	0.7	19	0.2	0.6	0.3	43	0.07	0.015	7	14	0.91	55	0.001	1	2.63	0.06	0.11	0.4	0.01	6.2	0.36	8	0.8	0.1
KCS04006-008	31.8	32.6	0.8000000	0.6	36.6	1.4	68	0.1	23.4	10.7	310	2.7	8.4	0.1	0.5	1	23	0.2	0.3	0.1	30	0.09	0.007	12	9.2	0.51	66	0.001	1	1.62	0.085	0.1	0.1	0.01	3.5	0.05	5	0.5	0.1
KCS04006-009	32.6	33.8	1.2	0.7	26.4	2.7	71	0.2	27	6.3	274	2.21	6.4	0.1	0.5	0.8	20	0.1	0.7	0.1	18	0.08	0.008	8	8.5	0.37	57	0.001	1	1.35	0.075	0.1	0.9	0.01	2.5	0.05	4	0.5	0.1
KCS04006-010	48.2	49	0.8	1.1	46.2	2.6	111	0.1	135	20.3	470	4.93	17.7	0.1	0.5	0.9	15	0.2	0.5	0.1	63	0.12	0.044	12	105.2	1.2	51	0.001	1	2.54	0.043	0.09	0.1	0.01	4.6	0.05	7	0.5	0.1
KCS04006-011	49	50	1	1	33.2	5	92	0.2	104	19.4	797	3.93	62.6	0.1	0.5	1	17	0.3	0.6	0.1	59	0.22	0.055	12	86.4	0.81	35	0.001	1	2.01	0.056	0.06	0.2	0.01	6.1	0.05	6	0.5	0.1
KCS04006-012	51.5	53	1.5	1.2	44.5	6.4	111	0.2	67.6	17.6	250	3.38	46	0.1	0.5	0.8	21	0.4	0.7	0.1	35	0.08	0.012	11	42.5	0.7	69	0.001	1	1.85	0.062	0.13	0.2	0.01	3.7	0.05	5	0.5	0.1
KCS04006-013	53	53.8	0.8	1.1	48.7	1.8	99	0.2	25	11.9	315	4.64	20	0.1	0.5	1	17	0.1	0.5	0.1	35	0.05	0.011	13	14.3	0.72	80	0.001	1	2.21	0.049	0.15	0.1	0.01	4.7	0.05	6	0.5	0.1
KCS04006-014	53.8	54.6	0.8000000	0.6	11.6	6.9	102	0.1	4.5	11.3	2038	5.38	11.3	0.1	0.5	0.7	36	0.4	0.7	0.1	39	1.44	0.225	7	1	0.53	69	0.001	1	2.16	0.085	0.15	0.1	0.01	3	0.05	5	0.5	0.1
KCS04006-015	54.6	55.8	1.2	0.7	9.5	13.5	141	0.3	9.3	13.6	2042	5.49	15.6	0.1	2.3	0.6	73	0.8	0.8	0.1	36	2.28	0.267	7	1	0.7	261	0.001	2	2.18	0.073	0.14	0.2	0.01	3	0.05	4	0.5	0.1
KCS04006-016	55.8	57.3	1.5	0.8	11.9	10.3	122	0.2	12.1	12.6	1708	4.96	30.4	0.1	0.5	0.6	125	0.8	0.6	0.1	30	2.66	0.241	8	1.2	1.03	72	0.001	2	2.4	0.051	0.16	0.3	0.01	2.9	0.08	5	0.5	0.1
KCS04006-017	57.3	60.4	3.1	1.1	40.4	10.5	171	0.5	51.7	12.4	584	3.84	140.2	0.1	0.5	1.4	23	0.7	1.4	0.1	32	0.29	0.085	14	32.1	0.82	63	0.001	1	1.94	0.034	0.16	0.2	0.01	4.1	0.05	4	0.5	0.1
KCS04006-018	60.4	60.7	0.3000000	1.3	27.2	5.7	109	0.2	101	20.1	599	4.46	21.2	0.1	0.5	2.2	18	0.4	0.8	0.1	61	0.21	0.073	13	75.5	1.4	62	0.005	1	2.41	0.033	0.13	0.5	0.01	4.4	0.05	7	0.5	0.1
KCS04006-019	60.7	61.2	0.5	1.2	26.7	7.3	101	0.1	111	22.1	799	4.8	8.7	0.1	0.5	2.1	15	0.2	0.3	0.1	77	0.2	0.076	13	90.3	1.57	57	0.01	1	2.54	0.032	0.12	0.1	0.01	5.2	0.05	7	0.5	0.1
KCS04006-020	61.2	61.6	0.4	1.7	42.6	4.5	91	0.2	121	23.1	951	5.64	13	0.2	0.5	2.4	19	0.1	0.3	0.1	87	0.19	0.09	16	108.7	1.99	75	0.01	2	2.88	0.044	0.14	0.1	0.01	7	0.05	8	0.5	0.1
KCS04006-021	61.9	62.4	0.5	1	47.7	5.9	114	0.1	106	22.7	1165	5.49	15.3	0.1	0.5	2.3	21	0.2	0.3	0.1	88	0.27	0.104	17	91.9	2.02	68	0.01	2	2.85	0.039	0.14	0.1	0.01	6.8	0.05	8	0.5	0.1
KCS04006-022	64.5	65.4	0.9000000	1.1	48.9	3.6	97	0.1	106	18.8	592	5.03	11.6	0.2	0.6	2.3	34	0.4	0.3	0.1	99	0.52	0.078	17	79	1.57	105	0.011	1	2.54	0.032	0.15	0.1	0.01	5.3	0.05	7	0.5	0.1
KCS04006-023	65.4	66.3	0.9	1.1	86.8	8.1	101	0.1	18.7	21.2	1393	5.31	10.1	0.2	1.9	1.3	90	0.5	0.2	0.1	90	1.96	0.155	11	4.2	1.76	67	0.002	1	2.98	0.053	0.13	0.1	0.01	6	0.05	7	0.5	0.1
KCS04006-024	66.3	67.2	0.9000000	0.9	124.6	4.7	85	0.1	15.4	23.1	1069	5.64	1.3	0.2	1.6	1	163	0.3	0.3	0.1	204	2.61	0.147	7	14.9	2.03	267	0.06	2	3.6	0.227	0.06	0.1	0.01	11	0.14	12	0.5	0.1
KCS04006-025	67.2	67.9	0.7000000	1	89.1	7.9	89	0.1	54.6	28.2	1378	5.23	20.5	0.1	1.5	1	117	0.3	0.5	0.1	99	2.72	0.111	8	34.2	1.61	74	0.003	1	2.67	0.061	0.12	0.1	0.01	6.4	0.1	7	0.5	0.1
KCS04006-026	67.9	68.3	0.4	0.5	38.6	3.8	81	0.1	105	20.2	725	5.13	89.4	0.1	0.5	1.3	36	0.2	0.8	0.1	69	0.61	0.073	11	88.3	1.33	58	0.001	1	2.63	0.025	0.11	0.1	0.01	5.1	0.05	6	0.5	0.1
KCS04006-027	68.3	69.2	0.9000000	0.7	37.3	4.2	88	0.4	82.8	14.4	1645	4.16	105.7	0.1	0.5	1.3	87	0.5	1.1	0.1	54	2.3	0.093	12	55.9	1.19	55	0.002	1	2.22	0.036	0.12	0.5	0.01	5	0.05	5	0.5	0.1
KCS04006-028	72.6	72.9	0.3000000	0.4	31.9	6.3	102	0.1	39	16	3146	7.04	1.9	0.1	0.5	0.8	219	0.1	0.3	0.1	91	4.34	0.261	5	34.1	1.78	74	0.016	2	3.53	0.1	0.07	0.1	0.01	10.5	0.09	10	0.6	0.1
KCS04006-029	73.8	74.2	0.4000000	0.8	34.1	4	97	0.1	50.3	15.9	2284	4.27	1.3	0.2	0.5	1.2	199	0.1	0.1	0.1	98	4.36	0.229	5	58.1	1.28	124	0.066	1	5.01	0.461	0.02	0.4	0.01	7	0.05	11	0.5	0.1
KCS04006-030	74.2	74.7	0.5	0.7	39	7.4	107	0.1	52.9	18	2143	4.59	1	0.2	0.5	1.3	84	0.3	0.1	0.1	75	3.18	0.192	10	50.6	1.3	51	0.004	1	2.32	0.128	0.1	0.1	0.01	8.6	0.05	7	0.5	0.1
KCS04006-031	80.4	80.8	0.4	0.3	35.2	3.3	105	0.1	19	17	636	5	1.7	0.1	0.5	0.9	29	0.2	0.2	0.1	88	0.66	0.033	7	26	1.31	67	0.018	1	2.57	0.053	0.12	0.1	0.01	6.9	0.05	7	0.5	0.1
KCS04006-032	80.8	81.5	0.7000000	0.4	36.7	2.8	118	0.1	22.5	15.3	420	5.03	4	0.1	0.6	0.9	13	0.2	0.2	0.1	87	0.15	0.026	7	26.2	1.36	57	0.016	1	2.45	0.043	0.11	0.1	0.01	6.9	0.05	8	0.5	0.1
KCS04006-033	81.5	81.9	0.4000000	0.8	59.5	22	125	0.2	37.8	19.9	3996	5.39	32.4	0.1	0.5	0.7	257	0.9	0.6	0.2	49	5.85	0.19	6	19.3	1.95	38	0.001	1	2.67	0.032	0.06	0.1	0.01	6.9	0.05	8	1	0.1
KCS04006-034	81.9	82.8	0.9	0.6	49.9	2.3	104	0.1	70.6	14.8	934	5.2	16.8	0.1	0.7	2	59	0.2	0.2	0.1	76	0.92	0.1	13	57.1	1.68	59	0.006	1	2.74	0.039	0.11	0.1	0.01	4.8	0.05	8	0.5	0.1
KCS04006-035	82.8	83.6	0.8	0.5	42.1	2	108	0.1	64.2	15	538	4.98	44.6	0.1	0.5	2	26	0.2	0.2	0.1	69	0.3	0.071	15	51.5	1.44	59	0.003	1	2.62	0.046	0.12	0.1	0.01	4.2	0.05	7	0.5	0.1
KCS04006-036	83.6	84	0.4000000	0.8	41.4	7.2	115	0.2	48.4	18.1	738	3.57	99.5	0.1	0.5	1.6	34	0.5	0.9	0.1	43	0.65	0.063	13	25.8	0.66	58	0.001	1	1.71	0.046	0.14	0.1	0.01	3.5	0.05	4	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KCS04006	92.1	165	-45	501837	6072962	1332	COMPLETE	15/09/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KCS04006-037	84	84.5	0.5	0.5	30.3	3.9	100	0.1	39	11.8	577	4.14	63.2	0.1	0.5	1.2	24	0.3	0.4	0.1	46	0.46	0.036	12	32.6	0.88	54	0.001	1	2.03	0.04	0.12	0.1	0.01	3.2	0.05	5	0.5	0.1
KCS04006-038	84.5	85.1	0.6	0.8	38.8	3.6	123	0.2	58.1	15.5	659	3.02	73.9	0.1	1.6	1.6	40	0.5	0.6	0.2	32	1.2	0.02	14	23.4	0.97	53	0.001	1	1.68	0.038	0.12	0.1	0.01	2.8	0.05	5	0.5	0.1
KCS04006-039	85.1	86.6	1.5	0.5	25.9	2.8	61	0.1	58.1	8	591	2.9	53.6	0.1	0.5	1.3	30	0.2	0.3	0.1	37	1.31	0.043	10	53	0.93	46	0.001	2	1.7	0.035	0.1	0.1	0.01	2.9	0.05	5	0.5	0.1
KCS04006-040	86.6	87.6	1	0.5	30.1	3.8	95	0.2	64.6	13.3	512	3.5	109.5	0.1	0.6	1.2	24	0.3	0.5	0.1	39	0.58	0.052	9	62.4	0.85	43	0.001	1	1.77	0.044	0.09	0.2	0.01	4.1	0.05	5	0.5	0.1
KCS04006-041	87.6	88.7	1.1	0.5	26.9	2.8	89	0.1	62.4	10.4	396	4.59	87.6	0.1	0.5	1.4	15	0.2	0.4	0.1	67	0.19	0.05	10	93	1.14	49	0.003	1	2.26	0.039	0.09	0.1	0.01	4.2	0.05	7	0.5	0.1
KCS04006-042	88.7	89.5	0.8	1	34.2	4.7	94	0.3	72.7	9.1	366	3.42	40.2	0.1	0.5	1.8	20	0.2	1.3	0.1	45	0.17	0.035	14	44.1	0.93	67	0.003	1	1.91	0.053	0.13	0.1	0.01	3.2	0.05	5	0.5	0.1
KCS04006-043	89.5	91.2	1.7	0.8	38.5	3.6	112	0.1	89.8	15.8	538	4.81	42.7	0.2	0.5	1.5	17	0.2	0.3	0.1	59	0.18	0.037	11	68.7	1.25	50	0.004	2	2.42	0.046	0.11	0.1	0.01	4.7	0.05	7	0.5	0.1
KCS04006-044	91.2	92.1	0.9	0.9	35.4	7.5	118	0.1	97.7	21	578	5.39	54.8	0.2	0.5	1.1	21	0.3	0.9	0.1	58	0.29	0.09	6	74.3	1.21	43	0.004	1	2.47	0.046	0.09	0.1	0.01	5	0.12	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04001-001	9.1	11	1.9	1	25.5	5.7	76	0.1	109	15.3	511	2.87	12.2	0.4	1.7	1.8	78	0.4	0.5	0.1	70	0.97	0.066	8	110.6	1.62	121	0.068	1	1.95	0.044	0.25	0.5	0.01	6.2	0.05	6	0.5	0.1
KKM04001-002	11	12.8	1.8	0.7	4.4	2.5	62	0.1	4.2	8.7	754	2.92	1	0.9	1	2.9	76	0.1	0.9	0.1	56	1.47	0.132	11	8.9	0.98	413	0.081	3	1.06	0.045	0.14	0.1	0.01	3.7	0.05	5	0.5	0.1
KKM04001-003	12.8	14	1.2	0.6	6.5	2.9	61	0.1	3.6	8.5	860	2.64	0.8	0.9	0.8	2.9	104	0.1	1.5	0.1	30	2.67	0.133	14	6	0.81	622	0.011	4	0.63	0.038	0.21	0.6	0.01	4	0.1	2	0.5	0.1
KKM04001-004	14	14.9	0.9	0.7	8.1	4.8	77	0.1	4.9	10.1	972	3.56	0.9	0.8	0.7	2.6	86	0.1	0.7	0.7	66	2.07	0.139	8	24.1	1.22	382	0.119	3	1.14	0.049	0.34	5.3	0.01	4.7	0.35	5	0.5	0.1
KKM04001-005	14.9	16.2	1.3	0.4	1.5	3.5	60	0.1	3.3	9.1	919	2.77	0.6	0.8	0.8	3.3	130	0.1	1.1	0.1	35	2.93	0.141	14	5.4	1.06	532	0.029	4	0.72	0.039	0.2	0.6	0.01	4.4	0.05	3	0.5	0.1
KKM04001-006	16.2	17.7	1.5	0.6	2.8	3.1	60	0.1	3.2	7.9	873	2.76	0.7	1.2	0.5	3.6	146	0.1	1.2	0.1	38	2.6	0.131	14	6.7	1.05	682	0.034	4	0.8	0.047	0.19	0.1	0.01	4.3	0.08	3	0.5	0.1
KKM04001-007	17.7	18.5	0.8000000	0.4	2.6	3	63	0.1	3.7	8.5	806	2.65	0.9	1.1	0.5	3.3	243	0.1	1.1	0.1	40	1.96	0.141	12	6.5	0.98	621	0.055	3	0.85	0.043	0.14	0.7	0.01	4.1	0.05	4	0.5	0.1
KKM04001-008	18.5	20	1.5	1	3.8	2.7	65	0.1	3.8	8.9	844	2.79	1.4	1.1	0.8	3.1	190	0.1	1	0.7	43	2.34	0.127	11	7.3	1	677	0.054	4	1.04	0.049	0.15	0.1	0.01	4.2	0.08	5	0.5	0.1
KKM04001-009	20	21.3	1.3	0.3	1.8	2.6	60	0.1	3.1	8.8	861	2.48	0.9	0.9	0.5	3.4	171	0.1	0.9	0.1	34	2.56	0.129	14	5.9	1.05	652	0.036	3	0.74	0.039	0.18	0.5	0.01	3.9	0.05	3	0.5	0.1
KKM04001-010	21.3	22.6	1.3	0.6	3.5	2.9	62	0.1	3	8.1	845	2.73	0.6	0.8	0.5	3.2	234	0.1	1.3	0.2	27	2.85	0.124	12	4.7	0.95	531	0.013	4	0.64	0.033	0.18	0.2	0.01	4	0.08	2	0.5	0.1
KKM04001-011	22.6	23.8	1.2	0.9	2.4	2.9	59	0.1	2.9	7.8	862	2.61	3.1	0.7	4.3	3	304	0.1	1.1	0.1	15	3.19	0.124	11	3.3	0.96	502	0.001	6	0.49	0.029	0.18	0.6	0.01	4.2	0.13	2	0.5	0.1
KKM04001-012	23.8	24.9	1.1	1.7	2.1	2.7	54	0.1	3	8.8	848	2.53	0.7	0.6	1.7	3.2	155	0.1	1.1	0.1	17	3.19	0.128	15	4.7	0.91	824	0.002	5	0.47	0.033	0.24	0.3	0.01	3.7	0.07	1	0.5	0.1
KKM04001-013	24.9	26	1.1	0.6	7.3	2.8	56	0.1	2.6	8.3	816	2.51	0.8	0.7	0.8	3.4	227	0.1	2.8	0.1	19	3.1	0.128	15	3.9	0.97	525	0.002	5	0.51	0.034	0.2	0.2	0.01	3.9	0.09	2	0.5	0.1
KKM04001-014	26	26.8	0.8000000	0.3	2	2.3	60	0.1	3.3	9.2	853	2.49	1.3	0.9	0.9	4.1	543	0.1	1.3	0.1	29	2.79	0.141	17	5.3	1.07	540	0.015	5	0.76	0.04	0.15	0.5	0.01	4.4	0.05	3	0.5	0.1
KKM04001-015	26.8	28.3	1.5	1.8	13.1	8	59	0.5	3.2	8.6	835	2.68	1.2	0.9	28.8	3.1	717	0.1	3.4	6.7	14	3.43	0.123	12	3.6	0.92	876	0.001	4	0.54	0.027	0.22	0.7	0.01	3	0.17	1	0.5	0.1
KKM04001-016	28.3	29	0.7	0.3	0.9	2.7	54	0.1	2.8	7.9	849	2.34	1	0.8	0.6	3.3	340	0.1	1.2	0.1	19	3.09	0.135	13	3.2	1	637	0.002	4	0.53	0.035	0.19	0.5	0.01	3.9	0.07	2	0.5	0.1
KKM04001-017	29	30.2	1.2	0.5	1.5	3.2	57	0.1	3	9.1	926	2.62	1.1	0.7	0.5	3.3	395	0.1	1.3	0.1	22	3.46	0.128	15	4.2	1.12	635	0.002	6	0.52	0.034	0.19	0.5	0.01	3.7	0.05	2	0.5	0.1
KKM04001-018	30.2	31.4	1.2	0.5	5.9	2.7	60	0.1	3.2	10	874	2.66	0.8	0.8	0.7	3.2	439	0.1	2	1.2	38	2.75	0.136	14	6	1.09	495	0.011	3	0.76	0.041	0.16	0.5	0.01	4.6	0.1	3	0.5	0.1
KKM04001-019	31.4	32.5	1.1	0.5	1.7	2.5	57	0.1	2.9	8.4	824	2.5	1	0.6	0.6	3.3	317	0.1	1.3	0.1	32	2.78	0.128	16	5.2	1.02	434	0.011	4	0.71	0.036	0.17	0.1	0.01	3.9	0.05	3	0.5	0.1
KKM04001-020	32.5	33.6	1.1	0.4	1	2.8	60	0.1	3.5	9	902	2.59	0.8	0.6	0.5	2.8	222	0.1	1.3	0.1	24	3.44	0.128	13	3.9	1.15	773	0.002	5	0.6	0.03	0.17	0.5	0.01	4.1	0.05	2	0.5	0.1
KKM04001-021	33.6	34.3	0.7	1	1.1	3.3	60	0.1	3.1	7.9	821	2.44	1	0.6	0.5	3	200	0.1	1.1	0.1	22	3.59	0.12	16	5	0.88	470	0.002	5	0.72	0.029	0.17	0.2	0.01	3.5	0.05	3	0.5	0.1
KKM04001-022	34.3	35.4	1.1	0.4	1.6	2.9	49	0.1	2.4	8.1	778	2.29	1	0.7	1	3.1	184	0.1	1.2	0.1	25	2.82	0.133	17	4.1	0.95	578	0.003	5	0.6	0.032	0.19	0.6	0.01	3.7	0.05	2	0.5	0.1
KKM04001-023	35.4	36.6	1.2	0.5	1.9	2.8	56	0.1	3.1	8	819	2.42	1	1.1	0.5	3	147	0.1	1.1	0.1	32	2.68	0.133	14	5.6	0.99	581	0.007	5	0.7	0.042	0.16	0.1	0.01	3.9	0.05	3	0.5	0.1
KKM04001-024	36.6	37.8	1.2	0.5	2.7	3.8	57	0.1	3.3	8.7	863	2.42	1	1.4	0.5	3.8	156	0.1	1.2	0.1	30	2.94	0.133	12	5.2	1.01	657	0.01	5	0.64	0.037	0.17	0.5	0.01	3.9	0.05	3	0.5	0.1
KKM04001-025	37.8	39	1.2	0.7	2.4	3	58	0.1	3.2	8.1	816	2.42	1.1	1.4	0.5	4.3	142	0.1	1.5	0.1	31	2.51	0.134	15	5.8	0.97	551	0.011	7	0.71	0.042	0.17	0.2	0.01	4	0.05	3	0.5	0.1
KKM04001-026	39	40	1	0.8	3.1	3.9	51	0.1	3	7.9	828	2.4	0.8	1.1	0.7	3.7	145	0.1	1.5	1.7	24	2.9	0.127	13	4.3	0.95	654	0.007	5	0.56	0.036	0.18	0.6	0.01	3.6	0.05	2	0.5	0.1
KKM04001-027	40	41.1	1.1	3.6	8.5	5.2	56	0.1	3.1	9.3	1012	2.74	0.9	1.3	3.1	3.8	123	0.1	2.5	5.4	16	3.58	0.136	11	3.3	1.07	511	0.002	6	0.49	0.034	0.24	3.4	0.01	3.4	0.35	1	0.5	0.1
KKM04001-028	41.1	42.1	1	1.6	2.8	3.4	62	0.1	3.5	8.8	775	2.58	1.3	1.3	0.9	3.4	370	0.1	0.8	1.3	48	1.96	0.129	11	7.3	0.99	668	0.061	4	0.97	0.05	0.13	1.1	0.01	3.6	0.05	5	0.5	0.1
KKM04001-029	42.1	43.4	1.3	1.4	3.7	3.4	61	0.1	3.1	8.9	841	2.66	1	1.1	0.8	3.5	148	0.1	1.5	0.8	39	2.56	0.121	15	6.6	1.01	711	0.017	4	0.76	0.039	0.14	0.6	0.01	3.9	0.08	3	0.5	0.1
KKM04001-030	43.4	44.6	1.2	1	4.6	6.7	51	0.1	2.3	7	790	2.47	0.8	0.9	0.5	3.5	137	0.1	1.3	7.2	18	3.04	0.126	14	2.8	0.96	686	0.002	6	0.45	0.033	0.19	12.9	0.01	3.6	0.2	2	0.5	0.1
KKM04001-031	44.6	45.7	1.1	0.8	5.5	4.2	55	0.1	3.4	8.1	848	2.73	0.5	1	0.5	3.1	142	0.1	1.6	0.4	16	3.27	0.132	9	4.3	0.97	900	0.001	5	0.41	0.039	0.2	0.7	0.01	3.6	0.13	1	0.5	0.1
KKM04001-032	45.7	46.8	1.1	1.5	20.3	3.2	54	0.1	3	7.9	803	2.6	1.3	1.2	0.7	3.6	140	0.1	4.3	0.6	20	2.89	0.141	13	4.5	0.86	564	0.002	5	0.49	0.036	0.19	3.8	0.01	3.4	0.27	2	0.5	0.1
KKM04001-033	46.8	48.2	1.4	2.1	33.2	4.4	61	0.2	3.1	8.3	898	2.84	1	1.2	0.5	4	157	0.1	3.9	1.1	15	3.33	0.148	13	4.3	0.97	591	0.001	6	0.47	0.038	0.2	1.3	0.02	3.5	0.35	1	0.5	0.1
KKM04001-034	48.2	49	0.8	1.5	8.7	5.8	65	0.1	3.5	9.2	859	3.12	1.1	1.4	0.5	3.8	219	0.1	3	0.4	19	2.77	0.158	12	5.6	0.92	534	0.001	6	0.56	0.059	0.22	0.5	0.01	4	0.1	2	0.5	0.1
KKM04001-035	49	50.1	1.1	0.5	3.3	3.4	63	0.1	3.4	8.8	849	2.49	1.2	1.4	0.5	3.9	992	0.1	1.6	0.1	27	2.61	0.147	14	6.1	0.96	541	0.004	4	0.66	0.048	0.16	0.7	0.01	4.2	0.13	3	0.5	0.1
KKM04001-036	50.1	50.7	0.6000000	1.9	12.5	10.3	60	0.1	3.3	9.2	978	3.12	0.8	1.2	0.8	3.1	265	0.1	3.2	14	17	3.39	0.147	10	4.3	1.01	592	0.001	6	0.4	0.038	0.19	1.2	0.01	3.3	0.28	1	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04001-037	50.7	51.4	0.7	0.8	6.3	5.7	55	0.1	3.1	8.4	1043	2.84	0.7	1.6	0.6	3.3	633	0.1	2	4.5	15	3.8	0.131	12	4.3	1.09	886	0.001	6	0.45	0.039	0.22	1.9	0.01	2.9	0.21	1	0.5	0.1
KKM04001-038	51.4	52.7	1.3	3.1	6.3	4.6	56	0.1	2.7	7.8	856	2.51	1	1.3	1.2	2.7	858	0.1	2.7	3.2	19	2.89	0.144	13	3.8	0.95	562	0.002	4	0.52	0.037	0.17	0.3	0.01	3.5	0.16	2	0.5	0.1
KKM04001-039	52.7	54	1.3	1.2	4.7	5.4	63	0.1	3.7	9.6	892	2.8	0.8	1.2	0.5	2.9	583	0.1	1.5	8.9	31	2.92	0.145	12	6.7	1.02	763	0.005	4	0.63	0.038	0.17	12.7	0.01	4.1	0.21	3	0.5	0.1
KKM04001-040	54	54.8	0.8	0.7	2	3	55	0.1	3.1	9	811	2.56	0.7	1	0.5	3.3	244	0.1	1.2	0.1	22	2.83	0.139	15	4.6	0.9	510	0.002	5	0.57	0.045	0.21	0.2	0.01	3.9	0.06	2	0.5	0.1
KKM04001-041	54.8	56.3	1.5	0.3	1	3	59	0.1	2.8	8.4	879	2.39	0.7	1	3.6	2.7	146	0.1	1.1	0.1	22	3.13	0.14	11	4.3	1.02	919	0.004	4	0.48	0.034	0.18	0.5	0.01	4	0.07	2	0.5	0.1
KKM04001-042	56.3	58	1.7	1.2	1.7	5.6	53	0.1	3.6	8.8	867	2.57	0.5	1.2	4.7	3.1	180	0.1	1.2	0.9	17	3.23	0.141	14	4.1	0.94	906	0.001	5	0.44	0.036	0.22	0.2	0.01	3.4	0.1	1	0.5	0.1
KKM04001-043	58	58.6	0.6000000	11.2	146	70.5	28	11.3	2.4	5.7	216	1.18	6.6	0.9	963.6	0.3	40	0.3	87.5	42.3	3	1.24	0.014	1	10	0.2	36	0.001	2	0.11	0.009	0.08	2.3	0.15	0.6	0.55	1	1.2	0.1
KKM04001-044	58.6	59	0.4	2.2	36.7	13.8	32	1.6	4.1	8.7	747	2.78	7.7	1.3	806.4	1.7	100	0.3	11.1	5	8	2.77	0.139	3	5.2	0.78	72	0.001	3	0.54	0.021	0.39	0.5	0.02	2.3	1.08	1	0.7	0.1
KKM04001-045	59	59.5	0.5	0.5	72.5	6.7	56	1.2	2.4	7.6	783	2.2	1.4	1.5	24.4	4	162	0.2	12.6	1.5	16	2.62	0.139	13	5.4	0.8	933	0.002	3	0.39	0.033	0.22	0.7	0.02	3.3	0.18	1	0.5	0.1
KKM04001-046	59.5	60.2	0.7000000	8.8	7.1	14.3	44	0.8	2.3	7.8	830	2.63	14.6	2	159.5	3.2	137	0.1	1.8	11.6	9	3.17	0.124	7	3.4	0.87	218	0.001	2	0.38	0.024	0.22	0.4	0.01	3.1	0.45	1	0.5	0.1
KKM04001-047	60.2	61.1	0.9	0.3	3.4	3.3	52	0.1	3	8.3	848	2.71	20.2	1.6	21.3	3.6	171	0.1	1	0.1	15	3.07	0.136	10	5	0.89	400	0.001	4	0.43	0.033	0.22	0.8	0.01	3.8	0.44	1	0.5	0.1
KKM04001-048	61.1	62.2	1.1	0.6	3.1	4.5	54	0.1	2.9	7.6	861	2.72	11.6	1.9	40.8	4	217	0.1	1.1	0.4	19	3.01	0.129	12	5.1	0.92	475	0.002	4	0.48	0.028	0.19	0.3	0.01	3.7	0.37	2	0.5	0.1
KKM04001-049	62.2	63.3	1.1	0.5	2.5	2.9	59	0.1	3.3	9.2	818	2.54	1.5	1.4	5.2	3.9	379	0.1	1	0.1	28	2.72	0.136	15	5.3	0.92	1060	0.008	5	0.6	0.039	0.22	0.6	0.01	3.6	0.11	3	0.5	0.1
KKM04001-050	63.3	63.6	0.3000000	0.7	1.8	3.3	44	0.1	2.6	7.5	918	2.92	21.6	1	61.8	2.8	175	0.1	0.6	0.2	10	3.53	0.114	8	4.2	1.05	211	0.001	4	0.34	0.022	0.19	0.4	0.01	3.4	0.69	1	0.5	0.1
KKM04001-051	63.6	64.7	1.1	0.8	2.9	3.1	46	0.1	2.5	7.8	777	2.64	4.5	1.2	10.5	4	169	0.1	1.1	1.9	12	2.89	0.133	12	2.8	0.85	448	0.001	5	0.36	0.03	0.2	0.5	0.01	3.2	0.39	1	0.5	0.1
KKM04001-052	64.7	66.5	1.8	1.1	3.3	3.6	62	0.2	3.3	9	821	2.52	1.3	1.1	4.2	3.1	339	0.1	0.9	5.7	31	2.51	0.135	14	5.8	0.94	674	0.018	4	0.67	0.039	0.18	6.2	0.01	3.7	0.15	4	0.5	0.1
KKM04001-053	66.5	67.6	1.1	0.6	3	2.9	67	0.1	2.9	8.5	860	2.65	2	0.9	6.5	3.3	549	0.1	1.4	0.1	19	2.92	0.132	16	4.5	0.94	594	0.002	3	0.46	0.031	0.18	0.1	0.01	3.6	0.17	2	0.5	0.1
KKM04001-054	67.6	68.9	1.3000000	0.3	2.9	2.4	69	0.1	3.5	9.6	881	2.77	1.7	1.2	3.7	2.9	179	0.1	0.6	0.4	47	2.44	0.157	13	8.6	1.04	708	0.049	2	1.03	0.037	0.14	1.1	0.01	4.4	0.08	6	0.5	0.1
KKM04001-055	68.9	69.9	1	0.8	2.6	2.4	66	0.1	3.7	9.7	829	2.74	2	1.2	0.5	2.8	148	0.1	0.5	0.1	42	2.2	0.153	11	8	1.03	571	0.074	3	1.12	0.04	0.15	0.1	0.01	3.6	0.1	6	0.5	0.1
KKM04001-056	69.9	70.5	0.6	0.3	2.1	2.5	66	0.1	3.9	9.7	806	2.69	2.2	1.4	0.7	2.8	167	0.1	0.8	0.1	46	2.35	0.146	12	9.1	1.02	581	0.06	3	1.24	0.038	0.14	0.5	0.01	3.6	0.09	7	0.5	0.1
KKM04001-057	70.5	71.2	0.7000000	1	2.8	3.7	63	0.1	4.6	9.2	718	2.78	1.4	1.3	3.2	2.9	137	0.1	0.3	1.3	52	1.69	0.153	11	9.1	0.94	236	0.112	3	1.29	0.06	0.15	0.2	0.01	3.2	0.06	6	0.5	0.1
KKM04001-058	71.2	72.6	1.4	0.3	3.5	3.2	64	0.1	3.9	9.2	725	2.7	1.1	1.4	1	2.8	176	0.1	0.3	0.1	53	1.85	0.138	11	9.2	0.95	357	0.103	2	1.23	0.045	0.13	0.6	0.01	3.2	0.14	6	0.5	0.1
KKM04001-059	72.6	73.8	1.2	1	6.6	3	67	0.1	4	9.4	884	2.97	1.9	1.6	2.4	3.4	492	0.1	1.4	1	34	2.87	0.137	15	6.8	0.99	703	0.01	4	0.79	0.042	0.2	0.2	0.01	4.1	0.28	4	0.5	0.1
KKM04001-060	73.8	75	1.2	0.6	5.7	4	48	0.1	3.8	8.3	826	2.74	14.8	1.3	23.6	3.3	212	0.1	1.7	6	17	3.14	0.133	10	3.2	0.96	297	0.001	6	0.45	0.029	0.21	2.4	0.01	3.8	0.62	2	0.5	0.1
KKM04001-061	75	75.6	0.6	0.6	3.9	3.8	40	0.1	3.6	6.5	770	2.73	39.1	1.4	71.3	1.6	173	0.1	0.7	0.2	9	3.23	0.1	3	3.9	0.92	40	0.001	5	0.32	0.015	0.19	1.4	0.01	3.3	0.88	1	0.5	0.1
KKM04001-062	75.6	76.2	0.6000000	0.9	3.6	4.3	44	0.1	4.1	8.4	886	2.93	25	1.9	46.9	4	264	0.1	0.7	0.1	10	3.52	0.121	7	3.9	1.06	98	0.001	5	0.34	0.025	0.2	0.5	0.01	4.2	0.77	1	0.5	0.1
KKM04001-063	76.2	77.1	0.9	0.3	2.4	3.1	59	0.1	2.8	7.9	929	2.68	1.4	1.3	9	5	211	0.1	0.8	0.1	21	3.49	0.124	18	3.2	1.06	525	0.001	4	0.42	0.033	0.21	0.5	0.01	3.9	0.11	1	0.5	0.1
KKM04001-064	77.1	77.9	0.8000000	0.6	3.1	3.1	67	0.1	4.3	9.4	894	2.75	2.1	1.4	3.9	3.4	436	0.1	0.9	0.1	30	3.08	0.128	11	5.3	1.07	695	0.007	4	0.71	0.033	0.18	0.2	0.01	3.8	0.14	3	0.5	0.1
KKM04001-065	77.9	78.7	0.8	0.3	2	2.6	60	0.1	3.3	8.5	862	2.52	3	1.2	5.7	3.4	1407	0.1	0.7	0.1	28	2.91	0.134	13	4.3	1	776	0.003	3	0.59	0.037	0.19	0.4	0.01	3.9	0.21	3	0.5	0.1
KKM04001-066	78.7	80.2	1.5	0.5	3.9	2.3	61	0.1	3.4	8.1	820	2.53	2.4	1.2	6.3	3.1	331	0.1	1	0.1	31	2.7	0.128	11	5.4	0.97	848	0.017	3	0.72	0.034	0.18	0.2	0.01	4	0.1	4	0.5	0.1
KKM04001-067	80.2	81.7	1.5	0.3	1.9	2.1	65	0.1	3.4	8.7	850	2.73	0.7	1.3	0.5	3.4	264	0.1	0.6	0.1	41	2.84	0.127	14	6	1.01	874	0.02	3	0.95	0.04	0.19	0.4	0.01	3.6	0.05	5	0.5	0.1
KKM04001-068	81.7	83.1	1.4	1.2	4.8	6.3	61	0.1	3.6	8.2	803	2.73	1.8	1.7	6.5	3.7	212	0.1	1	6.9	43	2.48	0.13	12	6.1	0.97	642	0.032	3	0.86	0.04	0.17	2	0.01	3.6	0.16	4	0.5	0.1
KKM04001-069	83.1	84.8	1.7	0.4	3.7	3.3	73	0.1	4.6	9.5	922	3	2.3	1.6	3.8	4.2	321	0.1	0.9	0.1	45	2.82	0.136	15	14.3	1.15	704	0.023	3	1	0.037	0.17	0.5	0.01	4.3	0.11	5	0.5	0.1
KKM04001-070	84.8	86.2	1.4	0.6	5.6	2.2	65	0.1	3.9	9	708	2.65	0.8	1.6	0.5	3.4	155	0.1	0.6	0.1	49	1.99	0.124	10	8	0.99	569	0.067	2	1.07	0.035	0.13	0.1	0.01	2.9	0.05	5	0.5	0.1
KKM04001-071	86.2	87.4	1.2	0.3	4.4	3.6	65	0.1	4.1	8.6	789	2.77	1.8	2.1	2.5	3.5	206	0.1	0.6	0.1	53	2.24	0.127	11	8.2	1.01	515	0.074	2	1.1	0.043	0.16	0.5	0.01	3.3	0.06	5	0.5	0.1
KKM04001-072	87.4	88.1	0.7	2.3	4.4	4.3	44	0.1	3.1	7.7	824	2.99	9.4	2.5	35.8	3.2	235	0.1	1.1	1.7	20	3.1	0.119	8	3.5	0.94	177	0.005	4	0.48	0.024	0.22	0.6	0.01	3.2	0.85	2	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04001-073	88.1	89.6	1.5	0.4	3.3	3.1	66	0.1	3.9	8.6	735	2.63	0.9	2	0.5	3.6	118	0.1	0.4	0.1	52	1.9	0.129	9	8.2	1.02	413	0.101	2	1.26	0.038	0.13	0.7	0.01	2.7	0.05	6	0.5	0.1
KKM04001-074	89.6	91	1.4	0.7	5.9	3.3	69	0.1	4.4	8.1	657	2.6	0.9	1.6	0.9	2.9	111	0.1	0.3	0.8	54	1.44	0.132	8	8.9	0.98	312	0.111	2	1.18	0.044	0.1	1.4	0.01	2.6	0.05	6	0.5	0.1
KKM04001-075	91	92.5	1.5	0.9	4.2	3	51	0.1	3.2	7.5	849	2.61	1.9	1.4	6	3	179	0.1	0.9	1.6	28	3.35	0.127	13	4.4	0.82	742	0.006	3	0.77	0.027	0.24	0.6	0.01	3.3	0.2	3	0.5	0.1
KKM04001-076	92.5	93.9	1.4	0.7	1.7	3.8	69	0.1	4.4	8.7	871	2.82	0.7	1.2	0.5	4.1	125	0.1	0.8	0.1	42	3.24	0.137	20	8.2	0.83	175	0.003	1	1.14	0.032	0.19	0.4	0.01	3.4	0.05	6	0.5	0.1
KKM04001-077	93.9	94.7	0.8	0.4	1.8	3.4	65	0.1	3.7	8.5	897	2.83	0.5	1.1	0.5	3.4	159	0.1	0.8	0.1	44	3.57	0.132	19	7.8	0.9	221	0.003	1	1.2	0.029	0.19	0.7	0.01	3.2	0.05	5	0.5	0.1
KKM04001-078	94.7	95.8	1.1	0.6	3	3.3	61	0.1	4.1	8.4	824	2.93	1.5	1.4	1.9	3.2	247	0.1	1	1.1	48	2.83	0.131	13	8	0.97	683	0.024	3	1.02	0.035	0.17	1.3	0.01	3.4	0.09	5	0.5	0.1
KKM04001-079	95.8	97	1.2	0.5	5	5.5	67	0.1	4.5	8.9	739	2.8	1	1.2	3.5	2.9	149	0.1	0.6	6.9	59	1.81	0.128	11	8.7	1.02	561	0.095	2	1.2	0.043	0.13	0.7	0.01	3.1	0.12	6	0.5	0.1
KKM04001-080	97	98.2	1.2	0.7	2.1	2.8	61	0.1	4	7.6	663	2.77	0.7	1.2	0.5	2.9	144	0.1	0.5	0.1	56	1.59	0.138	9	8.6	0.94	447	0.101	1	1.2	0.046	0.11	0.2	0.01	2.8	0.05	6	0.5	0.1
KKM04001-081	98.2	99.5	1.3	0.3	2.1	2.3	59	0.1	3.7	8	818	2.61	0.7	1.3	0.7	3.5	593	0.1	0.6	0.1	34	2.8	0.129	14	5.8	0.97	822	0.007	3	0.74	0.036	0.17	0.5	0.01	3.4	0.06	3	0.5	0.1
KKM04001-082	99.5	100.6	1.1	0.7	2	3.1	48	0.1	3.3	7.2	924	2.69	2.8	0.9	9.2	2.4	376	0.1	0.6	0.1	20	3.11	0.138	8	5.9	0.95	566	0.002	3	0.55	0.031	0.16	0.3	0.01	3.5	0.19	2	0.5	0.1
KKM04001-083	100.6	101.6	1	0.2	2.6	3.3	58	0.1	4.7	8.1	868	2.83	1.3	1	1.9	2.6	392	0.1	0.5	0.9	38	2.65	0.127	10	7.7	0.97	635	0.023	3	0.94	0.046	0.2	1.8	0.01	3.4	0.15	4	0.5	0.1
KKM04001-084	101.6	102.5	0.9000000	0.7	2.3	2.3	59	0.1	3.8	8	853	2.8	1	1	0.5	2.9	202	0.1	0.8	0.1	47	2.61	0.133	12	10.2	0.93	565	0.025	1	1.25	0.039	0.13	0.1	0.01	3.4	0.05	6	0.5	0.1
KKM04001-085	102.5	102.8	0.3	0.2	3.5	3.4	48	0.1	3.6	8.6	959	2.89	8.9	1.3	25.5	3.1	205	0.1	1.2	0.3	19	3.44	0.152	10	4.7	0.95	193	0.002	2	0.52	0.035	0.22	0.7	0.01	3.5	0.46	2	0.5	0.1
KKM04001-086	102.8	103.2	0.4000000	1.3	2.6	4.4	34	0.1	4	8.5	846	3.59	86.5	0.7	199.1	1.8	219	0.1	0.8	0.8	6	3.15	0.117	3	5.8	0.85	61	0.001	4	0.38	0.015	0.22	0.5	0.01	3	1.7	1	0.5	0.1
KKM04001-087	103.2	103.6	0.4	0.7	2.6	2.9	31	0.1	3.1	7	855	2.79	18	1.1	46.5	2	208	0.1	0.7	0.9	9	3.1	0.138	5	3.8	0.87	74	0.001	4	0.46	0.032	0.26	1.3	0.01	3	0.91	1	0.5	0.1
KKM04001-088	103.6	104.3	0.7000000	0.7	4	3.1	51	0.1	3.3	7.8	924	2.74	3.2	0.8	5	3	415	0.1	0.8	2.9	23	3.12	0.127	12	7.1	0.95	511	0.003	2	0.63	0.028	0.2	0.8	0.01	3.2	0.26	3	0.5	0.1
KKM04001-089	104.3	105.6	1.3	0.3	4.4	1.7	64	0.1	4.2	8.7	964	3.12	1.1	0.9	0.5	2.7	390	0.1	0.5	0.1	58	2.81	0.147	12	13.1	1.04	739	0.024	2	1.33	0.044	0.17	2.2	0.01	4.1	0.11	6	0.5	0.1
KKM04001-090	105.6	106.6	1	1.5	6.1	2.6	60	0.1	4.2	8.1	930	3.05	1.1	0.9	0.6	2.2	309	0.1	0.3	1.4	54	2.61	0.137	8	11	0.99	555	0.053	1	1.1	0.043	0.18	31.8	0.02	3.8	0.18	5	0.5	0.1
KKM04001-091	106.6	107.8	1.2	0.3	13.6	2.9	50	0.1	3.2	8.2	942	2.99	1.8	0.9	3.3	3	425	0.1	4	0.4	25	3	0.135	12	5.9	0.93	323	0.004	3	0.54	0.043	0.22	0.8	0.01	3.8	0.37	2	0.5	0.1
KKM04001-092	107.8	108.2	0.4000000	6	6.5	5.1	35	0.2	2.9	6.9	810	2.62	14.3	0.8	59.1	2	157	0.1	2.2	1.4	8	3.14	0.107	6	7.8	0.9	42	0.001	4	0.32	0.016	0.18	0.6	0.01	2.4	0.64	1	0.5	0.1
KKM04001-093	108.2	109.1	0.9	0.2	5	2.9	49	0.1	3.5	8.3	953	2.88	5.4	1	24.1	2.6	183	0.1	1	0.2	16	3.28	0.131	8	5.2	0.96	309	0.001	4	0.44	0.028	0.21	0.7	0.01	3.3	0.37	1	0.5	0.1
KKM04001-094	109.1	110.6	1.5	1	2	2.3	49	0.1	4.3	8.2	916	2.62	3.8	0.9	9.9	2.7	182	0.1	0.7	0.1	18	3.15	0.134	9	7.1	0.95	517	0.002	1	0.46	0.03	0.17	0.3	0.01	3.3	0.21	2	0.5	0.1
KKM04001-095	110.6	112.5	1.9	0.3	2.4	3	44	0.1	3.1	7.3	925	2.81	3.8	0.8	11	2.6	211	0.1	0.8	0.1	15	3.34	0.13	9	4.4	0.95	490	0.001	3	0.45	0.03	0.21	2	0.01	3.4	0.26	1	0.5	0.1
KKM04001-096	112.5	113.2	0.7000000	1	2.2	3.7	44	0.1	3.6	8.5	1069	3.24	28.3	0.9	36.3	2.7	209	0.1	0.6	0.1	11	3.81	0.135	7	6.7	1.1	70	0.001	3	0.34	0.023	0.18	0.4	0.01	4	0.55	1	0.5	0.1
KKM04001-097	113.2	113.6	0.4	0.4	3.8	3.3	39	0.1	3.5	7.5	922	2.79	17.3	1	37	2.4	152	0.1	0.9	0.2	8	3.35	0.123	6	5.4	0.94	50	0.001	4	0.34	0.019	0.19	1	0.01	3.1	0.49	1	0.5	0.1
KKM04001-098	113.6	114.2	0.6000000	1	2.1	3.7	44	0.1	2.8	7.7	905	2.67	5.8	1.1	9.2	3.4	185	0.1	0.6	0.1	14	3.19	0.145	10	5.9	0.89	117	0.001	4	0.37	0.027	0.2	0.3	0.01	3.8	0.39	1	0.5	0.1
KKM04001-099	114.2	115.2	1	0.4	3.4	2.1	62	0.1	4.1	8.8	886	2.79	0.8	1.1	0.5	3.1	320	0.1	0.7	0.2	39	2.64	0.139	12	8.6	0.98	1161	0.014	2	1	0.049	0.17	3.6	0.01	3.5	0.09	4	0.5	0.1
KKM04001-100	115.2	116.4	1.2	0.8	2	2.3	63	0.1	3.7	8.3	886	2.61	0.7	1	0.5	3	446	0.1	0.8	0.1	30	2.76	0.141	13	8.7	0.94	1256	0.003	2	0.82	0.036	0.15	0.1	0.01	3.5	0.05	3	0.5	0.1
KKM04001-101	116.4	118	1.6	0.2	2.6	3.7	47	0.1	3.4	8	972	2.86	3.6	1	10.5	2.4	180	0.1	0.8	0.1	15	3.43	0.147	8	4.8	1	340	0.001	4	0.41	0.032	0.2	0.6	0.01	3.8	0.37	1	0.5	0.1
KKM04001-102	118	118.4	0.4000000	1.6	2	3.2	49	0.1	3.2	7.8	1282	3.36	4.2	1.1	11.2	2.2	194	0.1	0.5	0.1	10	4.35	0.126	5	7.7	1.21	48	0.001	4	0.36	0.016	0.17	0.4	0.01	3.4	0.14	1	0.5	0.1
KKM04001-103	118.4	119	0.6	1.2	2	4.2	53	0.1	3.2	8.5	1013	3.12	20.9	1	18.5	3.2	169	0.1	0.8	0.1	12	3.62	0.14	10	6.8	1.03	82	0.001	4	0.41	0.03	0.22	0.3	0.01	3.2	0.39	1	0.5	0.1
KKM04001-104	119	119.4	0.4000000	0.4	5.9	11.9	46	0.2	4.9	10.2	1154	3.31	55	1.1	116	2.7	221	0.1	2.2	1.9	9	3.73	0.137	7	4.4	1.07	65	0.001	5	0.42	0.02	0.23	1.4	0.01	3.5	0.74	1	0.5	0.1
KKM04001-105	119.4	120.2	0.8	1.4	7.3	4.2	41	0.1	3	6.9	1005	2.83	13.4	0.9	24.9	2.1	216	0.1	1.5	0.5	10	3.59	0.143	6	7.6	1.03	49	0.001	4	0.42	0.02	0.22	0.6	0.01	3.6	0.38	1	0.5	0.1
KKM04001-106	120.2	121.7	1.5	2.2	6.4	4.5	46	0.1	3.1	8.4	900	2.98	8.7	1.1	21.8	2.6	196	0.1	1.3	6.7	12	3.26	0.129	7	4.4	0.95	108	0.001	3	0.41	0.03	0.21	9.9	0.01	3.4	0.55	1	0.5	0.1
KKM04001-107	121.7	123	1.3	1.1	2.6	2.3	49	0.1	3.3	8.4	956	2.97	6.5	1	12	2.7	214	0.1	0.6	0.2	13	3.46	0.139	8	6.6	1	364	0.001	3	0.39	0.03	0.2	1.8	0.01	3.5	0.31	1	0.5	0.1
KKM04001-108	123	124.2	1.2	3.8	6.9	4.6	44	0.1	4	9.2	982	3.29	14.4	1.3	27.2	2.8	276	0.1	2	1.1	10	3.61	0.147	6	4.5	1.06	67	0.001	3	0.4	0.03	0.22	6.9	0.01	3.6	0.9	1	0.5	0.1

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04001-109	124.2	125	0.8	14.2	9.3	30.1	47	0.6	3.9	8.4	1215	3.54	27	1.1	74	2	279	0.2	3	24.6	9	3.99	0.133	4	7.5	1.13	47	0.001	3	0.38	0.016	0.2	7.5	0.01	3.1	0.84	1	0.6	0.1
KKM04001-110	125	125.5	0.5	0.5	2.9	5	54	0.1	3.1	7	1317	3.26	13.3	0.6	29.7	1.8	344	0.2	0.9	0.4	9	4.39	0.141	5	4.3	1.29	53	0.001	3	0.43	0.018	0.2	1	0.01	2.9	0.25	1	0.5	0.1
KKM04001-111	125.5	126.3	0.8	0.3	1.8	4.7	40	0.1	3	7.5	869	2.67	24.6	0.8	58.1	2.2	256	0.1	1.2	0.3	9	3.35	0.125	5	2.6	0.9	63	0.002	5	0.63	0.022	0.24	0.5	0.01	2.7	0.43	1	0.5	0.1
KKM04001-112	126.3	126.9	0.6000000	0.5	1.9	4.9	45	0.1	3.5	8.3	906	2.75	20.8	0.9	30	2.4	258	0.1	1	0.1	10	3.45	0.128	7	4.3	0.88	57	0.001	6	0.56	0.025	0.24	1	0.01	3.1	0.45	1	0.5	0.1
KKM04001-113	126.9	127.5	0.6	0.2	1.8	4.4	67	0.1	3.5	8	906	2.88	21.2	0.7	68.1	2.8	208	0.1	0.9	0.1	8	3.28	0.134	6	2.8	0.9	41	0.001	3	0.42	0.022	0.2	0.4	0.01	2.8	0.57	1	0.5	0.1
KKM04001-114	127.5	128.1	0.6	0.6	2.1	4	53	0.1	4.5	8.4	968	3.01	10.7	1	22.7	3.2	254	0.1	0.9	0.1	11	3.6	0.145	9	6.2	0.98	53	0.001	4	0.58	0.032	0.24	1.3	0.01	3.2	0.3	1	0.5	0.1
KKM04001-115	128.1	129.3	1.2000000	0.2	2	3.6	56	0.1	3.9	8.8	910	3.09	5.7	0.8	9.1	2.7	183	0.1	0.8	0.1	11	3.26	0.139	8	2.9	0.91	68	0.002	5	0.53	0.032	0.26	0.3	0.01	3	0.34	1	0.5	0.1
KKM04001-116	129.3	130.1	0.8	0.8	4.1	3.2	54	0.1	3.8	7.9	979	2.92	7	0.6	10.9	1.9	207	0.1	1.5	0.1	11	3.79	0.141	6	5.7	1.01	53	0.001	6	0.47	0.026	0.22	1.3	0.01	3.1	0.23	1	0.5	0.1
KKM04001-117	130.1	131.1	1	0.2	2.6	3.4	60	0.1	3.4	8.2	890	2.94	7.3	0.9	10.9	2.5	151	0.1	1.2	0.2	13	3.24	0.142	8	2.8	0.89	72	0.001	6	0.46	0.035	0.23	0.3	0.01	2.8	0.25	1	0.5	0.1
KKM04001-118	131.1	132.3	1.2000000	0.5	3.5	2.9	59	0.1	4.2	8.5	894	2.65	1.5	0.8	4.8	3.1	204	0.1	1	0.1	19	2.8	0.136	12	6.3	0.84	829	0.002	3	0.52	0.043	0.2	0.8	0.01	3.1	0.13	2	0.5	0.1
KKM04001-119	132.3	133.2	0.9	0.3	14.7	5.2	63	0.1	3.7	10.1	969	3.23	2.9	1.6	6.5	3.1	240	0.1	7.3	2.9	17	3.93	0.124	9	3.2	1.12	258	0.001	3	0.59	0.024	0.2	0.5	0.03	3	0.53	2	0.5	0.2
KKM04001-120	133.2	134.1	0.9000000	0.5	2.9	2.4	53	0.1	4.1	8.7	955	2.97	8.2	0.6	20.7	2.3	207	0.1	0.8	0.1	15	3.45	0.139	8	5.5	0.99	388	0.001	2	0.49	0.031	0.2	1.1	0.01	3.3	0.33	1	0.5	0.1
KKM04001-121	134.1	134.9	0.8000000	0.2	3.8	2.3	56	0.1	3.6	8.6	959	2.99	3.9	0.7	3.5	2.7	241	0.1	1.4	0.1	18	3.47	0.148	11	4.2	1.03	715	0.001	4	0.52	0.037	0.22	0.2	0.01	3.2	0.18	1	0.5	0.1
KKM04001-122	134.9	135.3	0.4000000	0.6	1.7	3.6	53	0.1	4.3	9.1	1019	3.21	17.5	0.7	46.5	3	316	0.1	0.9	0.1	12	3.6	0.152	9	5.2	1.02	96	0.002	5	0.54	0.032	0.24	1	0.01	3.5	0.57	1	0.5	0.1
KKM04001-123	135.3	135.8	0.5	0.2	2	9	42	0.1	4.3	8	774	3.13	34.3	0.4	337.8	1.2	234	0.1	0.9	0.5	9	3.12	0.1	3	2.9	0.84	49	0.001	3	0.36	0.02	0.17	0.5	0.01	2.3	1.16	1	0.5	0.1
KKM04001-124	135.8	136.6	0.8	0.7	4.1	6.8	50	0.1	3.8	9.1	939	2.98	10.5	0.8	17.8	2.7	233	0.1	1.6	5.7	11	3.48	0.153	9	4.1	0.98	84	0.001	5	0.6	0.029	0.24	1	0.01	3.1	0.4	1	0.5	0.1
KKM04001-125	136.6	137.8	1.2000000	0.2	1.3	3.1	61	0.1	2.8	8.7	965	3	10	0.5	23.6	2.9	223	0.1	0.8	0.1	11	3.64	0.142	11	2.5	1.02	204	0.001	6	0.56	0.026	0.24	0.4	0.01	3	0.2	1	0.5	0.1
KKM04001-126	137.8	139.2	1.4	0.7	2.2	3.7	60	0.1	3.9	9.1	934	3.1	24.1	0.6	17.7	3	194	0.1	1.1	0.1	13	3.17	0.152	12	5.4	0.93	198	0.001	5	0.53	0.031	0.23	1.1	0.01	3.3	0.28	1	0.5	0.1
KKM04001-127	139.2	140.5	1.3000000	0.2	1.4	2.8	55	0.1	3.3	9.1	937	3.04	12.2	0.6	13.9	2.5	170	0.1	1.1	0.1	14	3.3	0.14	10	2.6	0.97	240	0.001	4	0.52	0.031	0.23	0.4	0.01	3.1	0.34	1	0.5	0.1
KKM04001-128	140.5	140.9	0.4000000	0.7	1.5	3.5	59	0.1	4.2	9.3	920	3	12.5	0.6	25.1	2.2	200	0.1	0.9	0.1	13	3.56	0.135	7	5.3	1	152	0.001	5	0.51	0.027	0.23	1.1	0.01	2.9	0.2	1	0.5	0.1
KKM04001-129	140.9	142.1	1.2	0.6	1.3	3	65	0.1	4.2	9.2	1027	3.12	13	0.6	17.9	2.3	185	0.1	0.7	0.1	15	3.77	0.136	8	5.8	1.09	299	0.001	5	0.48	0.031	0.21	1	0.01	2.7	0.29	1	0.5	0.1
KKM04001-130	142.1	143.1	1	0.2	1.7	2.9	58	0.1	3.2	8.4	853	2.77	3.7	0.7	2.1	2.9	149	0.1	0.9	0.1	16	3.12	0.152	11	2.9	0.84	391	0.001	5	0.54	0.04	0.23	0.3	0.01	3.1	0.09	1	0.5	0.1
KKM04001-131	143.1	144	0.9000000	0.7	3.3	2.8	58	0.1	3.7	8.2	927	2.85	16.4	1.1	7.5	3.2	155	0.1	1	0.1	13	3.29	0.137	7	5.6	0.91	128	0.001	3	0.41	0.032	0.2	1	0.01	2.7	0.34	1	0.5	0.1
KKM04001-132	144	145	1	0.1	2.7	3	57	0.1	3.1	8.5	959	2.88	13	1	8.7	3.3	165	0.1	1.1	0.1	15	3.28	0.132	9	2.5	0.94	239	0.001	4	0.49	0.031	0.22	0.3	0.01	3.2	0.24	1	0.5	0.1
KKM04001-133	145	145.4	0.4000000	1	3.7	2.9	46	0.1	4.7	7.8	982	2.85	24.2	1	47.4	2.5	177	0.1	1.3	0.1	9	3.61	0.119	6	6.7	0.97	50	0.001	4	0.43	0.022	0.21	1.5	0.01	2.7	0.43	1	0.5	0.1
KKM04001-134	145.4	146.5	1.1	0.3	2.7	3.5	49	0.1	3.1	7.8	896	2.92	15.8	0.7	44.6	2.9	180	0.1	1	0.1	11	3.35	0.139	8	2.4	0.88	64	0.001	4	0.49	0.025	0.24	0.4	0.01	3.2	0.37	1	0.5	0.1
KKM04001-135	146.5	147.6	1.1	1.6	4	4.8	54	0.1	4	8.1	933	2.98	4.2	0.6	7.2	2.8	180	0.1	1.3	6.4	14	3.43	0.154	11	5.4	0.92	71	0.001	5	0.49	0.027	0.22	2.6	0.01	3.2	0.33	1	0.5	0.1
KKM04001-136	147.6	148.8	1.2000000	3.3	4.6	4	49	0.1	3.5	8.1	906	3.1	8.3	0.6	11.7	2.5	203	0.1	1.4	1.2	14	3.34	0.149	7	2.6	0.89	64	0.001	5	0.44	0.03	0.22	0.3	0.01	3.4	0.67	1	0.5	0.1
KKM04001-137	148.8	149.4	0.6	1.1	2.4	4.9	54	0.1	4.2	6.5	1072	3.14	9.4	0.8	18.2	2.3	320	0.1	0.8	0.2	12	4.31	0.132	7	6.4	1.11	42	0.001	5	0.4	0.021	0.2	1.7	0.01	2.9	0.27	1	0.5	0.1
KKM04001-138	149.4	150.6	1.2	0.3	3.4	6.9	52	0.1	3.7	8.6	940	3.2	23.4	1.6	70	3.6	252	0.1	1.2	0.5	12	3.77	0.147	6	2.6	1.01	46	0.001	4	0.48	0.019	0.21	0.5	0.01	3	0.58	1	0.5	0.1
KKM04001-139	150.6	151.8	1.2000000	1.1	5.4	6.3	50	0.1	4.5	7.3	914	2.85	19	0.8	38.8	2.1	289	0.1	2.5	0.1	10	3.69	0.149	6	7.1	0.93	52	0.001	6	0.49	0.02	0.25	1.9	0.01	3.1	0.34	1	0.5	0.1
KKM04001-140	151.8	153.2	1.4	0.6	7.7	6.5	50	0.1	4	8	990	2.92	19	0.9	29.7	1.8	226	0.1	3.1	0.6	10	3.84	0.133	3	4.7	1.05	35	0.001	4	0.3	0.017	0.18	1.3	0.01	3.1	0.48	1	0.5	0.1
KKM04001-141	153.2	154.2	1	0.2	4.3	14.9	40	0.1	3.5	7.7	828	2.8	33.7	1.3	50.3	2.4	198	0.1	1.6	0.4	9	3.26	0.139	4	2.4	0.84	45	0.001	4	0.45	0.026	0.22	0.5	0.01	3.2	0.59	1	0.5	0.1
KKM04001-142	154.2	154.9	0.7000000	1.7	13.4	4.6	33	0.3	4.9	5.1	545	1.84	14	0.9	61.4	1.7	176	0.1	5.8	0.6	7	2.12	0.097	4	9.6	0.57	76	0.001	4	0.31	0.018	0.18	2.2	0.01	2.1	0.42	1	0.5	0.1
KKM04001-143	154.9	155.6	0.7	0.9	8.4	5	46	0.1	3.5	6.8	881	2.57	7.2	1.2	10.3	2.5	196	0.1	3.4	0.6	12	3.57	0.136	6	2.2	1.01	62	0.001	5	0.39	0.03	0.24	0.5	0.01	3.3	0.29	1	0.5	0.1
KKM04001-144	155.6	156.6	1	3.6	17.6	4.9	39	0.2	5.2	7.1	717	2.74	13.5	1	27.2	2.2	183	0.1	8.5	0.5	8	2.84	0.116	4	7.9	0.78	35	0.001	4	0.35	0.031	0.2	1.8	0.01	2.9	1.05	1	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04001-145	156.6	157.4	0.8000000	9	32.2	46.6	27	0.8	3.2	5.1	438	2.16	4.8	0.7	38.2	1.7	102	0.1	17.7	73.7	5	1.75	0.066	4	5.4	0.47	46	0.001	3	0.26	0.02	0.19	4.8	0.01	1.4	1.11	1	1.2	0.1
KKM04001-146	157.4	158.3	0.9000000	4	200.2	5.6	66	1.8	3.3	6.4	880	2.49	6.3	1.1	462.9	2.4	110	0.4	131.2	5.2	7	2.79	0.128	4	5.7	0.74	58	0.001	4	0.44	0.019	0.32	1.4	0.07	2	0.71	1	0.5	0.1
KKM04001-147	158.3	158.8	0.5	5.9	226.7	7.9	67	1.9	3.3	9.6	638	2.64	11.4	0.7	2357	2.2	108	0.3	133	7.8	8	2.36	0.073	4	3.3	0.65	142	0.001	3	0.36	0.018	0.23	0.3	0.07	1.6	1	1	0.9	0.1
KKM04001-148	158.8	159.7	0.9	2.1	13.7	5.5	48	3	4.1	7.1	830	2.62	0.7	1.2	6.4	3.5	146	0.1	2.9	5	11	3.12	0.112	10	4.4	0.87	551	0.001	6	0.45	0.03	0.23	5.1	0.01	2.7	0.1	1	0.5	0.1
KKM04001-149	159.7	161	1.3000000	1.4	15.2	5.2	51	0.2	3.1	7	822	2.56	2	1.2	108	3.4	152	0.1	4.5	3.3	11	3.02	0.124	8	2.8	0.83	370	0.001	5	0.43	0.036	0.25	0.6	0.01	3.1	0.16	1	0.5	0.1
KKM04001-150	161	162.1	1.1	0.9	5.4	3	53	0.1	4.5	7.6	861	2.6	1.2	1.2	2.1	3.6	152	0.1	1.1	0.1	14	3.15	0.128	13	5.2	0.87	518	0.001	4	0.45	0.042	0.23	1.3	0.01	3.3	0.05	1	0.5	0.1
KKM04001-151	162.1	163.1	1	0.4	3.5	3.4	53	0.1	3.5	6.9	839	2.53	3.1	0.9	4.4	3.3	156	0.1	0.9	0.1	13	3.31	0.124	12	2.6	0.9	732	0.001	4	0.38	0.035	0.19	0.3	0.01	2.9	0.06	1	0.5	0.1
KKM04001-152	163.1	164.6	1.5	1	4.6	4	50	0.1	3.6	6.7	917	2.47	0.7	1.5	0.5	3.8	225	0.1	1.9	0.1	13	3.38	0.131	14	5.3	0.9	1224	0.001	5	0.52	0.041	0.23	0.9	0.01	2.8	0.07	2	0.5	0.1
KKM04001-153	164.6	166.1	1.5	0.4	3.6	3.2	53	0.1	3.2	6.7	840	2.42	0.6	1.8	0.5	4.7	167	0.1	1.3	0.1	17	2.7	0.125	16	3.3	0.81	695	0.001	4	0.54	0.049	0.22	0.3	0.01	3.2	0.05	2	0.5	0.1
KKM04001-154	166.1	167.1	1	0.7	2.6	3.7	55	0.1	4	7.1	861	2.3	0.5	1.5	0.5	4.6	189	0.1	1.1	0.1	13	3	0.13	16	5.1	0.82	689	0.001	3	0.57	0.047	0.22	0.8	0.01	3	0.05	2	0.5	0.1
KKM04001-155	167.1	168.2	1.1	0.3	2.9	3.2	54	0.1	3.6	7	866	2.47	3	1.2	5.7	3.6	152	0.1	1.1	0.2	12	2.97	0.13	11	2.9	0.84	416	0.001	4	0.48	0.045	0.24	0.2	0.01	2.9	0.08	1	0.5	0.1
KKM04001-156	168.2	169.2	1	0.8	4.3	2.8	49	0.1	3.9	6.6	860	2.55	4.6	0.9	8.9	3.2	163	0.1	1.2	0.1	15	2.77	0.119	11	5.1	0.83	700	0.001	3	0.54	0.043	0.21	0.8	0.01	3	0.16	1	0.5	0.1
KKM04001-157	169.2	170.2	1	0.9	3.8	4.3	46	0.1	4	7	827	2.49	7.7	1.2	12.2	3.8	166	0.1	1.3	1.3	11	3.04	0.127	9	5.6	0.84	312	0.001	5	0.49	0.039	0.25	1.2	0.01	3.2	0.36	1	0.5	0.1
KKM04001-158	170.2	171.4	1.2000000	0.4	3	3.7	48	0.1	3.2	7.2	948	2.68	8.2	0.9	15.7	3.4	356	0.1	1.2	0.4	10	3.43	0.135	9	2.9	0.94	80	0.001	5	0.47	0.039	0.23	0.4	0.01	3.2	0.39	1	0.5	0.1
KKM04001-159	171.4	172.7	1.3	1.9	5.2	3.4	47	0.1	4.5	8.1	823	2.48	2.7	0.9	8.5	3.8	168	0.1	1.1	3.1	14	2.8	0.134	13	5.6	0.72	225	0.001	4	0.58	0.039	0.25	1	0.01	2.7	0.22	2	0.5	0.1
KKM04001-160	172.7	173.3	0.6000000	0.8	3.3	3.1	52	0.1	4.1	8.1	982	2.5	0.5	1.4	0.8	3.8	188	0.1	0.9	0.2	25	3.23	0.131	13	4.7	1.01	829	0.002	3	0.79	0.052	0.19	0.2	0.01	3.3	0.2	3	0.5	0.1
KKM04001-161	173.3	174.3	1	1.1	2.4	3.3	47	0.1	4.4	9.7	1009	2.73	2.6	1.4	16.1	3	140	0.1	0.7	0.6	17	3.19	0.119	7	6.2	1.03	217	0.001	2	0.56	0.053	0.19	0.9	0.01	2.9	0.74	2	0.5	0.1
KKM04001-162	174.3	175.3	1	0.2	1.9	2.9	56	0.1	3.8	7.2	1012	2.6	1.3	1.7	3	4.1	205	0.1	0.6	0.2	16	3.07	0.13	12	3.8	0.95	493	0.001	3	0.79	0.052	0.21	0.2	0.01	2.9	0.31	3	0.5	0.1
KKM04001-163	175.3	176.2	0.9	0.6	4.6	3.5	58	0.1	4.5	8.7	972	2.56	2.7	1.6	13.7	4.3	206	0.1	0.9	0.2	19	3.18	0.127	12	5.7	0.85	513	0.001	3	0.9	0.043	0.21	0.7	0.01	2.9	0.27	3	0.5	0.1
KKM04001-164	176.2	177.1	0.9000000	0.2	3.7	4.2	58	0.1	3.1	7	926	2.51	0.5	1.5	0.6	4.1	180	0.1	0.9	0.1	13	3.27	0.136	15	3.5	0.91	693	0.001	5	0.62	0.052	0.26	0.3	0.01	3	0.05	2	0.5	0.1
KKM04001-165	177.1	177.9	0.8000000	0.6	3	4.3	53	0.1	4	6.6	906	2.38	0.5	1.1	3.2	4	212	0.1	0.8	0.1	14	3.28	0.134	16	5.2	0.85	672	0.001	3	0.7	0.049	0.23	1	0.01	2.9	0.05	2	0.5	0.1
KKM04001-166	177.9	179.3	1.4	0.3	2.4	4.4	63	0.1	3.2	7.3	934	2.46	0.5	1.2	0.5	4.1	584	0.1	0.8	0.1	21	2.9	0.146	14	3.9	0.94	1078	0.002	3	0.79	0.056	0.2	0.3	0.01	3.4	0.05	3	0.5	0.1
KKM04001-167	179.3	180.3	1	0.7	3.2	3.8	54	0.1	3.2	6.7	930	2.43	0.5	1	0.6	3.6	1175	0.1	0.8	0.2	15	3.28	0.135	13	4.8	0.85	849	0.001	4	0.57	0.047	0.23	0.9	0.01	3	0.05	2	0.5	0.1
KKM04001-168	180.3	181.4	1.1	0.4	2.1	3.3	57	0.1	3	6.8	984	2.64	2	0.8	6	3.1	358	0.1	0.7	0.1	12	3.4	0.132	11	2.2	0.92	358	0.001	3	0.54	0.041	0.24	0.3	0.01	2.7	0.12	1	0.5	0.1
KKM04001-169	181.4	182.4	1	0.2	2.2	2.9	45	0.1	5.7	7	859	2.43	4	0.9	8.2	2.8	310	0.1	0.6	0.1	12	2.96	0.118	8	2.6	0.84	270	0.001	2	0.55	0.037	0.21	0.3	0.01	2.8	0.45	2	0.5	0.1
KKM04001-170	182.4	183	0.6	0.7	2.1	3.8	47	0.1	3.9	7.1	854	2.55	11.3	1.1	38.3	2.8	204	0.1	0.7	0.2	10	3.18	0.124	8	1.9	0.94	66	0.001	3	0.45	0.031	0.21	0.4	0.01	2.6	0.57	1	0.5	0.1
KKM04001-171	183	184.4	1.4	0.8	1.8	3.3	49	0.1	4.3	6	857	2.2	0.5	1.3	1.5	4.1	470	0.1	0.8	0.1	12	3.1	0.12	12	4.8	0.88	567	0.001	3	0.47	0.035	0.21	0.8	0.01	2.6	0.05	1	0.5	0.1
KKM04001-172	184.4	185.5	1.1	0.2	1.9	3	55	0.1	3.5	6.6	831	2.21	0.5	1.3	0.8	4.1	208	0.1	0.8	0.1	17	2.74	0.115	14	3.4	0.81	489	0.001	3	0.62	0.039	0.2	0.2	0.01	2.9	0.05	2	0.5	0.1
KKM04001-173	185.5	187.1	1.6	0.6	2.1	3.5	54	0.1	4.9	6.8	885	2.23	0.5	1.5	0.8	4.1	291	0.1	0.8	0.1	13	3.14	0.127	14	4.5	0.85	547	0.001	2	0.5	0.046	0.21	0.7	0.01	2.8	0.05	2	0.5	0.1
KKM04001-174	187.1	188.4	1.3000000	0.5	2	3.7	62	0.1	3.8	8	1034	2.75	0.5	1.3	0.6	3.7	1546	0.1	0.9	0.1	19	3.62	0.151	14	5.8	1.01	736	0.001	3	0.67	0.05	0.24	0.7	0.01	3.7	0.05	2	0.5	0.1
KKM04001-175	188.4	189	0.6	0.3	1.9	3.6	56	0.1	3.1	7	917	2.65	0.5	0.7	4.4	3.4	275	0.1	0.8	0.1	12	3.32	0.129	11	2.3	0.91	942	0.001	4	0.47	0.037	0.25	0.4	0.01	3.1	0.05	1	0.5	0.1
KKM04001-176	189	190.6	1.6	1.8	13.2	4.4	57	0.1	3.9	6.7	885	2.59	0.5	0.9	2.7	3.2	327	0.1	2.8	0.3	12	3.21	0.133	11	4.6	0.9	627	0.001	4	0.56	0.04	0.28	1.1	0.01	3	0.05	1	0.5	0.1
KKM04001-177	190.6	191.5	0.9000000	1.3	3.9	3.8	61	0.1	3.8	8.4	961	2.94	0.6	0.8	2	2.9	268	0.1	1.3	0.1	17	3.31	0.14	12	2.8	0.98	540	0.001	4	0.51	0.042	0.23	0.3	0.01	3.5	0.06	1	0.5	0.1
KKM04001-178	191.5	191.7	0.2	1.3	2	3.1	50	0.1	4.1	6.7	778	2.42	2.5	0.7	1.5	2	207	0.1	0.7	0.1	11	3.03	0.133	7	4.6	0.83	356	0.001	5	0.54	0.034	0.26	1.3	0.01	3.1	0.05	1	0.5	0.1
KKM04001-179	191.7	192.6	0.9000000	0.3	2.4	3	58	0.1	2.9	7.3	911	2.74	0.5	1.4	0.5	3	1133	0.1	0.9	0.1	14	3.58	0.133	9	2.4	0.98	711	0.001	5	0.46	0.041	0.22	0.4	0.01	3.3	0.05	1	0.5	0.1
KKM04001-180	192.6	193.4	0.8000000	0.6	4.1	3.5	56	0.1	4.8	7.5	842	2.38	0.5	1.4	0.5	3.7	265	0.1	1.2	0.1	21	2.69	0.135	16	6.1	0.86	931	0.002	4	0.67	0.059	0.22	0.7	0.01	3.4	0.05	3	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04001	225	330	-50	512499.29	6066544	172.6	COMPLETE	04/10/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KKM04001-181	193.4	194.5	1.1	0.4	4.5	3.8	55	0.1	2.9	7.4	942	2.7	0.5	1.1	0.9	4.1	247	0.1	1.5	0.8	14	3.6	0.133	14	2.2	1.02	818	0.001	4	0.46	0.04	0.23	0.5	0.01	3.4	0.06	1	0.5	0.1
KKM04001-182	194.5	195.5	1	1.3	5.7	3.7	51	0.1	3.6	7.3	971	2.72	0.5	1.3	1.9	3.5	147	0.1	2	0.1	12	3.51	0.138	12	3.4	1.01	501	0.001	4	0.49	0.032	0.22	0.8	0.01	3.2	0.05	1	0.5	0.1
KKM04001-183	195.5	196.2	0.7	0.8	22.5	4.5	76	0.1	4	9.4	1304	3.73	0.8	1.3	3.4	2.3	327	0.1	6.4	0.6	19	5.01	0.114	10	2.4	1.63	511	0.001	4	0.6	0.031	0.19	0.3	0.14	2.7	0.12	1	0.5	0.1
KKM04001-184	196.2	197.6	1.4	0.6	2.7	3.7	50	0.1	3.5	6.5	829	2.38	0.5	1.2	0.9	3.4	163	0.1	0.8	0.1	16	2.63	0.114	14	4.5	0.9	354	0.001	4	0.56	0.042	0.2	0.7	0.01	2.8	0.05	2	0.5	0.1
KKM04001-185	197.6	198.6	1	0.5	1.7	3.4	52	0.1	3.9	6.9	868	2.32	0.5	1.2	0.8	4.1	266	0.1	0.7	0.1	18	2.89	0.125	15	4.8	0.89	781	0.001	4	0.53	0.045	0.23	0.8	0.01	3.1	0.06	1	0.5	0.1
KKM04001-186	198.6	199.8	1.2000000	0.3	2.2	4.4	59	0.1	3.7	7.8	980	2.82	1.8	2.9	0.9	3	828	0.1	1.8	0.1	19	3.54	0.125	10	2.6	1.22	86	0.001	2	0.55	0.028	0.19	0.5	0.11	2.7	0.34	1	0.5	0.1
KKM04001-187	199.8	200.6	0.8	0.6	1.8	3.1	57	0.1	3.7	7.9	1095	2.82	0.5	0.5	1.3	2.9	177	0.1	0.7	0.1	15	4.1	0.113	12	4.3	1.23	470	0.001	4	0.49	0.04	0.23	0.8	0.01	3	0.05	1	0.5	0.1
KKM04001-188	200.6	201.6	1	0.4	4.6	3.2	57	0.1	3.5	7.6	955	2.44	0.5	0.9	0.5	3.6	621	0.1	1.5	0.1	19	3.28	0.133	15	3.1	0.93	926	0.001	3	0.65	0.044	0.24	0.3	0.01	3	0.06	2	0.5	0.1
KKM04001-189	201.6	202.5	0.9000000	0.4	2	2.9	65	0.1	3.4	7.9	1020	2.65	0.5	0.9	0.5	3.3	273	0.1	0.9	0.1	20	3.45	0.137	14	3.4	1.06	909	0.001	4	0.68	0.043	0.22	0.2	0.01	2.9	0.05	2	0.5	0.1
KKM04001-190	202.5	203.7	1.2	1.1	7.5	3.6	60	0.1	4.1	7.8	923	2.57	0.5	1	0.6	3.6	185	0.1	1.4	0.1	25	3.12	0.129	15	5.6	0.92	428	0.001	4	0.91	0.045	0.19	0.7	0.01	2.7	0.06	4	0.5	0.1
KKM04001-191	203.7	204.7	1	0.2	3.8	2.9	63	0.1	4.4	8.2	915	2.76	0.6	1.3	1	3.7	213	0.1	0.9	0.1	39	2.68	0.133	14	10.6	1.02	589	0.004	3	1.18	0.053	0.17	0.1	0.01	3.9	0.05	5	0.5	0.1
KKM04001-192	204.7	205.7	1	0.4	2.6	3.9	68	0.1	4.8	8.2	985	2.66	0.6	1	1	3.7	331	0.1	1	0.1	35	3.5	0.133	16	8.1	0.98	656	0.003	2	1.11	0.047	0.14	0.6	0.01	3.6	0.05	5	0.5	0.1
KKM04001-193	205.7	206.7	1	0.7	17.8	5.6	58	0.1	3.3	7.8	909	2.69	0.5	1.1	32.7	3	169	0.1	2.8	4.5	22	3.29	0.118	13	3.1	0.97	558	0.002	4	0.64	0.038	0.19	0.4	0.01	2.9	0.13	2	0.5	0.1
KKM04001-194	206.7	207.7	1	1.8	8.4	3	61	0.1	3.9	6.7	883	2.55	0.6	0.9	1.4	3.5	147	0.1	2.3	0.2	21	3.01	0.135	15	5.2	0.87	291	0.001	3	0.61	0.043	0.19	100	0.08	2.7	0.1	2	0.5	0.1
KKM04001-195	207.7	208.1	0.4000000	0.3	7.9	3.6	51	0.1	3.3	6.4	867	2.48	0.5	0.6	1	3.2	157	0.1	1.1	0.1	15	3.35	0.118	13	2.5	0.93	116	0.001	4	0.5	0.037	0.21	1.6	0.01	2.7	0.06	1	0.5	0.1
KKM04001-196	208.1	209.4	1.3000000	0.5	2	3.3	56	0.1	4.6	7.2	888	2.38	0.5	0.8	0.5	3.3	180	0.1	0.7	0.1	18	3.08	0.129	15	4.8	0.86	530	0.001	4	0.6	0.047	0.21	1	0.01	3.1	0.06	2	0.5	0.1
KKM04001-197	209.4	210.1	0.7	0.2	2.4	3.5	64	0.1	3.8	6.8	742	2.4	0.9	0.7	14.7	2.9	182	0.1	1.2	0.1	21	2.85	0.132	13	3.2	0.82	103	0.001	4	0.52	0.044	0.17	0.5	0.01	2.8	0.13	2	0.5	0.1
KKM04001-198	210.1	210.5	0.4000000	0.8	4.1	7.3	68	0.1	5.5	8.1	836	2.62	4.2	1.8	1.1	2.7	223	0.1	3.3	0.1	19	4.28	0.123	11	5.6	1.32	157	0.001	3	0.55	0.04	0.18	1.4	0.03	2.5	0.4	1	0.5	0.2
KKM04001-199	210.5	211.2	0.7	1.1	3.2	9.3	76	0.5	5.9	8.4	733	2.65	0.7	1.8	7.3	3.4	205	0.1	1	3.8	29	3.47	0.138	17	4.3	1.12	118	0.001	2	0.63	0.055	0.17	0.5	0.01	3.1	0.07	2	0.5	0.1
KKM04001-200	211.2	212.4	1.2000000	0.8	1.4	8	74	0.1	6.5	9.8	825	2.85	5	1.3	1.8	3	392	0.1	3.8	0.1	24	4.02	0.131	11	7.1	1.15	75	0.001	2	0.57	0.05	0.16	1.3	0.06	2.9	0.74	2	0.5	0.2
KKM04001-201	212.4	213.6	1.2	0.2	2.9	3.5	57	0.1	4.3	7.9	872	2.58	0.6	2.1	0.5	3	157	0.1	1	0.1	22	3.13	0.131	14	3.6	0.95	179	0.001	4	0.48	0.046	0.2	0.3	0.01	2.8	0.05	1	0.5	0.1
KKM04001-202	213.6	215	1.4	0.6	1.7	3.1	51	0.1	4.3	7.1	860	2.51	0.5	0.7	0.5	3	159	0.1	0.7	0.1	20	2.95	0.131	15	6.5	0.87	287	0.001	5	0.53	0.055	0.21	0.8	0.01	2.9	0.05	2	0.5	0.1
KKM04001-203	215	216.3	1.3000000	0.3	1.6	3.3	55	0.1	4	7.6	916	2.59	0.5	1.6	1	3.2	149	0.1	0.7	0.1	23	3.27	0.131	15	4.4	0.97	185	0.001	5	0.47	0.045	0.2	0.2	0.01	2.9	0.05	1	0.5	0.1
KKM04001-204	216.3	217.4	1.1	0.6	12.5	5	67	0.1	5.3	8.1	880	2.94	0.5	1	18.5	3.8	165	0.1	1.8	0.1	33	2.54	0.136	17	7.9	0.83	263	0.002	3	0.63	0.055	0.15	0.9	0.01	3.7	0.07	2	0.5	0.1
KKM04001-205	217.4	218.2	0.8	1.7	14.7	14.8	64	0.4	4.2	7.8	796	2.79	0.5	0.9	1.8	3.2	114	0.1	1.3	22	27	2.47	0.12	14	5.1	0.88	154	0.001	2	0.56	0.052	0.17	2.6	0.01	3.1	0.2	2	0.5	0.1
KKM04001-206	218.2	218.9	0.7000000	0.7	6.3	4.2	58	0.1	4	6.6	773	2.53	0.5	0.6	0.7	3.2	128	0.1	0.9	0.9	17	2.69	0.128	15	5.6	0.84	102	0.001	3	0.53	0.04	0.19	1.2	0.01	2.4	0.05	2	0.5	0.1
KKM04001-207	218.9	220.1	1.2	0.6	10.4	4.2	64	0.1	4.9	8.2	784	2.67	0.5	0.8	0.5	3.8	213	0.1	1.1	0.2	28	2.85	0.137	18	7.3	0.76	129	0.002	5	0.76	0.053	0.2	1.1	0.01	3.1	0.1	3	0.5	0.1
KKM04001-208	220.1	220.7	0.6	0.2	11	3.6	61	0.1	4.3	6.6	878	2.42	0.5	1.3	0.5	3.2	184	0.1	1.8	0.1	18	3.59	0.14	12	2.9	1.02	226	0.002	3	0.55	0.037	0.23	0.3	0.01	2.8	0.1	2	0.5	0.1
KKM04001-209	220.7	222	1.3000000	11.1	14.9	4	63	0.1	4.6	8.2	872	2.81	0.5	1	1.9	3.3	171	0.1	2	0.4	29	2.86	0.145	15	7.7	0.9	306	0.002	2	0.75	0.063	0.18	1.6	0.01	3.1	0.16	3	0.5	0.1
KKM04001-210	222	222.9	0.9000000	0.2	9.7	4.9	74	0.1	4.8	8.9	836	2.84	0.5	1	0.8	3.1	195	0.1	2.1	0.1	24	2.9	0.141	13	4.1	0.92	550	0.001	3	0.61	0.052	0.19	0.4	0.01	2.9	0.1	2	0.5	0.1
KKM04001-211	222.9	223.8	0.9000000	0.9	12.4	3.6	52	0.1	4.2	8.8	909	2.95	0.5	0.8	2.6	2.9	155	0.1	3.4	2	12	3.77	0.137	10	5.7	1	382	0.001	5	0.47	0.051	0.23	1.2	0.01	2.9	0.23	1	0.5	0.1
KKM04001-212	223.8	225	1.2	0.7	8	2.8	52	0.1	3.5	7.3	866	2.63	0.5	0.9	0.5	3.4	168	0.1	1.9	0.1	16	3.35	0.14	15	3.6	0.94	297	0.001	5	0.49	0.052	0.23	0.3	0.01	3	0.07	1	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04002-001	18.2	18.8	0.6000000	0.5	1	2.9	51	0.1	2.9	7.3	954	2.47	0.5	0.8	0.5	3	94	0.1	0.8	0.1	17	3.3	0.127	11	6.1	0.99	363	0.001	5	0.49	0.031	0.22	0.8	0.01	3.4	0.05	1	0.5	0.1
KKM04002-002	18.8	19.1	0.3	0.7	1.1	3.1	63	0.1	3.9	8.7	1068	2.91	0.7	0.8	0.8	2.7	138	0.1	1	0.1	17	4.13	0.133	9	2.1	1.19	282	0.001	5	0.48	0.032	0.25	0.4	0.01	3.2	0.05	1	0.5	0.1
KKM04002-003	19.1	19.7	0.6	0.5	1.4	2.6	58	0.1	3.8	8.1	967	2.47	0.5	0.9	0.5	2.9	173	0.1	1.1	0.1	23	3.12	0.139	12	6.9	0.99	979	0.003	3	0.65	0.037	0.23	0.7	0.01	3.6	0.05	2	0.5	0.1
KKM04002-004	19.7	20.1	0.4000000	0.3	10.7	2.7	62	0.1	5.8	8.4	953	2.73	0.6	1	0.5	2.9	604	0.1	2.5	0.1	29	2.98	0.142	13	5	1.03	688	0.007	3	0.9	0.045	0.21	0.1	0.01	3.7	0.05	3	0.5	0.1
KKM04002-005	22.9	23.4	0.5	0.9	1.1	2.9	70	0.1	4.6	8.4	1522	3.19	0.6	0.9	0.5	2.8	282	0.1	0.7	0.1	35	4.95	0.129	14	9.7	1.09	489	0.004	3	1.44	0.035	0.18	0.6	0.01	3.4	0.05	5	0.5	0.1
KKM04002-006	28.2	28.8	0.6000000	1.7	34.6	7.5	57	0.4	3	7.7	955	2.94	1.9	1	6	2.7	111	0.1	6.3	5.4	14	3.3	0.134	10	3.3	0.89	232	0.001	3	0.57	0.032	0.22	0.3	0.01	3.1	0.43	2	0.5	0.1
KKM04002-007	28.8	29.6	0.8000000	1.1	2.5	2.8	51	0.1	3.6	7.2	913	2.58	0.6	0.6	1.2	2.6	120	0.1	1	0.2	14	3.27	0.131	11	6.1	0.81	278	0.002	4	0.56	0.032	0.23	1	0.01	3.3	0.05	1	0.5	0.1
KKM04002-008	29.6	30.2	0.6	0.4	1.4	2.6	50	0.1	3.4	7.5	923	2.49	0.6	0.8	0.9	2.8	152	0.1	1.1	0.1	14	3.39	0.127	13	4.8	0.93	716	0.001	5	0.53	0.029	0.25	0.9	0.01	3.1	0.05	1	0.5	0.1
KKM04002-009	30.2	30.8	0.6000000	0.3	3.3	3.8	50	0.1	2.7	6.8	875	2.47	0.6	0.9	2.8	2.8	155	0.1	1.6	2.1	13	3.08	0.127	12	3.7	0.85	448	0.001	5	0.54	0.031	0.26	0.4	0.01	3	0.13	1	0.5	0.1
KKM04002-010	30.8	31.6	0.8000000	0.1	2.4	3.2	55	0.1	3	7.3	944	2.47	1	1	0.5	3.1	514	0.1	1.6	0.1	21	2.98	0.128	13	6.2	0.94	680	0.003	5	0.66	0.043	0.26	0.1	0.01	3.3	0.05	2	0.5	0.1
KKM04002-011	36.8	38.3	1.5	0.5	2.2	3.1	50	0.1	3.3	7.8	928	2.45	0.8	1.1	0.5	2.9	562	0.1	1.5	0.1	16	3.26	0.136	12	4.5	0.94	673	0.001	5	0.51	0.036	0.22	0.7	0.01	3.6	0.05	1	0.5	0.1
KKM04002-012	38.3	38.6	0.3000000	3.5	2.4	5	47	0.2	2.9	7.3	836	2.33	0.7	0.9	2.4	2.7	300	0.1	1.5	0.2	11	4.05	0.115	12	3.3	0.75	1139	0.001	5	0.74	0.027	0.22	0.9	0.01	2.9	0.1	1	0.5	0.1
KKM04002-013	38.6	39.5	0.9	7.4	5.9	3	56	0.1	3.8	7.8	811	2.46	1.5	1	1	2.7	580	0.1	2.4	0.5	15	2.7	0.141	11	5.9	0.82	569	0.001	5	0.83	0.034	0.25	3.8	0.01	3.2	0.13	2	0.5	0.1
KKM04002-014	39.5	40.1	0.6000000	0.2	2.9	2.8	58	0.1	3.1	8.2	975	2.77	0.6	1	0.7	2.9	471	0.1	1.8	0.1	18	3.07	0.134	13	4.4	0.99	542	0.001	5	0.71	0.036	0.22	0.3	0.01	3.4	0.05	2	0.5	0.1
KKM04002-015	40.1	40.7	0.6000000	3.2	3.5	2.8	71	0.1	4.6	9.2	1002	3.09	0.9	1	0.5	2.8	494	0.1	1.9	0.1	22	3.02	0.153	11	10.2	1.09	608	0.001	5	1.02	0.037	0.22	0.8	0.01	4.5	0.05	3	0.5	0.1
KKM04002-016	40.7	41.3	0.6	0.2	2.9	4.1	74	0.1	3.7	9.4	899	2.96	0.7	0.7	0.5	3	365	0.1	1.8	0.1	26	2.19	0.14	12	7.4	0.98	322	0.002	4	1.04	0.035	0.2	1.6	0.01	3.9	0.05	4	0.5	0.1
KKM04002-017	41.3	42.4	1.1	0.7	21.3	22.1	61	0.6	3.9	8.4	947	3	0.7	0.7	52.8	2.3	228	0.1	3.4	41	16	3.42	0.146	7	5.7	1.07	331	0.001	5	0.65	0.028	0.23	1	0.01	4	0.05	2	0.6	0.1
KKM04002-018	42.4	43.2	0.8000000	0.4	6.2	3.8	53	0.1	2.7	8.1	1007	2.87	0.6	0.8	0.7	2.8	443	0.1	2.3	0.6	14	3.56	0.147	11	3.2	1.07	635	0.001	7	0.56	0.031	0.28	0.3	0.01	3.3	0.05	1	0.5	0.1
KKM04002-019	43.2	43.6	0.4	0.3	3.3	4.2	64	0.1	4.1	8.2	802	2.63	1.1	1	0.5	2.5	144	0.1	1.5	0.1	44	1.84	0.139	9	9.5	1	606	0.071	4	1.15	0.051	0.14	0.1	0.01	3.4	0.05	5	0.5	0.1
KKM04002-020	43.6	45	1.4	0.5	4.6	3.1	47	0.1	3	7	921	2.54	0.6	0.9	0.9	3.1	233	0.1	2.2	0.1	15	3.35	0.128	13	4.2	0.97	615	0.001	5	0.51	0.03	0.24	0.9	0.01	3.1	0.05	1	0.5	0.1
KKM04002-021	45	46.1	1.1	0.4	12.2	5.2	53	0.2	3.2	6.8	854	2.5	0.7	1.2	0.6	3.5	181	0.1	3.5	6.3	16	3.13	0.126	11	4.4	0.9	623	0.001	4	0.5	0.041	0.21	3.4	0.01	2.7	0.07	2	0.5	0.1
KKM04002-022	49.5	50.3	0.8	0.4	2.3	3.6	59	0.1	3.7	8.3	953	2.59	0.8	1.2	0.5	3.4	184	0.1	1.3	0.1	30	2.84	0.138	13	7.6	1.04	694	0.012	4	0.75	0.045	0.2	0.6	0.01	3.7	0.05	3	0.5	0.1
KKM04002-023	50.3	51.6	1.3	0.2	3.5	2.7	62	0.1	3.3	7.8	874	2.56	0.9	1	1.5	3	174	0.1	1.4	0.1	28	2.71	0.141	13	6.9	0.94	524	0.007	4	0.85	0.045	0.19	0.4	0.01	3.5	0.05	3	0.5	0.1
KKM04002-024	51.6	53.4	1.8	0.6	3.2	2.1	63	0.1	4.6	8.4	856	2.64	1	0.8	0.5	2.6	149	0.1	0.8	0.1	39	2.39	0.144	11	8.3	0.96	559	0.025	3	1.02	0.056	0.17	4	0.01	3.7	0.05	4	0.5	0.1
KKM04002-025	55.1	55.3	0.2	0.2	3	1.5	53	0.1	3.9	7.8	834	2.65	0.7	1.2	0.5	2.8	176	0.1	0.5	0.1	25	2.64	0.132	12	6.2	0.87	1009	0.001	4	1.06	0.043	0.24	0.1	0.01	2.7	0.05	4	0.5	0.1
KKM04002-026	57	58.2	1.2	4.4	5.7	3.6	57	0.1	3.7	8.3	903	2.72	0.9	1.1	3.8	2.7	169	0.1	1.3	2.4	30	2.98	0.138	11	8	0.91	676	0.006	5	0.86	0.037	0.27	0.8	0.01	3.3	0.18	3	0.5	0.1
KKM04002-027	59.4	60	0.6000000	0.2	10.1	6.4	49	0.1	3.5	7.7	844	2.64	18.7	1.5	32.1	3.9	170	0.1	2.3	5.5	17	3.09	0.149	11	3.9	0.84	179	0.001	4	0.55	0.029	0.26	6.2	0.01	3.4	0.37	2	0.5	0.1
KKM04002-028	61.8	62.3	0.5	1.5	11.3	5.3	53	0.1	4	8	852	2.81	3.1	1.1	9.3	2.6	253	0.1	1.7	13.2	33	2.76	0.131	9	8	0.92	411	0.027	3	0.69	0.048	0.26	29.4	0.01	3.7	0.37	3	0.5	0.1
KKM04002-029	62.3	62.6	0.3000000	24	11.5	7.6	42	0.2	2.9	7.4	826	2.68	6.5	1.2	97.2	2.2	254	0.1	3	6.6	9	3.05	0.133	6	4.5	0.85	69	0.001	5	0.45	0.027	0.27	18.1	0.01	3	0.79	1	0.5	0.1
KKM04002-030	62.6	63.4	0.8	2.5	8	4.7	57	0.1	3.8	8.3	865	2.78	1.8	1	5	2.5	274	0.1	1.3	8.4	30	2.73	0.137	10	8.8	0.92	501	0.016	2	0.7	0.051	0.25	19	0.01	3.6	0.29	3	0.5	0.1
KKM04002-031	64.5	64.9	0.4000000	0.6	4.4	4.2	51	0.1	14.1	8.3	915	2.94	0.5	1.2	0.5	2.6	254	0.1	0.9	0.1	21	3.36	0.127	12	6.7	1.15	1024	0.002	5	0.75	0.032	0.32	0.9	0.01	3.5	0.08	2	0.5	0.1
KKM04002-032	68.3	69	0.7000000	0.7	3.5	4.7	47	0.1	9.5	8.1	922	2.98	5.4	1.4	24.2	2.8	198	0.1	1.2	0.3	22	2.96	0.128	7	6.2	1.01	277	0.01	3	0.52	0.034	0.22	0.4	0.01	3.3	0.44	2	0.5	0.1
KKM04002-033	69	69.6	0.6	9.6	3354.5	465.9	583	91.5	7.7	14	235	2.62	115.4	0.3	27800	0.5	62	5.9	2000	124.2	3	0.83	0.028	1	10.1	0.27	46	0.001	1	0.21	0.01	0.11	2.6	1.49	0.7	2.15	1	3.3	0.1
KKM04002-034	69.6	70.1	0.5	4.5	86.2	60.6	33	2.4	4.6	9.5	457	3.07	46.3	0.8	3259	1.5	112	0.2	38.5	14.5	6	1.68	0.106	3	7.6	0.48	51	0.001	3	0.46	0.016	0.27	2.3	0.06	1.8	2	1	0.8	0.1
KKM04002-035	70.1	71.1	1	2.9	23.2	6.7	49	0.4	4.2	8.7	956	3.05	8.2	1	95.1	2.6	290	0.1	8.8	1.3	13	3.41	0.133	8	4	1.03	185	0.002	3	0.47	0.029	0.24	3.1	0.01	3.4	0.65	1	0.5	0.1
KKM04002-036	71.1	72.7	1.6	0.4	10.1	2.6	61	0.1	3.9	9	954	2.78	1.4	0.9	8.1	2.6	633	0.1	0.8	0.1	32	2.88	0.144	11	7.4	1.05	700	0.005	2	0.84	0.033	0.15	0.1	0.01	3.7	0.11	3	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04002	91.2	330	-60	512499.29	6066544	172.6	COMPLETE	05/10/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KKM04002-037	72.7	74.4	1.7	0.4	7	4.2	53	0.1	3.3	8	909	2.73	1.6	1.1	5.2	3.5	220	0.1	1.5	1.4	19	3.09	0.131	14	4.6	0.94	850	0.001	3	0.56	0.032	0.2	0.6	0.01	3.6	0.11	2	0.5	0.1
KKM04002-038	74.4	75.6	1.2	0.4	1.2	2.7	59	0.1	3.8	8.2	848	2.57	0.5	1.1	2.2	2.9	278	0.1	0.9	0.1	37	2.75	0.134	13	8.7	0.95	779	0.009	1	1.14	0.033	0.13	0.1	0.01	3.4	0.05	5	0.5	0.1
KKM04002-039	75.6	75.9	0.3000000	0.5	2.6	2.7	78	0.1	11.7	10.6	1015	3.33	1	0.9	5	2.9	215	0.1	1.3	0.1	54	2.4	0.144	11	21.7	1.35	1147	0.049	1	1.55	0.048	0.15	0.6	0.01	4.1	0.05	7	0.5	0.1
KKM04002-040	77.9	79	1.1	0.8	4.3	4.7	46	0.1	2.9	7.5	865	2.8	3.1	0.9	16.3	3	182	0.1	0.7	9	23	2.6	0.122	10	5.4	0.85	263	0.003	2	0.51	0.029	0.16	0.7	0.01	3.2	0.36	2	0.5	0.1
KKM04002-041	79	79.7	0.7000000	0.4	4.7	4.3	59	0.1	4.3	8.9	999	3.18	7	1.2	25.5	3.1	215	0.1	1.4	0.3	19	3.55	0.132	8	4.4	1.08	310	0.002	3	0.51	0.032	0.22	0.7	0.01	3.6	0.3	2	0.5	0.1
KKM04002-042	79.7	81.5	1.8	0.4	1.5	3.7	51	0.1	3	7.6	901	2.87	6.3	0.9	16.8	2.4	211	0.1	0.5	0.1	16	3.17	0.136	8	4.8	0.94	340	0.001	3	0.44	0.028	0.2	0.5	0.01	3.6	0.31	1	0.5	0.1
KKM04002-043	81.5	82.6	1.1	0.8	2.2	2.9	60	0.1	4.9	8.4	850	2.87	3.4	0.9	9.1	2.7	209	0.1	0.9	0.1	30	2.61	0.139	11	8.3	0.98	489	0.003	2	1.08	0.045	0.19	0.4	0.01	3.4	0.12	4	0.5	0.1
KKM04002-044	82.6	83.5	0.9000000	0.7	3.1	2.9	52	0.1	3.7	8.2	913	2.76	4.1	0.9	23.7	2.8	203	0.1	0.8	0.6	23	3.38	0.134	10	5.7	0.9	180	0.002	2	0.64	0.031	0.2	3.9	0.01	3.5	0.32	2	0.5	0.1
KKM04002-045	84.9	85.7	0.8	0.6	1.6	2.2	57	0.1	4.8	7.8	861	2.65	0.7	0.9	0.5	2.4	595	0.1	0.6	0.1	36	2.42	0.132	10	7.8	0.98	789	0.026	1	1.03	0.039	0.15	0.1	0.01	3.2	0.05	4	0.5	0.1
KKM04002-046	85.7	86.2	0.5	0.3	2	3.3	48	0.1	2.9	6.6	962	2.71	4	0.7	6.9	2.6	367	0.1	0.6	1	18	3.15	0.133	10	5.1	1.01	356	0.001	3	0.55	0.024	0.19	0.6	0.01	3.3	0.19	2	0.5	0.1
KKM04002-047	86.2	87	0.8	0.4	2.1	5.2	44	0.1	3.9	7.8	983	2.94	19.3	0.7	29.5	2.5	257	0.1	0.7	0.1	12	3.44	0.146	8	3.3	1.06	89	0.001	2	0.36	0.024	0.2	0.4	0.01	3.6	0.5	1	0.5	0.1
KKM04002-048	87	87.3	0.3	0.5	2.8	8.1	34	0.1	3.8	7.7	847	2.92	34.1	0.7	126.8	1.9	246	0.1	1	0.3	7	3.05	0.113	5	6	0.92	49	0.001	2	0.34	0.021	0.19	1.2	0.01	3	1.01	1	0.5	0.1
KKM04002-049	87.3	88.6	1.3	0.5	1.5	3.6	55	0.1	4.3	8.7	921	2.9	8.7	0.8	13.4	2.4	187	0.1	0.8	0.1	20	3.43	0.129	9	4.3	1.15	176	0.001	1	0.38	0.028	0.17	0.5	0.01	3.3	0.35	1	0.5	0.1
KKM04002-050	88.6	89.9	1.3000000	0.2	1.1	2.8	58	0.1	3.5	8.5	991	2.65	13.8	0.6	23.5	2.6	162	0.1	0.6	0.1	21	3.47	0.131	11	5.4	1.09	184	0.001	1	0.41	0.03	0.16	0.6	0.01	3.7	0.16	1	0.5	0.1
KKM04002-051	89.9	91.2	1.3	0.5	1.9	3.5	60	0.1	4.4	8.5	1061	2.95	1.7	0.9	5.9	3	249	0.1	1.1	0.1	32	3.62	0.139	15	6.4	1.06	232	0.002	1	0.59	0.038	0.15	0.3	0.01	4.1	0.05	3	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KKM04003-001	14.4	15	0.6	2.3	37.5	3.5	51	0.1	3.9	7	775	2.44	1	1.3	1.7	3.8	163	0.1	2.6	0.3	16	3.01	0.14	14	4.7	0.44	195	0.002	5	0.75	0.027	0.2	1.7	0.01	2.8	0.16	3	0.5	0.1
KKM04003-002	15.5	16.4	0.9	0.2	3.1	3.3	57	0.1	2.9	7.3	834	2.35	0.6	1.1	0.5	3.6	174	0.1	0.9	0.1	27	2.53	0.131	13	3.8	0.87	917	0.017	3	0.69	0.035	0.17	0.2	0.01	3.5	0.05	3	0.5	0.1
KKM04003-003	17	17.9	0.9	0.4	4.9	3.3	59	0.1	3.6	7.9	930	2.47	0.8	1.1	0.5	3.6	318	0.1	1.4	0.1	24	2.9	0.148	13	5	0.98	729	0.016	5	0.6	0.031	0.16	0.6	0.01	3.4	0.05	3	0.5	0.1
KKM04003-004	22.5	23.5	1	0.8	1.8	3.1	52	0.1	3.2	7.1	902	2.35	0.8	1	0.5	3.4	256	0.1	1	0.1	15	3.37	0.137	14	4.9	0.9	539	0.001	3	0.43	0.03	0.2	0.9	0.01	3.4	0.05	1	0.5	0.1
KKM04003-005	23.5	24.4	0.9	0.2	1.3	3.1	57	0.1	3	7.3	900	2.58	0.7	0.8	0.7	2.8	285	0.1	0.8	0.1	16	3.15	0.13	10	2.4	0.95	642	0.001	3	0.5	0.032	0.19	0.1	0.01	3.6	0.05	2	0.5	0.1
KKM04003-006	25.8	27.4	1.6	1.2	3.7	4.5	56	0.1	4	7.8	934	2.73	1.1	0.9	5.1	3.1	209	0.1	1.6	3	21	3.29	0.141	13	4.7	0.92	755	0.001	5	0.56	0.03	0.18	0.8	0.01	3.3	0.14	2	0.5	0.1
KKM04003-007	27.4	29.1	1.7	1	10.3	3.4	58	0.1	3.3	7.6	931	2.75	0.6	0.9	0.7	2.7	204	0.1	2.5	0.4	18	3.13	0.139	10	2.7	0.9	506	0.001	4	0.51	0.03	0.18	1.5	0.01	3.4	0.24	2	0.5	0.1
KKM04003-008	29.1	30.5	1.4	2.4	14.2	4.1	56	0.1	4.1	7.7	827	2.65	0.5	0.9	0.5	2.7	143	0.1	2.5	0.8	28	2.53	0.147	10	6.3	0.87	290	0.003	4	0.78	0.039	0.19	1.5	0.01	3.6	0.39	3	0.5	0.1
KKM04003-009	33.5	35	1.5	0.2	3.8	3.8	58	0.1	3.4	7.4	936	2.7	0.5	0.7	0.5	3.2	195	0.1	1.8	0.1	21	3.11	0.132	13	3	0.97	952	0.002	4	0.56	0.035	0.19	0.2	0.01	3.3	0.09	2	0.5	0.1
KKM04003-010	35	36.6	1.6	4.4	23.2	4.6	47	0.1	3.7	8	794	2.68	0.9	0.9	1.7	3.2	148	0.1	7.7	1.3	13	2.96	0.143	9	3.7	0.78	181	0.001	5	0.49	0.032	0.22	1	0.01	2.8	0.69	1	0.5	0.1
KKM04003-011	36.6	38	1.4	0.2	8.6	3.9	52	0.1	3.2	7.4	961	2.83	0.6	1.1	0.5	3.2	156	0.1	3.4	0.3	14	3.46	0.135	9	2.5	0.98	500	0.001	3	0.37	0.031	0.18	0.3	0.01	3.3	0.19	1	0.5	0.1
KKM04003-012	38	39.6	1.6	0.4	1.1	3.1	56	0.1	2.9	7.1	933	2.64	0.6	0.8	0.5	2.8	223	0.1	1.2	0.1	17	3.51	0.132	11	3.5	1.07	1076	0.001	4	0.45	0.031	0.18	0.6	0.01	3.4	0.05	2	0.5	0.1
KKM04003-013	41.9	42.9	1	0.4	11.6	3.1	59	0.1	3.4	8.6	911	2.92	0.8	0.9	0.6	3.3	161	0.1	2.6	0.2	20	3.3	0.151	13	2.9	0.95	578	0.002	3	0.59	0.027	0.23	13.3	0.01	3.9	0.16	2	0.5	0.1
KKM04003-014	44	45.1	1.1	0.6	3.6	2.9	52	0.1	3.9	10.4	900	3.19	0.6	0.9	1.5	2.4	136	0.1	1.1	0.5	18	3.2	0.154	9	4.3	0.87	103	0.003	3	0.61	0.026	0.22	15.3	0.01	3	1.02	2	0.5	0.1
KKM04003-015	53.6	53.9	0.3	0.3	34.2	4.8	47	0.1	2.9	6.6	913	2.59	1.8	1	0.7	2.5	222	0.1	5.3	0.2	12	4.15	0.129	10	2.1	0.83	173	0.001	2	0.57	0.016	0.24	0.3	0.01	2.1	0.28	2	0.5	0.1
KKM04003-016	55.7	56.5	0.8	23.1	37.4	4	46	0.1	3.8	7.5	907	3.04	2.7	1.6	8.4	2.2	331	0.1	8.2	1	14	3.13	0.16	7	3.2	0.96	88	0.003	2	0.55	0.03	0.22	7.2	0.01	3.1	1.27	2	0.6	0.1
KKM04003-017	58.1	59.6	1.5	0.4	5.6	2.7	46	0.1	3	6.9	845	2.5	0.6	0.8	1.1	3	183	0.1	1.2	1.1	14	3.18	0.14	12	2	0.85	750	0.001	2	0.51	0.023	0.25	6.2	0.01	2.6	0.13	2	0.5	0.1
KKM04003-018	61.9	62.9	1	0.5	6.7	3	53	0.1	3.4	7	949	2.68	0.7	1.4	3.4	3.4	171	0.1	1.3	0.2	11	3.73	0.138	11	2.8	0.94	308	0.001	3	0.42	0.018	0.23	0.8	0.01	2.7	0.06	1	0.5	0.1
KKM04003-019	62.9	63.7	0.8000000	0.3	3.8	3.2	54	0.1	3.5	7.1	954	2.49	0.5	1.1	0.7	3.3	170	0.1	1	0.1	16	3.39	0.138	13	4	0.94	313	0.001	3	0.46	0.021	0.19	0.6	0.01	3	0.06	2	0.5	0.1
KKM04003-020	64.7	65.4	0.7000000	0.4	5.9	4.5	47	0.1	3.5	7.5	934	2.98	40.2	0.7	99.3	1.6	159	0.1	1.6	0.3	7	3.5	0.114	3	1.1	1	130	0.001	3	0.34	0.013	0.19	0.4	0.01	2.3	0.89	1	0.5	0.1
KKM04003-021	65.4	65.7	0.3	0.9	3.8	4.1	45	0.1	3.8	6.9	913	2.95	18.8	0.8	39.2	2	166	0.1	1.4	0.1	10	3.75	0.121	5	3.1	1.05	54	0.001	4	0.37	0.016	0.2	1.1	0.01	3.3	0.49	1	0.5	0.1
KKM04003-022	65.7	67.1	1.4	1.1	8.6	5.5	46	0.1	3.4	7.9	903	2.83	9	1.3	22.3	3.1	170	0.1	2.1	1.2	13	3.41	0.144	10	1.3	0.94	212	0.001	3	0.42	0.023	0.22	0.7	0.01	3.4	0.37	1	0.5	0.1
KKM04003-023	70.1	71	0.9000000	0.5	8	2.9	53	0.1	3.3	7	901	2.57	0.5	0.8	0.8	2.8	235	0.1	1.6	0.2	16	3.17	0.123	12	3.2	0.91	999	0.001	2	0.49	0.029	0.19	0.5	0.01	2.8	0.07	2	0.5	0.1
KKM04003-024	71	71.4	0.4000000	3	45.9	9.6	53	0.5	3.3	9.4	953	2.91	1	0.9	44.7	2.7	161	0.1	8.3	8.7	10	3.81	0.142	8	2	1.05	339	0.001	5	0.47	0.023	0.26	0.6	0.01	3	0.39	1	0.5	0.1
KKM04003-025	71.4	73	1.6	0.9	7.6	2.9	54	0.1	3	7.3	855	2.47	0.5	1.4	0.5	3.9	147	0.1	1.9	0.2	14	3.02	0.132	14	1.9	0.87	395	0.002	4	0.43	0.029	0.22	0.3	0.01	2.8	0.05	1	0.5	0.1
KKM04003-026	73	74.4	1.4	2.4	9.2	3.4	54	0.1	3	7.1	790	2.41	0.5	1.1	0.5	3.9	152	0.1	2.2	0.1	16	2.77	0.122	14	2.3	0.8	773	0.001	2	0.38	0.028	0.2	0.2	0.01	2.3	0.09	1	0.5	0.1
KKM04003-027	74.4	75.6	1.2	3.6	9.6	3	49	0.1	3.4	6.5	883	2.56	0.5	0.7	0.5	3.3	152	0.1	2.6	0.2	14	3.18	0.121	9	3.3	0.91	712	0.001	3	0.42	0.034	0.2	0.7	0.01	2.8	0.12	1	0.5	0.1
KKM04003-028	75.6	76.5	0.9000000	1	3.8	10.7	47	0.1	3	6.4	868	2.69	5.2	1.1	11.5	3.2	153	0.1	1.3	0.1	12	3.25	0.125	7	1	0.9	388	0.001	5	0.41	0.028	0.22	0.3	0.01	2.8	0.26	1	0.5	0.1
KKM04003-029	76.5	77	0.5	1.5	152.5	648.1	2587	2.3	3.6	6.5	786	2.47	41.7	0.9	89.8	2.4	197	13	94.9	1.9	8	2.87	0.118	6	4.4	0.79	68	0.001	3	0.4	0.019	0.23	1.5	0.7	2.7	0.68	1	0.7	0.1
KKM04003-030	77	78.1	1.1	0.6	5.4	6.4	54	0.1	2.7	7.2	942	2.98	10.3	1.3	18.8	2.9	259	0.1	2	0.1	12	3.85	0.125	8	1.1	1.09	64	0.001	3	0.37	0.021	0.21	0.4	0.01	3.3	0.25	1	0.5	0.1
KKM04003-031	80.1	80.8	0.7000000	1.1	5	7.2	48	0.1	4.3	7.8	1031	2.86	15.6	1.1	105.4	2.6	201	0.1	1.7	0.3	9	3.43	0.129	6	2.2	0.93	49	0.001	3	0.34	0.02	0.19	0.8	0.01	3.4	0.48	1	0.5	0.1
KKM04003-032	80.8	81.6	0.8	2.7	17.9	74.4	43	1.1	5.4	9.8	890	3.25	49.1	1.2	726.4	2.6	218	0.2	7.3	3.2	8	3.25	0.13	4	3.2	0.86	45	0.001	3	0.42	0.018	0.2	0.5	0.02	3.2	1.2	1	0.7	0.1
KKM04003-033	81.6	82	0.4000000	1.1	14	13	41	0.3	4	6.9	904	2.74	17.3	1	33.6	2.6	205	0.1	4.9	0.4	10	3.4	0.13	6	2.5	0.91	41	0.001	4	0.38	0.014	0.2	0.9	0.01	3.4	0.52	1	0.5	0.1
KKM04003-034	82	82.9	0.9000000	1.2	30	54.6	42	1.4	3.9	7.6	930	3.13	10.2	1.1	51.9	2.7	229	0.2	13.3	60.5	9	3.54	0.121	6	3.5	0.96	64	0.001	4	0.38	0.016	0.19	0.6	0.03	3.1	0.74	1	1.1	0.1
KKM04003-035	82.9	83.2	0.3	3.4	29.3	10.3	53	0.8	4.3	8.1	908	3.1	27.9	0.9	74.5	2	239	0.2	11.5	7.5	10	3.58	0.12	5	3.1	0.93	52	0.001	4	0.37	0.022	0.2	1.1	0.02	3.3	0.81	1	0.5	0.1
KKM04003-036	83.2	84.5	1.3	1.7	20.4	4.4	51	0.3	4.4	8.1	932	3.18	12.2	0.8	25.9	2.4	231	0.1	7.7	0.9	11	3.69	0.128	6	3.1	1.01	90	0.001	3	0.35	0.022	0.18	0.6	0.02	3.5	0.59	1	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04003-037	84.5	86	1.5	0.5	4.3	3.7	43	0.1	3.9	7.4	861	2.85	12.4	1	22.2	2.8	234	0.1	1.4	0.2	10	3.42	0.116	7	2.9	0.93	74	0.001	4	0.39	0.023	0.18	0.9	0.01	3.2	0.46	1	0.5	0.1
KKM04003-038	86	87.6	1.6	0.6	11.8	5	41	0.1	3.9	7.5	856	2.94	18.8	0.9	32.3	2.7	207	0.1	3.8	1.6	12	3.34	0.12	7	3.3	0.95	127	0.001	4	0.41	0.03	0.2	0.7	0.01	3.4	0.57	1	0.5	0.1
KKM04003-039	87.6	88.6	1	2.4	28	4.5	47	0.4	4.8	8.5	925	3.03	16.6	1	76.2	2.7	192	0.1	11.3	0.6	12	3.53	0.128	6	2.6	0.99	111	0.001	4	0.39	0.026	0.19	0.9	0.01	3.3	0.74	1	0.5	0.1
KKM04003-040	88.6	90.2	1.6	3.8	3.5	3.3	43	0.1	3.8	7.4	820	2.82	18	1.3	26.3	3.4	171	0.1	1.2	0.1	12	3.25	0.118	8	3.1	0.89	233	0.001	4	0.38	0.027	0.2	0.4	0.01	3.3	0.43	1	0.5	0.1
KKM04003-041	90.2	91.5	1.3	2.7	5.3	3.2	51	0.1	4.2	8.5	839	2.79	7.9	1.1	10	3.6	159	0.1	1.8	0.2	15	3.06	0.132	10	3	0.87	374	0.001	3	0.39	0.031	0.19	0.7	0.01	3.4	0.21	1	0.5	0.1
KKM04003-042	91.5	93	1.5	4.7	6.5	3	57	0.1	4.1	8.2	849	2.77	0.6	1.1	2	3.7	194	0.1	1.9	0.2	16	3.24	0.125	11	4.1	0.93	898	0.001	4	0.39	0.032	0.19	0.4	0.01	3.4	0.12	1	0.5	0.1
KKM04003-043	93	94.2	1.2	4.1	10.9	3.5	51	0.1	3.6	8.4	870	2.74	1.5	1	6.6	3.9	154	0.1	3.2	0.1	16	3.17	0.135	12	3.9	0.92	670	0.001	4	0.39	0.033	0.18	0.6	0.01	3.6	0.16	1	0.5	0.1
KKM04003-044	94.2	95.3	1.1	4.3	6.2	3.2	52	0.1	3.5	7.9	827	2.67	0.5	0.9	0.5	3.4	135	0.1	1.8	0.1	14	3.14	0.126	11	3.2	0.92	589	0.001	3	0.36	0.031	0.17	0.2	0.01	3.2	0.08	1	0.5	0.1
KKM04003-045	95.3	96.4	1.1	3.3	16.3	3.5	58	0.1	4.2	8.4	974	3.01	0.5	0.8	0.6	3.1	173	0.1	3.6	0.3	16	3.7	0.121	9	4	1.07	541	0.001	3	0.4	0.031	0.18	0.6	0.01	3.5	0.21	1	0.5	0.1
KKM04003-046	96.4	97.6	1.2	5.5	18.4	6.4	45	0.1	4.1	8.6	869	3.06	6.7	0.8	23.2	2.5	188	0.1	5.2	7.4	10	3.45	0.131	7	2.9	0.95	163	0.001	4	0.41	0.028	0.21	0.4	0.01	3.1	0.8	1	0.5	0.1
KKM04003-047	97.6	98.5	0.9000000	3	27.1	3.5	46	0.2	3.7	7.8	874	2.96	7.5	0.6	35.2	2.1	217	0.1	9.6	1.1	11	3.59	0.128	6	2.2	0.99	72	0.001	3	0.41	0.023	0.2	0.7	0.01	3.6	0.63	1	0.5	0.1
KKM04003-048	98.5	99.5	1	11	27.3	4.7	53	0.4	3.8	8.4	938	3.12	8.9	1.3	45.3	2.5	219	0.1	9.6	1.4	12	3.75	0.141	7	2.6	1.05	113	0.001	3	0.39	0.024	0.2	0.5	0.01	3.4	0.52	1	0.5	0.1
KKM04003-049	99.5	100.6	1.1	30.5	44	8	51	0.7	5.5	9.3	885	3.07	8.7	1.1	135.8	2.2	320	0.1	15.2	1.8	11	3.56	0.132	4	2.8	0.92	168	0.001	3	0.49	0.018	0.19	1.1	0.01	2.7	0.66	1	0.5	0.1
KKM04003-050	100.6	102.1	1.5	2.6	17.7	3.6	46	0.1	4.8	8.4	756	2.75	1.3	1	24.9	3.5	168	0.1	2	0.4	14	2.98	0.127	10	4	0.86	355	0.001	3	0.52	0.029	0.19	0.3	0.01	3.1	0.27	1	0.5	0.1
KKM04003-051	102.1	103.6	1.5	3.3	64	3.4	59	0.1	5.7	8.8	884	3.03	0.7	0.7	1.2	2.3	169	0.1	2.8	0.4	16	3.48	0.137	8	4.2	1.02	360	0.001	3	0.54	0.029	0.17	0.4	0.01	3.4	0.23	2	0.5	0.1
KKM04003-052	103.6	104.5	0.9000000	2.9	74.2	3.5	47	0.2	4.7	7.8	830	2.68	0.5	0.6	1.2	3.5	220	0.1	2.2	0.4	13	3.27	0.138	13	3.7	0.9	339	0.001	4	0.48	0.031	0.2	0.8	0.01	3.2	0.36	1	0.5	0.1
KKM04003-053	105.5	106.7	1.2	8.4	46.6	3.4	59	0.1	4.6	8.3	849	2.95	0.5	0.7	1.7	2.7	203	0.1	3.1	0.2	19	3.27	0.13	11	5.5	0.98	561	0.001	4	0.73	0.032	0.2	0.3	0.01	3.4	0.21	2	0.5	0.1
KKM04003-054	106.7	107.5	0.8	18.6	50.1	3.2	57	0.1	5.7	8.8	837	2.89	0.5	0.7	4.3	2.7	187	0.1	1.8	0.3	24	3.12	0.134	11	5.6	0.99	425	0.001	5	0.76	0.033	0.22	1	0.01	3.3	0.29	3	0.5	0.1
KKM04003-055	107.5	108.2	0.7000000	16	70.9	3.8	60	0.1	5.2	8.5	819	2.85	0.5	0.9	0.5	3.3	249	0.1	1.7	0.3	23	2.99	0.137	13	6	0.97	480	0.002	5	0.7	0.034	0.19	0.5	0.01	3.2	0.23	2	0.5	0.1
KKM04003-056	112.8	113.8	1	9.6	51.1	3.9	45	0.4	5.4	10.3	808	2.99	7.7	0.9	493.6	2.6	133	0.1	4.3	1	13	3.08	0.129	6	4.4	0.91	137	0.001	4	0.57	0.031	0.23	0.8	0.01	2.8	0.85	2	0.8	0.1
KKM04003-057	113.8	114.6	0.8	27.7	161.5	7.8	52	1.5	5.6	10.4	795	3.02	6.6	1.1	1976	2.6	137	0.1	36.5	2.7	13	3.07	0.129	7	4.4	0.91	78	0.001	4	0.47	0.033	0.21	0.4	0.05	3	0.92	1	0.9	0.1
KKM04003-058	114.6	115.2	0.6000000	37.2	44.2	11.7	36	0.6	5.2	10.5	722	2.84	5.4	1.3	700.6	2.5	109	0.1	10	2.3	10	2.69	0.128	6	4	0.8	96	0.001	4	0.46	0.028	0.24	1.3	0.02	2.2	1.23	1	1	0.1
KKM04003-059	115.2	115.9	0.7000000	20.7	82.1	4.4	41	0.4	5.1	8.7	833	2.91	2.7	1.2	109	2.4	141	0.1	6.9	0.7	14	3.13	0.13	7	5.2	0.92	127	0.001	4	0.52	0.034	0.24	0.2	0.02	2.8	0.77	2	0.6	0.1
KKM04003-060	115.9	116.3	0.4	15.3	73.8	5.4	31	0.5	3.7	7.8	488	2.07	3.9	1	465.1	2.1	102	0.1	5.1	1.7	13	1.92	0.087	6	5.8	0.56	149	0.002	5	0.4	0.028	0.19	1.5	0.01	1.7	0.67	1	0.5	0.1
KKM04003-061	116.3	117.8	0	16	107.4	6.7	41	0.5	4.6	8.6	843	2.67	0.8	0.9	38.4	2.4	227	0.1	4.2	4.5	17	3.42	0.127	9	4.8	0.89	270	0.002	3	0.81	0.036	0.19	0.8	0.02	3.2	0.53	3	0.5	0.1
KKM04003-062	120.5	122	1.5	70.9	87	4.2	47	0.2	4.3	8.4	779	2.65	0.5	0.7	2.9	2.8	164	0.1	3.7	0.3	12	3.27	0.132	10	4	0.89	258	0.002	4	0.61	0.034	0.23	0.4	0.01	2.8	0.55	2	0.5	0.1
KKM04003-063	122	122.7	0.7000000	12.4	36.7	3.5	53	0.1	5.8	9	769	2.77	1.8	1.1	75.9	3.1	353	0.1	1.9	0.4	43	2.48	0.125	13	10.3	0.97	278	0.006	4	0.98	0.046	0.18	0.7	0.01	3.8	0.43	4	0.5	0.1
KKM04003-064	122.7	123.6	0.9	67.8	77.8	4.1	53	0.1	4.6	7.6	825	2.71	0.8	0.8	1.4	2.7	160	0.1	4.1	0.2	15	3.33	0.129	10	5.3	0.94	226	0.001	4	0.6	0.045	0.24	0.3	0.01	3.2	0.49	2	0.5	0.1
KKM04003-065	126.1	126.9	0.8000000	22.9	54.7	3.3	44	0.1	4.7	7.5	787	2.42	0.8	1.1	3.6	3	211	0.1	2	0.2	17	3.21	0.135	12	4.7	0.9	378	0.002	4	0.71	0.035	0.29	0.8	0.01	2.7	0.35	2	0.5	0.1
KKM04003-066	126.9	127.1	0.2	13.5	32.2	27.7	12	4.1	8.9	13.8	273	2.45	15.1	1.4	7750	1.3	91	0.1	4.4	23.8	10	1.11	0.05	2	4.6	0.3	30	0.004	3	0.7	0.016	0.42	100	0.01	0.9	2.02	2	2.1	0.1
KKM04003-067	127.1	128	0.9000000	9.5	34.1	3.7	42	0.2	6	9.9	1155	2.74	5.6	1.2	130.8	2.2	150	0.1	1.6	0.7	23	2.86	0.129	6	8.4	0.92	72	0.002	2	0.86	0.031	0.27	6.3	0.01	3.1	1.08	2	0.5	0.1
KKM04003-068	128	129.4	1.4	26.1	35.1	3.9	63	0.1	5.9	10.5	971	3.28	3	1.2	19.3	2.4	272	0.1	1	0.4	51	3.27	0.139	8	12.5	1.13	192	0.007	1	1.25	0.034	0.15	5.7	0.01	4.1	0.56	5	0.5	0.1
KKM04003-069	129.4	130.9	1.5	4.6	32.5	3.7	60	0.1	7.4	9	995	2.84	0.8	1.2	4.3	2.9	353	0.1	1.2	0.2	33	4.15	0.127	11	10.2	0.96	416	0.002	3	1.04	0.038	0.2	1.4	0.01	3.3	0.23	4	0.5	0.1
KKM04003-070	130.9	131.7	0.8	0.4	13.9	3.8	61	0.1	6.3	10.3	865	3.18	1.3	1.1	9.4	3.3	264	0.1	1.4	0.3	45	3.24	0.127	10	10.8	0.95	173	0.003	3	1.18	0.035	0.16	0.9	0.01	3.8	0.58	5	0.5	0.1
KKM04003-071	131.7	132.3	0.6000000	0.9	11.6	3.6	49	0.2	6.4	9.5	860	2.77	1.9	1.3	25.5	2.8	247	0.1	2.3	0.4	23	3.82	0.129	10	8	0.77	178	0.001	5	1.16	0.028	0.2	1	0.01	2.9	0.74	3	0.5	0.1
KKM04003-072	134.1	134.6	0.5	0.3	17.7	5.7	54	0.1	5.8	8.7	1048	3.07	2.9	1	2.1	3.1	287	0.1	0.7	0.1	56	4.61	0.115	17	12.9	1.03	262	0.006	3	1.43	0.045	0.16	0.4	0.01	3.7	0.11	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04003-073	134.6	135.8	1.2000000	0.5	10.7	4.5	69	0.1	7.7	10.2	885	3.23	1.7	1	0.5	3.1	227	0.1	1.4	0.1	63	2.74	0.133	12	18.1	1.17	83	0.013	2	1.38	0.063	0.1	0.4	0.01	3.6	0.07	7	0.5	0.1
KKM04003-074	135.8	136.1	0.3	0.5	24.2	13.9	59	0.1	4.9	9.2	858	3.03	9.4	0.6	2.7	2.8	282	0.2	4.1	0.3	37	3.72	0.126	12	9	1.03	86	0.002	3	1.24	0.036	0.17	1.1	0.01	2.6	0.56	6	0.5	0.1
KKM04003-075	137	137.6	0.6	0.2	28	6.2	81	0.1	5.9	9.4	887	3.16	1.8	0.9	1	3.1	210	0.1	1.6	0.2	46	2.51	0.128	9	11.3	1.1	275	0.068	3	1.32	0.041	0.15	1.4	0.01	2.8	0.24	7	0.5	0.1
KKM04003-076	137.6	138.3	0.7000000	0.9	22.9	31.8	103	0.1	22.5	13.4	1151	3.98	3.7	1.1	0.6	3.1	428	0.4	2.4	0.1	80	4.23	0.369	28	47.7	1.75	574	0.18	2	1.63	0.074	0.27	2.1	0.01	6.3	0.09	9	0.5	0.1
KKM04003-077	138.3	138.9	0.6	1.8	19.6	57.4	87	0.1	22.5	13.3	862	4.11	2.3	0.9	1	2.7	364	0.3	2.6	0.2	85	2.71	0.414	27	39	1.94	547	0.132	2	1.68	0.087	0.26	1.8	0.01	5.4	0.07	9	0.5	0.1
KKM04003-078	138.9	139.4	0.5	1.4	22.7	37	102	0.1	40.8	15.8	806	4.77	2.5	0.7	0.5	2.1	444	0.1	1.5	0.1	110	2.98	0.579	43	74.9	2.36	877	0.104	1	1.67	0.073	0.41	0.6	0.01	5.5	0.07	11	0.5	0.1
KKM04003-079	148.3	148.6	0.3	2	29.1	6.5	80	0.1	59.8	21.1	704	5.24	0.5	0.2	2.4	0.5	403	0.1	1.1	0.1	119	2.5	0.452	41	68.4	2.58	1115	0.164	1	1.91	0.092	0.41	0.3	0.01	4.4	0.07	11	0.5	0.1
KKM04003-080	148.6	148.8	0.2000000	2.3	18.1	5.9	66	0.1	38	15.6	700	4.29	1.5	0.5	0.5	0.9	300	0.1	1	0.1	104	2.16	0.317	33	49.2	1.99	445	0.166	2	1.63	0.086	0.21	0.6	0.01	4.7	0.05	9	0.5	0.1
KKM04003-081	148.8	149.7	0.9	3.3	14.8	6	47	0.1	7.5	9.2	585	3.13	2.7	1.1	0.7	2.6	264	0.1	1	0.1	72	1.59	0.129	13	16.4	1.22	307	0.108	4	1.28	0.08	0.09	0.6	0.01	4.7	0.13	7	0.5	0.1
KKM04003-082	149.7	150.2	0.5	1.2	21.1	15.3	89	0.1	32.9	15.3	748	4.32	1.1	1.3	6.2	2.5	312	0.1	1.7	0.1	125	2.52	0.384	48	62	2.05	405	0.172	2	1.62	0.078	0.45	0.7	0.01	6.9	0.46	12	0.5	0.1
KKM04003-083	150.2	150.9	0.7000000	0.4	25.3	10.6	56	0.1	6.9	8.4	550	2.87	2.4	1.2	0.5	2.8	261	0.4	1.2	0.1	67	1.12	0.13	10	15.5	1.1	63	0.103	4	1.14	0.086	0.09	1.7	0.01	3.1	0.29	7	0.5	0.1
KKM04003-084	150.9	152.4	1.5	0.6	23.9	15.4	61	0.1	6.5	8.1	545	2.93	2.3	1.3	1.2	3.2	271	0.3	1.9	0.1	64	1.32	0.139	10	18.1	1.22	112	0.106	5	1.31	0.107	0.13	1.6	0.01	3.7	0.21	7	0.5	0.1
KKM04003-085	152.4	153.6	1.2	0.4	39.5	4.6	65	0.1	6.5	8.5	720	3.07	1.5	1.3	1.7	3	1651	0.1	2.4	0.3	61	2.35	0.131	8	15.1	1.13	241	0.084	4	1.37	0.052	0.13	0.9	0.01	4.4	0.15	8	0.5	0.1
KKM04003-086	153.6	154.9	1.3000000	1.4	50.5	3.7	58	0.1	7.1	9.5	711	3.02	2.4	1.2	1.4	2.9	643	0.1	1.7	0.4	62	2.3	0.126	8	16.9	1.11	159	0.102	3	1.36	0.06	0.13	1.3	0.01	4.3	0.18	6	0.6	0.1
KKM04003-087	154.9	155.9	1	0.8	33.1	4.4	59	0.1	7.5	8.9	784	2.94	32.2	1.2	1.7	3.2	391	0.1	78	0.3	49	3.28	0.132	9	14.4	1.04	350	0.05	4	1.44	0.057	0.2	1.5	0.01	3.7	0.24	6	0.5	0.1
KKM04003-088	155.9	156.2	0.3	8.2	78.3	20.2	30	2.6	7.1	26.2	631	6.66	8.9	1.5	1460	2.4	153	0.1	1.9	19.8	24	2.89	0.116	9	6.8	0.73	23	0.005	2	1.45	0.028	0.38	0.6	0.01	2.6	5.52	4	5.5	0.1
KKM04003-089	156.2	156.9	0.7000000	2	28.8	4.3	40	0.1	5.5	9.1	1007	2.85	2.1	1.9	14.7	3.1	173	0.1	1.5	0.8	38	3.66	0.149	15	9.6	0.99	127	0.005	2	1.51	0.032	0.29	0.5	0.01	3.5	0.88	6	0.5	0.1
KKM04003-090	156.9	157.7	0.8	6.1	31.8	4.6	59	0.1	6.5	9.4	972	3	2.2	1	3.6	2.6	2240	0.1	2.4	0.2	64	3.2	0.138	12	15.8	1.11	361	0.086	1	1.33	0.037	0.12	0.1	0.01	4.7	0.32	7	0.5	0.1
KKM04003-091	157.7	158.5	0.8000000	16.8	32.4	6.9	62	0.1	7.4	8.9	948	3.13	2	1	0.9	2.8	184	0.1	1.5	0.2	60	3.05	0.131	12	16.8	1.11	404	0.018	2	1.45	0.04	0.16	0.4	0.01	4.6	0.3	7	0.5	0.1
KKM04003-092	158.5	159	0.5	14.3	597.3	115.8	45	20.8	6.2	10.4	888	2.85	5.3	1.2	4640	3	157	0.4	10.3	79.1	27	3.22	0.132	13	8	0.75	107	0.002	2	1.3	0.019	0.29	0.6	0.03	2.4	1.02	4	1.3	0.1
KKM04003-093	159	159.2	0.2	0.4	437	12.2	35	1.7	5.1	13.7	694	2.76	8.8	1.1	1570	3	163	0.1	2.7	3.8	18	2.68	0.135	11	6.4	0.7	76	0.002	1	1.11	0.02	0.27	0.3	0.01	2.2	1.39	3	1.1	0.1
KKM04003-094	159.2	159.6	0.4000000	0.6	1084.3	147.9	49	36.2	6.9	30.1	935	4.05	30.3	1.1	9800	3.1	211	0.8	10.2	114.3	20	3.94	0.121	9	8.4	0.86	40	0.002	1	1.43	0.017	0.26	0.9	0.08	2.1	2.23	3	3.9	0.1
KKM04003-095	159.6	159.9	0.3000000	0.3	64	4.2	55	0.3	6.1	9.1	827	2.88	0.9	1.1	39.9	2.9	209	0.1	0.9	1.1	49	2.96	0.129	12	12.1	0.94	389	0.003	3	1.39	0.034	0.25	0.2	0.01	3.5	0.32	5	0.5	0.1
KKM04003-096	159.9	161.2	1.3	4.6	74	2.9	62	0.1	5.6	9.2	825	2.88	0.9	1	8.6	2.7	167	0.1	0.6	0.4	47	2.79	0.118	12	11.4	0.98	324	0.005	2	1.29	0.028	0.14	0.1	0.01	3.2	0.33	6	0.5	0.1
KKM04003-097	161.2	161.9	0.7000000	5.5	46.3	2.3	54	0.1	7	8.9	871	2.73	0.8	0.7	5.4	3	158	0.1	0.9	0.5	36	3.6	0.125	13	15	0.7	145	0.002	2	1.22	0.035	0.2	1	0.01	3.1	0.35	5	0.5	0.1
KKM04003-098	161.9	162.2	0.3	0.4	35.6	3.4	38	0.1	5.3	6.3	1290	2.51	0.5	0.7	2.1	3.1	286	0.1	1.2	0.1	29	6.75	0.115	15	9.6	0.3	104	0.001	1	0.68	0.034	0.17	0.4	0.01	3.1	0.11	3	0.5	0.1
KKM04003-099	162.2	162.6	0.4000000	0.8	35.4	2.5	65	0.1	8.3	9.3	872	3.06	1.4	1.3	3.4	3.5	227	0.1	0.7	0.2	49	2.75	0.118	13	16.4	1.04	524	0.003	2	1.54	0.04	0.2	0.6	0.01	3.6	0.2	7	0.5	0.1
KKM04003-100	162.6	163.7	1.1	4.1	31.7	2.5	62	0.1	5.9	9.8	831	2.89	1.3	1.1	2.8	2.9	440	0.1	0.9	0.2	49	2.78	0.122	13	15	1	497	0.006	2	1.34	0.035	0.15	0.2	0.01	3.7	0.25	6	0.5	0.1
KKM04003-101	165	165.4	0.4000000	0.7	39.3	1.7	69	0.1	7.3	10.4	857	3.01	3.4	1	1.5	3	158	0.1	2.6	0.2	43	2.81	0.126	16	16.5	1.07	320	0.004	2	1.59	0.039	0.16	1.1	0.01	3.7	0.2	7	0.5	0.1
KKM04003-102	165.4	166.5	1.1	0.3	56.6	2.3	63	0.1	6.1	9.6	831	2.91	1.5	1.1	1.5	2.8	181	0.1	1.5	0.2	50	2.63	0.131	16	13.9	1.03	528	0.016	3	1.37	0.032	0.13	0.4	0.01	3.2	0.19	7	0.5	0.1
KKM04003-103	166.5	167.7	1.2	0.5	42	2.9	63	0.1	7.2	10.1	821	3.03	1.4	1	6.6	2.7	175	0.1	0.7	0.3	54	2.55	0.136	14	14.7	1.03	429	0.009	2	1.36	0.038	0.15	0.5	0.01	3.6	0.3	7	0.5	0.1
KKM04003-104	167.7	168.7	1	0.2	49.4	3	65	0.1	7.3	10.2	889	3.11	1.8	0.8	2	2.2	274	0.1	1.3	0.2	54	3.06	0.139	11	15.5	1.06	279	0.028	3	1.4	0.041	0.14	5.1	0.01	3.7	0.39	7	0.5	0.1
KKM04003-105	168.7	169.2	0.5	1.3	32.6	5.9	97	0.1	32	20.3	770	4.17	5.4	0.6	1.5	2	704	0.2	2.2	0.2	93	3.32	0.274	30	57.9	1.89	237	0.097	2	1.79	0.106	0.22	0.5	0.01	7.1	0.39	8	0.5	0.1
KKM04003-106	169.2	169.6	0.4000000	0.2	64.5	2.7	62	0.1	6.3	9	774	2.9	2.5	0.9	0.9	2.3	218	0.1	1.1	0.2	53	2.53	0.123	10	14.1	1.09	319	0.054	2	1.38	0.039	0.15	0.2	0.01	3.6	0.38	6	0.5	0.1
KKM04003-107	169.6	170.1	0.5	2	35.5	4	108	0.1	49.3	27.6	606	4.81	5.6	0.3	1	1.3	673	0.2	2	0.1	107	2.54	0.382	40	78.6	2.63	246	0.137	1	1.81	0.219	0.19	0.2	0.01	10.4	0.08	8	0.5	0.1
KKM04003-108	170.1	170.7	0.6	0.1	30.6	2	60	0.1	6.8	8.7	702	2.75	4.6	0.9	1.2	2.2	186	0.1	0.9	0.1	51	2.26	0.126	9	14.3	1.06	336	0.061	1	1.43	0.039	0.13	0.1	0.01	3.1	0.33	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04003-109	170.7	172.2	1.5	0.2	45.8	2.2	57	0.1	5.5	8	859	2.76	0.5	0.9	0.8	2.4	194	0.1	0.3	0.3	38	3.48	0.124	10	11.3	0.97	354	0.004	4	1.4	0.028	0.18	0.1	0.01	2.8	0.31	6	0.5	0.1
KKM04003-110	172.2	173.6	1.4	0.4	36.4	2.3	57	0.1	6	9.3	810	2.85	1	0.8	1.7	2.6	201	0.1	0.4	0.2	34	3.36	0.127	11	12	0.97	528	0.002	5	1.45	0.033	0.21	0.4	0.01	2.5	0.17	6	0.5	0.1
KKM04003-111	173.6	174.4	0.8000000	0.1	12	3.7	71	0.1	10	12.3	902	3.25	1.7	0.8	0.5	2.5	219	0.1	0.6	0.1	53	3.38	0.139	14	24.2	1.24	490	0.006	3	1.6	0.039	0.19	0.1	0.01	4	0.05	8	0.5	0.1
KKM04003-112	174.4	175.1	0.7	0.5	23.5	3.6	56	0.1	9.8	10.9	750	3.15	1.5	1.1	0.5	3.2	212	0.1	0.7	0.1	51	2.93	0.147	13	20.6	1.11	558	0.005	5	1.6	0.057	0.27	0.5	0.01	3.6	0.09	7	0.5	0.1
KKM04003-113	175.1	175.4	0.3000000	1.3	22.9	10.1	109	0.1	16.1	13.9	895	4.09	1.8	0.5	0.9	1.6	331	0.2	1.1	0.1	89	3.84	0.28	21	44.1	1.94	874	0.098	3	1.87	0.066	0.18	0.3	0.01	5.7	0.12	10	0.5	0.1
KKM04003-114	175.4	176.3	0.9000000	1.4	24.4	12.2	128	0.1	19.2	16.1	788	4.27	1.8	0.6	0.7	1.8	299	0.2	1.1	0.1	102	2.92	0.319	24	50.1	2.1	529	0.121	2	2.04	0.103	0.24	0.2	0.01	6.7	0.1	11	0.5	0.1
KKM04003-115	176.3	177.5	1.2	2.1	31.1	2.3	114	0.1	49.7	26.6	620	4.92	0.5	0.2	0.7	1.7	478	0.2	2.1	0.1	114	2.68	0.406	41	76	2.56	179	0.136	2	1.7	0.263	0.24	0.2	0.01	8.9	0.11	8	0.5	0.1
KKM04003-116	177.5	178.9	1.4	1.9	32.6	2.1	112	0.1	49	25.9	517	4.77	0.5	0.2	0.5	1.6	405	0.2	2.1	0.1	113	2.26	0.403	39	77.4	2.4	192	0.137	1	1.59	0.258	0.26	0.1	0.01	7.5	0.1	8	0.5	0.2
KKM04003-117	178.9	179.3	0.4000000	0.9	48.5	4.6	84	0.1	14.9	14.2	678	3.46	2	1	1.5	3	236	0.1	0.7	0.2	83	2.45	0.174	15	27.2	1.35	247	0.094	4	1.64	0.111	0.22	0.7	0.01	6.1	0.33	9	0.5	0.1
KKM04003-118	179.3	179.9	0.6	0.2	45.3	15.9	102	0.1	6.4	9.7	694	3.06	1.8	1.3	1	3.1	256	0.2	0.7	0.2	64	2.56	0.132	10	14	1.14	419	0.042	3	1.58	0.066	0.17	0.7	0.01	4.7	0.27	8	0.5	0.1
KKM04003-119	179.9	180.5	0.6	1.3	32.5	34.1	155	0.2	15.5	14.7	794	3.86	3	0.8	4.6	2	289	0.4	1.4	0.2	80	3.7	0.277	20	39	1.86	232	0.106	6	2.11	0.121	0.31	0.6	0.01	6.1	0.32	10	0.5	0.1
KKM04003-120	180.5	181.5	1	1.3	48.5	4.2	52	0.2	6	14.9	704	4.02	3	1.3	174.8	3.1	215	0.1	1.2	0.8	47	2.61	0.138	12	11.3	1.04	40	0.01	3	1.52	0.049	0.2	100	0.01	3.6	1.7	7	1.4	0.1
KKM04003-121	181.5	182.5	1	0.3	45.5	2.7	52	0.1	6.2	8.5	941	2.87	1.4	1.1	5.2	2.9	302	0.1	0.6	0.3	32	3.93	0.136	10	9.1	1.01	364	0.003	4	1.42	0.036	0.2	0.5	0.01	2.9	0.41	5	0.5	0.1
KKM04003-122	182.5	183.3	0.8000000	0.6	37.2	2.4	58	0.1	5.7	9	976	2.74	1.6	1.1	4.1	2.7	288	0.1	0.4	0.3	26	3.32	0.139	8	7.6	1	207	0.002	3	1.35	0.03	0.22	1.1	0.01	2.6	0.41	4	0.5	0.1
KKM04003-123	183.3	184.7	1.4	0.3	18.8	2.9	59	0.1	6.7	10.5	927	2.93	2.4	1	26.5	2.2	279	0.1	0.7	0.3	24	3.57	0.125	8	7.2	1.05	245	0.002	2	1.43	0.027	0.21	0.6	0.01	2.9	0.62	4	0.6	0.1
KKM04003-124	184.7	186	1.3000000	0.4	39	2.6	60	0.2	6.9	10.6	723	3.14	9.5	1.3	58.5	2.4	208	0.1	1.1	0.8	31	2.8	0.131	7	9.4	0.99	99	0.002	2	1.54	0.032	0.2	0.8	0.02	2.7	0.79	5	0.5	0.1
KKM04003-125	186	187.2	1.2	0.5	40	2.9	56	0.1	6.1	8.5	925	2.97	1.4	0.9	6.1	2.1	226	0.1	1.5	0.9	26	3.43	0.131	7	6.3	1.01	225	0.001	5	1.09	0.035	0.18	0.5	0.01	3	0.44	4	0.5	0.1
KKM04003-126	187.2	188.1	0.9000000	4.6	31.5	10.1	69	0.4	5.8	8.3	923	2.8	4.4	0.7	18.4	2.5	398	0.3	2.8	0.7	17	4.38	0.138	10	3.8	0.88	69	0.001	3	0.75	0.025	0.16	0.3	0.01	3.4	0.38	2	0.5	0.1
KKM04003-127	188.1	188.4	0.3000000	2.5	49.9	9.6	81	0.2	20.5	13.7	1050	4.42	2	0.4	7.1	1.7	685	0.4	2.2	0.4	100	5.2	0.334	29	53.1	1.87	985	0.169	3	1.64	0.07	0.41	0.7	0.01	6.9	0.26	8	0.5	0.1
KKM04003-128	188.4	189.9	1.5	3.4	66.7	22.8	80	0.3	29.6	17.8	956	5.18	0.6	0.3	5.6	0.8	527	0.2	2.4	0.1	138	4.29	0.341	36	49	2.28	1625	0.182	2	1.62	0.101	0.6	0.2	0.01	6.6	0.14	9	0.5	0.1
KKM04003-129	189.9	190.8	0.9000000	3.6	69.1	26.5	83	0.3	29.7	18.7	871	5.26	0.9	0.3	5	0.8	387	0.2	2.2	0.1	135	3.75	0.337	32	46.1	2.39	1363	0.195	1	1.69	0.096	0.52	0.3	0.01	6.3	0.14	10	0.5	0.1
KKM04003-130	190.8	191.3	0.5	1.1	29.5	5.1	66	0.1	8.6	9.8	826	3.41	1.8	1.1	9.6	3.1	306	0.2	1.3	0.2	57	3.18	0.215	19	12.7	1.26	849	0.127	5	1.51	0.058	0.31	0.3	0.01	3.7	0.14	6	0.5	0.1
KKM04003-131	191.3	192.1	0.8	0.4	30.3	5.6	69	0.1	4.9	8.2	795	2.99	2	1.5	0.7	4	235	0.2	0.9	0.2	41	2.76	0.142	14	11.2	0.97	405	0.004	4	1.36	0.043	0.18	0.5	0.01	3.4	0.21	5	0.5	0.1
KKM04003-132	192.1	193	0.9000000	0.3	17.4	8.2	74	0.1	4.1	8.5	827	2.86	3.5	1.5	1.4	4.2	177	0.5	0.8	0.3	34	2.89	0.136	15	5.1	0.88	325	0.003	5	1.31	0.042	0.24	0.3	0.01	2.7	0.29	5	0.5	0.1
KKM04003-133	193	193.6	0.6	13.8	31.8	19.2	100	0.2	9.3	13.8	796	3.49	6.3	1.2	3.8	2.9	220	1.1	1.4	0.5	58	3.05	0.183	15	27.4	1.23	223	0.064	4	1.55	0.054	0.24	0.5	0.01	3.7	0.62	7	0.5	0.1
KKM04003-134	193.6	195.1	1.5	2.5	33.3	11.7	98	0.1	28.1	22	735	5.13	1.4	0.2	1.2	0.5	322	0.3	1.9	0.1	143	3.34	0.289	26	72.9	2.47	833	0.263	3	1.91	0.145	0.52	0.1	0.01	7.8	0.21	10	0.6	0.1
KKM04003-135	195.1	195.5	0.4000000	2.4	43.7	5.7	88	0.1	43.2	23.6	795	5.16	2	0.1	2.4	0.5	344	0.1	1	0.1	148	3.83	0.29	24	86.2	2.49	958	0.257	3	2.06	0.169	0.64	0.3	0.01	8.3	0.24	9	0.6	0.1
KKM04003-136	195.5	196	0.5	1.1	48	7.2	72	0.1	8.9	12.4	933	4.27	4.8	1	1.8	2.3	385	0.2	2.3	0.3	46	5.42	0.148	10	15.6	1.07	218	0.044	4	1.51	0.045	0.34	0.4	0.02	3.3	0.5	6	0.5	0.1
KKM04003-137	196	197.4	1.4	0.9	28.9	7.9	58	0.1	4.4	8.7	939	2.91	5.2	1.2	1.8	2.7	256	0.2	1	0.5	27	3.92	0.138	9	6.8	0.86	212	0.002	6	1.26	0.042	0.2	0.6	0.01	2.9	0.55	4	0.5	0.1
KKM04003-138	197.4	198.6	1.2	0.6	3.2	2.6	56	0.1	3.7	7.7	767	2.78	1.6	1.1	2.3	3.8	193	0.1	1.2	0.1	26	3.21	0.142	13	4.8	0.8	176	0.002	5	1.33	0.034	0.24	0.6	0.01	2.7	0.08	4	0.5	0.1
KKM04003-139	198.6	199.4	0.8000000	0.4	7	2.5	58	0.1	4.6	8.5	1017	2.69	1.9	1	1.3	3.4	314	0.1	0.9	0.1	23	4.37	0.142	12	4.9	0.71	710	0.001	4	1.29	0.03	0.17	0.9	0.01	2.4	0.17	5	0.5	0.1
KKM04003-140	199.4	200	0.6	0.2	8.4	2.7	71	0.1	4.3	8.9	804	2.81	0.5	1.1	0.5	4.4	216	0.1	0.6	0.1	37	2.98	0.15	15	6.3	0.92	1058	0.002	2	1.51	0.044	0.16	0.4	0.01	3.1	0.05	6	0.5	0.1
KKM04003-141	200	201.2	1.2	0.4	8	3.5	76	0.1	5.2	8.9	1020	2.98	1.8	1.5	4.1	3.2	301	0.1	0.7	0.1	36	3.94	0.153	13	8.5	0.92	857	0.002	4	1.57	0.039	0.18	0.7	0.01	3.2	0.05	7	0.5	0.1
KKM04003-142	201.4	201.6	0.2	0.2	18.7	2.9	63	0.1	4.5	8.5	918	2.79	0.9	2.3	1.1	5.2	159	0.1	0.9	0.1	46	3.14	0.134	15	8	0.9	708	0.004	4	1.3	0.035	0.17	0.2	0.01	3.1	0.12	6	0.5	0.1
KKM04003-143	205	205.9	0.9000000	0.5	34.9	2.5	58	0.1	4	8.5	1288	2.88	1.3	1.3	0.5	2.5	249	0.1	0.4	0.3	29	5.56	0.136	11	7.4	0.87	154	0.002	4	1.46	0.03	0.17	0.6	0.01	2.7	0.48	5	0.5	0.1
KKM04003-144	208.1	209.4	1.3000000	0.4	53.4	3.2	58	0.1	4.2	9.4	947	3.09	0.9	1.1	1	1.7	274	0.1	0.5	0.3	37	3.92	0.161	9	6.4	0.91	250	0.003	3	1.44	0.028	0.22	0.3	0.01	2.8	0.49	5	0.6	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04003	243.9	330	-80	512499.29	6066544	172.6	COMPLETE	08/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04003-145	211.9	212.5	0.6	0.1	65.4	2.4	66	0.1	4.4	10	919	3.42	1.6	1	1	2.7	190	0.1	0.4	0.4	56	2.72	0.156	10	8.7	1.04	173	0.039	2	1.36	0.037	0.15	0.5	0.01	3.8	0.7	6	0.6	0.1
KKM04003-146	212.5	212.8	0.3000000	2	7	2.2	32	0.1	4.9	4.9	656	1.6	2.9	1.2	3.1	2.9	194	0.1	0.3	0.4	15	3.53	0.073	7	11.4	0.36	91	0.001	3	0.85	0.033	0.23	2.4	0.01	1.5	0.39	3	0.5	0.1
KKM04003-147	212.8	213.2	0.4	1.6	15.8	3.7	17	0.2	2.2	5.1	475	2.36	1.3	1.9	2.6	4.6	299	0.1	0.5	0.9	14	2.48	0.04	7	6.1	0.25	69	0.003	3	0.49	0.033	0.13	55.1	0.02	1.1	1.71	2	1.3	0.1
KKM04003-148	213.2	213.7	0.5	0.5	31.4	4.4	75	0.1	5.4	10.4	924	3.29	1.5	1.1	0.6	2.9	187	0.1	0.9	0.3	64	2.11	0.159	9	11.4	1.13	469	0.069	3	1.43	0.042	0.09	1.3	0.01	4.2	0.32	8	0.5	0.1
KKM04003-149	213.7	215	1.3000000	0.2	14.3	3.7	61	0.1	3.3	7.8	759	2.86	0.8	1.4	0.6	3	186	0.1	0.3	0.1	48	2.62	0.133	11	6.9	0.82	1033	0.019	2	1.18	0.039	0.14	0.2	0.01	2.9	0.1	6	0.5	0.1
KKM04003-150	215	216.5	1.5	0.6	32.8	3.1	54	0.1	3.4	7.8	774	2.73	1.3	1.1	1.1	2.8	188	0.1	0.3	0.4	39	2.87	0.132	11	7.9	0.77	447	0.007	3	1.24	0.038	0.2	0.6	0.01	2.5	0.3	5	0.5	0.1
KKM04003-151	218.4	219.5	1.1	0.3	54.2	13.4	63	1	4.6	9	994	3.18	1.7	1.2	98.4	2.3	280	0.1	0.5	6.3	32	3.99	0.153	9	6.5	0.85	167	0.003	5	1.6	0.038	0.28	4	0.01	2.6	0.6	5	0.7	0.1
KKM04003-152	221.3	221.7	0.4	0.7	77.6	5.1	58	0.1	4.8	9.4	883	3.02	1	1.8	5.4	3.3	207	0.1	0.3	0.4	44	3.43	0.148	10	9.9	0.87	153	0.004	3	1.53	0.042	0.26	1.3	0.01	3	0.54	6	0.5	0.1
KKM04003-153	221.7	222.6	0.9000000	0.2	36.1	14.3	74	0.4	5.4	9.5	858	3.17	2.5	1.1	5.1	2.1	170	0.1	0.2	3.2	50	2.98	0.148	8	7.5	0.94	152	0.004	3	1.48	0.036	0.19	1.5	0.01	3.4	0.6	7	0.5	0.1
KKM04003-154	222.6	223.1	0.5	0.9	12.3	28.8	65	0.4	5	9.4	894	2.95	2.4	1.1	20	2.6	213	0.1	0.6	1.3	42	3.4	0.151	9	8.8	0.83	205	0.019	3	1.5	0.031	0.26	2.6	0.01	3	0.62	6	0.6	0.1
KKM04003-155	224.1	224.3	0.2000000	0.3	17.5	2.9	67	0.1	3.8	8.5	965	2.85	1.7	0.9	1.7	2.2	307	0.1	0.9	0.1	40	3.21	0.163	12	9.4	0.96	180	0.047	3	1.43	0.053	0.15	3.2	0.01	3.1	0.06	7	0.5	0.1
KKM04003-156	227.9	228.6	0.7	0.6	27.5	7.2	61	0.2	4.8	9.2	922	3.38	2.2	1.6	5.4	2	123	0.1	0.5	0.6	53	2.89	0.19	10	10.8	1.04	211	0.008	2	1.52	0.034	0.23	0.4	0.01	3.6	0.45	7	0.5	0.1
KKM04003-157	228.6	229.8	1.2000000	10.8	57.7	4.7	56	0.1	3.7	8.6	966	3.25	1.8	2.3	2.9	3.6	186	0.1	0.8	0.3	47	3.41	0.164	11	9.7	0.96	256	0.02	3	1.43	0.048	0.19	100	0.01	3.5	0.43	6	0.6	0.1
KKM04003-158	231.7	232.9	1.2000000	8.7	72.4	3.2	65	0.2	3.6	10	987	3.47	2.2	1.2	3	2.3	255	0.1	0.8	1.3	46	3.72	0.177	11	9.4	0.97	133	0.004	4	1.48	0.04	0.21	100	0.01	3.1	0.92	6	0.8	0.1
KKM04003-159	232.9	233.8	0.9000000	0.4	67.3	3.3	53	0.1	3	8.2	855	2.95	0.9	1.3	1.6	2.2	205	0.1	0.5	0.5	32	3.3	0.146	9	7.4	0.78	243	0.002	4	1.31	0.04	0.23	2.8	0.01	2.4	0.62	6	0.7	0.1
KKM04003-160	233.8	234.9	1.1	1	54.1	4.2	52	0.1	2.8	8.7	887	2.83	0.5	1.2	1.6	2.4	263	0.1	0.5	0.7	24	3.23	0.139	8	8.4	0.78	129	0.002	4	1.07	0.032	0.22	2.3	0.01	2.4	0.7	4	0.5	0.1
KKM04003-161	234.9	235.6	0.7	0.4	50.8	3.3	43	0.1	3.5	7.8	904	2.77	0.5	1	5.9	2.6	228	0.1	0.6	0.4	13	3.45	0.136	8	5.3	0.69	174	0.001	5	0.75	0.031	0.28	0.7	0.01	2.2	0.77	2	0.7	0.1
KKM04003-162	235.6	237	1.4	1.1	34.1	3.4	42	0.1	4	6.8	799	2.65	0.8	1.5	2.9	2.9	222	0.1	0.6	0.3	15	3.12	0.122	8	6.2	0.72	132	0.001	4	1.14	0.028	0.21	0.3	0.01	1.9	0.59	3	0.5	0.1
KKM04003-163	237	237.3	0.3000000	7.4	23.5	4.6	62	0.2	44.4	15	624	3.03	13	1.3	19.5	3.4	136	0.1	0.6	0.9	30	2.16	0.086	6	33.4	0.65	91	0.002	3	1.37	0.022	0.28	0.8	0.01	2.7	0.64	4	0.5	0.1
KKM04003-164	237.3	237.6	0.3	12.4	27	25.2	106	0.8	90.5	66	937	6.61	23	1	41.7	2.4	125	0.1	1.7	5.3	48	2.94	0.481	6	56.9	1.25	79	0.007	3	2.2	0.015	0.3	0.6	0.01	4.5	2.93	7	4.7	0.1
KKM04003-165	237.6	238.3	0.7000000	28.9	77.2	6.2	106	0.2	85.4	20.4	722	4.57	1.4	0.9	6.7	3.4	82	0.1	0.9	0.5	55	1.31	0.057	9	57.6	1.37	116	0.003	3	2.14	0.014	0.31	0.5	0.01	5.4	0.24	5	0.6	0.1
KKM04003-166	238.3	239.2	0.9	39.9	37.8	8.6	80	0.2	70.8	18	791	3.78	3.3	1.1	4.4	3.4	127	0.1	1.1	0.1	39	2.46	0.403	13	50.5	1.16	97	0.005	5	1.75	0.016	0.27	0.5	0.01	3.8	0.07	4	0.5	0.1
KKM04003-167	239.2	240.4	1.2000000	31.1	42.8	7.9	83	0.2	74.2	18	543	3.69	8.9	1	4.3	3.7	55	0.1	0.7	0.1	51	0.82	0.059	11	79.6	1.13	71	0.006	3	1.87	0.02	0.21	0.2	0.01	3.3	0.09	5	0.9	0.1
KKM04003-168	240.4	241.6	1.2	72.1	42.9	6	79	0.2	74.3	16.3	495	3.56	10	1.3	4.7	4.5	45	0.1	0.8	0.4	58	0.68	0.062	16	96.4	1.12	110	0.007	3	2.05	0.033	0.29	0.7	0.01	3.6	0.05	5	0.5	0.1
KKM04003-169	241.6	242.8	1.2000000	123	72.3	5.1	74	0.2	71.4	16.6	578	3.54	14	1.2	5.7	3.5	59	0.1	0.5	0.6	51	1.01	0.072	10	84	1.12	68	0.005	2	1.88	0.025	0.19	0.5	0.01	3.1	0.18	6	0.6	0.1
KKM04003-170	242.8	243.4	0.6	44	163.6	10.9	89	0.6	75.5	23.8	766	4.27	17	0.7	11	3.3	93	0.1	1.7	2.6	47	1.73	0.073	7	67.2	1.06	71	0.003	3	1.85	0.018	0.25	0.8	0.01	3	1.12	5	1.6	0.1
KKM04003-171	243.4	243.9	0.5	51.8	85.9	5	95	0.2	93.2	17.9	502	3.88	6.9	1.5	3	6.3	33	0.1	0.8	0.1	68	0.72	0.065	21	99.3	1.38	99	0.006	1	2.26	0.025	0.2	0.3	0.01	3.2	0.05	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04004	84.5	330	-45	512467	6066518	174.6	COMPLETE	11/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KKM04004-001	29.1	29.5	0.4	70.9	146.9	11.8	50	0.7	2.2	5.3	571	2.37	6.2	1	17.6	2.6	57	0.4	51.1	15.1	9	2.18	0.09	7	1	0.38	128	0.001	3	0.41	0.042	0.22	43.2	0.11	1.9	0.68	1	0.6	0.1
KKM04004-002	32.3	32.6	0.3000000	1.5	7.1	4	60	0.1	2.4	7.3	789	2.46	0.9	0.8	5	3.1	120	0.1	3.1	0.2	13	2.78	0.132	13	1.2	0.6	430	0.001	7	0.57	0.037	0.27	2	0.01	2.6	0.08	2	0.5	0.1
KKM04004-003	32.6	34	1.4	0.4	2.1	3.2	49	0.1	2.2	6	743	2.24	0.6	1.2	0.5	2.9	221	0.1	1.1	0.1	22	2.29	0.115	13	2.6	0.72	1139	0.004	5	0.62	0.051	0.2	0.5	0.01	3.2	0.05	3	0.5	0.1
KKM04004-004	34	35.3	1.3	0.2	3.2	2.5	47	0.1	2	6.1	812	2.32	1.2	0.8	4.4	2.2	267	0.1	1.2	0.1	13	2.95	0.108	12	1.8	0.77	816	0.001	4	0.5	0.043	0.2	0.3	0.01	2.9	0.08	2	0.5	0.1
KKM04004-005	36.7	37	0.3	0.4	23	2.9	51	0.1	2.4	6.7	799	2.43	1.4	0.8	1.5	2.4	228	0.1	3.7	0.2	20	2.96	0.122	12	2.4	0.8	711	0.009	3	0.62	0.043	0.22	5.8	0.01	2.9	0.06	2	0.5	0.1
KKM04004-006	39.1	40.2	1.1	0.4	21.2	2.9	48	0.1	2.7	6.9	793	2.44	2.1	0.9	8.7	2.6	239	0.1	2.4	0.3	16	2.77	0.119	11	2	0.77	436	0.001	5	0.54	0.036	0.24	0.3	0.01	2.9	0.24	2	0.5	0.1
KKM04004-007	40.2	41.2	1	0.3	4	3.3	53	0.1	2.6	7.4	885	2.65	3.4	0.9	9.8	2.5	238	0.1	1.6	0.1	19	3.04	0.124	12	2.3	0.85	466	0.001	4	0.67	0.038	0.25	0.3	0.01	3	0.13	2	0.5	0.1
KKM04004-008	44.2	45.1	0.9	0.2	4.6	3.8	51	0.1	2.2	6.9	818	2.44	2.2	1.5	15.1	3.4	279	0.1	1.5	0.1	19	2.76	0.117	13	2.4	0.77	659	0.002	4	0.62	0.037	0.25	0.2	0.01	2.6	0.13	3	0.5	0.1
KKM04004-009	45.8	46	0.2000000	0.2	7.2	3.7	47	0.1	1.9	5.9	865	2.22	1.3	2	0.5	3.5	275	0.1	1.4	0.1	23	3.12	0.11	12	3.6	0.7	1134	0.004	5	0.69	0.039	0.25	0.6	0.01	2.6	0.05	3	0.5	0.1
KKM04004-010	47.2	47.5	0.3	0.1	1.6	2.7	41	0.1	2.9	7.4	795	2.52	17.2	1.7	37.9	3.1	277	0.1	0.7	0.1	10	3.01	0.109	9	1.2	0.77	100	0.001	3	0.4	0.033	0.23	0.6	0.01	3.2	0.57	1	0.5	0.1
KKM04004-011	49	49.2	0.2000000	0.1	1.6	2.7	40	0.1	2.1	6.5	846	2.54	11.4	1.6	20	3.9	188	0.1	0.6	0.1	13	2.81	0.118	9	2.1	0.77	214	0.001	3	0.44	0.036	0.24	0.4	0.01	3	0.46	1	0.5	0.1
KKM04004-012	49.2	49.9	0.7	0.1	1.6	3	42	0.1	2.4	6.8	877	2.64	2	1.2	18.9	4	195	0.1	0.6	0.1	14	2.93	0.123	14	1.8	0.8	959	0.001	4	0.68	0.041	0.25	0.4	0.01	3.1	0.11	2	0.5	0.1
KKM04004-013	49.9	50.3	0.4	0.4	3.2	2.6	47	0.1	2.4	7.2	843	2.66	14.1	1.2	47.7	2.6	208	0.1	0.9	0.8	14	3.46	0.112	9	1.7	0.72	222	0.001	4	0.75	0.029	0.2	0.7	0.01	2.5	0.64	3	0.5	0.1
KKM04004-014	54.8	55.4	0.6000000	2.6	14.7	4.8	52	2.8	4	7.6	893	2.81	17	0.5	43	1.3	200	0.1	2.9	0.1	10	3.54	0.145	7	1.7	0.88	94	0.001	4	0.52	0.028	0.28	5.2	0.01	3.3	0.47	1	0.5	0.1
KKM04004-015	55.4	56.4	1	0.5	3.1	4.3	50	0.1	3	8.2	875	2.95	9.5	0.6	15.8	1.9	206	0.1	0.6	7.2	16	3.25	0.142	9	2.4	0.88	211	0.001	4	0.63	0.03	0.3	3.6	0.01	3.6	0.57	2	0.5	0.1
KKM04004-016	60.8	61	0.2000000	0.2	5.9	5.1	64	0.1	3.3	8.4	979	3.15	3.5	0.8	4.6	1.9	207	0.1	1.6	0.1	37	3.19	0.16	14	5.1	0.97	432	0.01	4	0.81	0.051	0.25	0.5	0.01	4.2	0.15	4	0.5	0.1
KKM04004-017	61.4	61.8	0.4	0.2	13	3.1	46	0.3	2.1	6.8	997	2.89	6.5	0.6	736.3	1.5	247	0.1	3.1	0.4	8	4.01	0.144	9	1.1	1	78	0.001	7	0.48	0.017	0.31	1.3	0.01	3	0.25	1	0.5	0.1
KKM04004-018	65.9	66.6	0.7	0.1	2.5	2.5	53	0.1	3.4	8.1	891	2.75	9.9	1.2	36	3	278	0.1	0.7	0.1	15	3.24	0.136	9	2.3	0.88	231	0.001	3	0.53	0.041	0.26	0.3	0.01	3.3	0.31	2	0.5	0.1
KKM04004-019	66.6	66.9	0.3000000	16.2	40.1	20.7	40	0.4	2.7	8.8	784	2.8	18.3	0.9	49.8	2.2	166	0.1	9.1	35.8	8	2.95	0.133	7	1	0.76	114	0.001	4	0.44	0.024	0.25	2.1	0.01	2.3	1.04	1	0.6	0.1
KKM04004-020	66.9	67.6	0.7	0.2	10.9	3.1	51	0.1	2.6	7.1	791	2.54	0.7	0.9	1.9	2.7	164	0.1	1.4	1.4	33	2.37	0.121	12	3.8	0.73	610	0.002	3	0.75	0.052	0.19	3.4	0.01	3	0.21	3	0.5	0.1
KKM04004-021	67.6	68.1	0.5	0.3	10.2	3.7	57	0.1	2.4	7.2	887	2.83	1.3	1	3	2.5	158	0.1	2.2	0.6	13	3.77	0.115	10	1.5	1.03	115	0.001	6	0.5	0.021	0.25	0.5	0.02	2.5	0.23	1	0.5	0.1
KKM04004-022	70.9	71.1	0.2	0.1	6.9	4.1	54	0.1	2.1	6.4	850	2.37	0.5	0.9	0.5	2.4	182	0.1	0.9	0.1	13	3.83	0.115	14	1.8	1.32	224	0.001	4	0.5	0.029	0.28	1	0.01	2.4	0.05	1	0.5	0.1
KKM04004-023	73.5	73.7	0.2000000	0.3	2.5	2.6	47	0.1	3	8.2	1124	3.23	63.4	1.2	54.2	2.4	190	0.1	0.6	0.7	10	3.82	0.116	4	1.3	1.03	127	0.001	4	0.38	0.026	0.23	0.5	0.01	3.3	0.95	1	0.5	0.1
KKM04004-024	74.3	75.5	1.2	0.2	2.7	3.9	57	0.1	3.2	8.1	849	2.75	3.8	1.4	1.8	3.4	418	0.1	1	0.1	32	2.57	0.124	12	4	0.82	527	0.006	4	0.75	0.041	0.24	0.2	0.01	3.6	0.2	3	0.5	0.1
KKM04004-025	74.5	74.9	0.4000000	1.4	15.7	9.9	34	0.4	2.6	6	720	2.31	18.5	1.1	78.3	2	212	0.1	6.1	3.2	7	2.59	0.116	4	1	0.68	61	0.001	5	0.41	0.02	0.24	0.5	0.01	2.4	0.62	1	0.5	0.1
KKM04004-026	74.9	75.2	0.3	2.4	70.7	130.9	30	6.8	2.7	6.6	706	2.13	15.2	0.9	630.2	1.7	117	0.3	34.6	38.7	5	1.98	0.082	4	1.2	0.55	53	0.001	3	0.36	0.018	0.25	49.1	0.05	1.5	1.01	1	1.1	0.1
KKM04004-027	75.2	75.6	0.4	0.6	25.3	14.6	31	0.7	2.2	8.3	799	2.62	10.2	0.9	520.2	2.1	157	0.1	9.9	1.6	8	2.5	0.117	6	1.3	0.65	95	0.001	3	0.42	0.028	0.31	0.6	0.01	2.4	1.12	1	0.5	0.1
KKM04004-028	75.6	76.1	0.5	0.1	12.5	6.9	34	0.1	1.9	6.2	807	2.27	2.2	0.9	55.6	1.7	137	0.2	2.4	0.7	7	2.9	0.105	6	1.1	0.72	154	0.001	4	0.42	0.031	0.27	0.4	0.01	2.2	0.39	1	0.5	0.1
KKM04004-029	76.1	77.3	1.2	1.2	4	3	43	0.1	2.2	6.5	751	2.33	1.2	0.7	7.3	2.1	187	0.1	0.9	0.9	15	2.8	0.124	10	2.2	0.72	529	0.001	3	0.49	0.037	0.26	21.3	0.01	2.5	0.15	2	0.5	0.1
KKM04004-030	77.3	78.4	1.1	0.3	7.3	3.5	38	0.1	2.4	6.9	747	2.41	8	0.7	19.4	2.2	173	0.1	1.5	0.5	14	2.63	0.116	9	1.9	0.72	223	0.001	5	0.54	0.033	0.29	0.8	0.01	2.4	0.44	2	0.5	0.1
KKM04004-031	78.4	79.8	1.4	0.2	6.4	6.3	55	0.1	3	7.6	845	2.61	0.9	0.8	2.5	2.6	131	0.1	0.7	2.6	27	3.4	0.118	12	2.5	1.09	147	0.001	3	0.61	0.036	0.22	0.4	0.09	3.1	0.25	2	0.5	0.1
KKM04004-032	79.8	80.2	0.4000000	0.1	3	5.1	47	0.1	2.7	6.4	638	2.54	0.6	0.5	0.5	3.7	128	0.1	1.1	0.1	45	1.83	0.129	19	5	0.65	106	0.003	2	0.85	0.05	0.15	1.2	0.02	4.6	0.07	4	0.5	0.1
KKM04004-033	82.5	83.6	1.1	0.2	4.1	2.6	49	0.1	2.5	7.5	737	2.58	3	0.9	7.5	3.2	339	0.1	1.3	0.1	22	2.82	0.127	15	3.2	0.8	669	0.002	4	0.72	0.042	0.22	0.3	0.01	3	0.27	3	0.5	0.1
KKM04004-034	83.6	84	0.4000000	4.7	17.2	3.7	48	0.1	2.1	7.4	718	2.85	1.1	1	1.2	3.3	183	0.1	2.8	3.5	19	2.91	0.121	12	2.7	0.77	140	0.001	3	0.55	0.037	0.23	1.2	0.01	2.9	0.83	2	0.5	0.1
KKM04004-035	84	84.5	0.5	0.1	11.3	2.6	53	0.1	3	7.5	776	2.76	1	1	0.5	3.2	147	0.1	1.7	0.3	30	2.71	0.125	13	4.1	0.79	173	0.002	3	0.65	0.046	0.17	0.7	0.01	3.1	0.49	3	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04005-001	19.2	20	0.8000000	46.5	8.9	5	48	0.1	4.2	6.8	945	2.49	1.4	1.2	8.1	2.6	142	0.1	2.7	0.5	10	3.25	0.12	9	6.3	0.42	591	0.001	6	0.57	0.029	0.23	1.2	0.01	2.6	0.1	1	0.5	0.1
KKM04005-002	20	20.5	0.5	0.7	1.4	2.9	48	0.1	2.4	7.1	869	2.43	0.8	0.9	0.5	3	202	0.1	1.1	0.1	15	3.11	0.126	13	3.4	0.8	1291	0.001	5	0.47	0.036	0.2	0.2	0.01	3.1	0.05	1	0.5	0.1
KKM04005-003	21.2	21.8	0.6000000	14.9	2.1	3.4	45	0.1	3.4	6.7	825	2.45	6.2	0.6	22.6	2.1	134	0.1	1	0.1	9	3.11	0.126	10	6.1	0.68	423	0.001	6	0.4	0 031	0.21	1.1	0.01	2.7	0.16	1	0.5	0.1
KKM04005-004	22.9	23.1	0.2000000	2.8	27.2	10.4	38	0.3	1.9	5.1	582	1.87	1.3	0.7	9.7	2.1	154	0.1	7	12	7	2.41	0.092	11	3.6	0.51	942	0.001	5	0.35	0.032	0.19	0.3	0.02	1.9	0.05	1	0.5	0.1
KKM04005-005	28.4	28.9	0.5	1.1	7	3.8	64	0.1	3.9	8.8	1134	3.23	3.6	0.7	2.7	1.8	148	0.1	1.7	0.1	15	4.26	0.146	7	5.7	1.02	599	0.001	3	0.47	0.031	0.21	0.9	0.01	3.3	0.17	1	0.5	0.1
KKM04005-006	29.5	29.9	0.4	2.1	36.7	13.9	47	0.5	2.5	6.4	858	2.67	1.8	0.5	6.7	1.4	116	0.2	6.6	37.4	16	3.31	0.111	7	4.7	0.86	411	0.001	3	0.47	0.025	0.2	0.6	0.01	3.2	0.14	2	0.5	0.1
KKM04005-007	29.9	30.3	0.4000000	27.2	23	6.5	36	0.3	3.3	5.7	789	2.17	1.7	0.7	18.2	2.1	91	0.1	4.7	6.4	9	3.33	0.128	7	8.1	0.79	252	0.001	4	0.36	0.021	0.24	1.7	0.02	2.6	0.18	1	0.5	0.1
KKM04005-008	33.3	33.7	0.4000000	6.3	17.8	7.6	52	0.1	4.2	9.3	1039	3.32	3.2	0.8	43.2	1.7	162	0.1	4.3	8.2	25	3.24	0.166	8	7.1	0.97	94	0.002	1	0.68	0.031	0.21	13.7	0.01	3.9	0.73	2	0.5	0.1
KKM04005-009	34.2	34.9	0.7	0.8	5.7	2.6	45	0.1	2.4	7.1	823	2.45	1.2	0.9	2	2.9	149	0.1	1.8	0.2	13	3.19	0.124	11	4	0.74	471	0.002	7	0.58	0.031	0.22	0.4	0.01	2.7	0.05	1	0.5	0.1
KKM04005-010	35.2	35.4	0.2	2.3	65.1	4.5	52	0.2	3.6	9	892	3	1	1.1	4	3.1	126	0.1	3.4	4.4	18	2.88	0.139	7	3.8	0.85	146	0.002	4	0.69	0.037	0.27	3.7	0.01	3.1	0.62	2	0.6	0.1
KKM04005-011	35.4	36	0.6000000	2.9	16.7	3.4	62	0.1	4.2	9.3	1014	3.13	1.6	0.9	14.2	3.4	189	0.1	2.3	0.3	27	3.35	0.161	11	8.1	1	559	0.003	3	0.69	0 039	0.23	0.9	0.01	4.1	0.14	2	0.5	0.1
KKM04005-012	36	37.2	1.2	0.3	8.7	2.6	68	0.1	3.9	9.9	991	3.31	1.3	0.8	1.7	2.6	183	0.1	1.7	0.1	43	3.21	0.168	10	7.2	1.13	737	0.033	3	0.92	0 043	0.17	0.5	0.01	4.4	0.05	4	0.5	0.1
KKM04005-013	37.2	37.5	0.3	1.1	4.7	2.3	52	0.1	4	7.4	1151	3.1	0.7	0.5	1.9	2.2	169	0.1	1.2	0.2	14	4.24	0.165	12	6.5	1.09	288	0.001	3	0.6	0.031	0.21	1.1	0.01	3.9	0.09	1	0.5	0.1
KKM04005-014	37.5	38.5	1	1.1	6.4	2.3	71	0.1	3.6	10.4	1002	3.53	1.3	0.8	0.9	2	521	0.1	1.2	2.3	53	2.86	0.176	9	9.1	1.17	487	0.019	2	1.28	0.043	0.15	11.7	0.01	4.4	0.13	6	0.5	0.1
KKM04005-015	38.5	38.7	0.2000000	2.3	36.1	8.5	69	1.1	5.4	10.5	975	3.65	3.5	0.7	681.8	1.7	400	0.1	8.7	20.7	43	2.87	0.168	8	10.4	1.1	215	0.011	3	0.89	0.038	0.19	21.5	0.03	4.5	0.49	4	0.7	0.1
KKM04005-016	38.7	39.4	0.7	0.4	4.9	2.3	69	0.1	4.2	10.2	951	3.23	1	0.7	0.5	1.7	317	0.1	1.5	0.1	49	2.7	0.166	10	8.4	1.11	553	0.012	2	0.94	0.046	0.16	0.3	0.01	4.7	0.05	4	0.5	0.1
KKM04005-017	39.4	39.6	0.2000000	0.3	4.7	2.7	57	0.1	3.7	9.3	1137	3.4	6.7	0.5	30.8	1.8	331	0.1	1.3	0.1	19	4.2	0.148	9	4	1.17	380	0.001	3	0.49	0 033	0.2	0.3	0.01	4	0.22	1	0.5	0.1
KKM04005-018	43.9	44.3	0.4	0.6	4.8	2.5	55	0.1	4.3	9	932	3.08	1	0.9	6	2.8	460	0.1	1.1	0.2	33	3.17	0.154	11	8.1	1.01	380	0.003	1	0.88	0.034	0.18	0.7	0.01	3.8	0.25	4	0.5	0.1
KKM04005-019	46.1	46.9	0.8	0.3	15.1	3.5	56	0.1	3.5	9.1	985	3	1.5	0.6	7.8	2	209	0.1	2.3	0.4	15	3.96	0.143	7	3.6	1.03	418	0.001	3	0.52	0.028	0.21	0.4	0.01	3.3	0.22	2	0.5	0.1
KKM04005-020	46.9	47.7	0.8000000	0.7	13.8	3	65	0.1	4.5	9.3	1024	3.25	6.7	0.7	10.8	2.5	289	0.1	2.3	0.1	15	3.69	0.149	9	6.1	1.04	156	0.001	3	0.69	0.03	0.28	0.9	0.01	3.4	0.35	2	0.5	0.1
KKM04005-021	47.7	48.1	0.4	0.4	14.8	4.1	50	0.1	2.7	7	1000	3	8.9	0.9	48.4	2	246	0.1	4.5	0.8	10	4.13	0.105	5	3.6	1.11	50	0.001	4	0.33	0.023	0.18	0.3	0.01	2.9	0.31	1	0.5	0.1
KKM04005-022	48.1	49.1	1	0.8	18.5	4.4	46	0.2	3.7	7.4	874	2.75	19.7	1.2	46.2	3.1	209	0.1	5.4	0.2	9	3.58	0.142	8	6.4	0.91	65	0.001	3	0.44	0.027	0.25	1.2	0.01	3.3	0.38	1	0.5	0.1
KKM04005-023	49.1	50.6	1.5	0.4	18.4	6.4	44	0.1	3.1	7.8	901	2.81	10.9	0.8	17.1	3	143	0.1	3.8	8.7	9	3.62	0.144	10	2.8	0.93	114	0.001	4	0.5	0.023	0.25	2.1	0.01	2.5	0.28	1	0.5	0.1
KKM04005-024	50.6	52.1	1.5	0.6	20.3	2.9	54	0.1	4.4	8.4	951	2.87	12.2	0.8	25.4	2.7	192	0.1	5.2	0.1	15	3.47	0.138	10	6.6	0.98	354	0.001	4	0.52	0.034	0.2	1.1	0.01	3.7	0.32	2	0.5	0.1
KKM04005-025	55.6	56.2	0.6000000	0.4	13.1	2.6	52	0.1	3.7	8.1	856	2.73	9	1.6	7.7	3.5	176	0.1	2.5	0.1	18	3.13	0.132	10	4.8	0.87	409	0.001	3	0.57	0.035	0.22	0.3	0.01	3.3	0.26	2	0.5	0.1
KKM04005-026	58	58.3	0.3	0.7	6.3	5.3	47	0.1	4.1	8.4	935	3.01	15.9	1.1	9.6	2.7	205	0.1	1.5	0.1	15	3.38	0.139	7	6.4	0.96	126	0.001	2	0.44	0.04	0.22	1	0.01	3.9	0.61	1	0.5	0.1
KKM04005-027	58.3	58.5	0.2000000	31.9	24.2	62.1	28	0.8	5	9.7	580	2.95	77.2	1.3	241	2.5	155	0.1	6.2	43.9	7	2.2	0.126	5	3.4	0.59	67	0.001	3	0.46	0.026	0.24	0.6	0.01	2.3	1.54	1	0.7	0.1
KKM04005-028	58.5	58.8	0.3	2.9	12.4	4.5	41	0.1	4.7	8.7	953	2.93	23.3	1.8	38.6	4.2	289	0.1	2.5	0.5	9	3.71	0.143	8	6.4	1.02	74	0.001	3	0.44	0.03	0.25	1.3	0.01	3.8	0.47	1	0.5	0.1
KKM04005-029	58.8	59.9	1.1	0.3	12.1	2.8	50	0.1	3.4	8	887	2.72	22.1	1.6	26.6	3.6	234	0.1	2.1	0.2	16	3.06	0.139	9	4.4	0.9	285	0.001	3	0.53	0.041	0.19	0.2	0.01	3.3	0.32	2	0.5	0.1
KKM04005-030	59.9	60.1	0.2000000	1	5.6	8.9	35	0.1	5	7.9	884	2.59	20.7	1.3	51.6	3.1	178	0.1	0.9	17.8	7	3.14	0.117	7	6.9	0.85	88	0.001	4	0.37	0.028	0.2	1.4	0.01	2.7	0.56	1	0.5	0.1
KKM04005-031	60.1	60.6	0.5	0.7	1.6	2	48	0.1	4.1	7.7	902	2.54	6.5	0.8	9.1	2.8	174	0.1	0.9	0.2	15	2.95	0.128	9	6.3	0.89	487	0.001	4	0.45	0.034	0.19	0.9	0.01	3.2	0.23	1	0.5	0.1
KKM04005-032	60.6	60.9	0.3	0.4	2.7	2.7	32	0.1	3.1	6.6	719	2.5	17.3	0.9	37.9	2.9	183	0.1	0.7	0.1	9	2.85	0.116	7	4.3	0.77	59	0.001	3	0.4	0.024	0.23	0.3	0.01	2.7	0.5	1	0.5	0.1
KKM04005-033	60.9	62.1	1.2	1	2.4	5.2	33	0.1	4.9	7.3	883	3	31	0.9	73.4	2.5	259	0.1	0.8	0.2	9	3.12	0.116	4	8.9	0.89	53	0.001	3	0.35	0.023	0.2	1.8	0.01	3.1	0.98	1	0.5	0.1
KKM04005-034	62.1	63.2	1.1	0.7	17.6	5.1	50	0.1	3.2	8.4	862	3.17	18.9	1.2	68.1	3.3	240	0.1	6	0.5	8	3.09	0.129	6	3.8	0.88	54	0.001	3	0.42	0.03	0.22	3.5	0.01	3	1.16	1	0.5	0.1
KKM04005-035	63.2	63.7	0.5	0.7	2.2	4.9	59	0.1	4.3	8.5	893	3.08	11.5	1	14.3	3.3	211	0.1	0.9	0.1	11	3.08	0.138	11	6.5	0.95	75	0.001	3	0.52	0.024	0.27	1.1	0.01	3	0.24	1	0.5	0.1
KKM04005-036	63.7	63.9	0.2	0.3	16.7	37.2	97	0.2	3.1	8.9	1257	3.59	16.7	0.9	32.3	2.3	240	0.3	5.5	0.2	8	4.58	0.118	5	2.3	1.36	44	0.001	3	0.43	0.018	0.2	0.3	0.02	2.8	0.33	1	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04005-037	63.9	64.7	0.8000000	0.6	8.7	10.2	56	0.1	3.8	7.9	968	3.1	14.6	1.3	11.1	3.1	233	0.1	2.4	0.2	10	3.47	0.141	8	5.6	1.02	70	0.001	4	0.47	0.025	0.24	0.9	0.01	3	0.36	1	0.5	0.1
KKM04005-038	64.7	65.5	0.8	0.4	3.8	4.8	83	0.1	2.7	6.9	961	2.85	14.1	0.9	18.4	2.9	238	0.3	1.1	0.5	8	3.61	0.126	8	2.9	0.97	69	0.001	6	0.5	0.018	0.23	0.3	0.02	3	0.22	1	0.5	0.1
KKM04005-039	65.5	66.5	1	0.7	2.3	5	51	0.1	4.2	7.8	892	2.96	11.2	1.2	15.3	2.8	173	0.1	0.8	0.2	12	3.25	0.131	7	5.8	0.93	79	0.001	4	0.48	0.026	0.23	0.9	0.01	2.8	0.4	1	0.5	0.1
KKM04005-040	66.5	67.7	1.2	0.3	1.5	2.5	58	0.1	3.6	9.1	972	3.1	4.4	0.9	4.8	2.6	234	0.1	0.6	0.1	16	3.51	0.154	9	5	1.06	507	0.001	3	0.48	0.033	0.21	0.2	0.01	4	0.23	1	0.5	0.1
KKM04005-041	67.7	68.9	1.2	0.7	3	3.6	49	0.1	4.3	7.6	1051	3.19	30.1	0.7	46	2.3	230	0.1	0.8	0.1	10	3.83	0.133	7	6.2	1.07	134	0.001	3	0.47	0.022	0.23	0.9	0.01	3.6	0.37	1	0.5	0.1
KKM04005-042	68.9	70	1.1	0.2	5.8	7.1	58	0.1	4.1	7.7	984	3.03	20.7	0.9	27.5	2.4	217	0.1	1.3	0.2	9	3.61	0.127	7	3.5	1	63	0.001	5	0.45	0.023	0.22	0.3	0.01	3.4	0.33	1	0.5	0.1
KKM04005-043	70	70.8	0.8	0.9	14.6	7.4	75	0.4	4.6	7.9	1228	3.2	17.8	0.9	16.8	2.8	208	0.3	4.6	0.3	11	4.04	0.136	8	6.3	1.14	95	0.001	6	0.5	0.018	0.22	1.2	0.02	3.2	0.18	1	0.5	0.1
KKM04005-044	70.8	72	1.2	0.2	132.9	480.9	1417	4.2	3.3	7.6	1133	2.81	27.7	0.7	48.4	1.9	197	9.9	83.8	3.4	10	3.68	0.111	5	5	1.03	54	0.001	5	0.41	0.015	0.2	0.3	0.35	3.4	0.31	1	0.5	0.1
KKM04005-045	72	73.2	1.2	0.7	3.8	4.5	54	0.1	4.1	7.9	961	2.94	17.1	1	45	2.8	173	0.1	1.2	0.1	11	3.41	0.126	7	6.5	0.95	78	0.001	3	0.44	0.027	0.21	1.1	0.01	3.2	0.26	1	0.5	0.1
KKM04005-046	73.2	74.3	1.1	0.3	5.4	5.9	59	0.1	3.1	8.4	940	3.08	2.9	1	7	3.2	212	0.1	1.5	0.1	13	3.45	0.131	10	3.2	0.99	308	0.001	4	0.46	0.029	0.22	0.2	0.01	3	0.32	1	0.5	0.1
KKM04005-047	74.3	75.6	1.3	0.8	3.9	2.7	54	0.1	4	7.2	893	2.97	1.6	0.9	6.9	3.3	210	0.1	1.2	0.2	14	3.13	0.135	12	7	0.92	919	0.001	5	0.5	0.034	0.21	0.9	0.01	3.1	0.08	1	0.5	0.1
KKM04005-048	75.6	77.1	1.5	0.6	2.5	3.1	55	0.1	2.9	8	946	3.1	2.2	0.8	5.3	2.5	188	0.1	0.9	0.2	12	3.51	0.126	8	3.1	0.99	441	0.001	6	0.45	0.029	0.21	0.2	0.01	2.8	0.19	1	0.5	0.1
KKM04005-049	77.1	78.3	1.2	0.7	4.9	3.3	47	0.1	3.8	7.4	826	2.81	8	0.7	12.7	2.6	187	0.1	1.5	0.1	12	2.94	0.151	8	5.2	0.84	62	0.001	4	0.45	0.028	0.21	0.9	0.01	3.3	0.35	1	0.5	0.1
KKM04005-050	78.3	79.5	1.2	0.2	3.7	5.8	47	0.1	2.9	7.2	934	3.02	20.2	0.6	30.1	2.4	302	0.1	1.2	0.1	10	3.51	0.116	7	3.2	0.99	61	0.001	6	0.48	0.021	0.21	0.3	0.01	3.2	0.45	1	0.5	0.1
KKM04005-051	79.5	80.6	1.1	0.3	3.2	10.9	46	0.1	3.7	8.5	901	3.17	28.5	0.7	66.6	2.1	241	0.1	1	0.1	9	3.3	0.13	5	3.9	0.92	63	0.001	6	0.54	0.022	0.22	0.3	0.01	3.5	0.81	1	0.5	0.1
KKM04005-052	80.6	81.7	1.1	1.2	2.5	6.2	35	0.1	4.7	5.9	748	2.38	13.9	0.6	32.1	1.6	269	0.1	0.7	0.1	7	3.01	0.106	5	9	0.83	37	0.001	3	0.44	0.012	0.19	1.7	0.01	3	0.42	1	0.5	0.1
KKM04005-053	81.7	82.9	1.2	28	11.9	17.1	38	0.3	3.3	6.9	788	3.28	45.1	1	88.5	1.6	243	0.1	4.3	0.6	6	3.09	0.12	4	3.9	0.87	74	0.001	5	0.46	0.015	0.2	0.4	0.01	3.2	1.37	1	0.7	0.1
KKM04005-054	82.9	84.3	1.4	1.9	121.9	297	1050	2.4	5.6	8.4	867	2.94	20.5	1.1	62.3	2.5	294	4.2	80.5	1.9	11	3.39	0.119	8	7.8	0.98	42	0.001	4	0.43	0.023	0.19	1.4	0.26	4	0.65	1	0.5	0.1
KKM04005-055	84.3	85.6	1.3	0.5	1.9	3.8	48	0.1	3.5	7.1	911	2.99	6.7	0.9	11.5	2.4	265	0.1	0.9	0.1	14	3.1	0.126	8	3.8	0.97	51	0.001	11	0.47	0.037	0.21	0.5	0.01	4	0.24	1	0.5	0.1
KKM04005-056	85.6	86.6	1	1	2.2	4.7	46	0.1	4.1	6.4	790	2.66	7.2	1.1	15.8	2.5	214	0.1	0.9	0.1	11	3.13	0.112	6	7.3	0.9	41	0.001	5	0.41	0.03	0.19	1.3	0.01	3.6	0.2	1	0.5	0.1
KKM04005-057	86.6	86.9	0.3000000	0.3	1.6	4	61	0.1	3.2	6.3	877	2.87	3.5	0.9	4.2	2.4	275	0.1	0.5	0.1	11	3.71	0.087	6	3.6	1.08	30	0.001	4	0.34	0.022	0.15	0.4	0.01	3.4	0.19	1	0.5	0.1
KKM04005-058	86.9	88.2	1.3	0.7	1.5	3.9	51	0.1	3.9	6.8	849	2.69	3.2	1.1	3.7	3	209	0.1	0.7	0.1	12	3.16	0.118	9	6	0.94	538	0.001	5	0.46	0.034	0.21	1	0.01	3.4	0.15	1	0.5	0.1
KKM04005-059	88.2	88.6	0.4	0.3	3.1	6.6	52	0.1	3	6.4	842	2.78	12.2	0.9	33.9	2.4	223	0.1	1.4	0.1	8	3.38	0.096	6	2.7	0.94	73	0.001	5	0.39	0.023	0.2	0.5	0.01	2.6	0.3	1	0.5	0.1
KKM04005-060	88.6	90.1	1.5	0.6	1.8	2.9	62	0.1	4.5	8.3	965	2.95	2.1	1	3.2	3.3	232	0.1	0.8	0.1	13	3.33	0.12	11	6	1.03	817	0.001	6	0.42	0.034	0.2	1.1	0.01	3.4	0.09	1	0.5	0.1
KKM04005-061	90.1	91.2	1.1	0.3	9.4	5.4	92	0.1	3.1	6.4	833	2.76	7.7	1.2	15.6	3	231	0.2	4.2	0.3	9	3.52	0.126	8	3.8	0.95	48	0.001	4	0.34	0.024	0.2	0.9	0.01	3.1	0.26	1	0.5	0.1
KKM04005-062	91.2	91.6	0.4	1.5	38.6	6	44	0.4	2.7	6.6	743	2.57	9	0.9	54.5	2.6	234	0.1	19.4	2.9	8	3.14	0.111	7	7.2	0.83	49	0.001	3	0.33	0.021	0.19	0.5	0.01	2.4	0.37	1	0.5	0.1
KKM04005-063	91.6	92.2	0.6000000	0.5	21.2	7	48	0.3	3.1	7.1	809	2.99	10.2	0.9	75.6	2.4	208	0.1	8.6	1.2	9	3.39	0.124	5	4.4	0.9	51	0.001	4	0.35	0.027	0.18	0.9	0.01	3	0.52	1	0.5	0.1
KKM04005-064	92.2	93.5	1.3	4.3	4	4.6	56	0.1	3.1	7.3	890	3.05	3.1	0.8	7.4	2.9	207	0.1	1.5	0.1	10	3.44	0.143	8	5.7	0.92	67	0.001	4	0.39	0.032	0.21	0.4	0.01	3.2	0.14	1	0.5	0.1
KKM04005-065	93.5	94.2	0.7000000	1.1	5.1	4.6	53	0.1	2.7	6.3	956	3.07	4.3	0.9	9.2	2.8	274	0.1	2.1	0.2	11	3.88	0.131	8	4	1.04	167	0.001	4	0.38	0.029	0.21	0.7	0.01	3.4	0.13	1	0.5	0.1
KKM04005-066	94.2	94.9	0.7000000	1.5	20.6	12.4	56	0.2	2.9	6.7	912	2.92	3.5	1.2	9.1	3.3	235	0.1	8.4	11	10	3.49	0.128	7	7.2	0.94	73	0.001	3	0.36	0.031	0.2	0.4	0.01	3	0.2	1	0.5	0.1
KKM04005-067	94.9	95.2	0.3	1.4	167.2	6.7	71	1.3	3.2	8.5	791	3.75	7.8	0.9	40.3	2.7	166	0.3	90.9	8.7	9	3.24	0.122	5	4	0.84	64	0.001	4	0.43	0.03	0.24	0.8	0.07	2.5	1.54	1	1.1	0.1
KKM04005-068	95.2	96	0.8	0.9	45	5.7	51	0.1	2.6	7.3	723	3.12	3	1.3	1.1	3.7	176	0.1	9.2	0.4	19	2.33	0.14	10	6.7	0.86	111	0.004	3	0.88	0.036	0.15	0.3	0.02	3.7	0.63	3	0.5	0.1
KKM04005-069	96	97	1	0.3	30.9	3.6	44	0.1	2.5	6.3	799	3.02	2.7	0.7	17.6	2.8	223	0.1	8	0.3	10	3.29	0.111	7	4.4	0.88	58	0.001	2	0.52	0.035	0.17	0.6	0.02	3	0.63	2	0.5	0.1
KKM04005-070	97	97.8	0.8	1.3	42.3	4.1	48	0.1	2.8	6.9	829	2.98	2.6	0.8	11.9	2.8	171	0.1	15.3	0.3	9	3.41	0.127	7	5.7	0.95	131	0.001	3	0.38	0.038	0.16	0.5	0.02	2.9	0.58	1	0.5	0.1
KKM04005-071	97.8	98.4	0.6000000	4.1	55.2	5	53	0.3	2.8	6.9	850	2.97	5.6	0.8	13.6	2.7	192	0.1	25.5	0.5	8	3.32	0.138	7	3.7	0.9	162	0.001	4	0.38	0.035	0.2	0.7	0.03	3	0.78	1	0.5	0.1
KKM04005-072	98.4	99.7	1.3	2.6	60	4.1	50	0.1	2.4	7	774	2.83	5.3	0.9	2.4	3.3	154	0.1	16.7	0.4	10	2.92	0.135	9	5.5	0.8	213	0.001	3	0.42	0.042	0.19	1.8	0.02	3	0.57	1	0.5	0.1

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KKM04005-073	99.7	100.9	1.2	1.6	53.1	4.4	48	0.4	2.8	7.4	790	2.91	7.1	0.7	16.4	2.8	201	0.1	19.5	0.7	9	3.18	0.131	6	7.9	0.82	167	0.002	3	0.41	0.033	0.21	0.6	0.02	3.4	0.77	1	0.6	0.1
KKM04005-074	100.9	102.2	1.3	4.4	55.5	6.4	53	0.6	3.4	8	899	3.23	8.6	1	42.7	2.1	280	0.2	18.1	1.5	9	3.82	0.135	3	4	1.01	145	0.001	3	0.44	0.031	0.17	0.8	0.04	2.7	0.59	1	0.5	0.1
KKM04005-075	102.2	103.3	1.1	22.5	58.6	3.5	52	0.1	4.2	8.7	846	3.03	1.1	0.6	2.2	2.7	171	0.1	10.9	0.3	17	3.68	0.132	8	7	1.08	290	0.001	2	0.4	0.038	0.17	0.3	0.01	3.3	0.35	1	0.5	0.1
KKM04005-076	103.3	104.7	1.4	39.2	58.8	3.6	50	0.1	3.9	7.4	797	2.86	0.6	0.8	0.6	3	170	0.1	5.5	0.2	20	3.03	0.132	11	6.2	0.92	333	0.001	2	0.57	0.044	0.18	0.4	0.01	3.6	0.31	2	0.5	0.1
KKM04005-077	104.7	106.1	1.4	25.4	58.5	3.1	54	0.1	3.6	7.6	862	2.8	0.5	0.7	0.7	2.4	161	0.1	11.5	0.2	14	3.58	0.132	9	6.3	1.04	356	0.001	4	0.39	0.03	0.18	0.3	0.02	3.1	0.29	1	0.5	0.1
KKM04005-078	106.1	107.5	1.4	10.6	32.9	2.9	54	0.1	4.1	7.6	829	2.95	0.5	0.5	0.5	2.6	149	0.1	5.5	0.2	17	3.5	0.134	11	4.8	1.01	319	0.001	4	0.45	0.032	0.2	0.4	0.01	3.6	0.26	1	0.5	0.1
KKM04005-079	107.5	108.2	0.7000000	2.4	41.1	3.5	57	0.1	4.2	7.8	836	2.91	0.6	0.6	0.5	2.7	173	0.1	3.3	0.2	27	3.34	0.137	13	7	1.01	710	0.001	3	0.45	0.035	0.17	0.3	0.01	3.7	0.15	1	0.5	0.1
KKM04005-080	108.2	109.1	0.9	11.5	56.3	3.3	59	0.1	5.6	8.5	849	2.94	0.7	0.5	1.4	3.1	156	0.1	5.1	0.2	19	3.65	0.123	11	6.2	1.12	154	0.001	3	0.49	0.037	0.22	0.5	0.01	3.6	0.29	1	0.5	0.1
KKM04005-081	109.1	110.4	1.3000000	19.2	81.2	2.9	49	0.2	4.8	8.1	872	2.79	1.2	0.7	3	2.4	159	0.1	10.8	0.3	12	3.71	0.132	8	5.9	1.1	130	0.001	3	0.41	0.029	0.21	0.3	0.03	3.6	0.5	1	0.5	0.1
KKM04005-082	110.4	110.7	0.3	19.8	32.9	3.9	44	0.3	4.5	8.6	785	2.95	1.2	1.5	4.8	2.7	128	0.1	7	1.6	11	3.52	0.111	7	4	1.07	80	0.001	2	0.39	0.026	0.21	0.8	0.04	3	0.91	1	0.9	0.1
KKM04005-083	110.7	111.4	0.7000000	22.3	86.5	2.9	51	0.2	4.9	9.4	801	2.81	1.3	0.7	6.8	2.8	152	0.1	10.4	0.3	15	3.22	0.136	8	6.6	0.98	253	0.001	2	0.43	0.037	0.19	0.4	0.03	3.3	0.57	1	0.5	0.1
KKM04005-084	111.4	111.6	0.2	21	33.9	4.4	48	0.1	5.3	8.2	836	3.46	0.5	0.6	5.4	2.6	133	0.1	2.8	1.6	14	3.18	0.119	7	5.3	0.96	70	0.001	2	0.44	0.036	0.22	0.5	0.01	3.2	1.34	1	1.8	0.1
KKM04005-085	111.6	112.9	1.3000000	14.6	72.8	2.9	53	0.2	5.2	9.1	864	2.78	0.6	0.8	2.8	2.7	158	0.1	6.1	0.4	13	3.64	0.127	9	6.3	1.07	311	0.001	4	0.39	0.032	0.2	0.4	0.01	3.3	0.37	1	0.5	0.1
KKM04005-086	112.9	113.7	0.8	5.1	47.5	47.4	44	3.2	5.2	14.5	1034	3.38	4.6	0.9	7670	2.1	143	0.2	9.4	32.8	8	3.61	0.111	5	4.6	1.03	74	0.001	4	0.41	0.025	0.22	19.5	0.05	2.7	1.18	1	1.8	0.1
KKM04005-087	113.7	114.7	1	3.6	119.4	3.7	32	0.5	3	8.4	1012	2.48	0.8	0.6	79.4	2.1	138	0.3	5.9	0.8	9	3.41	0.142	7	5.9	0.95	281	0.001	2	0.48	0.023	0.28	0.4	0.01	2.3	0.42	1	0.5	0.1
KKM04005-088	114.7	115.7	1	3.6	51	4.2	37	0.2	3.3	7.9	1074	2.61	1.5	0.6	74.3	2.5	140	0.1	2.7	0.6	11	3.46	0.136	9	3.9	0.96	318	0.001	3	0.45	0.028	0.24	0.7	0.01	2.8	0.33	1	0.5	0.1
KKM04005-089	115.7	116.2	0.5	3.7	355.7	5.8	33	1.8	2.9	7.8	849	2.32	1.4	0.9	452.7	2.1	118	0.3	14.5	1.9	7	2.99	0.125	5	7.1	0.81	240	0.001	3	0.44	0.021	0.25	0.4	0.05	2.1	0.52	1	0.5	0.1
KKM04005-090	116.2	117.4	1.2	3.1	37	3.2	43	0.1	2.4	7.5	827	2.56	0.5	1.2	7.9	2.6	132	0.1	4.6	0.2	9	3.28	0.14	9	3.2	0.89	592	0.001	2	0.46	0.027	0.25	0.6	0.01	2.4	0.19	1	0.5	0.1
KKM04005-091	117.4	118.3	0.9	10.5	43	3	48	0.1	3.6	7.8	873	2.56	0.7	1.1	11.8	2.5	160	0.2	5.2	0.3	14	3.26	0.143	9	2.8	0.89	371	0.001	4	0.48	0 038	0.27	0.4	0.01	3	0.27	1	0.5	0.1
KKM04005-092	118.3	119.7	1.4	1.9	16.9	3.4	51	0.1	4.1	7.4	904	2.6	0.7	0.6	8.9	2.8	168	0.1	1.3	0.1	21	3.32	0.143	12	5.4	0.94	185	0.001	2	0.53	0.041	0.28	1	0.01	3.4	0.08	2	0.5	0.1
KKM04005-093	119.7	120.9	1.2	2.8	79.2	3.5	45	0.6	4	6.6	891	2.31	0.9	0.8	39.5	3.5	158	0.3	12.8	0.3	15	3.12	0.146	12	6.1	0.83	196	0.001	3	0.59	0.042	0.38	1.4	0.06	3.3	0.14	2	0.5	0.1
KKM04005-094	120.9	122.3	1.4	3.6	22.4	10.3	35	1.2	3.7	7.4	1019	2.86	1.1	1.4	113	3.1	142	0.2	5.3	3.6	18	3.06	0.128	8	3.7	0.8	59	0.002	3	0.7	0.038	0.32	14.2	0.03	2.9	1.03	2	1.1	0.1
KKM04005-095	122.3	122.7	0.4000000	3.3	64.8	78.5	18	7.1	2.8	8.5	1714	2.52	7.7	1.2	7160	1.7	201	0.2	13.4	54.4	8	5.28	0.098	7	2.3	0.52	53	0.002	5	0.7	0.021	0.4	0.6	0.07	1.8	1.51	2	2	0.1
KKM04005-096	122.7	124	1.3	11.9	17.6	4.1	48	0.1	4.2	6.8	878	2.4	0.7	1.4	8.4	3.5	226	0.1	4.1	0.3	23	2.98	0.136	13	6.4	0.84	507	0.002	5	0.69	0.054	0.27	1.8	0.01	3.2	0.22	3	0.5	0.1
KKM04005-097	124	125.2	1.2	17.8	27.8	3.4	50	0.1	4.3	7.4	827	2.54	0.7	1	34.1	3.2	226	0.1	4.7	0.2	26	2.7	0.12	12	6.9	0.84	477	0.001	4	0.71	0.048	0.25	0.7	0.01	3.4	0.15	3	0.5	0.1
KKM04005-098	125.2	126.4	1.2	2	10.9	3.2	48	0.1	3.5	7.2	855	2.61	0.5	0.8	1.7	3.7	206	0.1	1.2	0.1	16	3.22	0.141	14	3.8	0.89	578	0.001	6	0.61	0.063	0.31	0.3	0.01	3.3	0.12	2	0.5	0.1
KKM04005-099	126.4	127.4	1	2.6	15.3	4.2	54	0.1	5.1	7.6	812	2.64	0.8	0.9	2.2	3.4	179	0.1	1.9	0.2	22	3.08	0.133	14	8.3	0.87	739	0.002	5	0.79	0.069	0.33	1.2	0.01	3.5	0.08	3	0.5	0.1
KKM04005-100	127.4	128.6	1.2	4.7	39.7	3.9	57	0.4	4.5	7.4	884	2.72	0.7	0.8	23	3	170	0.1	7.7	0.3	22	3.12	0.152	12	6.2	0.92	499	0.001	2	0.56	0.043	0.24	0.8	0.03	3.5	0.22	2	0.5	0.1
KKM04005-101	128.6	129.6	1	10.1	33.7	3.6	57	0.1	3.5	7.7	874	2.8	0.5	0.6	19.5	2.7	164	0.1	5.3	0.3	19	3.31	0.138	10	3.6	0.96	295	0.001	3	0.48	0.04	0.21	0.3	0.01	2.8	0.32	2	0.5	0.1
KKM04005-102	129.6	130.7	1.1	10.3	51.1	3.5	47	0.1	3.8	7.6	804	2.53	0.7	0.6	29.1	2.5	162	0.1	6.7	0.3	17	3.23	0.149	10	4.4	0.9	174	0.001	3	0.5	0.038	0.26	0.9	0.01	3.1	0.38	1	0.5	0.1
KKM04005-103	130.7	131.9	1.2000000	6.7	51.8	3.8	48	0.2	3.8	7.8	867	2.7	0.8	0.6	121	2.5	158	0.1	8.1	0.5	15	3.41	0.146	10	3.4	0.94	268	0.001	4	0.49	0.038	0.26	0.4	0.02	2.9	0.38	1	0.5	0.1
KKM04005-104	131.9	133	1.1	21.1	95.8	46.6	37	3.3	3.9	8.1	820	2.51	3.3	0.8	2970	1.9	105	0.3	38.9	26.6	9	2.84	0.126	5	4.2	0.78	84	0.001	3	0.39	0.024	0.24	100	0.29	2.3	0.98	1	0.8	0.1
KKM04005-105	133	134.2	1.2	20.5	70	14.8	35	1.1	3.6	9.8	886	2.65	1.3	1.2	196	2.7	133	0.2	16.1	9.7	13	3.03	0.126	8	3.3	0.85	126	0.001	4	0.57	0.037	0.32	1.9	0.08	2.4	0.82	2	0.7	0.1
KKM04005-106	134.2	135.6	1.4	7.7	67.4	5.6	31	0.7	4.3	7.7	838	2.34	1.9	0.9	330.8	2.6	131	0.3	20.8	1.2	9	2.8	0.14	6	5.8	0.77	121	0.001	2	0.56	0.031	0.35	2.7	0.08	2.2	0.88	1	0.5	0.1
KKM04005-107	135.6	136.6	1	12.1	68.1	6.2	34	0.8	5.9	7.7	963	2.52	1.8	1	240.3	2.2	126	0.3	22.3	1.3	8	3.15	0.128	5	8	0.89	108	0.001	3	0.48	0.03	0.27	1.2	0.07	2.2	0.83	1	0.5	0.1
KKM04005-108	136.6	138	1.4	6.8	282.1	15.9	34	1	4.7	9.1	1131	2.73	2.3	0.9	266.2	2.4	157	0.3	25.1	1.8	11	3.54	0.159	7	4.2	1.07	148	0.001	5	0.64	0.032	0.4	0.6	0.12	2.9	0.92	2	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KKM04005	148.8	330	-60	512467	6066518	174.6	COMPLETE	12/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KKM04005-109	138	139.2	1.2	8.6	304.4	136.3	59	7.2	4.1	6.9	1039	2.43	8.5	2.1	1990	2.5	107	0.4	139.2	66.1	10	2.8	0.146	5	5.7	0.83	147	0.001	6	0.72	0.039	0.39	6.3	0.52	2.5	1.04	2	1.1	0.1
KKM04005-110	139.2	140.6	1.4	1.6	10	4.1	50	0.1	4.3	6.9	786	2.44	0.5	1.1	3.3	3.6	203	0.1	2	0.3	20	2.9	0.12	11	7	0.84	1098	0.001	5	0.65	0.066	0.26	0.8	0.01	3.3	0.09	2	0.5	0.1
KKM04005-111	140.6	142.1	1.5	8.4	36.7	4.7	48	0.2	4.1	7.7	944	2.77	0.9	1	44.5	2.5	370	0.1	5.5	0.4	13	3.64	0.118	6	3.8	1.05	355	0.001	5	0.48	0.041	0.23	0.4	0.01	3.1	0.32	1	0.5	0.1
KKM04005-112	142.1	142.7	0.6	17.3	78.4	7	40	0.4	6	8.9	1125	2.67	1.7	1	194.6	2.1	141	0.2	17.7	1.4	12	3.33	0.119	6	7.3	1.02	149	0.001	2	0.64	0.036	0.39	1.3	0.03	2.6	0.82	2	0.6	0.1
KKM04005-113	142.7	144	1.3000000	19	117.7	6.6	48	0.6	4.4	9	897	2.55	1.9	1.2	65.3	2.5	130	0.2	22.7	1.3	15	3.11	0.133	8	4.8	0.92	206	0.001	2	0.61	0.036	0.36	0.5	0.02	2.7	0.57	2	0.6	0.1
KKM04005-114	144	145.1	1.1	8.1	59.3	6.8	37	0.5	4.6	7.1	1097	2.39	0.9	1.2	75.5	3.1	146	0.2	7.3	1.1	11	3.36	0.138	7	5.1	0.97	234	0.002	4	0.55	0.028	0.33	1.1	0.01	2.8	0.56	2	0.5	0.1
KKM04005-115	145.1	146.1	1	4.2	116.1	6.6	50	1.5	4.6	8.5	849	2.63	2.1	1.2	100.1	2.7	160	0.3	22.6	1.9	10	3.26	0.133	7	3.6	0.9	120	0.001	4	0.63	0.034	0.35	0.6	0.03	2.7	0.72	2	0.6	0.1
KKM04005-116	146.1	147.5	1.4	1.2	19.7	4.4	51	0.1	5.2	7.6	862	2.73	0.8	1.3	6.7	3.6	226	0.1	2.7	0.2	35	3.26	0.137	14	8.9	0.92	475	0.002	4	1.03	0.055	0.26	0.8	0.01	3.9	0.19	4	0.5	0.1
KKM04005-117	147.5	148.8	1.3000000	2.9	47.2	4.2	52	0.1	4.6	7.9	753	2.75	0.7	1.1	2.8	3.4	297	0.1	1.9	0.7	39	2.5	0.136	14	7.1	0.89	268	0.007	5	1.1	0.054	0.24	0.3	0.01	3.4	0.33	5	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KMY04001-001	0	7.9	7.9	0.9	24	3.6	47	0.2	45.7	9.8	444	5.18	41.7	0.6	4.1	4.5	18	0.1	0.6	0.1	93	0.13	0.055	11	58.6	0.49	101	0.012	1	2.47	0.059	0.1	0.5	0.01	5.7	0.09	9	0.5	0.1
KMY04001-002	7.9	9.5	1.6	0.4	17.2	5.6	76	0.2	29	10.3	908	5.16	34.6	0.4	1.2	2.5	30	0.1	0.3	0.1	77	0.4	0.106	10	27.2	0.97	126	0.022	1	3.02	0.085	0.09	0.1	0.01	4.7	0.06	9	0.5	0.1
KMY04001-003	9.5	14	4.5	1.3	42.5	3.4	64	0.2	45.9	11.6	360	4.52	38.8	0.9	0.5	5.1	33	0.1	0.5	0.2	80	0.28	0.037	23	41.1	0.64	71	0.008	1	2.47	0.114	0.1	0.2	0.01	4.8	0.05	8	0.5	0.1
KMY04001-004	14	15.4	1.4	0.8	45	5	88	0.1	24	21.6	1208	5.54	12.7	0.1	0.6	0.8	140	0.1	0.4	0.1	126	2.24	0.141	5	20.6	2.02	124	0.022	1	4.85	0.345	0.07	0.1	0.01	7.9	0.14	12	0.5	0.1
KMY04001-005	15.4	17.1	1.7	1.9	43.3	9.7	98	0.4	84.1	14.4	405	4.69	67	0.5	0.5	4.7	15	0.1	1.9	0.4	52	0.18	0.084	16	53.5	1.43	106	0.008	1	2.42	0.017	0.17	0.1	0.01	2.1	0.05	6	0.9	0.1
KMY04001-006	17.1	18.9	1.8	0.4	16.7	2.8	60	0.2	4.6	10.9	934	4.59	16.7	0.1	0.9	0.7	68	0.1	0.2	0.1	87	1.16	0.175	5	2.5	1.31	195	0.039	1	2.87	0.15	0.11	0.1	0.01	4.6	0.05	10	0.5	0.1
KMY04001-007	18.9	20.1	1.2	1.1	51	7.7	120	0.2	85.5	18.7	705	5.25	34.3	0.2	0.5	3.8	32	0.2	0.8	0.2	98	0.57	0.12	13	75	1.89	92	0.032	1	2.92	0.056	0.18	0.1	0.01	3.8	0.05	8	0.7	0.1
KMY04001-008	20.1	21.7	1.6	1.8	62.8	10.6	137	0.3	107	19.8	528	5.37	31.5	0.3	0.5	4.7	18	0.3	0.7	0.3	119	0.31	0.118	18	108.5	1.97	80	0.037	1	2.86	0.025	0.19	0.1	0.01	3.9	0.05	8	1	0.1
KMY04001-009	21.7	23.2	1.5	1.7	51.3	9.2	202	0.6	159	24.3	895	6.03	137.1	0.3	0.5	4.6	17	0.8	1.5	0.2	105	0.22	0.096	19	93.3	1.72	81	0.021	1	2.72	0.014	0.19	0.2	0.01	5	0.06	8	0.7	0.1
KMY04001-010	23.2	25	1.8	1.6	58.2	349.1	205	1.7	55.8	11	264	2.98	314.1	0.5	1.1	3.7	12	1.4	2	0.1	40	0.07	0.034	32	32	0.47	60	0.003	1	1.22	0.022	0.17	100	0.06	2.8	0.05	3	0.5	0.1
KMY04001-011	25	27.7	2.7	1.4	50.7	11	147	0.3	103	13.2	366	5.13	61.6	0.3	0.5	4.7	18	0.2	1.4	0.2	94	0.23	0.103	20	93.5	1.91	86	0.029	1	2.8	0.022	0.2	0.5	0.01	3.5	0.05	8	0.9	0.1
KMY04001-012	27.7	29.3	1.6	2.3	57.8	16.1	138	0.1	98.2	16.4	394	5.23	29.8	0.2	0.5	3.8	13	0.3	1.3	0.3	95	0.14	0.094	12	93.6	1.88	75	0.031	1	2.69	0.025	0.18	0.6	0.01	3.4	0.42	7	1.2	0.1
KMY04001-013	29.3	30.7	1.4	2.1	61.1	11.8	122	0.1	91	13.6	409	5.86	22.6	0.2	0.5	3.9	10	0.1	1.5	0.3	114	0.1	0.084	12	109.1	1.88	69	0.04	1	2.89	0.022	0.14	0.1	0.01	4.2	0.35	9	1.4	0.1
KMY04001-014	30.7	32.3	1.6	1.9	49.7	11.9	100	0.2	79.8	10.4	401	6.19	22.7	0.2	0.5	3.7	10	0.1	2.2	0.3	119	0.08	0.067	11	106.1	1.58	57	0.037	1	2.92	0.026	0.13	0.1	0.01	5.1	0.53	9	1.6	0.1
KMY04001-015	32.3	34.8	2.5	0.6	19.6	16.9	60	0.2	49.3	7.7	237	3.93	16.4	0.7	2.1	4.5	15	0.2	0.3	0.1	79	0.06	0.024	22	64.6	0.35	181	0.006	1	1.89	0.048	0.13	0.1	0.01	4	0.05	6	0.5	0.1
KMY04001-016	34.8	35.6	0.8000000	2.1	38.1	21.3	175	0.5	71.4	10.8	391	3.91	61.3	0.4	0.5	4.3	12	0.8	0.9	0.2	69	0.13	0.073	23	64.3	0.94	71	0.008	1	2.05	0.023	0.14	0.1	0.01	3.2	0.05	5	0.6	0.1
KMY04001-017	35.6	36.1	0.5	1.2	28.9	59.4	186	0.5	9.6	6.9	774	2.08	27	0.8	11.4	2.1	51	3.7	0.4	0.1	8	1.73	0.093	8	3.2	0.36	113	0.001	1	0.6	0.035	0.25	0.2	0.01	1.8	0.2	1	0.5	0.1
KMY04001-018	36.1	37.4	1.3	0.7	38.6	91.2	380	0.6	18.8	9.4	956	2.2	60.3	0.7	8	2.3	20	7.9	0.5	0.1	6	0.65	0.092	9	1.3	0.12	101	0.001	1	0.73	0.03	0.23	0.3	0.01	2.1	0.05	1	0.5	0.1
KMY04001-019	37.4	37.8	0.4	0.4	34.6	47.8	560	0.5	27.5	9.2	849	2.26	54.7	0.6	6.1	2.2	15	14	0.5	0.1	5	0.57	0.103	10	1	0.15	115	0.001	1	0.83	0.026	0.24	0.1	0.01	2.1	0.05	1	0.5	0.1
KMY04001-020	37.8	38.4	0.6000000	0.5	60.7	145.4	449	1.3	23.1	12.5	882	2.02	333.1	0.5	40.4	2.1	15	7.8	0.9	0.1	4	0.3	0.099	11	1.1	0.18	85	0.001	1	0.89	0.019	0.21	0.2	0.01	1.8	0.05	1	0.5	0.1
KMY04001-021	38.4	39	0.6000000	3.7	77.2	10000	250	91.5	2.2	0.6	40	4.76	10000	0.1	29737	0.3	24	5	87	0.2	1	0.04	0.017	1	4.2	0.01	30	0.001	1	0.12	0.007	0.05	0.2	0.28	0.6	0.73	1	5.1	0.1
KMY04001-022	39	39.6	0.6000000	3.5	203.9	10000	592	30.7	5.5	1	26	7.79	10000	0.1	277	2.3	93	7.4	57.3	0.2	14	0.07	0.065	10	8.1	0.02	79	0.001	1	0.35	0.014	0.18	0.9	0.27	2.4	0.21	2	5.2	0.1
KMY04001-023	39.6	40.4	0.8	1.9	100.4	357.6	546	1.8	30.5	4.9	71	4.57	878.1	0.2	1	2.5	15	2.1	2.7	0.2	38	0.09	0.073	18	39.3	0.1	62	0.001	1	1.05	0.012	0.16	0.2	0.04	3.3	0.05	3	0.8	0.1
KMY04001-024	40.4	41.5	1.1	1.6	115.1	182.5	626	1.5	31.2	5.1	103	4.78	805.9	0.2	0.7	2.5	14	2.5	2.3	0.2	38	0.07	0.073	16	34.5	0.16	64	0.001	2	1.07	0.012	0.14	0.2	0.05	3.3	0.05	3	0.6	0.1
KMY04001-025	41.5	43.5	2	2.7	75.6	250.8	650	2.8	22	4.2	180	5.55	1824	0.2	66.5	2.8	14	3.1	2.7	0.2	31	0.16	0.068	16	22	0.12	68	0.001	1	0.68	0.012	0.17	0.2	0.05	2.4	0.05	3	0.6	0.1
KMY04001-026	43.5	44.5	1	0.5	22	34	120	0.2	5.2	6.4	637	2.14	40.6	0.5	4.4	1.7	69	0.8	0.8	0.1	11	2.45	0.11	12	3	0.42	126	0.001	1	0.75	0.038	0.21	0.1	0.01	2	0.1	2	0.5	0.1
KMY04001-027	44.5	45.5	1	0.5	13.4	16.7	125	0.3	6.5	7.8	719	2.26	86.2	0.4	13.8	2.3	22	2.3	0.5	0.1	8	1.89	0.114	13	2.1	0.07	150	0.001	1	0.6	0.042	0.23	0.1	0.01	2	0.05	1	0.5	0.1
KMY04001-028	45.5	46.3	0.8	0.3	12.3	11.7	196	0.2	8.1	7.5	738	2.15	73.4	0.5	3.9	2.3	21	4.3	0.5	0.1	8	1.87	0.117	15	1.2	0.06	115	0.001	1	0.57	0.047	0.24	0.2	0.01	2.2	0.05	1	0.5	0.1
KMY04001-029	46.3	47.4	1.1	0.4	11.6	8.1	66	0.1	3.9	7	753	2.26	28.2	0.5	25.3	1.7	69	0.6	0.3	0.1	5	2.77	0.119	7	1.6	0.45	102	0.001	1	0.46	0.038	0.24	0.1	0.01	1.9	0.37	1	0.5	0.1
KMY04001-030	47.4	47.9	0.5	0.4	13.9	8.9	90	0.2	6.1	7.6	611	2.33	39.5	0.4	21.1	1.9	34	1.3	0.2	0.1	10	1.97	0.12	11	2.7	0.29	106	0.001	1	0.84	0.037	0.22	0.1	0.01	2	0.1	2	0.5	0.1
KMY04001-031	47.9	49.5	1.6	1.5	34.4	3.8	85	0.3	37.3	5	205	3.51	38.4	0.3	1.8	2.4	14	0.4	0.3	0.1	57	0.11	0.015	17	41.3	0.48	54	0.001	1	1.78	0.046	0.18	0.1	0.01	3.8	0.05	6	0.5	0.1
KMY04001-032	49.5	50.6	1.1	1.9	46.5	4.8	126	0.4	35	6.8	238	5.01	54.1	0.1	1	2.3	12	1.2	0.4	0.2	66	0.09	0.02	4	52.6	0.57	40	0.002	1	2.05	0.038	0.16	0.1	0.01	4.9	0.05	7	0.5	0.1
KMY04001-033	50.6	52.2	1.6	1.5	29.3	4.2	787	0.4	39.9	6.4	208	3.54	71.3	0.2	10.3	2	16	5.7	0.4	0.9	54	0.23	0.087	11	50	0.54	50	0.002	1	1.82	0.039	0.17	0.2	0.01	3.3	0.05	6	0.5	0.1
KMY04001-034	52.2	53.7	1.5	1.4	34	5.1	117	0.3	49.8	7.5	219	3.64	57.2	0.2	0.9	2.3	16	0.8	0.5	0.2	50	0.06	0.01	14	48	0.63	48	0.001	1	1.87	0.046	0.13	0.1	0.01	3	0.05	6	0.5	0.1
KMY04001-035	53.7	54.6	0.9	1.3	42.1	7.2	173	0.5	55.5	8.9	244	3.61	74.6	0.2	1.5	2.9	12	1.1	0.8	0.5	55	0.05	0.017	10	51.2	0.65	41	0.002	1	1.88	0.047	0.1	0.1	0.01	3	0.05	6	0.5	0.1
KMY04001-036	54.6	55.5	0.9	1.1	43.8	12.4	92	0.1	43.3	6.9	245	3.48	28.5	0.1	0.6	2	13	0.4	0.5	0.2	50	0.03	0.007	4	50.7	0.64	44	0.001	1	1.88	0.061	0.09	0.1	0.01	2.9	0.05	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04001	71	220	-45	507191	6066718	959	COMPLETE	22/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KMY04001-037	55.5	56.4	0.9	1.5	40.2	3	108	0.2	44.1	6.2	247	3.57	28	0.2	1	2.2	18	0.5	0.3	0.3	58	0.04	0.006	7	51.8	0.67	47	0.001	1	1.98	0.086	0.1	0.1	0.01	3.7	0.05	7	0.5	0.1
KMY04001-038	56.4	57.4	1	0.8	36.7	1.6	78	0.1	43.1	5.8	261	3.61	13.4	0.2	0.5	2.8	19	0.3	0.3	0.1	61	0.04	0.008	7	60	0.63	44	0.001	1	1.93	0.062	0.11	0.1	0.01	3.6	0.05	7	0.5	0.1
KMY04001-039	57.4	59.1	1.7	0.9	47.8	2.1	123	0.2	42.5	8.4	368	4.62	20.7	0.2	1.3	1.9	14	0.4	0.4	0.2	61	0.04	0.01	7	49.7	0.74	46	0.001	1	2.34	0.061	0.08	0.1	0.01	4.2	0.05	8	0.5	0.1
KMY04001-040	59.1	59.8	0.7	0.7	51.6	2.1	99	0.1	46.8	14.3	364	3.56	22.3	0.1	0.5	1.2	17	0.1	0.3	0.2	47	0.06	0.017	5	36	0.74	56	0.001	1	2.04	0.072	0.08	0.1	0.01	3.7	0.05	7	0.5	0.1
KMY04001-041	59.8	61.6	1.8	0.5	30.8	1.9	132	0.2	29.1	10.5	502	5.11	13.7	0.1	1.2	1	12	0.3	0.3	0.2	57	0.04	0.01	2	35.4	1.1	46	0.002	1	2.71	0.052	0.07	0.1	0.01	4.4	0.05	8	0.5	0.1
KMY04001-042	61.6	62.8	1.2	0.4	21.2	1.2	82	0.1	25.1	13.3	265	4.5	15.5	0.1	1	0.6	11	0.1	0.2	0.1	55	0.03	0.009	1	36.2	0.95	53	0.002	1	2.45	0.053	0.09	0.1	0.01	4.3	0.05	7	0.5	0.1
KMY04001-043	62.8	63.4	0.6000000	0.6	35.5	1	81	0.2	26.4	8.5	147	3.11	15.7	0.1	0.5	0.6	10	0.2	0.3	0.2	41	0.02	0.005	1	27.9	0.64	43	0.001	1	1.75	0.047	0.07	0.1	0.01	3.2	0.05	6	0.5	0.1
KMY04001-044	63.4	64	0.6000000	0.8	30.8	1.3	78	0.2	25.2	14.1	191	4.42	27.5	0.1	1.2	0.6	11	0.1	0.3	0.2	42	0.09	0.042	1	29.9	0.84	48	0.002	1	2.35	0.045	0.08	0.1	0.01	3.5	0.05	7	0.5	0.1
KMY04001-045	64	64.6	0.6	0.5	21.3	1.1	83	0.1	26.4	11.3	145	3.58	16	0.1	1.2	0.7	12	0.2	0.2	0.1	43	0.03	0.004	1	31.4	0.68	54	0.002	1	2.02	0.056	0.1	0.1	0.01	3.2	0.05	6	0.5	0.1
KMY04001-046	64.6	65.9	1.3000000	0.6	23.5	1.3	74	0.2	25.8	12.1	142	3.55	45	0.1	2.6	0.5	12	0.2	0.2	0.2	33	0.09	0.043	2	23.6	0.64	42	0.002	1	1.93	0.049	0.08	0.1	0.01	2.7	0.05	5	0.5	0.1
KMY04001-047	65.9	66.7	0.8	0.5	22.9	1.7	115	0.2	29.5	14.3	170	4.19	29.8	0.1	1.4	0.5	12	0.4	0.2	0.1	45	0.05	0.017	6	26.1	0.75	41	0.002	1	2.21	0.049	0.08	0.1	0.01	3.6	0.05	6	0.5	0.1
KMY04001-048	66.7	67.4	0.7000000	0.8	27.2	1.3	84	0.2	24.3	11.3	134	3.92	18.4	0.1	0.8	0.7	12	0.1	0.3	0.1	44	0.03	0.01	4	27.8	0.63	47	0.001	1	2.03	0.061	0.08	0.1	0.01	3.5	0.05	6	0.5	0.1
KMY04001-049	67.4	68.9	1.5	0.7	30.7	1.6	75	0.1	14.8	7.2	91	4.33	11	0.1	0.7	0.6	12	0.1	0.2	0.1	52	0.03	0.007	1	21.3	0.51	81	0.002	1	2.18	0.055	0.07	0.1	0.01	4.5	0.05	7	0.5	0.1
KMY04001-050	68.9	69.7	0.8	0.7	34.5	1.3	99	0.1	14.6	9.6	106	4.8	10	0.1	0.8	0.5	11	0.1	0.2	0.1	50	0.02	0.002	4	17.2	0.63	52	0.002	1	2.39	0.053	0.07	0.1	0.01	4.8	0.05	8	0.5	0.1
KMY04001-051	69.7	71	1.3	0.4	24.5	1	89	0.1	17.1	10.4	118	4.61	16.7	0.1	0.7	0.4	11	0.1	0.2	0.1	46	0.03	0.005	1	17.8	0.63	48	0.002	1	2.29	0.055	0.07	0.1	0.01	4.4	0.05	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KMY04002	106.4	220	-60	507191	6066718	959	COMPLETE	27/09/2004	Chris Gallagher

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KMY04002-001	7.9	9.1	1.2	1.2	33.6	3.8	69	0.2	43.5	9.3	288	5.02	35.8	0.4	14.6	3.3	24	0.1	0.5	0.1	64	0.07	0.029	10	49.7	0.53	62	0.011	1	2.21	0.076	0.13	0.6	0.01	3.9	0.64	7	0.6	0.1
KMY04002-002	9.1	11	1.9	1	32.2	3.4	74	0.2	39.9	13.2	480	4.06	42.3	0.7	3.4	3.6	35	0.1	0.7	0.1	57	0.28	0.044	32	20.3	0.64	98	0.011	1	2.42	0.106	0.18	0.1	0.01	3.8	0.05	6	0.5	0.1
KMY04002-003	11	12	1	1.5	41.8	9.4	77	0.3	52.2	18.2	576	3.8	56.9	0.3	0.5	1.6	123	0.1	1.5	0.1	68	1	0.107	28	24.1	1.09	312	0.032	1	2.9	0.214	0.15	0.2	0.01	3.9	0.17	7	0.5	0.1
KMY04002-004	12	13.6	1.6	0.9	12.4	6.5	50	0.2	16.9	9.4	980	2.19	37.9	0.8	2.6	2.6	24	0.3	0.4	0.1	11	0.55	0.103	13	2.9	0.25	145	0.001	1	0.98	0.042	0.29	0.5	0.01	2.3	0.05	3	0.5	0.1
KMY04002-005	13.6	15.2	1.6	0.2	11.1	7.1	44	0.2	7.7	7.6	756	2.18	20.2	0.9	10.8	2.5	29	0.3	0.2	0.1	15	1.13	0.11	13	2.5	0.29	149	0.001	1	1.03	0.054	0.32	0.3	0.01	2.6	0.05	3	0.5	0.1
KMY04002-006	15.2	16.5	1.3	4.2	13.9	7.6	61	0.2	5.8	8.5	797	2.54	13.5	0.7	10	2.1	48	0.2	0.3	0.2	22	1.31	0.105	11	3.1	0.49	135	0.002	1	1.32	0.059	0.24	0.3	0.01	2.3	0.08	4	0.5	0.1
KMY04002-007	16.5	17.1	0.6000000	1.4	28.4	5.6	84	0.3	69.3	15.6	658	4.05	46.3	0.4	0.7	3.2	24	0.2	0.5	0.2	55	0.46	0.094	16	38.4	1.15	119	0.005	1	2.17	0.03	0.28	0.3	0.01	3.1	0.05	6	0.5	0.1
KMY04002-008	17.1	18.3	1.2	2.4	41.9	20	103	0.7	80.1	11	206	4.94	69.6	0.4	0.5	4.4	23	0.2	2	0.3	69	0.22	0.105	20	74.4	1.35	97	0.011	1	2.62	0.018	0.24	0.1	0.01	3	0.06	7	1.2	0.1
KMY04002-009	18.3	19.8	1.5	2.1	57.9	13.2	127	0.4	114	16.9	314	4.87	118.1	0.5	0.5	4.5	57	0.2	2.3	0.3	60	0.2	0.061	20	64.1	1.17	87	0.013	1	2.44	0.024	0.23	0.2	0.01	2.9	0.05	6	1	0.1
KMY04002-010	19.8	21.3	1.5	8.2	87	17.3	247	0.8	350	109	4147	5.96	301.4	0.6	1.1	5.3	73	1.1	4.2	0.3	71	0.19	0.07	22	69.7	0.74	122	0.01	1	2.27	0.026	0.19	0.4	0.01	3.2	0.05	7	1.9	0.1
KMY04002-012	24.4	26.2	1.8	2.2	31.4	8.6	114	0.4	102	11.5	386	5.48	33.4	0.2	0.6	5	38	0.1	0.8	0.3	105	0.2	0.09	21	115	1.75	91	0.03	1	3.13	0.033	0.2	0.1	0.01	4.3	0.05	9	1	0.1
KMY04002-013	26.2	27.7	1.5	2.6	34.9	15.4	109	0.4	93.2	9.3	308	4.62	24.9	0.3	0.5	5.3	24	0.1	1.2	0.4	95	0.16	0.08	25	109.8	1.5	92	0.025	1	2.81	0.034	0.21	0.1	0.01	3.8	0.05	9	1.3	0.1
KMY04002-014	30.5	31.4	0.9	1	56.7	10	192	1.6	103	17.5	552	4.84	34.3	0.4	0.5	4.5	16	1	0.7	0.1	86	0.25	0.1	22	90.5	1.77	102	0.015	1	2.92	0.029	0.24	2.9	0.01	3.5	0.05	8	0.5	0.1
KMY04002-015	31.4	32.8	1.4	0.7	22.1	6	155	0.2	37.6	10	563	2.81	15.6	0.5	0.5	2.8	20	1.3	0.3	0.1	32	0.32	0.092	15	21.6	0.83	113	0.003	1	1.74	0.042	0.24	0.1	0.01	2.6	0.05	5	0.5	0.1
KMY04002-016	32.8	34	1.2	0.2	18.7	5.8	104	0.1	9.9	7.7	656	2.06	4.5	0.6	0.5	2.5	63	1.2	0.1	0.1	18	1.4	0.099	12	4.8	0.56	306	0.002	1	1.2	0.042	0.23	0.1	0.01	2.5	0.05	4	0.5	0.1
KMY04002-017	34	36.3	2.3	1.2	51.2	12.4	180	0.3	80.7	14.5	431	4.62	27	0.3	0.5	4	22	1.2	0.9	0.2	70	0.49	0.112	20	74.3	1.71	86	0.009	1	2.77	0.025	0.22	0.1	0.01	3.3	0.05	8	0.5	0.1
KMY04002-018	38.1	38.4	0.3	1.2	49.2	17	163	0.4	66.7	9.6	232	4.83	46.9	0.2	0.6	4	14	0.9	1.3	0.3	61	0.2	0.083	20	76	1.49	65	0.006	1	2.64	0.015	0.2	0.1	0.01	3.1	0.05	7	1.3	0.1
KMY04002-019	39.3	40.5	1.2	2.1	96.9	11.7	637	0.5	84	13.3	406	5.08	76.5	0.3	0.5	4.3	17	4.9	2	0.2	59	0.21	0.086	21	70.6	1.09	81	0.005	1	2.27	0.026	0.21	0.1	0.02	3.2	0.05	6	0.8	0.1
KMY04002-020	40.5	42.4	1.9	2.7	72.7	18.5	284	0.9	48.3	7.3	305	5.74	154.6	0.4	0.5	3.9	15	3.4	3.3	0.2	53	0.15	0.083	21	53.4	0.64	87	0.001	1	1.92	0.021	0.22	0.2	0.03	3.6	0.05	5	0.9	0.1
KMY04002-021	42.4	43.9	1.5	0.7	84.3	126.5	685	1.7	22.6	6.6	751	1.93	226.3	0.4	34	2.1	17	8.8	0.7	0.1	11	0.26	0.076	13	5.8	0.12	94	0.001	1	0.82	0.027	0.24	0.2	0.02	2	0.05	2	0.5	0.1
KMY04002-022	43.9	45.4	1.5	0.7	82.8	47.5	655	1.1	22.5	12.2	1113	2.51	101.7	0.5	11	2.3	21	9.3	0.6	0.1	8	0.5	0.126	16	2.5	0.11	131	0.001	1	0.81	0.043	0.24	0.2	0.01	2.3	0.05	2	0.5	0.1
KMY04002-023	45.4	46.5	1.1	0.7	67.2	23.2	866	1.3	27.6	11.8	995	2.41	94	0.6	6.3	2.4	25	9.7	0.7	0.1	12	0.38	0.124	17	2.5	0.21	167	0.001	1	1.08	0.047	0.29	1.3	0.01	2.2	0.05	3	0.5	0.1
KMY04002-024	46.5	47.9	1.4	0.5	27.1	7.2	516	0.7	18.9	8.5	692	2.24	57.7	0.5	2.7	2.1	29	5.2	0.5	0.1	15	0.62	0.117	14	4.8	0.32	146	0.001	1	1.09	0.037	0.25	0.1	0.01	2.1	0.05	3	0.5	0.1
KMY04002-025	47.9	48.8	0.9	0.4	35.5	6	742	0.5	16.2	7.4	603	2.25	59.3	0.5	4	2.2	24	5.5	0.4	0.1	13	0.4	0.117	16	4	0.32	137	0.001	1	1.08	0.044	0.26	0.1	0.01	2	0.05	3	0.5	0.1
KMY04002-026	48.8	50.2	1.4	1.1	38.1	7.1	272	0.9	13.8	6.4	490	2.33	60.7	0.3	1.7	1.7	29	2.7	0.4	0.1	23	0.69	0.081	12	11.8	0.24	111	0.001	1	1.14	0.05	0.24	1.8	0.01	2.5	0.05	3	0.5	0.1
KMY04002-027	50.2	51.3	1.1	1.3	62.1	5.9	113	0.5	31.9	5.9	263	3.61	46.9	0.1	0.5	1.1	18	1.2	0.5	0.2	45	0.07	0.016	3	27.5	0.24	70	0.001	1	1.44	0.053	0.18	0.1	0.01	3.6	0.05	4	0.5	0.1
KMY04002-028	51.3	52.7	1.4	1.3	41.8	8.2	105	0.6	38.3	7.6	398	5.78	67.8	0.1	2.9	1.4	18	0.4	0.6	0.1	56	0.14	0.049	8	35	0.55	66	0.001	1	2.29	0.04	0.17	0.1	0.01	4.5	0.05	7	0.5	0.1
KMY04002-029	52.7	53.6	0.9	1.2	37.5	10.6	111	0.6	32.4	7.3	303	3.67	95.9	0.3	2.2	1.6	17	1	0.6	0.1	39	0.12	0.021	9	24.4	0.2	96	0.001	1	1.47	0.049	0.23	0.4	0.01	3.7	0.05	4	0.5	0.1
KMY04002-030	53.6	54.6	1	0.2	20	13.8	114	0.4	9.5	8.1	746	2.45	50.4	0.4	3.6	1.9	23	1.9	0.4	0.1	9	1.13	0.123	15	2.1	0.1	135	0.001	1	0.8	0.039	0.25	0.1	0.01	1.7	0.05	2	0.5	0.1
KMY04002-031	54.6	56.3	1.7	1.6	14.8	19.9	112	0.9	18.9	8.2	467	2.39	71.2	0.4	27.3	1.6	21	1.7	0.4	0.1	15	0.66	0.093	13	7.5	0.22	139	0.001	2	1.03	0.036	0.25	0.6	0.01	1.7	0.05	2	0.5	0.1
KMY04002-032	56.3	57.6	1.3	2.4	24.5	2.5	77	1.8	24.1	5.4	179	2.64	28.8	0.2	5.9	1.7	20	0.4	0.6	0.1	31	0.08	0.019	7	26.9	0.29	633	0.001	1	1.33	0.046	0.14	3.1	0.01	2.4	0.05	4	0.5	0.1
KMY04002-033	57.6	60.1	2.5	1.5	32.1	20.5	118	2.7	56.2	9.3	333	3.59	59.4	0.3	2.6	3.7	21	0.5	1.1	0.1	58	0.19	0.057	19	54.5	0.95	133	0.012	1	2.1	0.046	0.18	6.1	0.01	2.7	0.05	6	0.5	0.1
KMY04002-034	60.1	62.2	2.1	1.3	68	86.2	688	13.8	46.7	8.4	660	2.94	372	0.5	28.9	2.7	17	8.5	0.8	0.1	23	0.3	0.085	14	20.1	0.45	108	0.001	1	1.47	0.028	0.23	28	0.01	2.3	0.05	3	0.5	0.1
KMY04002-035	62.2	65.2	3	1.8	35	22.9	139	4.7	27	6.8	283	2.86	71.4	0.2	5.6	1.5	19	1	0.3	0.1	30	0.21	0.053	7	20.8	0.29	104	0.001	1	1.41	0.052	0.21	17.9	0.01	2.6	0.05	4	0.5	0.1
KMY04002-036	65.2	66.1	0.9	1.1	22.6	9.7	97	0.5	30.9	7.2	228	3.18	53.7	0.2	3	1.3	15	0.6	0.4	0.1	38	0.11	0.021	5	26.9	0.39	64	0.001	1	1.66	0.056	0.16	0.7	0.01	3.2	0.05	5	0.5	0.1
KMY04002-037	66.1	67.1	1	0.6	26.7	2.1	90	0.2	29	6.2	176	3.61	22.2	0.2	1.4	0.9	17	0.3	0.4	0.1	47	0.15	0.049	2	29.5	0.56	71	0.001	1	2.19	0.095	0.15	0.2	0.01	3.7	0.05	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04002	106.4	220	-60	507191	6066718	959	COMPLETE	27/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KMY04002-038	67.1	68.3	1.2	0.4	28.6	1.8	77	0.2	22.8	8.2	183	3.46	11.6	0.1	0.5	1.1	16	0.2	0.3	0.1	43	0.04	0.005	5	23.6	0.59	72	0.001	1	2.18	0.096	0.13	0.2	0.01	3.6	0.05	6	0.5	0.1
KMY04002-039	68.3	68.6	0.3	0.5	31.7	10.2	150	0.3	15.3	16.4	1400	6.1	59.5	0.2	8.9	0.8	53	0.8	0.4	0.1	135	1.01	0.104	6	8.5	1.61	245	0.012	1	4.37	0.152	0.08	0.3	0.01	6.4	0.05	12	0.5	0.1
KMY04002-040	68.6	70.1	1.5	0.4	30	5.1	96	0.2	14.8	9.6	332	4.83	26.5	0.1	3	0.7	25	0.2	0.3	0.1	68	0.26	0.027	2	17.3	0.74	88	0.003	1	2.89	0.114	0.13	0.2	0.01	4.7	0.05	8	0.5	0.1
KMY04002-041	70.1	72.6	2.5	0.7	25.3	1.2	68	0.1	15.9	6.9	125	3.94	22.5	0.1	0.9	0.7	12	0.1	0.2	0.1	42	0.04	0.008	1	14.7	0.47	49	0.001	1	2.2	0.08	0.08	0.1	0.01	3.6	0.05	6	0.5	0.1
KMY04002-042	72.6	73.5	0.9000000	1.1	39.4	1.4	81	0.1	22.4	9.1	124	4.61	15.2	0.1	1	0.8	9	0.1	0.4	0.2	56	0.05	0.013	1	22.6	0.5	39	0.002	1	2.38	0.049	0.05	0.1	0.01	5.1	0.05	8	0.5	0.1
KMY04002-043	73.5	74.4	0.9000000	0.6	31.7	1.2	86	0.3	14.9	9.9	126	4.45	17.2	0.1	0.5	0.8	12	0.1	0.3	0.1	52	0.04	0.006	1	16.8	0.54	59	0.001	1	2.51	0.076	0.13	0.1	0.01	4.7	0.05	8	0.5	0.1
KMY04002-044	74.4	75.6	1.2	0.8	26.7	1.4	83	0.3	18	9.9	155	4.41	23.5	0.1	1.2	0.9	13	0.1	0.2	0.1	46	0.06	0.016	2	22.3	0.57	57	0.002	1	2.51	0.079	0.12	0.1	0.01	4.3	0.05	7	0.5	0.1
KMY04002-045	75.6	76.2	0.6000000	0.7	31.1	1.9	91	0.5	21	11.5	176	5.09	61.6	0.1	3.6	0.8	13	0.1	0.4	0.1	54	0.06	0.014	3	25.3	0.67	60	0.002	1	2.79	0.074	0.14	0.1	0.01	4.7	0.05	8	0.5	0.1
KMY04002-046	76.2	76.9	0.7000000	1.3	43.1	1.4	87	0.7	19.2	10.9	173	4.1	46.4	0.1	2.6	1.7	12	0.1	0.3	0.1	51	0.04	0.004	1	15.1	0.59	57	0.001	1	2.34	0.057	0.17	0.2	0.01	4	0.05	7	0.5	0.1
KMY04002-047	76.9	78.1	1.2	0.5	30.1	1.6	120	0.2	21	14.4	238	5.65	22.5	0.1	1.4	0.8	13	0.1	0.3	0.1	61	0.05	0.007	3	19.3	0.72	57	0.002	1	2.97	0.068	0.09	0.1	0.01	5.9	0.05	9	0.5	0.1
KMY04002-048	78.1	78.9	0.8000000	0.6	22.1	1.1	85	0.1	16	11	215	4.67	5.3	0.1	0.5	0.7	11	0.1	0.2	0.1	44	0.08	0.024	3	22.3	0.61	48	0.002	1	2.52	0.061	0.08	0.1	0.01	4.3	0.05	7	0.5	0.1
KMY04002-049	78.9	79.5	0.6	1.7	37.6	1.5	105	0.3	17.2	12.5	234	4.69	41	0.2	1.1	2.1	12	0.2	0.2	0.1	41	0.05	0.009	2	13.9	0.58	51	0.002	1	2.41	0.057	0.11	0.1	0.01	4.3	0.05	7	0.5	0.1
KMY04002-050	79.5	80.3	0.8	0.4	26.5	1.5	95	0.3	45	14.3	297	4.59	30.8	0.3	1.6	1.1	16	0.2	0.2	0.1	46	0.19	0.068	4	42.8	0.7	72	0.002	1	2.65	0.076	0.14	0.1	0.01	4.2	0.05	7	0.5	0.1
KMY04002-051	80.3	81.2	0.9000000	0.3	42.3	2.2	93	0.7	88.7	24.1	556	3.64	88.5	0.2	3.1	1.9	13	0.2	0.3	0.1	45	0.08	0.019	7	62.6	0.68	72	0.001	1	2.2	0.054	0.16	0.1	0.01	3.5	0.05	6	0.5	0.1
KMY04002-052	81.2	81.7	0.5	3.6	79	11.5	110	1.1	84.2	21.1	1262	8.71	383	0.4	10.4	2.6	25	0.2	1.6	0.6	85	0.15	0.057	3	104.2	0.93	63	0.003	1	3.46	0.042	0.12	0.2	0.01	6.9	0.33	10	1.2	0.1
KMY04002-053	81.7	82.3	0.6	0.6	24.4	5.9	75	0.3	50.1	16	936	4.74	30.5	0.2	5.8	1.5	10	0.1	0.3	0.1	69	0.25	0.039	3	63.3	0.69	29	0.002	1	2.47	0.032	0.07	0.1	0.01	4.8	0.05	7	0.5	0.1
KMY04002-054	82.3	83.1	0.8	0.8	29.4	1.3	66	0.1	14.4	9.6	449	4.07	5.1	0.1	0.5	0.8	19	0.1	0.1	0.1	52	0.07	0.006	1	16.2	0.51	64	0.001	1	2.45	0.101	0.11	0.1	0.01	4.4	0.05	7	0.5	0.1
KMY04002-055	83.1	84.2	1.1	1.2	38.4	1.5	79	0.2	22.2	8.9	324	5	9.9	0.1	0.5	1	13	0.1	0.2	0.2	69	0.06	0.011	2	26.7	0.58	72	0.002	1	2.66	0.068	0.08	0.2	0.01	5.8	0.05	9	0.5	0.1
KMY04002-056	84.2	84.7	0.5	0.6	30.8	1	77	0.2	17.4	8.4	195	4.35	5	0.1	0.9	0.5	10	0.1	0.2	0.1	55	0.06	0.019	1	24.7	0.51	48	0.001	1	2.31	0.054	0.06	0.1	0.01	4.9	0.05	8	0.5	0.1
KMY04002-057	84.7	85.4	0.7000000	0.6	31.7	1	81	0.2	18	9.1	200	4.4	4.8	0.1	0.5	0.6	10	0.1	0.3	0.1	58	0.07	0.019	1	25.4	0.51	48	0.002	1	2.6	0.058	0.07	0.2	0.01	5.1	0.05	8	0.5	0.1
KMY04002-058	85.4	86	0.6	1	31.5	2.1	74	0.1	15.9	10	171	4.13	6.9	0.1	0.5	0.5	10	0.1	0.4	0.1	50	0.04	0.006	1	16	0.5	48	0.002	1	2.27	0.061	0.07	0.1	0.01	4.6	0.05	7	0.5	0.1
KMY04002-059	86	87.2	1.2	0.8	31.7	2.2	78	0.1	18.8	10.4	202	4.57	7.3	0.1	0.5	0.9	10	0.1	0.2	0.1	52	0.06	0.01	1	22.2	0.58	51	0.002	1	2.45	0.061	0.07	0.1	0.01	4.3	0.05	8	0.5	0.1
KMY04002-060	87.2	88.1	0.9	0.9	33.7	1	82	0.1	19.8	12.4	248	5.12	7	0.1	0.5	0.8	11	0.1	0.2	0.1	60	0.05	0.005	1	18.7	0.61	49	0.001	1	2.73	0.072	0.07	0.1	0.01	5.7	0.05	9	0.5	0.1
KMY04002-061	88.1	89.1	1	0.4	26.7	1.5	87	0.1	21.7	14.2	313	4.52	13.2	0.1	0.5	0.7	15	0.1	0.2	0.1	48	0.1	0.013	2	21.4	0.54	51	0.001	1	2.49	0.073	0.09	0.1	0.01	4.6	0.05	7	0.5	0.1
KMY04002-062	89.1	89.9	0.8000000	0.5	22.7	2.1	104	0.1	22.3	16	562	5.08	16.3	0.1	0.5	0.8	12	0.1	0.1	0.1	47	0.06	0.007	2	20	0.65	47	0.002	1	2.63	0.062	0.07	0.1	0.01	4.5	0.05	8	0.5	0.1
KMY04002-063	93.2	93.7	0.5	0.7	32.4	1	107	0.1	19.9	10.6	297	5.23	3.1	0.1	0.5	0.5	10	0.1	0.3	0.1	62	0.07	0.018	1	26.6	0.64	44	0.002	1	2.49	0.05	0.05	0.1	0.01	5.4	0.05	9	0.5	0.1
KMY04002-064	93.7	94.2	0.5	0.7	30.8	0.9	99	0.1	17.1	11.3	236	4.17	5.7	0.1	0.9	0.6	10	0.1	0.2	0.1	61	0.04	0.002	1	21.6	0.52	34	0.001	1	2.05	0.052	0.03	0.1	0.01	5.8	0.05	8	0.5	0.1
KMY04002-065	94.2	94.5	0.3	1.6	29.5	1.2	92	0.1	15.6	11.4	455	5.84	10.3	0.1	0.5	0.9	9	0.1	0.4	0.1	41	0.07	0.01	1	14.2	0.65	37	0.001	1	2.4	0.041	0.03	0.1	0.01	5.2	0.05	8	0.5	0.1
KMY04002-066	96.6	97.3	0.7000000	1.7	23	1.8	98	0.1	12.9	10.6	596	4.91	3.4	0.5	0.5	3.3	18	0.1	0.2	0.1	35	0.31	0.005	3	13.7	0.63	64	0.001	1	2.39	0.069	0.08	0.1	0.01	4.3	0.05	8	0.5	0.1
KMY04002-067	97.3	98.2	0.9000000	0.4	21.1	1.3	84	0.1	14.8	11.1	450	4.18	10.9	0.1	1.7	0.8	15	0.1	0.3	0.1	46	0.17	0.017	1	20.3	0.51	44	0.001	1	2.07	0.058	0.06	0.1	0.01	4.7	0.05	6	0.5	0.1
KMY04002-068	99.3	100	0.7000000	1.4	41	1.1	82	0.1	33.4	26.4	522	4.12	23.2	0.1	1.5	0.6	21	0.1	0.2	0.1	50	0.06	0.005	1	21.1	0.5	61	0.001	1	2.15	0.075	0.07	0.1	0.01	4.5	0.05	7	0.5	0.1
KMY04002-069	103.4	105.2	1.8	1.2	28.1	6.5	150	0.3	38.9	7.9	351	3.69	24.7	0.4	0.6	2.9	28	0.8	0.4	0.2	53	0.23	0.054	12	42.7	0.77	103	0.004	1	2.09	0.064	0.21	0.2	0.01	3.8	0.05	6	0.5	0.1
KMY04002-070	105.2	106.4	1.2	0.5	26.1	2.6	97	0.2	21.3	11.1	332	4.82	17.1	0.1	1	0.9	16	0.1	0.4	0.1	54	0.19	0.065	2	23.4	0.6	63	0.001	1	2.33	0.062	0.08	0.4	0.01	5.1	0.09	8	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KMY04003	68.6	220	-80	507191	6066718	959	COMPLETE	29/09/2004	Chris Gallagher

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KMY04003-001	11.9	13.7	1.8	0.8	21.2	5.6	54	0.2	13.2	7.8	601	2.99	8.7	0.6	2.5	2.3	71	0.2	0.4	0.1	28	1.59	0.098	11	11.8	0.51	170	0.01	2	1.42	0.079	0.2	0.9	0.01	2	0.15	4	0.5	0.1
KMY04003-002	13.7	14.9	1.2	0.3	15	19.9	59	0.3	14.4	9	748	2.35	24.2	0.7	11.5	2.4	26	0.4	0.3	0.1	12	1.13	0.112	11	3.5	0.28	101	0.001	1	0.92	0.044	0.21	0.2	0.01	2.3	0.05	2	0.5	0.1
KMY04003-003	20	21.5	1.5	0.8	16.2	129.9	155	0.3	21.6	12.3	817	2.17	50.2	0.6	69.5	2.8	15	1	0.7	0.1	10	0.46	0.088	16	6.6	0.12	96	0.001	1	0.69	0.028	0.2	0.6	0.01	2.2	0.05	1	0.5	0.1
KMY04003-004	21.5	24.1	2.6	0.4	42.1	5.5	51	0.2	49.3	8.8	290	4.58	20.9	0.7	3.3	5.4	13	0.1	0.5	0.2	82	0.1	0.031	31	63.4	0.35	58	0.008	1	2.12	0.046	0.12	0.1	0.01	4.6	0.05	7	0.5	0.1
KMY04003-005	24.1	25.4	1.3	2	18.1	4.1	52	0.1	59.2	6.4	303	3.57	50.1	0.6	0.5	5.7	19	0.1	1.3	0.1	69	0.1	0.036	21	61.4	0.32	54	0.005	1	1.71	0.076	0.11	0.5	0.01	3	0.05	5	0.5	0.1
KMY04003-006	25.4	26.8	1.4	3.1	27.9	12.7	69	0.2	51.2	8.7	435	5.15	33.9	0.7	0.5	5.2	13	0.1	1.8	0.2	94	0.08	0.02	22	110.2	0.51	41	0.012	1	2.23	0.041	0.08	0.5	0.01	4	0.05	8	1	0.1
KMY04003-007	26.8	28	1.2	2.4	37.2	15	78	0.1	83.3	12.4	345	5.72	45.8	0.9	0.5	5.8	17	0.1	1	0.3	99	0.11	0.051	24	87.5	0.54	52	0.013	1	2.5	0.063	0.11	0.1	0.01	5	0.05	8	0.7	0.1
KMY04003-008	28	28.5	0.5	0.3	49.1	2.9	88	0.1	72.3	11.7	268	7.32	10.9	0.7	0.5	5.2	20	0.1	0.4	0.2	130	0.2	0.086	13	91.9	0.64	47	0.021	1	3.25	0.059	0.14	0.2	0.01	6.2	0.05	11	0.5	0.1
KMY04003-009	28.5	29.6	1.1	0.2	36	1.9	60	0.1	45.9	5.7	185	5.48	5.7	0.8	2.4	5	17	0.1	0.4	0.3	110	0.13	0.052	22	72.7	0.44	51	0.017	2	2.74	0.07	0.15	0.1	0.01	6.7	0.05	8	0.5	0.1
KMY04003-010	29.6	30.5	0.9	1.6	109.1	14.3	133	0.7	64.7	15.5	1374	15.4	95	1	1.7	4.1	15	0.5	2	0.3	161	0.15	0.094	18	129.3	1.17	36	0.022	1	5.46	0.018	0.07	0.1	0.01	13.9	0.05	14	0.7	0.1
KMY04003-011	33.2	35.1	1.9	1.1	37	7.5	104	0.3	68.5	10.3	439	4.12	19.4	0.4	0.5	3.5	31	0.1	0.7	0.2	62	0.73	0.09	14	70.2	1.53	67	0.014	1	2.21	0.023	0.15	0.1	0.01	2.6	0.05	6	0.5	0.1
KMY04003-012	37.8	38.6	0.8000000	1.2	19.5	5.1	97	0.2	20.5	7.9	676	2.15	11.9	0.7	2.5	2.8	22	0.6	0.3	0.1	15	0.65	0.101	13	7.1	0.39	98	0.002	2	0.99	0.038	0.22	0.6	0.01	2	0.05	3	0.5	0.1
KMY04003-013	38.6	39	0.4	5.6	21.8	9.6	77	0.2	23	8.4	724	2.63	8.9	0.6	0.7	2.6	50	0.4	0.2	0.3	28	1.49	0.099	11	21.7	0.68	91	0.003	2	1.31	0.037	0.19	0.1	0.01	2.3	0.07	4	0.5	0.1
KMY04003-014	39	39.8	0.8	1.7	32	9.4	108	0.3	89.4	7.1	268	4.78	31.5	0.2	0.5	4.1	14	0.1	1.5	0.3	80	0.22	0.088	21	102.2	1.75	60	0.018	1	2.62	0.016	0.14	0.3	0.01	3	0.05	7	1	0.1
KMY04003-015	39.8	40.5	0.7000000	1.5	35.1	9.9	118	0.4	90.9	6.6	256	4.69	41.2	0.2	0.5	4.1	16	0.2	1.1	0.3	78	0.24	0.079	21	98.7	1.73	49	0.018	1	2.55	0.017	0.12	0.6	0.01	2.8	0.05	7	0.7	0.1
KMY04003-016	42.6	43.1	0.5	1	16.2	6	56	0.2	40.6	5.7	272	3.05	18.7	0.9	0.5	5.3	21	0.1	0.6	0.1	51	0.14	0.054	33	50.9	0.61	66	0.007	1	1.62	0.049	0.15	0.5	0.01	2.6	0.05	5	0.5	0.1
KMY04003-017	44.5	45.4	0.9	1.5	51.8	10.3	121	0.2	73.8	9.9	395	5.59	25.1	0.2	0.5	3.6	13	0.1	1.5	0.2	66	0.1	0.068	19	82.5	1.5	63	0.012	1	2.49	0.022	0.13	0.1	0.01	2.6	0.05	6	1.3	0.1
KMY04003-018	48.5	49.1	0.6000000	1.4	10.8	14.8	145	0.6	31.9	7.8	867	2.57	45.5	0.6	1.7	2.5	15	1	0.5	0.1	11	0.3	0.099	12	9.4	0.21	83	0.001	1	0.94	0.028	0.22	0.4	0.01	2.1	0.05	2	0.5	0.1
KMY04003-019	49.1	49.9	0.8	1	21.3	11	101	0.6	20.2	7.3	759	2.41	29.3	0.5	160.6	2.5	18	0.9	1	0.1	14	0.61	0.08	14	10	0.16	84	0.001	1	0.76	0.033	0.21	0.2	0.01	2.2	0.05	2	0.5	0.1
KMY04003-020	49.9	51	1.1	1.9	39	12.7	50	0.4	29.8	11.6	151	2.09	61.1	0.5	0.7	4.5	15	0.1	0.9	0.3	29	0.05	0.014	28	23.2	0.12	67	0.001	1	0.82	0.044	0.19	0.3	0.05	2	0.05	2	0.5	0.1
KMY04003-021	51	52.4	1.4	2.2	26.1	6.5	124	0.5	28.9	10.6	983	2.6	25.4	0.6	4.8	1.9	23	0.7	0.7	0.1	7	0.89	0.089	9	2.7	0.14	84	0.001	1	0.7	0.035	0.22	0.1	0.02	1.9	0.12	1	0.5	0.1
KMY04003-022	52.4	53.1	0.7000000	1.1	28.6	5.6	179	0.4	41.5	10	741	2.63	41.6	0.5	1.7	2.4	16	0.5	0.5	0.1	21	0.2	0.066	14	11.1	0.17	84	0.001	1	1.09	0.044	0.21	0.4	0.02	2.5	0.05	3	0.5	0.1
KMY04003-023	56.6	57.6	1	0.3	16.5	15.4	73	0.3	7.1	6.5	804	2.25	13.1	0.6	21	1.8	28	0.9	0.3	0.1	5	1.21	0.093	8	1	0.25	98	0.001	1	0.96	0.023	0.22	0.1	0.01	1.7	0.16	1	0.5	0.1
KMY04003-024	57.6	59.5	1.9	1.5	51.7	10.7	154	0.6	74.5	20.4	373	3.82	90.9	0.6	1	5.1	13	1.2	0.8	0.1	54	0.06	0.014	43	41.4	0.1	58	0.001	1	1	0.031	0.15	0.6	0.05	3.8	0.05	3	0.5	0.1
KMY04003-025	59.5	60.7	1.2	1.2	61	68.6	89	3.7	40	7.6	252	2.95	410.3	0.4	319.2	3.2	11	1.3	2.1	0.2	28	0.06	0.018	13	23	0.03	48	0.001	1	0.68	0.03	0.15	0.3	0.03	2.7	0.15	2	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KRC04001-001	1.5	4.3	2.8	0.7	24.8	41.5	75	0.5	37.1	15	759	3.13	24.5	0.4	8.7	2.4	176	0.7	0.3	0.1	47	1.49	0.143	23	63.8	1.46	105	0.024	2	2.05	0.026	0.27	0.2	0.01	4.9	0.06	7	0.5	0.1
KRC04001-002	4.3	5.2	0.9	1.3	26.4	103.5	106	0.9	76.7	19.6	1125	4.67	31.3	0.4	2.5	2.5	358	0.6	0.3	0.1	91	3.41	0.248	40	155.3	2.68	47	0.011	1	2.82	0.047	0.1	0.2	0.01	8.1	0.1	11	0.5	0.1
KRC04001-003	5.2	7	1.8	0.6	5.9	56.8	122	0.8	102	19.6	974	4.32	18.7	0.3	5	2.3	1448	0.4	0.2	0.1	95	3.08	0.265	42	171.4	3.17	316	0.007	1	3.35	0.034	0.07	0.1	0.01	7	0.05	11	0.5	0.1
KRC04001-004	7	7.9	0.9	2.1	34.4	41.8	82	2	18.4	10.6	534	2.83	36	0.2	261.4	1.9	665	1	0.4	0.1	25	1.45	0.097	12	26.5	0.93	254	0.003	1	1.92	0.018	0.21	0.2	0.01	2.4	0.05	5	0.5	0.1
KRC04001-005	7.9	9.1	1.2	0.8	47.6	12.6	76	0.2	8.1	7.6	672	2.68	20.9	0.3	4	2.1	284	0.8	0.2	0.1	20	1.6	0.06	10	6.8	0.66	145	0.009	1	1.73	0.018	0.26	0.1	0.01	2.1	0.05	4	0.5	0.1
KRC04001-006	9.1	10.1	1	0.5	29.4	82.8	166	0.3	10.8	13.9	850	3.3	26.3	0.4	11.4	2	60	2.3	0.2	0.1	26	1.25	0.061	13	7.1	0.76	88	0.025	1	1.78	0.015	0.29	0.2	0.01	2.8	0.05	4	0.5	0.1
KRC04001-007	10.1	12.2	2.1	0.7	30.4	50.1	125	0.3	9.7	11.2	900	3.07	16.1	0.5	54.5	2.1	67	1.9	0.2	0.1	24	1.56	0.066	13	6.5	0.75	73	0.042	2	1.7	0.022	0.24	0.1	0.01	2.6	0.05	4	0.5	0.1
KRC04001-008	12.2	13.4	1.2	0.4	24.9	22.9	104	0.2	8.9	11.3	767	3.24	23.7	0.4	41.3	1.9	744	0.8	0.2	0.1	24	1.67	0.06	11	6.4	0.82	297	0.032	1	2.03	0.018	0.24	0.1	0.01	2.3	0.05	4	0.5	0.1
KRC04001-009	13.4	16.5	3.1	1.2	20.8	36.8	98	0.4	23.7	17.4	901	3.9	19.7	0.3	6.4	1.3	881	1.4	0.3	0.3	65	4.28	0.164	16	33.6	1.27	394	0.108	1	2.17	0.028	0.18	0.1	0.01	3.5	0.18	6	0.5	0.1
KRC04001-010	16.5	18	1.5	1.7	27.8	5.6	79	0.2	62.6	28.5	662	6.63	6.4	0.2	2.8	0.4	321	0.1	0.3	0.1	163	3.4	0.392	25	117.6	2.54	587	0.125	1	2.02	0.08	0.1	0.1	0.01	4	0.32	10	0.5	0.1
KRC04001-011	18	19.5	1.5	1.7	27.3	6.9	84	0.2	64.7	28	648	6.66	5.2	0.2	0.5	0.4	244	0.1	0.2	0.1	160	3.32	0.397	25	118.3	2.52	507	0.108	1	1.97	0.073	0.1	0.1	0.01	3.3	0.3	11	0.5	0.1
KRC04001-012	19.5	21.1	1.6	1.2	27.3	7.6	85	0.2	62.3	27.9	618	6.66	7.4	0.2	0.5	0.4	237	0.1	0.2	0.1	166	3.31	0.399	26	110.9	2.56	420	0.125	1	1.97	0.064	0.09	0.1	0.01	3.5	0.24	11	0.5	0.1
KRC04001-013	21.1	22.6	1.5	1.6	28.4	10.1	77	0.2	64.2	29.5	591	6.82	7.3	0.2	0.5	0.4	328	0.2	0.2	0.1	171	3.37	0.395	26	121.2	2.6	590	0.124	1	1.99	0.073	0.11	0.1	0.01	3.3	0.22	11	0.5	0.1
KRC04001-014	22.6	24.1	1.5	1.3	28.8	9.2	72	0.2	62	28.9	542	6.64	7.8	0.2	0.5	0.4	238	0.2	0.2	0.1	167	3.24	0.398	26	117.3	2.54	699	0.119	1	1.95	0.088	0.13	0.1	0.01	3.2	0.21	10	0.5	0.1
KRC04001-015	24.1	25.6	1.5	1.6	26.7	6.1	67	0.2	59.4	26.9	526	6.36	2.2	0.2	0.5	0.4	302	0.2	0.1	0.1	158	3.34	0.373	24	110.4	2.47	579	0.132	2	1.91	0.095	0.12	0.1	0.01	3.2	0.27	10	0.5	0.1
KRC04001-016	25.6	26.8	1.2	1.5	26.1	5.7	79	0.1	60.4	27.9	586	6.66	2.1	0.2	0.5	0.4	253	0.2	0.1	0.1	169	3.56	0.396	26	103.7	2.58	550	0.118	1	1.96	0.093	0.22	0.1	0.01	3.1	0.3	11	0.5	0.1
KRC04001-017	26.8	28.2	1.4	1.6	16.6	5.9	105	0.1	53.8	27.2	842	6.64	4	0.2	0.5	0.4	310	0.1	0.2	0.1	165	3.69	0.399	30	82.5	2.42	445	0.119	1	2.05	0.07	0.23	0.1	0.01	4.3	0.36	11	0.5	0.1
KRC04001-018	28.2	28.7	0.5	3.6	36.3	41.8	163	0.3	39.9	16.9	1227	5.76	11.1	0.2	0.5	1	136	0.3	0.2	0.1	117	3.77	0.31	29	61.2	2.04	229	0.065	1	2.49	0.034	0.17	0.1	0.01	4.9	0.4	10	0.5	0.1
KRC04001-019	28.7	30.2	1.5	0.8	23.8	97	126	0.2	8.6	11.8	1375	3.68	13	0.2	0.6	1.2	184	1.5	0.2	0.1	36	5.12	0.094	9	5.6	1.21	94	0.021	1	2.02	0.016	0.25	0.2	0.01	3.2	0.17	5	0.5	0.1
KRC04001-020	30.2	31.7	1.5	1.7	27.7	23.7	87	0.2	18.3	22.8	701	2.85	33	0.4	4.4	1.9	85	0.9	0.3	0.1	28	2.7	0.149	12	7.5	0.72	87	0.014	1	1.6	0.016	0.29	0.2	0.01	3.1	0.38	4	0.5	0.1
KRC04001-021	31.7	32.8	1.1	0.8	75.5	89.8	287	0.4	12	11.1	683	3.44	17.4	0.5	5	1.9	47	3.7	0.2	0.3	26	1.54	0.035	7	5.5	0.75	86	0.027	1	1.66	0.011	0.33	0.2	0.01	3	0.82	4	0.7	0.1
KRC04001-022	32.8	33.6	0.8000000	2.6	50.7	57.2	160	0.6	30.7	16.1	594	4.31	14.2	0.2	876.9	0.6	165	1.4	0.3	0.2	89	3.19	0.243	15	53.1	1.53	203	0.165	1	1.46	0.038	0.12	0.1	0.01	3	0.59	7	0.5	0.1
KRC04001-023	33.6	34.8	1.2	1.5	28.2	8.8	87	0.2	61.5	27.9	654	6.72	10.5	0.2	12	0.4	189	0.1	0.7	0.1	161	3.69	0.393	25	114.4	2.63	233	0.111	1	2	0.06	0.09	0.1	0.01	3.9	0.65	11	0.5	0.1
KRC04001-024	34.8	36.3	1.5	1.8	27.6	9.9	75	0.2	61.5	27.6	660	6.77	5	0.2	2	0.4	474	0.1	0.4	0.1	161	4.05	0.394	26	118.6	2.58	355	0.109	1	2.02	0.064	0.1	0.1	0.01	3.5	0.46	11	0.5	0.1
KRC04001-025	36.3	37.8	1.5	2	33.9	45	144	0.8	47.5	20.9	1472	5.8	46.1	0.3	46.9	0.4	737	1.2	3.3	0.1	112	8.37	0.313	23	70.5	1.98	140	0.193	1	1.97	0.035	0.09	0.1	0.09	5.4	2.25	10	3.1	0.2
KRC04001-026	37.8	38.8	1	2.8	36.8	20.4	143	0.8	53.1	24.5	736	6.09	72.3	0.3	57.3	0.4	787	0.6	5	0.1	125	4.72	0.38	23	84.3	2.18	78	0.175	1	2.53	0.036	0.1	0.1	0.12	5.3	2.86	12	4.3	0.2
KRC04001-027	38.8	39.8	1	2.3	37.7	222.1	282	0.8	62.1	24.1	985	5.9	50.9	0.3	31.2	0.7	1479	2.8	3.5	0.1	123	5.47	0.363	24	87.2	2.15	81	0.187	1	2.63	0.048	0.17	0.2	0.07	5.7	1.91	11	3.2	0.2
KRC04001-028	39.8	40.9	1.1	2.9	63.5	846.1	1105	1.4	109	23.7	1671	5.53	25.5	0.4	27.9	1.3	782	20.6	1.4	0.4	111	5.98	0.3	12	180.9	2.83	310	0.168	1	2.73	0.072	0.18	1.3	0.03	7.3	0.83	11	2.3	0.1
KRC04001-029	40.9	42.4	1.5	4.4	68.4	883.7	1433	3.4	53.2	16.1	1513	4.24	23	0.3	193.3	1.4	276	20.3	0.7	2.6	75	4.91	0.184	14	97.9	1.75	133	0.099	1	1.98	0.034	0.21	2.1	0.01	5	0.55	8	4.4	0.1
KRC04001-030	42.4	43.9	1.5	2.8	48.8	385.8	502	1.8	53.5	25.9	1007	6.05	12.4	0.3	2980	1.1	181	6.8	0.8	0.8	159	4.3	0.393	31	79.4	2.24	352	0.171	1	2.08	0.066	0.52	0.2	0.01	5.3	0.64	10	2	0.2
KRC04001-031	43.9	44.9	1	1.6	25.7	83.7	157	0.3	52.8	26.9	754	6.04	4.8	0.1	13.9	0.6	264	0.8	0.3	0.1	170	4.14	0.496	30	75	2.53	453	0.145	1	2.3	0.068	0.36	0.1	0.01	5.2	0.36	11	0.5	0.1
KRC04001-032	44.9	45.4	0.5	1.8	161.7	1074	838	4.2	25.2	12.2	1080	4.04	4.6	0.2	2540	1.1	180	14.1	0.5	2	70	4.78	0.191	15	38.2	1.42	101	0.082	1	1.94	0.032	0.19	1	0.01	4.9	0.43	6	2.9	0.1
KRC04001-033	45.4	46.2	0.8000000	0.8	445.4	1809	2592	6.6	8.1	9.7	641	3.24	36	0.1	2860	0.4	94	46.8	0.6	2.9	11	2.58	0.007	4	3.2	0.3	18	0.005	1	0.75	0.007	0.03	0.1	0.02	1.4	1.77	2	5.7	0.1
KRC04001-034	46.2	47	0.8	3.6	590.7	6050	8705	14.9	10.1	13.9	240	6.85	107	0.1	9000	0.3	11	162	2.2	2.3	9	0.33	0.002	3	19.4	0.18	6	0.003	1	0.59	0.005	0.01	3.8	0.03	1	5.87	3	7.7	0.1
KRC04001-035	47	47.6	0.6000000	2.2	657.9	7659	7504	16.5	9.9	12.3	302	8.47	123.7	0.1	11620	0.5	16	140.3	2.8	1.4	11	0.38	0.004	3	3.2	0.27	22	0.003	2	0.75	0.005	0.06	0.1	0.02	1.1	7.46	3	8.5	0.1
KRC04001-036	47.6	47.9	0.3	4.2	513	2427	4323	11	34	14.2	733	6.97	97.7	0.1	10230	0.5	63	68.4	1.1	0.3	22	1.74	0.034	3	35.1	0.84	18	0.018	1	1.42	0.004	0.06	3	0.02	2.5	4.95	5	2.6	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04001-037	47.9	48.4	0.5	6.2	73	157.7	240	0.9	70.3	23	1204	2.94	31	0.2	14	1.4	147	3	0.3	0.1	31	3.8	0.111	7	51.6	1.43	89	0.045	1	1.77	0.006	0.21	0.6	0.01	2.9	0.23	5	0.7	0.1
KRC04001-038	48.4	49.2	0.8000000	2.6	51.4	233.3	401	1.1	133	25	1976	5.46	19.9	0.2	12	1.9	243	4.3	0.3	0.4	87	6.44	0.305	24	134.9	2.76	93	0.097	1	3.12	0.012	0.23	1.2	0.01	5.8	0.16	10	1.3	0.1
KRC04001-039	49.2	50	0.8	1.7	13.1	31.4	133	0.2	55.9	27.5	853	6.13	3.3	0.2	22	0.5	146	0.3	0.3	0.1	151	3.61	0.438	30	84	2.2	235	0.143	1	2.14	0.066	0.15	0.3	0.01	4.3	0.34	11	0.5	0.1
KRC04001-040	50	51.5	1.5	1.6	16	6.7	84	0.1	44.5	23.3	578	5.62	1.2	0.2	0.5	0.4	220	0.1	0.1	0.1	141	3.12	0.416	26	69.4	2.04	415	0.126	1	1.7	0.075	0.18	0.2	0.01	2.3	0.21	9	0.5	0.1
KRC04001-041	51.5	53	1.5	1.6	27.3	41.1	106	0.3	51.7	25.2	830	6.22	2.6	0.3	3	0.6	169	0.2	0.4	0.1	159	3.88	0.413	32	77.8	2.17	265	0.165	1	2.14	0.076	0.15	0.1	0.01	4.8	0.45	11	0.5	0.1
KRC04001-042	53	53.7	0.7000000	2	76.3	101.6	310	0.7	19.3	7.7	2154	3.15	4.1	0.2	2	0.7	493	3.4	0.2	0.3	58	14.39	0.125	20	27	1.08	34	0.031	1	1.67	0.017	0.08	0.6	0.01	3.5	0.2	6	1	0.1
KRC04001-043	53.7	55.2	1.5	2.4	78.6	268.3	248	1.3	48.4	16.8	1594	5.41	6.6	0.2	10	1.4	216	1.6	0.4	0.5	135	5.24	0.348	26	78.1	1.92	177	0.189	1	2.31	0.061	0.2	5	0.01	6.3	0.27	10	0.7	0.1
KRC04001-044	55.2	56.1	0.9	1.9	70.8	184.3	144	0.8	51.2	23.2	753	5.44	3.9	0.2	7	1.1	148	0.5	0.3	0.2	135	3.81	0.403	27	88.5	1.83	285	0.197	1	1.8	0.12	0.34	0.5	0.01	3.5	0.34	10	0.5	0.2
KRC04001-045	56.1	57.6	1.5	1.8	23.7	65.7	117	0.4	55.1	27.9	718	5.88	2.9	0.2	2	0.7	129	0.4	0.3	0.1	135	3.38	0.45	30	91.5	1.98	163	0.145	1	1.89	0.088	0.15	0.2	0.01	3	0.32	11	0.5	0.1
KRC04001-046	57.6	59.1	1.5	1.9	11.6	11.8	127	0.1	55.3	26.1	684	6.46	1.9	0.2	1	0.4	279	0.3	0.2	0.1	152	3.31	0.486	30	85.6	2.22	192	0.134	1	1.96	0.084	0.09	1.1	0.01	2.6	0.26	12	0.5	0.1
KRC04001-047	59.1	60.6	1.5	1.5	21.2	8.1	146	0.1	58.8	26	706	6.27	1.6	0.1	1	0.4	174	0.2	0.2	0.1	146	3.26	0.456	25	106.4	2.33	197	0.121	1	1.98	0.07	0.06	0.1	0.01	2.8	0.17	12	0.5	0.1
KRC04001-048	60.6	62.1	1.5	1.8	27.8	10.5	153	0.2	61.2	25.9	710	6.24	2.4	0.1	2	0.6	189	0.2	0.2	0.1	145	3.28	0.463	25	116.3	2.36	272	0.127	1	1.99	0.072	0.06	0.3	0.01	3.5	0.19	12	0.5	0.1
KRC04001-049	62.1	63.4	1.3	1.7	21.2	7.4	171	0.2	62.8	27.7	851	6.56	3.6	0.1	1.5	0.5	157	0.1	0.3	0.1	145	3.58	0.472	26	118	2.68	304	0.132	1	2.13	0.063	0.07	0.1	0.01	6	0.33	13	0.5	0.1
KRC04001-050	63.4	64.2	0.8000000	1.7	25	9.6	178	0.2	64.8	27.9	826	6.55	3.1	0.1	3.5	0.4	158	0.1	0.3	0.1	148	3.47	0.465	29	120.3	2.7	363	0.143	1	2.13	0.059	0.08	0.3	0.01	6.5	0.34	13	0.5	0.1
KRC04001-051	64.2	65.2	1	1.9	29	36.4	204	0.3	65.9	28.7	934	6.7	6.1	0.2	4.4	0.6	171	0.2	0.5	0.1	147	4.04	0.475	27	118.7	2.73	129	0.105	1	2.34	0.046	0.06	0.3	0.01	7.9	0.91	14	0.5	0.1
KRC04001-052	65.2	66.7	1.5	1.5	31.7	17.5	177	0.2	64.3	27.5	697	6.41	1.4	0.1	1.1	0.4	227	0.1	0.3	0.1	142	3.29	0.464	27	115.5	2.55	553	0.112	1	1.99	0.065	0.06	0.1	0.01	3	0.23	12	0.5	0.1
KRC04001-053	66.7	68.3	1.6	1.7	16.3	6.7	160	0.1	58.9	27.1	755	6.25	1.9	0.1	2	0.8	316	0.1	0.3	0.1	144	3.32	0.466	34	89.7	2.25	476	0.127	1	1.96	0.07	0.06	0.4	0.01	3.5	0.31	12	0.5	0.1
KRC04001-054	68.3	69.8	1.5	1.5	29.9	56.8	183	0.3	62	26.6	665	6.28	1.5	0.1	4	0.5	158	0.2	0.2	0.1	145	3.06	0.477	29	111.1	2.36	301	0.113	1	1.96	0.072	0.07	0.1	0.01	2.8	0.19	12	0.5	0.1
KRC04001-055	69.8	70.7	0.9000000	1.7	24.3	101.4	205	0.3	62.8	28	560	6.32	1.3	0.1	2	0.5	220	0.2	0.2	0.1	162	3.41	0.45	32	107.7	2.42	331	0.136	1	2.05	0.096	0.16	0.3	0.01	3.5	0.25	11	0.5	0.1
KRC04001-056	70.7	71.7	1	1.8	24.8	88.9	204	0.8	54	26.4	531	5.98	2.3	0.2	161.8	0.6	211	1.2	0.3	0.1	167	3.8	0.393	36	81.9	2.3	341	0.179	1	1.99	0.093	0.3	0.1	0.01	4.8	0.5	11	0.5	0.1
KRC04001-057	71.7	72.2	0.5	2.5	249.2	1032	2394	7.1	9.9	5.3	135	2.03	23.4	0.1	14950	0.3	29	49.6	0.3	0.4	16	0.45	0.033	3	23.8	0.21	46	0.068	2	0.39	0.022	0.09	4	0.01	1	1.36	1	0.9	0.1
KRC04001-058	72.2	72.7	0.5	1.5	89.6	176.9	3041	2.3	40.6	21.4	395	4.74	13.3	0.2	3550	1.1	172	66.1	0.4	0.1	119	2.37	0.31	24	63.7	1.65	162	0.187	1	1.43	0.094	0.33	0.2	0.03	5	1.21	7	0.5	0.2
KRC04001-059	72.7	73.5	0.8	3.1	435.8	457	2341	14.7	9	5.7	151	2.89	39.5	0.1	28110	0.1	31	45.6	0.3	0.4	9	0.34	0.014	1	15.2	0.17	15	0.032	2	0.4	0.013	0.04	4.9	0.01	1	2.27	1	1.2	0.1
KRC04001-060	73.5	74.2	0.7000000	1.6	18.8	51.3	198	0.2	51.1	24.6	616	6.18	2.3	0.2	2.7	0.6	259	0.2	0.3	0.1	155	3.4	0.357	28	86.2	2.31	332	0.136	1	1.92	0.089	0.24	0.1	0.02	5.6	0.25	11	0.5	0.1
KRC04001-061	74.2	74.7	0.5	1.9	19.4	56.4	196	0.2	49.7	27	822	6.74	4.7	0.2	7	0.6	151	0.3	0.4	0.1	139	3.34	0.399	31	81	2.2	86	0.121	1	1.98	0.08	0.09	0.2	0.01	3.9	0.29	13	0.5	0.1
KRC04001-062	74.7	75.3	0.6	3.6	72.9	224.9	400	1.3	31.3	9.5	674	2.48	5.5	0.2	2110	0.8	214	7.8	0.3	0.1	49	2.2	0.132	4	63.5	1.26	179	0.125	3	2.02	0.097	0.4	1.9	0.02	3.2	0.59	6	0.5	0.2
KRC04001-063	75.3	76.6	1.3	2.2	48.7	478.4	320	2.4	143	25	2169	4.94	38.6	0.3	17	1.1	489	4.8	0.5	0.2	102	7.76	0.312	8	186.8	3.3	183	0.188	2	5.11	0.205	0.57	5.7	0.01	5.6	0.75	15	0.5	0.3
KRC04001-064	76.6	77.5	0.9000000	2.4	87.5	752.5	1638	2	45.2	17.8	3373	6.09	40.1	0.2	149.7	0.9	348	26	0.6	0.5	82	6.37	0.214	8	87.5	2.23	126	0.224	1	3.16	0.061	0.38	8.9	0.02	4.8	1.45	10	0.5	0.2
KRC04001-065	77.5	78.4	0.9000000	1.7	10.7	20.8	161	0.3	54.3	28.7	1584	6.44	10.5	0.1	11.6	0.4	137	0.1	0.4	0.1	120	3.57	0.388	17	81.4	1.91	83	0.134	1	2.17	0.088	0.09	0.6	0.02	4.4	0.5	14	0.5	0.1
KRC04001-066	78.4	79.4	1	1.7	44.8	98.2	278	0.6	79.8	22	2062	6.91	16.7	0.2	20	0.9	337	0.9	0.3	0.2	121	6.24	0.38	11	147.3	2.82	94	0.211	2	4.25	0.101	0.15	3.4	0.01	5.9	0.53	17	0.5	0.1
KRC04001-067	79.4	79.9	0.5	3.4	43.9	40.1	232	0.7	16	9.8	950	2.82	27.7	0.2	103	1	298	3.3	0.3	0.1	27	2.84	0.058	3	23.9	0.89	78	0.084	2	1.62	0.024	0.24	3.6	0.01	3	0.89	4	0.5	0.1
KRC04001-068	79.9	81.4	1.5	1.5	30.7	86.2	166	0.5	14.1	15.9	671	2.88	59.9	0.4	159.9	1.5	149	3.6	0.2	0.1	27	1.33	0.054	2	7.6	0.6	84	0.08	2	1.8	0.046	0.38	4.7	0.01	3	1.22	4	0.5	0.1
KRC04001-069	81.4	82.9	1.5	2.5	19.3	18.4	75	0.4	13	18	897	3.62	54.5	0.4	29.6	1.5	145	0.4	0.2	0.1	37	2.21	0.065	2	9.5	0.78	85	0.073	1	2.34	0.064	0.44	2.5	0.01	3.8	0.65	6	0.5	0.2
KRC04001-070	82.9	84.5	1.6	1.4	17.9	63.4	158	0.4	9.1	13.1	1248	3.7	15.7	0.5	2.5	2.1	221	2.5	0.2	0.1	41	1.79	0.054	2	9.4	0.8	116	0.127	3	2.9	0.111	0.5	0.9	0.01	3.5	0.05	7	0.5	0.3
KRC04001-071	84.5	86	1.5	1.4	59.2	29.2	98	0.4	3.9	9.4	1381	3.01	8	0.5	4.6	1.4	139	0.3	0.2	0.1	24	3.13	0.083	3	3.7	0.88	76	0.064	3	2.23	0.061	0.35	0.4	0.01	2.3	0.21	5	0.5	0.1
KRC04001-072	86	86.9	0.9000000	2.3	32.5	19.2	117	0.3	7.7	11.2	1226	3.97	7.7	0.2	4	1	338	0.4	0.3	0.1	34	3.73	0.034	1	9.2	1.07	99	0.084	2	2.12	0.043	0.42	0.4	0.01	3.8	0.88	6	0.7	0.2

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04001	107.3	220	-45	499787	6070273	835	COMPLETE	16/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04001-073	86.9	88	1.1	1	27.2	8.6	98	0.2	10.6	15.4	667	3.92	2.3	0.3	7.9	1.5	134	0.1	0.2	0.1	39	1.16	0.047	2	9.2	0.89	102	0.124	2	2.41	0.066	0.52	0.4	0.01	4.4	0.21	7	0.5	0.2
KRC04001-074	88	89	1	2	77	8.3	109	0.3	18.3	22.1	703	4.93	5	0.5	5.2	1.3	118	0.1	0.2	0.1	97	1.2	0.078	2	30.5	0.89	75	0.188	1	2.19	0.071	0.38	0.4	0.01	5.7	0.28	7	0.5	0.1
KRC04001-075	89	90.3	1.3	0.9	45.3	16.5	100	0.2	5.1	14.2	865	4.23	2.9	0.5	4.8	1.1	233	0.1	0.2	0.2	41	2.43	0.112	3	4.7	1.04	92	0.098	2	2.54	0.102	0.36	0.4	0.01	3.1	0.6	7	0.5	0.1
KRC04001-076	90.3	91.6	1.3	1.4	34.7	12.2	85	0.2	7.7	13.9	721	3.54	3	0.5	2.1	1.2	120	0.1	0.2	0.1	49	1.92	0.085	3	9.5	0.86	99	0.125	1	2.25	0.101	0.32	0.3	0.01	3.6	0.28	7	0.5	0.1
KRC04001-077	91.6	92	0.4000000	1.4	16.4	10.7	121	0.2	34.1	20.4	976	5.11	10.6	0.3	3.8	1.2	225	0.1	1	0.1	112	4.77	0.255	16	56.1	1.65	93	0.191	1	1.97	0.052	0.17	0.3	0.01	5.2	0.73	10	0.7	0.1
KRC04001-078	92	93.5	1.5	1.8	30.4	12.6	105	0.1	47.5	25.3	733	6.7	5.5	0.2	0.5	1	134	0.1	0.4	0.1	160	3.96	0.403	26	92.2	2.32	102	0.14	1	2.13	0.057	0.06	0.2	0.01	5.2	0.3	12	0.5	0.1
KRC04001-079	93.5	95.1	1.6	1.5	28.8	34.8	92	0.1	49	24.9	633	6.24	4.7	0.2	0.5	0.9	118	0.1	0.3	0.1	149	2.79	0.379	28	84.7	1.92	68	0.188	1	1.84	0.093	0.07	0.2	0.01	3.8	0.23	12	0.5	0.1
KRC04001-080	95.1	96.6	1.5	1.6	25.6	50.6	115	0.2	50.6	25.4	799	6.29	6.8	0.2	0.5	0.6	82	0.1	0.3	0.1	126	2.98	0.398	27	79.6	1.8	45	0.162	1	1.79	0.079	0.06	0.4	0.01	3.3	0.38	13	0.5	0.1
KRC04001-081	96.6	98.2	1.6	1.8	29.4	37.3	123	0.1	44.5	23.7	825	6.57	5.6	0.2	3	0.5	89	0.2	0.3	0.1	128	2.8	0.418	29	66.2	1.94	43	0.133	1	1.88	0.059	0.06	0.2	0.01	3.1	0.28	13	0.5	0.1
KRC04001-082	98.2	99.7	1.5	1.4	26.1	12	130	0.1	52	25.5	804	6.44	5.5	0.2	4	0.5	109	0.1	0.4	0.1	132	3.54	0.4	27	94.8	2.08	52	0.14	1	2.04	0.062	0.07	0.2	0.01	3.7	0.24	14	0.5	0.1
KRC04001-083	99.7	101.2	1.5	1.8	27.1	74.4	149	0.2	56.5	26.9	713	6.7	3.1	0.2	4.4	0.5	190	0.2	0.3	0.1	150	3.58	0.365	27	105.7	2.3	106	0.146	1	2.08	0.068	0.09	0.1	0.01	4.3	0.36	12	0.5	0.1
KRC04001-084	101.2	101.8	0.6	1.4	22.9	112.7	167	0.5	53.8	26.9	683	6.6	2.2	0.4	0.8	1	264	0.2	0.6	0.1	189	4.3	0.314	38	88.1	2.23	128	0.423	1	2.03	0.101	0.09	0.1	0.01	8	0.35	11	0.5	0.1
KRC04001-085	101.8	102.3	0.5	2.4	2239.3	31400	11600	109	9.7	17.9	159	10.4	113	0.1	1E+05	0.3	21	186.2	5.9	0.9	12	0.36	0.01	1	9.6	0.2	19	0.03	1	0.71	0.008	0.05	0.8	0.08	1.6	8.52	3	7.4	0.1
KRC04001-086	102.3	102.7	0.4000000	2.3	326.1	7712	1852	28.2	9.7	11.3	422	5.52	33.3	0.4	18465	1.7	20	28.6	0.9	1.3	26	0.64	0.066	3	9.4	0.43	55	0.13	1	1.54	0.008	0.3	1.2	0.03	2.6	2.17	4	4.4	0.1
KRC04001-087	102.7	103.5	0.8	2	555.1	8136	6769	30.3	10.3	12.8	82	10.7	136.2	0.1	17370	0.2	8	112.2	3	0.5	2	0.11	0.002	1	11.4	0.1	11	0.01	1	0.33	0.006	0.04	0.5	0.08	0.5	8.69	2	3.3	0.1
KRC04001-088	103.5	104.3	0.8	2.9	314.1	3625	4100	12.1	26.9	15.3	868	10.1	58.3	0.1	11520	0.8	36	60.6	1	0.9	39	1.23	0.043	2	30.2	1.4	24	0.069	1	2.16	0.006	0.1	0.7	0.04	2.6	5.1	7	3.3	0.1
KRC04001-089	104.3	104.8	0.5	1.8	114.2	414.5	1380	2.5	15.7	5.1	1249	3.55	13.5	0.1	426.9	0.3	157	21.8	0.2	1.3	27	5.05	0.018	2	17.1	1.19	10	0.045	1	1.36	0.006	0.02	0.6	0.01	2	1	5	1.2	0.1
KRC04001-090	104.8	105.9	1.1	2.7	40	83.9	235	1	127	23.6	1645	5.85	7.9	0.2	37	1.1	306	0.9	0.3	0.4	96	5.44	0.261	7	168.8	2.62	147	0.209	2	4.91	0.101	0.49	3.3	0.01	4.8	0.66	14	0.5	0.2
KRC04001-091	105.9	106.8	0.9	1.3	23	24.3	139	0.3	45.7	23.3	1100	4.75	5.7	0.1	8.3	0.6	295	0.1	0.5	0.2	101	10.68	0.333	19	83.3	1.82	34	0.219	1	1.96	0.036	0.04	0.6	0.01	4.6	0.69	12	0.5	0.1
KRC04001-092	106.8	107.3	0.5	1.5	28.1	45.6	137	0.4	55.3	26.1	847	5.73	4.1	0.2	6.7	0.8	205	0.3	0.4	0.3	139	4.43	0.337	29	99	1.92	169	0.232	1	1.79	0.121	0.19	0.2	0.01	4.4	0.66	10	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04002	66.5	40	-80	499787	6070273	835	COMPLETE	17/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04002-001	0	1.6	1.6	1.1	32.4	5.2	101	0.2	64.1	27.9	814	6.57	14.9	0.2	3.4	0.5	186	0.4	0.3	0.1	174	2.27	0.496	30	97.6	2.77	575	0.125	1	2.48	0.048	0.11	0.1	0.01	5.4	0.19	12	0.5	0.1
KRC04002-002	1.6	2.6	1	1.3	28	4.5	78	0.2	65.9	29.7	652	6.65	5.9	0.1	1.7	0.4	262	0.3	0.2	0.1	176	2.83	0.537	26	107.7	2.75	586	0.137	2	2.11	0.066	0.11	0.1	0.01	4.2	0.25	12	0.5	0.1
KRC04002-003	2.6	3.8	1.2	1.3	29.9	4.9	71	0.2	67.3	30	665	6.72	8.2	0.1	7.8	0.4	353	0.2	0.2	0.1	168	2.96	0.518	26	115.8	2.59	695	0.156	1	2.06	0.064	0.12	0.1	0.01	3.4	0.23	11	0.5	0.1
KRC04002-004	3.8	5.5	1.7	1.3	26.8	5.3	103	0.1	65.7	31.1	809	6.95	9.3	0.1	2.1	0.5	250	0.2	0.2	0.1	176	2.67	0.532	30	109.2	2.63	572	0.152	1	2.2	0.06	0.13	0.1	0.01	3.9	0.22	13	0.5	0.1
KRC04002-005	5.5	6.5	1	1.6	20.3	8.8	112	0.2	64.6	31.9	1143	7.32	14.8	0.2	1.4	0.5	178	0.5	0.4	0.1	192	2.73	0.547	45	98.7	2.8	316	0.114	1	2.68	0.052	0.08	0.1	0.01	6.6	0.55	14	0.5	0.1
KRC04002-006	6.5	7.4	0.9	1.5	44.3	70.3	134	2.2	34.8	17.8	915	5.09	27	0.2	8	2	327	1.1	0.6	0.2	88	1.02	0.223	28	41.4	1.62	162	0.013	1	2.39	0.021	0.18	0.2	0.01	3.7	0.27	9	0.5	0.1
KRC04002-007	7.4	8.5	1.1	0.5	24.4	72.9	114	0.4	14.1	13.5	602	3	23.3	0.3	1.1	4.3	87	0.8	0.2	0.1	19	0.18	0.011	11	3.1	0.79	97	0.002	1	1.49	0.007	0.23	0.1	0.01	1.8	0.05	4	0.5	0.1
KRC04002-008	8.5	9.2	0.7	1.4	41.1	71.4	61	0.5	12.7	12.4	463	1.78	24	0.3	1.8	3.9	148	0.5	0.3	0.1	11	0.78	0.012	5	2.3	0.33	120	0.001	3	1.05	0.009	0.28	0.1	0.02	1.2	0.11	3	0.5	0.1
KRC04002-009	9.2	10.1	0.9	0.5	43.3	99.8	93	0.4	10.9	8	370	1.58	13.6	0.2	0.9	3	27	0.8	0.2	0.1	10	0.36	0.013	9	1.8	0.37	70	0.001	1	0.86	0.005	0.23	0.1	0.01	1.2	0.05	2	0.5	0.1
KRC04002-010	10.1	11	0.9	1.9	70.3	120	150	0.8	13.8	9.3	1081	3.12	32.7	0.2	5	2.5	493	2.1	0.8	0.3	34	3.75	0.065	16	12.3	0.77	162	0.004	1	1.71	0.009	0.18	0.1	0.02	2.7	0.13	5	0.5	0.1
KRC04002-011	11	11.6	0.6	2.5	40.2	78.1	171	0.5	60.7	28.1	1330	8.04	24.1	0.2	4	1.3	114	1.3	0.5	0.2	164	3.01	0.493	45	83.8	2.49	47	0.016	1	3.3	0.029	0.1	0.1	0.01	7.1	0.9	15	0.8	0.1
KRC04002-012	11.6	12.6	1	1.4	21.5	12.2	153	0.2	65.9	30.6	1335	7.27	20.3	0.2	1.4	0.6	136	0.5	0.3	0.1	183	3.64	0.539	50	91.9	2.82	113	0.035	1	3.03	0.032	0.11	0.1	0.01	7.4	0.75	15	0.5	0.1
KRC04002-013	12.6	13.6	1	0.9	22.7	19.9	124	0.2	42.2	20.9	978	5.12	15.2	0.2	1.5	1	151	0.7	0.2	0.1	116	3.32	0.324	29	56.2	1.98	152	0.048	1	2.32	0.025	0.14	0.1	0.01	5.3	0.25	10	0.5	0.1
KRC04002-014	13.6	14.6	1	0.4	20.4	17.2	57	0.3	8.6	9.8	1876	2.4	35.5	0.2	6.1	1.3	674	0.8	0.2	0.1	19	9.41	0.048	10	6.4	0.51	152	0.005	2	1.51	0.012	0.17	0.1	0.01	2.2	0.09	4	0.5	0.1
KRC04002-015	14.6	16.1	1.5	0.6	38.5	42.6	100	0.5	8.8	9.4	1002	3.16	57.4	0.2	10.3	1.7	182	1.6	0.2	0.2	22	3.8	0.042	10	6.1	0.74	90	0.014	1	1.69	0.01	0.16	0.1	0.01	2.4	0.14	4	0.5	0.1
KRC04002-016	16.1	17.7	1.6	0.9	22.6	9.9	83	0.3	12	13	909	3.18	26.7	0.5	5.6	2	66	0.7	0.2	0.1	25	2.06	0.061	11	6.9	0.73	55	0.028	3	1.84	0.022	0.24	0.2	0.01	2.4	0.05	4	0.5	0.1
KRC04002-017	17.7	18.8	1.1	0.7	75.1	16.9	115	0.8	4.4	17.9	1222	4.7	38.9	0.3	5.9	1.3	85	0.6	0.5	0.1	40	3.87	0.131	10	2	1.15	58	0.022	3	2.33	0.017	0.2	0.2	0.01	2.5	0.14	6	0.5	0.1
KRC04002-018	18.8	20.1	1.3	1.8	57.3	10.3	77	0.7	10.3	17.7	732	3.69	26.3	0.3	20.2	1.3	69	0.3	0.2	0.1	40	2.96	0.087	6	5.8	1.01	49	0.021	2	1.98	0.021	0.17	0.1	0.01	2.6	0.1	5	0.5	0.1
KRC04002-019	20.1	20.7	0.6	1.9	30	7.9	70	0.4	9.5	10.4	461	3.19	21.1	0.3	1.2	2.1	129	0.2	0.2	0.1	26	1.92	0.029	6	7.9	0.68	76	0.026	2	1.75	0.021	0.17	0.1	0.01	2.2	0.05	5	0.5	0.1
KRC04002-020	20.7	22.1	1.4	7.4	42.6	6.5	80	0.4	13	16.2	451	3.4	23.7	0.2	0.6	1.4	62	0.2	0.2	0.1	33	1.48	0.056	4	10	0.81	47	0.026	2	1.77	0.022	0.14	0.1	0.01	2.4	0.05	4	0.5	0.1
KRC04002-021	22.1	23.2	1.1	5.9	26.6	3.8	80	0.3	19.8	25.8	492	3.32	40.4	0.2	0.5	1.2	34	0.3	0.3	0.1	37	1.61	0.058	3	11.2	0.78	39	0.026	4	1.8	0.027	0.19	0.1	0.01	2.6	0.05	4	0.5	0.1
KRC04002-022	23.2	24.2	1	4.6	44	7.1	70	0.5	17.5	22.5	634	2.83	41.9	0.2	2.5	1.1	39	0.4	0.4	0.1	29	1.82	0.067	3	8.2	0.73	42	0.024	2	1.58	0.023	0.19	0.1	0.01	2.2	0.11	3	0.5	0.1
KRC04002-023	24.2	25.2	1	0.8	21.8	5.3	63	0.2	9.1	11.3	1893	4.07	123.5	0.3	6.3	1.6	43	0.2	0.4	0.1	32	1.03	0.054	4	8.8	0.86	54	0.046	2	2.11	0.02	0.21	0.3	0.01	2.9	0.08	5	0.5	0.1
KRC04002-024	25.2	26.2	1	0.5	20.1	3.8	71	0.3	7.8	8.7	665	3.79	9.5	0.2	2.2	1.7	26	0.1	0.1	0.1	29	0.72	0.038	3	8.3	0.83	39	0.037	2	1.94	0.022	0.16	0.1	0.01	2.5	0.05	5	0.5	0.1
KRC04002-025	26.2	26.8	0.6000000	0.6	17.7	4.5	80	0.1	8.3	8.4	941	4.37	14.2	0.2	0.5	1.7	28	0.5	0.4	0.1	29	0.49	0.008	3	9	0.92	53	0.042	4	2.23	0.024	0.21	0.2	0.01	2.4	0.05	6	0.5	0.1
KRC04002-026	26.8	28	1.2	0.8	26.8	5.3	66	0.2	15.4	18.7	380	3.74	27.7	0.2	0.9	1.9	22	0.1	0.2	0.1	31	0.26	0.01	2	8.4	0.86	35	0.024	2	1.87	0.025	0.11	0.1	0.01	2.8	0.05	5	0.5	0.1
KRC04002-027	38.4	38.7	0.3000000	0.4	42.2	5	75	0.3	10.7	13.8	474	3.65	12.7	0.2	0.5	1.2	261	0.2	0.2	0.1	52	2.33	0.068	3	15.4	0.88	126	0.033	3	1.96	0.032	0.11	0.1	0.01	3.7	0.05	5	0.5	0.1
KRC04002-028	39.7	40	0.3	0.2	47.3	14.8	139	0.6	8.5	13.2	578	3.83	9.6	0.2	227	1.2	757	1.2	0.1	0.1	39	3.15	0.037	3	10.3	0.84	230	0.02	2	2.38	0.027	0.16	0.1	0.01	2.7	0.05	6	0.5	0.1
KRC04002-029	47.1	47.5	0.4	0.5	71.2	3	99	0.3	9.1	22	860	5.21	23.5	0.4	1.7	1.2	74	0.1	0.1	0.1	167	3.27	0.103	4	11.7	1.66	34	0.03	2	2.69	0.049	0.07	0.1	0.01	7.5	0.08	9	0.5	0.1
KRC04002-030	47.5	47.7	0.2000000	0.7	69.9	4.5	105	0.4	8.3	24.8	1531	5.34	22.5	0.3	2.9	0.9	248	0.4	0.2	0.1	183	8.26	0.113	5	7.1	1.81	44	0.041	1	2.92	0.073	0.06	0.1	0.01	9.2	0.16	10	0.5	0.1
KRC04002-031	47.7	48.2	0.5	0.6	62.8	4.9	103	0.4	8.2	20.4	959	5.31	14.4	0.3	3.2	1.1	90	0.2	0.2	0.1	164	2.61	0.106	4	11.6	1.71	44	0.052	1	2.93	0.121	0.06	0.1	0.01	8.5	0.1	10	0.5	0.1
KRC04002-032	55.2	56.4	1.2	1.1	34.7	2.9	60	0.2	10.9	15.9	392	3.08	6	0.4	2	1.3	49	0.1	0.1	0.1	41	0.32	0.019	2	10.1	0.78	95	0.107	1	1.65	0.035	0.25	0.1	0.01	3.5	0.1	5	0.5	0.1
KRC04002-033	56.4	57.6	1.2	0.5	40.5	8.3	68	0.2	5.4	5.7	498	3.39	1.7	0.4	5.8	1.4	48	0.1	0.1	0.1	52	0.52	0.021	2	13.7	0.84	113	0.161	1	1.93	0.053	0.24	0.1	0.01	4.2	0.05	7	0.5	0.1
KRC04002-034	57.6	58.2	0.6000000	1	86.5	13	73	0.4	7.5	11.9	623	3.8	9.3	0.4	5.7	1.4	113	0.1	0.2	0.1	64	1.73	0.157	9	9.7	0.93	104	0.125	1	1.86	0.157	0.08	0.1	0.01	3.2	0.41	7	0.5	0.1
KRC04002-035	58.2	58.7	0.5	1.5	22.3	6.9	98	0.1	49.3	25.3	669	6.16	7.8	0.1	1	0.7	82	0.1	0.2	0.1	143	2.75	0.471	26	70.2	1.98	39	0.096	1	1.74	0.057	0.04	0.1	0.01	2.7	0.26	11	0.5	0.1
KRC04002-036	58.7	60.3	1.6	1.5	25.4	4.2	79	0.1	49.5	26.7	524	5.91	5.3	0.1	0.5	0.8	106	0.1	0.2	0.1	146	2.81	0.434	26	79.7	2.12	77	0.104	1	1.81	0.072	0.07	0.1	0.01	3.4	0.23	10	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KRC04002	66.5	40	-80	499787	6070273	835	COMPLETE	17/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KRC04002-037	60.3	61	0.7000000	1	22	6.7	67	0.1	18.7	15.7	396	3.27	5.8	0.3	3.7	1.3	83	0.1	0.2	0.1	95	1.2	0.076	4	27.3	0.83	90	0.138	1	1.89	0.114	0.25	0.2	0.01	7.2	0.09	7	0.5	0.1
KRC04002-038	61	61.5	0.5	1.2	23.4	6.5	72	0.1	21.7	18.2	429	3.54	6.7	0.3	3.6	1.4	96	0.1	0.2	0.1	104	1.38	0.098	6	30.8	0.92	97	0.16	2	1.94	0.123	0.26	0.2	0.01	7.6	0.11	7	0.5	0.1
KRC04002-039	61.5	62.3	0.8	1.1	28.2	7	71	0.2	24.6	22.2	404	3.95	4.8	0.4	4.3	1.3	60	0.1	0.2	0.1	92	1.14	0.147	8	33.9	1.11	139	0.155	1	1.77	0.061	0.25	0.1	0.01	4.7	0.23	7	0.5	0.1
KRC04002-040	62.3	63.2	0.9000000	1.5	24.1	8.5	81	0.1	52.6	27.1	478	6.03	4.5	0.1	1.1	0.7	100	0.1	0.1	0.1	162	2.95	0.438	26	85.9	2.21	283	0.113	1	1.79	0.059	0.23	0.1	0.01	3.2	0.2	11	0.5	0.1
KRC04002-041	63.2	63.6	0.4	0.6	27.5	10	110	0.3	25.4	27.3	777	5.78	7.7	0.3	2	1.1	213	0.1	0.2	0.2	231	3.36	0.169	9	48.7	2.1	129	0.207	2	3.36	0.269	0.15	0.2	0.01	8.9	0.36	13	0.5	0.1
KRC04002-042	63.6	65.3	1.7	0.7	59.8	12.6	104	0.4	16.9	19.2	739	5.2	8.4	0.4	2.8	1.1	178	0.2	0.1	0.1	193	2.39	0.119	4	29.9	1.86	68	0.11	1	3.14	0.246	0.06	0.1	0.01	8.2	0.13	11	0.5	0.1
KRC04002-043	65.3	66.5	1.2	0.4	39.4	7.4	75	0.3	13	14.1	415	4.15	5.8	0.6	0.5	1.8	88	0.1	0.1	0.1	95	0.71	0.046	2	23.4	0.99	97	0.107	2	2.28	0.118	0.16	0.1	0.01	6.5	0.05	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04003-001	0	1.8	1.8	0.6	51.2	116.2	140	1.1	15.4	9.8	704	3.31	16.4	0.2	2.1	1.6	49	1.2	0.2	0.2	35	0.59	0.08	12	16.3	0.97	85	0.028	2	1.85	0.016	0.18	0.2	0.01	2.6	0.05	6	0.5	0.1
KRC04003-002	1.8	3.3	1.5	1	24.4	123.9	143	0.3	22.3	12.3	823	3.15	22.4	0.6	3.2	1.9	53	1.5	0.2	0.2	28	0.87	0.158	17	26.2	1.05	134	0.023	2	1.94	0.012	0.27	0.2	0.01	2.8	0.05	5	0.5	0.1
KRC04003-003	3.3	4.5	1.2	0.5	40.2	85.9	125	0.6	11.4	10.8	1039	3.63	20.5	0.1	27.2	1.3	105	1.5	0.2	0.3	23	1.81	0.048	7	4.6	1.22	115	0.009	1	1.98	0.004	0.19	0.1	0.01	2.9	0.05	5	0.5	0.1
KRC04003-004	4.5	6.7	2.2	0.4	27.5	205	172	6.3	94.2	20	1317	4.84	32	0.3	8	2.1	350	0.7	0.3	0.3	84	4.9	0.279	39	156.5	3.13	38	0.012	1	3.07	0.024	0.05	0.1	0.01	6.1	0.05	12	0.5	0.1
KRC04003-005	6.7	7.1	0.4	0.2	13	63.9	134	1.4	125	23.6	1074	4.62	26	0.3	2.6	2.1	342	0.9	0.2	0.1	93	4.37	0.287	40	193.6	3.77	57	0.01	1	3.34	0.028	0.05	0.1	0.01	6.7	0.05	13	0.5	0.1
KRC04003-006	7.1	8.2	1.1	0.5	18.3	143.1	161	2	132	24.9	1152	4.52	21.6	0.3	4.1	1.5	699	1.2	0.4	0.2	100	5.45	0.267	23	184.1	3.7	107	0.025	1	3.1	0 031	0.09	0.1	0.01	8.1	0.16	12	0.5	0.1
KRC04003-007	8.2	9.3	1.1	1	27.1	76.2	111	2.1	123	24.2	1440	4.36	12.5	0.3	3.7	1.4	834	0.8	0.5	0.1	78	5.93	0.266	18	145.8	3.37	153	0.012	1	2.91	0.023	0.1	0.3	0.01	6.6	0.41	11	0.5	0.1
KRC04003-008	9.3	9.8	0.5	0.3	39.8	51.7	144	0.7	27.2	13.8	1611	4.34	41.8	0.2	17.7	1.4	172	2.1	0.4	0.1	32	3.96	0.132	17	29.3	1.46	101	0.022	3	2.43	0.008	0.3	0.3	0.01	2.8	0.05	7	0.5	0.1
KRC04003-009	9.8	11.1	1.3	0.7	17.1	14.2	105	0.2	8.6	12	824	3.47	18.9	0.3	11.3	1.7	88	1.2	0.2	0.1	25	2.02	0.058	10	6.2	0.8	68	0.03	1	1.82	0.016	0.25	0.2	0.01	1.9	0.05	5	0.5	0.1
KRC04003-010	11.1	12	0.9	1.8	34.6	233.8	194	0.6	17.2	11.2	1242	4.06	15.4	0.2	0.5	1.2	195	2.7	0.3	0.6	30	4.29	0.09	10	18.1	1.12	50	0.013	3	1.95	0.007	0.18	0.2	0.01	2.4	0.12	5	0.6	0.1
KRC04003-011	12	12.8	0.8000000	3.4	51.5	395.3	114	0.9	7.2	7.8	448	2.95	20.8	0.3	0.5	1.8	17	1.3	0.7	0.1	18	0.27	0.028	6	3.4	0.55	84	0.022	1	1.44	0.005	0.26	0.2	0.01	1.7	0.15	5	0.6	0.1
KRC04003-012	25.8	26.1	0.3	0.6	26.2	32.1	79	0.3	18.1	13.9	1988	2.78	10.5	0.2	0.5	0.7	111	0.5	0.2	0.1	56	4.53	0.079	6	25.6	0.84	48	0.069	2	1.8	0.053	0.06	0.3	0.01	4.2	0.05	5	0.5	0.1
KRC04003-013	26.7	27.1	0.4000000	0.4	60.6	20.2	132	0.5	0.7	12.2	1871	4.47	9	0.1	31.2	0.7	195	0.7	0.1	0.3	35	6.69	0.096	7	1	1.11	57	0.019	1	2.16	0.024	0.14	0.1	0.01	2.3	0.12	7	0.5	0.1
KRC04003-014	31.1	31.5	0.4	0.6	15.6	26	85	0.2	9.7	12.7	896	3.51	16.8	0.3	0.5	1.5	65	0.3	0.1	0.1	68	1.65	0.065	3	13.9	0.99	62	0.053	1	1.78	0.046	0.09	0.2	0.01	4.3	0.05	6	0.5	0.1
KRC04003-015	31.5	32.2	0.7000000	0.3	11.5	9.7	74	0.2	1.8	1.9	869	1.22	12.4	0.2	3.8	2.2	73	0.7	0.1	0.2	8	2.11	0.02	5	1.4	0.17	115	0.031	2	0.69	0.054	0.14	0.1	0.01	0.7	0.05	3	0.5	0.1
KRC04003-016	32.2	32.5	0.3	2	13.7	5.3	128	0.1	9.4	16.2	1853	4.43	11.7	0.1	2.5	1.1	88	0.2	0.1	0.1	96	2.5	0.101	5	8.6	1.4	131	0.119	1	2.48	0.107	0.16	0.3	0.01	6.7	0.05	10	0.5	0.1
KRC04003-017	32.5	32.9	0.4	0.9	31.3	2	86	0.1	6.6	15.2	927	3.83	2.4	0.2	0.7	1	107	0.1	0.1	0.1	86	1.5	0.133	5	5	1.23	272	0.143	1	2.21	0.124	0.18	0.2	0.01	4.1	0.05	9	0.5	0.1
KRC04003-018	34.1	34.9	0.8	0.2	43.5	49.8	98	0.3	6.8	15.2	933	3.84	2.1	0.2	0.5	1	114	0.6	0.2	0.1	91	1.56	0.137	5	5.9	1.21	359	0.166	1	2.38	0.145	0.34	0.3	0.01	2.8	0.05	9	0.5	0.1
KRC04003-019	34.9	35.1	0.2000000	0.4	32.6	21.6	100	0.4	22.3	17.7	1064	4.58	6.5	0.2	0.5	1	170	0.2	0.2	0.1	108	2.44	0.135	8	34.1	1.71	295	0.151	1	2.92	0.161	0.3	0.1	0.01	5.6	0.05	10	0.5	0.1
KRC04003-020	35.1	36	0.9	0.2	44.3	7.1	86	0.2	7.2	15.7	1048	4.3	2.9	0.2	1.5	0.9	130	0.2	0.1	0.1	99	2.23	0.131	5	5.5	1.42	285	0.147	2	2.55	0.139	0.3	0.1	0.01	4.8	0.05	10	0.5	0.1
KRC04003-021	36	36.6	0.6000000	0.2	40.1	44.9	112	0.3	8.6	17.2	1271	4.55	23.5	0.2	1.5	0.9	153	0.5	0.2	0.1	112	2.27	0.134	5	6.6	1.48	516	0.188	1	2.9	0.176	0.44	0.3	0.01	5.3	0.05	10	0.5	0.2
KRC04003-022	36.6	37.2	0.6000000	0.4	18.8	25.2	102	0.2	9.3	15.9	1258	5.03	9.9	0.2	0.7	1	107	0.4	0.1	0.1	104	2.28	0.114	5	10.7	1.55	121	0.123	1	2.83	0.126	0.14	0.1	0.01	6.9	0.05	10	0.5	0.1
KRC04003-023	37.2	38.1	0.9	0.2	14.9	15.5	70	0.2	12.5	13.6	924	3.76	10.5	0.3	0.5	1.2	74	0.2	0.1	0.1	69	1.63	0.05	4	17.4	1.03	76	0.047	1	1.98	0.051	0.15	0.1	0.01	4.9	0.05	7	0.5	0.1
KRC04003-024	45.3	46.1	0.8000000	0.2	12.2	3.8	26	0.1	4.1	7.3	1326	0.99	6.8	0.3	0.5	0.6	154	0.1	0.4	0.1	32	4.76	0.045	4	7.6	0.21	51	0.169	3	1.18	0.036	0.04	0.2	0.01	2.4	0.05	3	0.5	0.1
KRC04003-025	53	53.5	0.5	0.2	12.5	2.9	100	0.1	18.4	19.2	785	5.22	8	0.3	1.2	1.2	41	0.1	0.1	0.1	166	1.27	0.056	3	39.6	1.69	90	0.149	1	2.53	0.071	0.04	0.3	0.01	12.8	0.05	10	0.5	0.1
KRC04003-026	53.5	54.3	0.8	0.2	34.3	5.6	61	0.1	9.2	10.7	1229	2.17	3.6	0.3	1.7	0.9	140	0.1	0.3	0.1	79	4.66	0.051	4	19.3	0.65	156	0.192	1	1.4	0.078	0.03	0.2	0.01	6.2	0.08	5	0.5	0.1
KRC04003-027	65.9	66.2	0.3	1.9	25.4	7.5	91	0.2	24	21.5	771	5.16	52.5	0.2	0.5	1.2	60	0.2	0.2	0.1	93	1.61	0.077	4	26.7	1.25	51	0.04	1	2.49	0.03	0.12	0.1	0.01	4.6	0.05	7	0.5	0.1
KRC04003-028	66.2	66.5	0.3	0.9	17.9	12.3	84	0.2	13.4	13.2	1192	5.31	26	0.2	0.5	1.1	218	0.1	0.1	0.1	83	4.18	0.055	6	20.4	1.2	36	0.02	1	2.46	0.026	0.08	0.1	0.01	4.9	0.05	8	0.5	0.1
KRC04003-029	66.5	67.1	0.6	1.8	35.1	17.5	97	0.4	24	27.9	610	5.09	83.8	0.2	0.5	1.2	51	0.3	0.3	0.1	77	1.16	0.067	4	18.1	1.15	50	0.023	1	2.45	0.029	0.14	0.1	0.01	4.2	0.05	8	0.5	0.1
KRC04003-030	67.1	67.7	0.6000000	2.8	48	68.3	132	0.5	10.5	12.9	1042	3.43	230.6	0.4	0.5	1.5	197	1	0.3	0.1	28	4.46	0.044	4	7.1	0.82	53	0.029	1	1.84	0.023	0.17	0.1	0.01	2.8	0.12	5	0.5	0.1
KRC04003-031	67.7	68.4	0.7000000	0.5	35.1	9.7	74	0.3	6.9	11.4	479	2.7	178.7	0.2	0.6	1.4	59	0.4	0.5	0.1	25	1.96	0.03	4	5.8	0.66	89	0.036	3	1.56	0.038	0.24	0.1	0.01	3	0.21	4	0.7	0.1
KRC04003-032	68.4	68.9	0.5	0.7	40.1	13.1	111	0.4	7.1	10.1	556	3.25	124.9	0.2	0.9	1.2	146	0.6	0.5	0.1	25	2.02	0.028	2	5.8	0.8	74	0.03	1	1.78	0.035	0.16	0.2	0.01	3.2	0.23	5	0.5	0.1
KRC04003-033	68.9	70.1	1.2	0.4	46.8	4.7	90	0.4	9.8	15.2	455	3.53	111.1	0.2	1.5	1.3	79	0.4	0.4	0.1	34	1.56	0.039	5	8.9	0.88	75	0.037	1	1.93	0.048	0.19	0.1	0.01	4	0.05	5	0.5	0.1
KRC04003-034	70.1	71.1	1	0.3	30.9	4	80	0.2	10.2	14.8	423	3.32	25.5	0.2	0.5	1.3	51	0.2	0.1	0.1	46	1.37	0.043	5	14.3	0.77	75	0.049	2	1.91	0.051	0.18	0.1	0.01	4.1	0.05	5	0.5	0.1
KRC04003-035	71.1	72.3	1.2	2.1	35.3	5	117	0.2	22.2	32.4	724	6.15	32.6	0.2	0.5	1.4	85	0.2	0.1	0.1	132	1.59	0.065	4	35.3	1.11	57	0.043	1	2.85	0.046	0.12	0.1	0.01	7	0.05	9	0.5	0.1
KRC04003-036	72.3	73.4	1.1	0.4	37.9	3.8	80	0.3	9.1	12.5	527	4.03	8.4	0.2	2.5	1.4	65	0.1	0.1	0.1	55	1.49	0.044	3	15.2	0.87	57	0.03	1	2.14	0.047	0.15	0.1	0.01	4	0.05	6	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04003	102.7	220	-80	499787	6070273	835	COMPLETE	18/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04003-037	73.4	73.8	0.4	0.2	27.8	2.6	75	0.2	6.9	9.2	531	3.65	4.3	0.3	0.5	1.4	70	0.2	0.1	0.1	48	1.32	0.038	5	14	0.85	65	0.035	1	2.02	0.049	0.16	0.1	0.01	3.8	0.05	6	0.5	0.1
KRC04003-038	73.8	74.6	0.8	0.1	31.9	4.3	79	0.2	7.2	11.3	521	4.01	5.4	0.2	0.5	1.5	57	0.1	0.1	0.1	57	1.05	0.043	6	15.9	0.9	62	0.032	1	2.19	0.05	0.14	0.1	0.01	3.9	0.05	6	0.5	0.1
KRC04003-039	74.6	75.4	0.8000000	0.1	46.2	3.9	83	0.4	9	14	553	4.56	9.5	0.2	0.5	1.4	64	0.1	0.1	0.1	55	1.1	0.03	4	14.6	0.98	72	0.028	1	2.4	0.052	0.16	0.1	0.01	4.2	0.05	7	0.5	0.1
KRC04003-040	75.4	76.5	1.1	0.6	86.1	4	76	0.6	3.5	16.1	937	4.88	4.7	0.2	0.9	0.9	110	0.1	0.1	0.1	92	2.49	0.097	4	6.5	1.22	71	0.028	1	2.54	0.077	0.12	0.1	0.01	4.4	0.26	8	0.5	0.1
KRC04003-041	76.5	77.7	1.2	0.4	60.2	2.7	71	0.3	5.3	12.6	850	4.25	3.6	0.2	0.5	0.9	91	0.1	0.1	0.1	72	2.39	0.071	4	10	1.06	68	0.03	1	2.27	0.062	0.12	0.1	0.01	4.4	0.13	7	0.5	0.1
KRC04003-042	80.6	81.2	0.6000000	2.3	52.4	8.1	129	0.5	6.8	16.6	939	4.59	32.7	0.2	0.5	1	139	0.4	0.1	0.1	43	3.68	0.082	5	6.2	1.03	70	0.021	1	2.38	0.035	0.19	0.1	0.01	3.3	0.14	6	0.5	0.1
KRC04003-043	81.2	81.9	0.7000000	0.5	42.3	4.4	80	0.4	6	15.3	879	4.43	14.6	0.3	0.6	1.3	117	0.2	0.1	0.1	46	3.06	0.067	6	7.8	1.06	84	0.033	2	2.38	0.041	0.22	0.1	0.01	3.9	0.08	7	0.5	0.1
KRC04003-044	81.9	82.4	0.5	0.5	25.7	3.7	78	0.3	8.3	12.8	872	4.45	13.3	0.3	0.5	1.5	61	0.2	0.2	0.1	33	1.57	0.039	8	7.7	0.94	70	0.04	2	2.32	0.014	0.24	0.1	0.01	3.6	0.05	6	0.5	0.1
KRC04003-045	82.4	82.9	0.5	0.6	25.6	5.4	68	0.3	9.8	15.6	980	3.72	20.7	0.4	0.5	1.5	86	0.2	0.2	0.1	30	2.01	0.044	8	7.6	0.78	83	0.053	2	2.09	0.016	0.29	0.3	0.01	3.4	0.05	5	0.6	0.1
KRC04003-046	82.9	84.4	1.5	4.2	30.9	5.6	116	0.4	13.8	19.5	1210	3.8	32.9	0.3	0.5	1.5	91	0.8	0.5	0.1	37	2.36	0.044	8	9.1	0.8	53	0.033	1	2.01	0.009	0.21	0.1	0.01	2.8	0.16	5	0.9	0.1
KRC04003-047	84.4	86	1.6	4.2	14.6	21.3	76	0.2	10.2	15.1	1896	4.18	18.6	0.3	5.1	1.3	530	0.3	0.1	0.1	39	4.7	0.049	8	9.9	0.96	120	0.013	1	2.25	0.015	0.19	0.2	0.01	3.3	0.1	5	0.5	0.1
KRC04003-048	86	89	3	1.9	16.2	22.7	100	0.2	17	16.9	1075	4.08	17.7	0.3	0.7	1.4	110	0.4	0.2	0.1	58	1.71	0.063	9	17.8	1.14	75	0.018	1	2.29	0.035	0.16	0.1	0.01	3.9	0.05	6	0.5	0.1
KRC04003-049	89	90.5	1.5	19.2	19.5	10.2	86	0.4	17.2	17.4	1289	4.37	18.5	0.3	1.3	1.4	346	0.2	0.3	0.1	63	2.59	0.056	9	19.3	1.16	121	0.014	1	2.42	0.028	0.17	0.2	0.01	4.2	0.09	7	0.5	0.1
KRC04003-050	90.5	91.2	0.7000000	6.6	21.4	12.7	92	0.2	18.6	17.1	1173	4.53	14.2	0.3	1.3	1.4	198	0.3	0.1	0.1	84	2.31	0.07	10	21.2	1.32	72	0.03	1	2.49	0.047	0.1	0.2	0.01	5.3	0.05	7	0.5	0.1
KRC04003-051	91.2	91.9	0.7000000	2.2	49.6	99.3	409	0.4	19.1	19.2	1452	4.33	75.8	0.3	23.5	1.2	151	6.2	0.2	0.2	68	2.14	0.066	9	19	1.21	65	0.026	1	2.31	0.038	0.13	0.1	0.01	4.4	0.23	6	0.8	0.1
KRC04003-052	91.9	93.3	1.4	3	40.9	34.6	100	0.2	4.1	13.4	1770	4.47	20	0.3	2.5	1.2	242	0.5	0.2	0.1	70	5.32	0.109	9	3.6	1.27	76	0.016	2	2.39	0.048	0.13	0.1	0.01	3.8	0.15	8	0.5	0.1
KRC04003-053	93.3	94.5	1.2	10.8	37.5	24.2	117	0.3	5.6	16.3	1469	4.45	14.3	0.4	0.5	1.2	154	0.7	0.2	0.1	59	3.2	0.116	9	4.2	1.27	82	0.021	2	2.43	0.038	0.18	0.1	0.01	3.6	0.14	8	0.5	0.1
KRC04003-054	94.5	95.2	0.7000000	5.8	35.4	9.9	86	0.2	12.2	17.3	1525	4.06	19.2	0.2	7.3	1.2	143	0.3	0.2	0.1	55	3.51	0.054	7	13.6	1.1	61	0.018	1	2.22	0.019	0.18	0.1	0.01	3.3	0.05	6	0.5	0.1
KRC04003-055	95.2	96.3	1.1	28.8	21	4.6	77	0.3	14	16.3	1908	5.01	16.9	0.3	2.3	1.2	224	0.1	0.3	0.1	50	4.31	0.071	8	16.7	1.25	86	0.018	1	2.66	0.009	0.22	0.1	0.01	3.3	0.05	6	0.5	0.1
KRC04003-056	96.3	97.7	1.4	23.3	16.2	10	90	0.4	17	18.9	1314	3.9	26	0.3	3.4	1.4	190	0.4	0.6	0.2	39	2.61	0.05	8	12.5	1.05	94	0.011	2	2.25	0.019	0.2	0.1	0.01	3	0.08	6	0.5	0.2
KRC04003-057	97.7	98.2	0.5	76.7	8.8	134.7	258	1.2	12.1	14.7	2032	3.82	21	0.2	2.4	1.2	927	2.8	1.5	0.5	42	4.51	0.049	9	10.7	1.12	220	0.005	1	2.41	0.021	0.19	0.1	0.01	3	0.23	6	1.7	0.2
KRC04003-058	98.2	98.8	0.6	25	18.9	25.2	146	0.4	15.8	17.8	1742	4.59	19.1	0.3	5.1	1.2	503	0.9	0.6	0.3	56	2.99	0.056	8	16.4	1.26	157	0.007	1	2.67	0.012	0.24	0.2	0.01	3.5	0.15	6	0.6	0.2
KRC04003-059	98.8	99.5	0.7000000	1.4	5.1	11.1	99	0.1	15.1	17	1686	4.42	14.6	0.3	2.4	1.4	257	0.2	0.2	0.1	48	3.51	0.056	6	17.6	1.41	91	0.024	3	2.56	0.018	0.22	0.1	0.01	3.2	0.05	6	0.5	0.1
KRC04003-060	99.5	100.3	0.8	1.2	105.2	215.8	83	1.7	14.4	15.9	1883	4.07	17.1	0.4	3.6	1.6	188	0.5	0.2	0.2	43	3.79	0.054	7	12.7	1.43	82	0.03	3	2.4	0.018	0.25	0.2	0.01	3.1	0.08	6	0.8	0.1
KRC04003-061	100.3	101.8	1.5	0.7	16.3	15.9	91	0.2	13.9	15.6	1973	3.88	48.8	0.3	11.3	1.5	105	0.5	0.3	0.1	46	2.87	0.051	6	14.8	1.41	66	0.037	1	2.32	0.02	0.24	0.6	0.01	3	0.13	6	0.5	0.1
KRC04003-062	101.8	102.7	0.9000000	8.2	8.8	28.4	544	0.4	12.7	13.8	1678	3.94	19.4	0.3	5.6	1.2	139	5.9	0.5	0.4	40	2.95	0.049	6	12.7	1.1	69	0.007	1	2.24	0.008	0.26	0.1	0.01	2.7	0.25	6	0.5	0.2

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

Sample Number	From (m)	To (m)	Sample Length (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm
KRC04004-001	0	2.4	2.4	0.9	52.5	114.1	186	0.8	32.6	20.7	929	4.63	31.1	0.3	30.5	1.9	33	1.1	1.5	0.1	63	0.35	0.147	14	54.2	1.83	99	0.023	1	2.41	0.014	0.24	0.3	0.01	4.9	0.09	8	0.5	0.1
KRC04004-002	2.4	4.7	2.3	1.4	65.8	246.1	83	2.1	6.3	5.8	358	1.96	15.3	0.1	1955	0.9	9	1	0.4	0.2	10	0.09	0.022	8	5.4	0.39	61	0.029	1	0.96	0.017	0.21	0.3	0.01	1.9	0.05	3	0.5	0.1
KRC04004-003	4.7	6.4	1.7	1.3	30.7	21	102	0.5	9.8	12.1	737	4.1	72.5	0.2	4	2.2	21	0.8	0.5	0.1	29	0.3	0.052	11	7.2	0.86	87	0.031	1	2.02	0.01	0.31	0.3	0.01	2.7	0.05	5	0.5	0.1
KRC04004-004	6.4	7.2	0.8	0.7	86.9	40.9	367	0.7	11.7	15.3	789	4.93	23.4	0.3	1.9	1.9	21	5.9	0.2	0.1	35	0.56	0.042	11	12.1	1	65	0.041	1	2.23	0.011	0.24	0.1	0.01	3.3	0.05	6	0.5	0.1
KRC04004-005	7.2	8.2	1	1.2	45.2	9.5	122	0.3	14.7	19.7	649	3.67	29.1	0.3	1.1	1.7	29	1.6	0.2	0.1	28	0.95	0.049	7	11.1	0.84	67	0.031	1	1.84	0.018	0.27	0.1	0.01	2.6	0.05	5	0.5	0.1
KRC04004-006	8.2	9.5	1.3	0.4	48.7	25.4	110	0.6	12.1	15.6	605	3.85	21.6	0.2	1.6	1.5	36	0.9	0.2	0.1	37	1.15	0.037	5	12.8	0.9	84	0.057	1	1.96	0.033	0.27	0.1	0.01	3.4	0.05	5	0.5	0.1
KRC04004-007	14	14.8	0.8000000	0.3	25.3	5.1	56	0.1	9.7	13	3506	2.28	12.3	0.2	1	0.6	140	0.1	0.4	0.1	54	9.38	0.043	2	17.1	0.51	179	0.071	1	1.18	0.052	0.05	0.6	0.01	3.9	0.05	4	0.5	0.1
KRC04004-008	14.8	15.5	0.7	0.3	21.7	3.6	61	0.1	11.6	13.8	5173	2.18	8.6	0.1	1	0.3	164	0.1	0.2	0.1	83	12.8	0.044	2	21.2	0.41	53	0.095	1	1.02	0.031	0.01	0.1	0.01	5.4	0.07	5	0.5	0.1
KRC04004-009	15.5	15.8	0.3	0.2	14.2	5.7	74	0.1	11.5	12.3	2247	3.53	12.4	0.1	0.5	0.7	134	0.2	0.2	0.1	105	7.14	0.036	2	27.5	0.93	43	0.058	1	1.63	0.056	0.05	0.2	0.01	8.7	0.05	7	0.5	0.1
KRC04004-010	20.1	21	0.9	0.2	25.3	7.7	71	0.2	13.9	14.8	720	3.46	24	0.2	0.5	1.3	70	0.2	0.3	0.1	35	2.08	0.056	3	12.9	1.13	65	0.036	2	1.99	0.04	0.16	0.1	0.01	3.4	0.05	5	0.5	0.1
KRC04004-011	21	21.6	0.6000000	0.4	35.3	13.2	104	0.3	15.2	17	485	3.74	31.7	0.2	0.6	1.5	46	0.5	0.2	0.1	44	1.29	0.06	4	15.4	1.21	86	0.039	1	2.15	0.038	0.23	0.1	0.01	3.3	0.05	7	0.5	0.1
KRC04004-012	21.6	22.3	0.7	0.2	25.9	5.1	83	0.2	15.4	17.3	523	4.3	19	0.2	1.3	1.4	49	0.2	0.3	0.1	65	1.44	0.052	3	22.5	1.52	59	0.04	4	2.34	0.044	0.14	0.1	0.01	4.4	0.05	8	0.5	0.1
KRC04004-013	29.7	29.9	0.2	0.3	18.8	7	85	0.1	20.2	16.4	986	4.99	6.6	0.2	14.1	1.6	245	0.2	0.1	0.1	84	3.17	0.052	8	25.8	1.41	78	0.027	1	2.52	0.037	0.14	0.1	0.01	5	0.05	9	0.5	0.1
KRC04004-014	30.3	30.5	0.2	0.3	13.8	6	76	0.1	23.8	17.1	762	4.49	15.8	0.2	0.6	1.2	228	0.2	0.1	0.1	82	2.46	0.06	9	25.1	1.21	51	0.031	1	2.2	0.035	0.08	0.1	0.01	5.4	0.05	7	0.5	0.1
KRC04004-015	31.8	32.7	0.9000000	0.7	29.8	8.9	120	0.3	29.5	27.1	1316	7.29	39.9	0.2	104.8	1.5	188	0.4	0.4	0.1	158	2.78	0.076	10	47.8	1.53	61	0.056	2	3.29	0.023	0.14	0.1	0.01	7.9	0.05	11	0.5	0.1
KRC04004-016	32.7	32.9	0.2	0.7	28.5	61.9	104	0.3	11.6	13.9	2112	4.46	29.8	0.1	3.1	0.8	260	0.6	0.2	0.2	45	7.45	0.041	7	9.7	1.17	34	0.019	1	2.04	0.007	0.12	0.1	0.01	3.4	0.08	7	0.5	0.1
KRC04004-017	32.9	33.3	0.4	1.1	13.5	37.8	117	0.1	18.4	15.5	1520	3.76	20.5	0.1	2.8	0.9	195	0.9	0.1	0.1	32	5.52	0.043	7	9.6	0.98	36	0.007	1	1.84	0.015	0.12	0.1	0.01	4	0.05	6	0.5	0.1
KRC04004-018	33.3	33.8	0.5	0.4	14.9	14.6	115	0.1	22.8	14.7	895	5.03	12.2	0.1	0.8	1.2	74	0.5	0.2	0.1	70	1.88	0.06	10	23.7	1.26	26	0.008	1	2.38	0.033	0.08	0.1	0.01	5.5	0.05	8	0.5	0.1
KRC04004-019	33.8	35	1.2	0.8	22.6	11.2	121	0.2	28.7	22.4	1039	6.28	27.3	0.2	0.5	1.2	92	0.4	0.2	0.1	127	2.08	0.066	6	38.7	1.52	28	0.024	1	2.84	0.026	0.09	0.1	0.01	6.3	0.05	10	0.5	0.1
KRC04004-020	35	35.6	0.6000000	0.7	22.8	8.1	106	0.2	30.9	22.6	1069	6.86	29.3	0.2	0.5	1.3	49	0.2	0.1	0.1	169	1.51	0.091	5	50.1	1.65	32	0.04	1	3.1	0.03	0.09	0.1	0.01	6.9	0.05	10	0.5	0.1
KRC04004-021	35.6	36	0.4	5.6	48.3	30.1	162	0.5	42.2	35.8	1387	4.86	73.7	0.2	2	1.1	181	1.3	0.3	0.2	57	3.51	0.059	6	12.8	1.09	39	0.021	1	2.17	0.02	0.13	0.1	0.01	3.6	0.24	6	0.5	0.1
KRC04004-022	36	36.9	0.9	1.9	41.3	11.8	121	0.4	32.1	30.1	1715	6.34	41.6	0.2	1.3	1.1	97	0.4	0.2	0.1	169	2.71	0.076	3	46.5	1.47	28	0.051	1	2.77	0.035	0.08	0.1	0.01	9.5	0.18	10	0.5	0.1
KRC04004-023	36.9	37.1	0.2000000	1.5	29.2	8.8	112	0.3	20.5	21	1137	5.71	38.4	0.2	0.7	1.2	52	0.3	0.2	0.1	125	1.81	0.067	2	31.1	1.44	23	0.046	1	2.6	0.032	0.07	0.1	0.01	8.2	0.09	10	0.5	0.1
KRC04004-024	37.1	37.7	0.6000000	0.6	24.9	7.3	97	0.2	18.2	18.2	1153	5.65	22.8	0.2	0.5	1.2	76	0.3	0.1	0.1	93	2.05	0.068	7	30.1	1.4	41	0.034	1	2.61	0.036	0.11	0.1	0.01	5.4	0.08	8	0.5	0.1
KRC04004-025	37.7	38	0.3	0.5	29.3	18.9	110	0.2	19.3	19.5	1647	5.6	24.4	0.2	1.3	1.3	228	0.4	0.1	0.1	101	3.92	0.067	12	34.3	1.27	43	0.03	1	2.58	0.035	0.13	0.1	0.01	7.4	0.18	8	0.5	0.1
KRC04004-026	48.1	48.5	0.4	0.5	69.2	8	83	0.7	7.5	18.8	816	5.23	18.2	0.2	1.5	1	181	0.2	0.1	0.1	56	5.05	0.064	1	8.2	1.09	45	0.057	1	2.48	0.012	0.13	0.1	0.01	3.6	0.09	7	0.5	0.1
KRC04004-027	48.5	49	0.5	0.4	29.1	6.5	88	0.2	12	15.3	438	4.05	16.3	0.2	0.5	1.4	52	0.2	0.2	0.1	70	1.27	0.051	2	22.9	0.77	56	0.064	1	1.92	0.045	0.16	0.1	0.01	4.2	0.05	5	0.5	0.1
KRC04004-028	54	54.7	0.7000000	0.5	34.4	12	101	0.4	9.5	14.1	772	4.44	13.4	0.2	0.5	1.5	46	0.4	0.1	0.1	53	0.98	0.049	2	16.4	0.97	83	0.081	1	2.13	0.043	0.12	0.1	0.01	4.3	0.05	7	0.5	0.1
KRC04004-029	54.7	55.1	0.4	0.5	30.5	18.8	126	0.4	7.7	14.8	1172	4.94	14	0.2	0.5	1.3	103	0.8	0.1	0.1	65	2.19	0.073	3	13.1	1.1	69	0.054	1	2.28	0.05	0.13	0.1	0.01	4.5	0.07	8	0.5	0.1
KRC04004-030	55.1	56.6	1.5	0.5	40.7	5.5	123	0.3	7.7	17.4	843	5.22	13.2	0.2	2	1.1	65	0.4	0.1	0.1	89	1.61	0.079	2	14.4	1.23	58	0.062	1	2.48	0.084	0.08	0.1	0.01	6.2	0.08	9	0.5	0.1
KRC04004-031	56.6	56.8	0.2	0.4	22.2	8.3	97	0.3	10.9	15.3	782	4.6	15.9	0.2	0.5	1.2	62	0.3	0.1	0.1	66	1.69	0.053	2	20.6	0.97	91	0.065	1	2.09	0.045	0.15	0.1	0.01	4.8	0.05	7	0.5	0.1
KRC04004-032	56.8	58	1.2	0.5	69.4	5.8	95	0.7	13.2	20.9	832	5.07	19.4	0.3	0.9	1.2	55	0.2	0.1	0.1	154	1.69	0.077	2	19.7	1.62	48	0.069	1	2.4	0.043	0.07	0.2	0.01	9.9	0.05	9	0.5	0.1
KRC04004-033	61.3	61.6	0.3000000	0.8	20	16.8	74	0.3	10.1	11.9	601	3.98	5.2	0.2	0.8	1.1	40	0.1	0.2	0.1	64	0.88	0.053	2	19.2	0.78	49	0.069	2	1.72	0.034	0.08	0.2	0.01	4.5	0.1	6	0.5	0.1
KRC04004-034	61.6	62	0.4	0.9	24.4	2.1	75	0.3	15.8	20.6	546	4.07	17.1	0.2	0.5	1.1	26	0.1	0.1	0.1	74	0.56	0.056	2	20.7	0.79	48	0.054	1	1.77	0.039	0.08	0.1	0.01	4.8	0.05	6	0.5	0.1
KRC04004-035	62	62.5	0.5	1	27.4	3.8	90	0.4	15.3	19	591	3.9	16.2	0.2	0.7	1.3	45	0.2	0.1	0.1	79	1.11	0.036	2	27.1	0.78	55	0.055	1	1.76	0.039	0.1	0.1	0.01	4.7	0.05	6	0.5	0.1
KRC04004-036	65.4	65.9	0.5	0.8	34.1	11.8	157	0.2	8.2	12.5	1062	4.24	10.2	0.3	0.8	1.6	55	1.1	0.1	0.1	27	1.39	0.081	9	9.9	0.98	47	0.017	1	2.01	0.008	0.17	0.1	0.01	2.3	0.05	5	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04004-037	65.9	66.2	0.3	32	584.2	546.1	934	63.5	6.8	14.1	1130	4.46	38.8	0.1	58	0.9	123	9.7	0.9	33.4	31	1.04	0.037	8	5.4	0.69	58	0.002	1	1.77	0.008	0.15	0.1	0.01	2.3	1.09	5	4.8	0.1
KRC04004-038	66.2	66.5	0.3	1.1	130.3	125.2	56	16.6	6	13	382	3.42	39.5	0.1	73	0.4	6	0.4	0.1	9.3	15	0.07	0.012	3	6.5	0.39	33	0.003	1	1.11	0.007	0.13	0.1	0.01	1.4	1.23	3	1.9	0.1
KRC04004-039	66.5	67.1	0.6	0.5	13.9	60.8	44	1.9	5	5.7	538	3.29	5.3	0.1	4.8	0.8	17	0.1	0.1	1.7	25	0.39	0.036	6	8.3	0.64	46	0.003	1	1.59	0.005	0.16	0.1	0.01	1.9	0.05	4	0.5	0.1
KRC04004-040	67.1	67.4	0.3000000	1.4	1.7	69.3	38	3.1	7	8.8	560	2.87	10.5	0.1	6.6	0.8	29	0.1	0.1	1.9	25	0.8	0.037	5	10.7	0.57	51	0.003	1	1.48	0.006	0.19	0.1	0.01	2	0.05	4	0.5	0.1
KRC04004-041	67.4	68.2	0.8	0.8	9.3	63.4	157	1.8	5.8	6.3	444	2.45	7.1	0.1	4.4	0.8	26	1.4	0.1	1.7	22	0.51	0.028	4	8.2	0.52	48	0.003	3	1.32	0.005	0.16	0.1	0.01	1.5	0.05	3	0.5	0.1
KRC04004-042	68.2	68.5	0.3	1.7	1.6	3.6	35	0.2	7.4	9.8	485	2.46	12.6	0.1	3.4	0.7	27	0.1	0.1	0.1	25	0.54	0.033	5	10.7	0.52	43	0.003	1	1.28	0.005	0.15	0.1	0.01	1.7	0.05	3	0.5	0.1
KRC04004-043	68.5	68.9	0.4000000	1.8	2	3.8	42	0.2	6.9	9	610	2.91	10.8	0.1	1.5	0.8	53	0.1	0.1	0.1	28	0.89	0.05	5	9	0.65	49	0.002	1	1.55	0.006	0.18	0.1	0.01	1.9	0.05	4	0.5	0.1
KRC04004-044	68.9	69.4	0.5	1.9	37.2	19.3	670	0.7	9.8	16.8	1610	6.26	17.9	0.2	3.2	0.8	93	5.8	0.2	0.7	70	3.08	0.148	5	4.1	1.66	62	0.005	1	2.9	0.006	0.21	0.1	0.01	3.5	0.2	9	0.5	0.1
KRC04004-045	69.4	69.7	0.3	0.3	23.1	7.7	124	0.3	6.6	10.9	1212	4.4	21.3	0.1	6.6	0.6	72	0.7	0.2	0.3	43	2.22	0.108	4	3.3	1.06	51	0.003	1	2.12	0.005	0.17	0.1	0.01	2.3	0.12	6	0.5	0.1
KRC04004-046	69.7	70.4	0.7000000	1.1	44.9	13.5	46	1.1	5.6	7.4	597	2.22	14.8	0.1	5.6	0.8	39	0.1	0.2	0.8	17	0.88	0.038	3	4.6	0.46	39	0.002	1	1.13	0.007	0.16	0.1	0.01	1.5	0.15	3	0.5	0.1
KRC04004-047	70.4	71.3	0.9	1	32.9	12.4	67	0.3	7.7	9.6	1299	3.46	9.6	0.2	2.3	1.2	96	0.2	0.1	0.1	24	1.96	0.049	5	8.2	0.75	67	0.01	1	1.81	0.01	0.23	0.1	0.01	2.2	0.05	4	0.5	0.1
KRC04004-048	71.3	72.1	0.8	0.7	25.5	16.2	65	0.3	8.3	11.2	1494	4.41	12.1	0.2	2.8	1.1	78	0.2	0.2	0.2	26	2.24	0.06	4	10.2	0.87	55	0.005	1	2.06	0.006	0.2	0.1	0.01	2.4	0.08	5	0.5	0.1
KRC04004-049	72.1	72.9	0.8000000	1.4	78.3	4.8	58	0.4	8.2	12.1	1182	3.77	17	0.3	13.4	1.2	133	0.1	0.2	0.1	25	1.86	0.055	4	7.8	0.81	59	0.004	1	1.93	0.008	0.18	0.1	0.01	2.2	0.16	5	0.5	0.1
KRC04004-050	72.9	73.7	0.8	1	16.3	4.2	60	0.1	9.7	13.8	741	3.63	14.7	0.2	1.9	1.4	177	0.1	0.2	0.1	26	1.12	0.063	6	8.1	0.81	102	0.003	1	1.9	0.01	0.19	0.1	0.01	2.2	0.05	5	0.5	0.1
KRC04004-051	73.7	74.7	1	3.3	486	394.1	4666	4.1	10.3	17.8	1946	4.4	80.7	0.1	1.4	0.5	213	76.2	0.4	1.8	26	3.6	0.017	3	5.8	0.78	43	0.002	1	1.73	0.005	0.08	0.2	0.01	2.4	0.93	5	4.2	0.1
KRC04004-052	74.7	75.6	0.9	1.3	61.7	14.8	115	0.8	18.9	23.8	770	3.85	30	0.3	1.5	1.3	44	0.9	0.2	0.1	44	1.57	0.073	6	14.1	0.84	68	0.037	1	1.85	0.019	0.18	0.1	0.01	2.5	0.09	4	0.5	0.1
KRC04004-053	75.6	76.1	0.5	0.6	30.7	15.4	90	0.3	9.7	13.5	1035	3.75	21.3	0.4	4.1	1.5	50	0.3	0.2	0.1	45	1.57	0.102	8	14.2	0.82	59	0.045	1	1.81	0.027	0.16	0.1	0.01	2.6	0.05	5	0.5	0.1
KRC04004-054	76.1	76.8	0.7000000	0.5	25.6	17	96	0.3	11.6	13.8	969	5.21	14.1	0.3	3	1.3	202	0.2	0.4	0.1	73	2.11	0.073	8	22.9	1.01	72	0.035	1	2.43	0.024	0.12	0.1	0.01	3.9	0.09	7	0.5	0.1
KRC04004-055	76.8	77.5	0.7000000	0.7	30.4	19.2	162	0.4	18.8	21.9	1022	6.35	44.2	0.4	9.7	1.4	82	0.6	0.2	0.1	111	1.86	0.08	9	33.3	1.17	43	0.032	1	2.67	0.023	0.12	0.1	0.01	5	0.06	8	0.5	0.1
KRC04004-056	77.5	78.4	0.9000000	0.7	448.7	75	899	4.1	10	14.3	737	3.96	19.6	0.2	5.6	1.3	64	3	0.6	0.1	35	2.1	0.039	5	10.1	0.83	53	0.034	1	1.81	0.021	0.14	0.1	0.01	3	0.41	6	1.1	0.1
KRC04004-057	78.4	79.7	1.3	0.6	32.8	204.1	81	0.5	10.5	14.8	800	3.59	24	0.2	6.7	1.2	134	0.3	0.3	0.1	43	1.27	0.045	3	13.6	0.84	78	0.029	1	1.8	0.034	0.14	0.1	0.01	3	0.11	5	0.5	0.1
KRC04004-058	79.7	80.5	0.8	0.5	46	113.1	143	0.5	8.9	12.7	807	3.68	15.5	0.2	6.3	1.2	119	1.3	0.4	0.1	35	2.16	0.045	3	9.5	0.85	61	0.012	1	1.99	0.028	0.15	0.1	0.01	2.9	0.14	6	0.5	0.1
KRC04004-059	86.4	87.4	1	0.6	21.6	48.5	79	0.7	12	17.2	1837	5.06	45.5	0.3	3.1	1.3	90	0.4	0.3	0.1	46	2.18	0.078	4	15.3	1.05	49	0.038	1	2.34	0.021	0.17	0.2	0.01	3.2	0.06	6	0.5	0.1
KRC04004-060	87.4	87.8	0.4	0.5	7.8	251.1	49	1.2	9.5	12.6	4045	4.39	2403	0.2	90.5	0.9	147	0.3	3	0.1	35	3.92	0.064	3	10.2	1.02	28	0.025	1	2.03	0.015	0.13	0.4	0.01	3.2	0.38	5	0.5	0.1
KRC04004-061	87.8	88.3	0.5	0.9	20	12.1	79	0.6	11.6	14.8	1681	4.61	37.7	0.3	3.9	1.4	160	0.2	0.4	0.1	43	2.42	0.069	6	13.5	0.91	71	0.034	1	2.18	0.02	0.18	0.2	0.01	3	0.07	6	0.5	0.1
KRC04004-062	88.3	89.2	0.9000000	0.6	20.4	7.6	71	0.2	9.7	14.4	1001	3.38	19.1	0.3	1.9	1.5	79	0.2	0.1	0.1	32	1.72	0.053	9	11.8	0.72	66	0.01	2	1.72	0.02	0.16	0.1	0.01	2.6	0.05	5	0.5	0.1
KRC04004-063	89.2	90.1	0.9	0.7	37.1	10.1	85	0.2	10.2	13.1	1196	4.27	40.2	0.3	2.6	1.5	102	0.2	0.1	0.1	45	1.69	0.056	9	15.6	0.87	78	0.019	1	2.01	0.029	0.16	0.1	0.01	3.1	0.06	6	0.5	0.1
KRC04004-064	90.1	90.4	0.3000000	0.5	17.3	96	143	0.2	5.6	8	1096	2.35	12.3	0.2	2.4	1.1	175	1.5	0.2	0.1	18	3.94	0.042	6	7.1	0.48	54	0.013	2	1.22	0.018	0.13	0.1	0.01	2	0.13	3	0.5	0.1
KRC04004-065	91.5	92.1	0.6	0.6	21.7	11.2	71	0.2	8.6	13.8	790	3.22	13	0.2	3.8	1.2	77	0.1	0.1	0.1	30	1.68	0.038	4	12.5	0.76	67	0.02	1	1.67	0.025	0.14	0.1	0.01	2.7	0.05	5	0.5	0.1
KRC04004-066	92.1	92.6	0.5	0.4	31.7	5.6	81	0.3	11.3	16.4	625	3.43	15.3	0.2	2.3	1.3	41	0.1	0.1	0.1	35	1.03	0.038	2	14.8	0.84	79	0.034	3	1.71	0.029	0.14	0.1	0.01	2.8	0.05	5	0.5	0.1
KRC04004-067	92.6	93.5	0.9000000	0.3	41.2	6.5	85	0.4	10.3	13.7	785	3.47	12.4	0.3	1.5	1.3	47	0.2	0.2	0.1	45	1.43	0.044	2	14	0.9	79	0.038	2	1.76	0.03	0.13	0.1	0.01	3.2	0.05	5	0.5	0.1
KRC04004-068	93.5	94.1	0.6	0.6	47	11.9	83	0.5	11.6	17.2	1184	3.59	119.9	0.3	7.4	1.3	64	0.2	0.4	0.1	34	1.58	0.043	3	12.9	0.84	82	0.025	1	1.77	0.031	0.16	0.1	0.01	2.8	0.1	5	0.5	0.1
KRC04004-069	94.1	94.3	0.2000000	0.7	13	6.9	86	0.2	7.5	10.4	907	3.4	7.7	0.3	2.3	1.3	62	0.2	0.1	0.1	37	1.98	0.038	2	13.9	0.81	72	0.033	1	1.64	0.028	0.12	0.9	0.01	3	0.05	5	0.5	0.1
KRC04004-070	95.5	96.3	0.8	0.7	18.9	14.7	80	0.3	7.4	10.7	890	3.25	50.4	0.3	7	1.2	45	0.2	0.2	0.1	36	1.32	0.035	2	13.4	0.79	69	0.029	2	1.6	0.028	0.12	0.4	0.01	3	0.05	5	0.5	0.1
KRC04004-071	103	103.3	0.3	1.6	21	35.7	62	0.4	6.1	11.8	6120	4.83	698.3	0.3	60.1	0.9	113	0.3	2.4	0.1	31	4.66	0.077	3	4.7	1.09	46	0.029	1	1.99	0.015	0.15	2	0.02	2.9	0.85	6	0.6	0.1
KRC04004-072	103.3	104	0.7000000	0.7	30.4	19.3	87	0.3	11.7	18.4	1486	3.88	34.2	0.3	3.4	1.4	64	0.6	0.2	0.1	33	2.32	0.06	3	11.4	0.87	58	0.037	1	1.96	0.021	0.21	0.7	0.01	2.7	0.06	5	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04004	129.9	280	-60	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04004-073	104	104.9	0.9000000	0.4	37.3	19.6	96	0.4	9.7	13.5	796	3.75	16	0.3	2	1.5	76	0.4	0.1	0.1	28	1.11	0.046	3	9.9	0.88	62	0.035	3	1.87	0.015	0.17	0.1	0.01	2.5	0.05	5	0.5	0.1
KRC04004-074	104.9	106	1.1	0.9	36	8.6	95	0.3	5.7	14	1171	4.46	23.7	0.3	1	1.2	130	0.3	0.1	0.1	51	2.8	0.091	4	6.9	1.14	51	0.027	1	2.19	0.021	0.14	0.1	0.01	3.1	0.05	7	0.5	0.1
KRC04004-075	106	107	1	0.4	62.9	12.8	102	0.4	5.7	10.6	987	3.52	9	0.2	1.6	1.3	99	0.5	0.1	0.1	39	2.3	0.046	4	11.2	0.87	77	0.027	1	1.82	0.032	0.17	0.1	0.01	3.2	0.05	6	0.5	0.1
KRC04004-076	107	108	1	0.3	28.3	6.4	90	0.2	9.4	14.1	825	3.78	11.6	0.3	1.2	1.4	77	0.3	0.1	0.1	36	1.52	0.041	3	12.6	0.93	79	0.041	3	1.88	0.022	0.18	0.1	0.01	3.1	0.05	6	0.5	0.1
KRC04004-077	108	109	1	0.3	28.4	8.8	82	0.2	8	11.3	680	3.86	8.2	0.3	1.2	1.4	57	0.3	0.1	0.1	36	1.34	0.043	3	11.8	0.91	96	0.045	1	1.88	0.026	0.19	0.1	0.01	3.2	0.05	5	0.5	0.1
KRC04004-078	109	109.2	0.2000000	0.4	70.4	5.1	79	0.5	9.3	15.6	519	4.43	22.7	0.2	5	1.3	42	0.2	0.1	0.3	31	1.13	0.036	2	10.1	0.94	88	0.031	1	1.91	0.018	0.16	0.1	0.01	2.8	0.5	5	0.8	0.1
KRC04004-079	112	112.6	0.6	0.6	13.5	3.7	60	0.2	10.3	16.7	722	2.9	19	0.3	3.4	1.4	56	0.3	0.1	0.1	42	1.55	0.052	4	13.4	0.64	61	0.032	2	1.48	0.037	0.14	0.1	0.01	3.3	0.05	4	0.5	0.1
KRC04004-080	125.3	126.3	1	0.6	18.8	6.9	86	0.2	8.3	10.8	728	3.83	8	0.3	0.7	1.5	61	0.3	0.1	0.1	31	0.95	0.019	3	10.6	0.84	73	0.052	1	1.94	0.013	0.24	0.1	0.01	2.7	0.05	5	0.5	0.1
KRC04004-081	126.3	127.1	0.8	1.7	149.9	14.2	67	1.4	34	20.8	1003	3.73	25.7	0.2	0.6	1.2	220	0.3	0.1	0.1	63	3.53	0.086	6	49.2	0.98	72	0.055	1	1.92	0.015	0.22	0.1	0.01	3.1	0.22	6	0.5	0.1
KRC04004-082	127.1	127.8	0.7000000	22.4	50.8	22.5	62	0.8	36.3	19.7	1257	3.7	57.7	0.4	2.7	1.5	630	0.2	1.2	0.6	32	3.09	0.096	7	31.1	0.96	172	0.04	1	2	0.017	0.18	0.1	0.01	2.8	0.66	5	0.8	0.2
KRC04004-083	127.8	128.4	0.6000000	3.5	45.6	54.7	44	0.8	10.9	21.1	1227	3.71	68.2	0.4	1.4	1.8	102	0.1	0.4	1	23	3.22	0.04	3	5.1	0.64	53	0.015	1	1.63	0.007	0.19	0.1	0.01	2.8	0.63	4	1	0.1
KRC04004-084	128.4	129.9	1.5	1.1	36.7	5.8	89	0.2	13.9	17.9	814	4.51	13.7	0.4	1.4	1.7	117	0.2	0.1	0.1	91	1.38	0.061	7	31.1	0.94	72	0.044	1	2.11	0.035	0.13	0.1	0.01	5	0.05	7	0.5	0.1

Appendix 3.4.7 - Geochemical Analysis

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
KRC04005	7.9	233	-53	499787	6070273	835	COMPLETE	20/10/2004	Tim Evans

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Mo ppm*	*Cu ppm*	*Pb ppm*	*Zn ppm*	*Ag ppm*	*Ni ppm*	*Co ppm*	*Mn ppm*	*Fe %*	*As ppm*	*U ppm*	*Au ppb*	*Th ppm*	*Sr ppm*	*Cd ppm*	*Sb ppm*	*Bi ppm*	*V ppm*	*Ca %*	*P %*	*La ppm*	*Cr ppm*	*Mg %*	*Ba ppm*	*Ti %*	*B ppm*	*Al %*	*Na %*	*K %*	*W ppm*	*Hg ppm*	*Sc ppm*	*S %*	*Ga ppm*	*Se ppm*	*Tl ppm*
KRC04005-001	0	0.9	0.9	0.6	28.9	165	274	2.6	119	21	1012	4.27	34.8	0.3	3.2	2.1	77	4.2	0.5	0.1	81	0.61	0.235	17	148.9	3.12	114	0.042	1	2.97	0.036	0.2	0.4	0.01	5.9	0.05	10	0.5	0.1
KRC04005-002	0.9	1.5	0.6	3.6	153.9	648.2	164	6.7	3.2	1.5	80	3.28	65.3	0.1	12360	0.1	55	1.4	1	0.3	6	0.01	0.005	1	8.5	0.06	50	0.001	1	0.2	0.01	0.03	0.2	0.01	0.4	0.27	1	1	0.1
KRC04005-003	1.5	1.8	0.3	1.1	98.7	695.4	79	1.4	6.6	3.5	397	2.44	11.8	0.1	465.1	0.3	28	0.4	0.5	0.2	11	0.03	0.017	1	16	0.25	29	0.002	1	0.53	0.008	0.05	0.2	0.01	0.6	0.05	2	0.5	0.1
KRC04005-004	1.8	2.7	0.9	0.4	101.6	290.3	317	0.8	9.2	10.6	713	3.39	20.5	0.3	93.5	1.6	15	7.4	0.4	0.1	20	0.32	0.052	6	9	0.76	62	0.051	1	1.6	0.008	0.21	0.5	0.01	2.1	0.05	4	0.5	0.1
KRC04005-005	2.7	3.5	0.8	0.7	70.1	22.2	285	0.5	13.4	15.8	679	3.09	23.4	0.3	9.6	1.8	11	4.3	0.3	0.1	21	0.2	0.051	5	6.5	0.64	83	0.057	2	1.63	0.008	0.31	0.6	0.01	2.3	0.05	4	0.5	0.1
KRC04005-006	3.5	4	0.5	1.4	62	15.3	140	0.9	20.4	21.1	636	3.6	51.7	0.2	2.8	1.4	51	1.7	0.4	0.1	28	1.5	0.067	5	11	0.77	63	0.047	3	1.67	0.018	0.24	0.2	0.01	2.7	0.05	4	0.5	0.1
KRC04005-007	4	5.1	1.1	0.8	24.9	10.9	94	0.4	12.2	12.1	491	2.89	22.5	0.2	0.5	1.4	50	1.3	0.2	0.1	20	1.47	0.048	5	7.9	0.69	84	0.048	2	1.6	0.023	0.32	0.3	0.01	2.2	0.05	4	0.5	0.1
KRC04005-008	5.1	6.1	1	0.5	36.5	10.5	99	0.5	17.2	18.4	489	3.28	38.7	0.3	0.5	2.1	28	0.9	0.3	0.1	26	1.19	0.051	6	7.8	0.71	67	0.047	2	1.62	0.017	0.24	0.1	0.01	2.3	0.05	4	0.5	0.1
KRC04005-009	6.1	7.2	1.1	0.3	31.7	7.3	96	0.4	12.5	17.2	498	3.81	26.6	0.2	1.4	1.7	29	0.4	0.2	0.1	27	1.24	0.041	4	8.6	0.86	58	0.045	1	1.81	0.012	0.2	0.1	0.01	2.3	0.05	5	0.5	0.1
KRC04005-010	7.2	7.9	0.7	0.3	35.5	8.9	86	0.5	12.9	14.8	472	3.67	20.4	0.2	1.6	1.3	33	0.2	0.2	0.1	37	1.39	0.043	4	13.9	0.86	68	0.044	2	1.86	0.022	0.24	0.1	0.01	2.9	0.05	5	0.5	0.1

APPENDIX IV

PHOTOGRAPHIC PLATES

Plate 1

Plate 2

C

F

D

G

E

H

Plates 1 and 2 captions

Photographs from the Kalum Property. **A)** Sample of massive arsenopyrite vein sampled near the Hat showing. **B)** Strongly mineralized quartz vein sampled near the Hat showing. **C)** Aerial view of the Bling and Rico showings; the Hat and Tojo showings are located at the top of the drainage. **D)** Strong carbonate alteration associated with quartz veining in the Mt. Allard tonalite; east of Tuppie zone. **E)** Northern extension of Tuppie vein, note intensely hornsfelsed sediments. **F)** Inspecting core at the Rico drill pad. **G)** View looking south over the Tuppie camp. **H)** Strongly mineralized quartz vein in KRC04001 diamond drill hole; intersection ran 106 g/T Au over 1 meter.

APPENDIX V

SAMPLE LOCATIONS AND DESCRIPTIONS

5.1 Rock Samples
5.2 Vein Samples

Appendix 5.1 Kalum 2004 Rock Sample Locations and Descriptions

Sample Number	Sample Date	Sample Type	Channel Length (m)	Sample Purpose	Elevation (m)	Easting (m)	Northing (m)	Rock Type	Minor Rock Type	Fresh Colour	Weathered Colour	Grain Size	Texture	Metamorphic Indicator	Mineralization	Alteration
BRKMR007	14/07/2004	ROCK		ANALYSIS		503624	6067864			grey	rusty	fine-medium		quartz	pyrite	
BRKMR008	14/07/2004	ROCK		ANALYSIS		503241	6067876	Granodiorite		grey	rusty			quartz	pyrite	
BRKMR009	14/07/2004	ROCK		ANALYSIS		503330	6067877			grey	rusty	fine-medium			pyrite	
BRKMR010	14/07/2004	ROCK		ANALYSIS		503329	6067859			tan	rusty	fine-medium			pyrite	
BRKMR011	14/07/2004	ROCK		ANALYSIS		503336	6067864			grey	rusty	medium		chlorite	pyrite	
BRKMR012	14/07/2004	ROCK		ANALYSIS		503512	6067770		Quartz Diorite	white	rusty	medium		quartz	pyrite	
BRKMR013	14/07/2004	ROCK		ANALYSIS		503517	6067760			grey				hornblende	pyrite	
BRKMR014	14/07/2004	ROCK		ANALYSIS		503627	6067541			grey	rusty	fine		quartz	chalcopyrite	
BRKMR015	15/07/2004	ROCK		ANALYSIS		502144	6067798			grey	rusty	fine				
BRKMR016	15/07/2004	ROCK		ANALYSIS		502064	6067842			black	purplish	very fine	none			
GHKMR015	12/07/2004	ROCK		ANALYSIS	1390	503918	6067919			grey	grey	fine	veined		chalcopyrite	NONE
GHKMR016	12/07/2004	ROCK		ANALYSIS	1305	503567	6068038			grey	rusty	fine-medium	veined			
GHKMR017	12/07/2004	ROCK		ANALYSIS	1300	503559	6068045			grey	rusty	fine	veined		galena	
GHKMR018	12/07/2004	ROCK		ANALYSIS	1290	503475	6068053			grey	grey	fine	veined		pyrrhotite	
GHKMR019	12/07/2004	ROCK		ANALYSIS	1295	503475	6068053			grey	rusty	fine	veined		chalcopyrite	
GHKMR020	12/07/2004	ROCK		ANALYSIS	1295	503264	6068036			grey green	rusty	fine	veined		pyrrhotite	
PWKMR024	12/07/2004	ROCK		ANALYSIS	1383	503906	6067992	Conglomerate		grey	rusty	fine	veined		galena	
PWKMR025	12/07/2004	ROCK		ANALYSIS	1345	503785	6068011	Conglomerate		grey	rusty	fine	veined		pyrrhotite	NONE
PWKMR026	12/07/2004	ROCK		ANALYSIS	1305	503379	6068076	Diorite		salt and pepper	salt and pepper	medium	massive	epidote	sphalerite	CHLORITE
PWKMR027	12/07/2004	ROCK		ANALYSIS	1302	503379	6068076	Conglomerate		grey	rusty	fine	veined		chalcopyrite	ANKERITE
PWKMR028	12/07/2004	ROCK		ANALYSIS	1300	502929	6067887	Granodiorite		grey	white	fine-medium	massive		pyrrhotite	CHLORITE
PWKMR029	13/07/2004	ROCK		ANALYSIS	1392	501102	6067560	Conglomerate		greenish	yellowish	fine-medium	fractured			
TTKMR002	12/07/2004	Float		ANALYSIS		504614	6067786	Argillite	Qtz Vein		greenish	fine	massive		arsenopyrite	
TTKMR003	12/07/2004	ROCK		ANALYSIS		504640	6067824	Argillite		black	purple	very fine	massive	biotite	arsenopyrite	
TTKMR004	12/07/2004	ROCK		ANALYSIS		504640	6067824	Argillite		black	purple	very fine	massive	biotite		
TTKMR005	12/07/2004	ROCK		ANALYSIS		504640	6067824	Argillite		black	purple	very fine	massive	biotite		
TTKMR006	12/07/2004	Rock		ANALYSIS		504640	6067829	Qtz Vein		white	greenish	fine	massive		arsenopyrite	
TTKMR007	12/07/2004	ROCK		ANALYSIS		504639	6067834	Qtz Vein		white	green	medium	massive		sphalerite	
TTKMR008	12/07/2004	ROCK		ANALYSIS		504698	6067813	Qtz Vein		white						
TTKMR009	12/07/2004	Channel	0.5	ANALYSIS		504689	6067836	Qtz Vein		white	orange	medium	vuggy		tetrahedrite	
TTKMR010	12/07/2004	ROCK		ANALYSIS		504374	6067976	Qtz Vein		white	orange	medium	vuggy		tetrahedrite	
TTKMR011	12/07/2004	ROCK		ANALYSIS		504403	6068157	Qtz Vein	Stockwork	white						SILICA
TTKMR012	12/07/2004	ROCK		ANALYSIS		504381	6068184	Qtz Vein		white	orange		Pinch and Swell			
TTKMR013	12/07/2004	ROCK		ANALYSIS		504392	6068162	Qtz Vein		white	orange		brecciated		sphalerite	
TTKMR014	12/07/2004	ROCK		ANALYSIS		504307	6068088	Qtz Vein		white			brecciated			SILICA
TTKMR015	13/07/2004	ROCK		ANALYSIS		504273	6068235	Argillite		black	purple	fine	brecciated			SILICA
TTKMR016	13/07/2004	ROCK		ANALYSIS		504314	6068333	Argillite		black	purple	fine	brecciated			SILICA
TTKMR017	13/07/2004	ROCK		ANALYSIS		503912	6068712	Greywacke		dark	purple	fine	brecciated		sphalerite	SILICA
TTKMR018	13/07/2004	Channel	0.6	ANALYSIS		503931	6068706	Qtz Vein	Stockwork				brecciated		sphalerite	
TTKMR019	13/07/2004	ROCK		ANALYSIS		503956	6068681	Qtz Vein	Stockwork				brecciated		sphalerite	
TTKMR001	12/07/2004	ROCK		ANALYSIS		504309	6067633	Tonalite	Qtz Vein			fine			pyrite	NONE
BRKMR018	18/07/2004	ROCK		ANALYSIS		504920	6067247				salmon	coarse				ANKERITE
BRKMR017	18/07/2004	ROCK		ANALYSIS		504829	6067495			white	rusty	fine-medium			Quartz	
CGKMR010	12/07/2004	ROCK		ANALYSIS		504647	6068142	Mudstone		Rusty	black	very fine	Massive		pyrite	SILICIFICATION
CGKMR011	12/07/2004	ROCK		ANALYSIS		504640	6068166	Mudstone		Rusty	black	very fine	massive		pyrite	SILICIFICATION
CGKMR012	12/07/2004	ROCK		ANALYSIS		504507	6068179	Mudstone	Carbonate	rusty	black	very fine	fractured		pyrite	silicification
CGKMR013	12/07/2004	ROCK		ANALYSIS		504412	6068134	Mudstone	Carbonate	rusty	black	very fine	fractured		pyrite	silicification
CGKMR014	13/07/2004	ROCK		ANALYSIS		504525	6068114	Mudstone		Rusty	black	very fine	Fractured		pyrite	SILICIFICATION
CGKMR015	13/07/2004	ROCK		ANALYSIS		504525	6068114	Mudstone		Rusty	black	very fine	Fractured		pyrite	SILICIFICATION
CGKMR016	13/07/2004	ROCK		ANALYSIS		504472	6068236	Mudstone		Rusty	black	very fine			pyrite	SILICIFICATION

Appendix 5.1 Kalum 2004 Rock Sample Locations and Descriptions

Sample Number	Sample Date	Sample Type	Channel Length (m)	Sample Purpose	Elevation (m)	Easting (m)	Northing (m)	Rock Type	Minor Rock Type	Fresh Colour	Weathered Colour	Grain Size	Texture	Metamorphic Indicator	Mineralization	Alteration
CGKMR017	13/07/2004	ROCK		ANALYSIS		504462	6068250	Mudstone		Rusty	black	Fine			pyrite	SILICIFICATION
CGKMR018	13/07/2004	ROCK		ANALYSIS		504492	6068253	Conglomerate		Green	grey	fine	fractured			
CGKMR019	13/07/2004	ROCK		ANALYSIS		504492	6068253	Conglomerate		Green	grey	fine	fractured			
CGKMR020	13/07/2004	ROCK		ANALYSIS		504492	6068253	Conglomerate		Green	grey	fine	fractured			
CGKMR021	17/07/2004	ROCK		ANALYSIS		504833	6068199	Cont	Greywacke							
BRKMR019	25/07/2004	ROCK		ANALYSIS	1100	499699	6070646			greyish	reddish	fine			pyrite	CLAY
GHKMR031	25/07/2004	ROCK		ANALYSIS	945	499686	6070406									
GHKMR030	25/07/2004	ROCK		ANALYSIS	945	499688	6070406									
GHKMR029	25/07/2004	ROCK		ANALYSIS	945	499690	6070406									
GHKMR028	25/07/2004	ROCK		ANALYSIS	945	499692	6070406									
GHKMR027	25/07/2004	ROCK		ANALYSIS	950	499693	6070436									
GHKMR026	25/07/2004	ROCK		ANALYSIS	950	499695	6070436									
GHKMR025	25/07/2004	ROCK		ANALYSIS	945	499697	6070346			grey	rusty	fine	massive			
JCKMR016	29/07/2004	ROCK		ANALYSIS		511460	6070597								pyrite	
PWKMR062	26/07/2004	Channel		ANALYSIS		507090	6066729	Conglomerate		grey	rusty	fine	veined		Quartz	CLAY
GHKMR033	18/08/2004	ROCK		ANALYSIS	1281	506199	6068143			rusty	rusty	medium	altered		pyrite	CARBONATE
GHKMR034	18/08/2004	ROCK		ANALYSIS	1284	506184	6068150			white		coarse	altered		pyrite	CARBONATE
GHKMR035	18/08/2004	ROCK		ANALYSIS	1402	506478	6068406			grey	orangish	medium	altered		moly	CARBONATE
TTKMR011A	12/07/2004	Channel	1	ANALYSIS		504403	6068157	Qtz Vein	Stockwork	white						SILICA
PWKMR063	26/07/2004	Channel		ANALYSIS		507090	6066729	Conglomerate		grey	rusty	fine	veined		Quartz	CLAY
JCKMR005	29/06/2004	ROCK		ANALYSIS		500984	6072046									
JCKMR004	29/06/2004	ROCK		ANALYSIS		500981	6072030									
JCKMR003	29/06/2004	ROCK		ANALYSIS		500975	6072016									
JCKMR002	29/06/2004	ROCK		ANALYSIS		500975	6072016									
GHKMR008	03/07/2004	ROCK		ANALYSIS	1370	506561	6068812									
GHKMR007	03/07/2004	ROCK		ANALYSIS	1428	506481	6068440									
GHKMR006	03/07/2004	ROCK		ANALYSIS	1425	506472	6068425									
GHKMR005	03/07/2004	ROCK		ANALYSIS	1440	506491	6068039									
GHKMR004	03/07/2004	ROCK		ANALYSIS	1425	505567	6068001									
GHKMR003	03/07/2004	ROCK		ANALYSIS	1420	505566	6068001									
GHKMR002	03/07/2004	ROCK		ANALYSIS	1405	505444	6067993		Granodiorite							
GHKMR009	04/07/2004	ROCK		ANALYSIS	1120	502319	6073310									
JCKMR001	23/06/2004	ROCK		ANALYSIS	805	506498	6066567									
GHKMR001	22/06/2004	ROCK		ANALYSIS	810	506499	6066565									
CGKMR004	24/06/2004	ROCK		ANALYSIS		499750	6070267	Sediments		white	reddish	fine-medium	brecciated		pyrite	CLAY
CGKMR003	24/06/2004	ROCK		ANALYSIS		499783	6070126	Sediments		grey green	rusty	fine	brecciated	chlorite	pyrite	NONE
CGKMR002	24/06/2004	ROCK		ANALYSIS		499783	6070126	Sediments		grey green	rusty	fine	brecciated	chlorite	pyrite	NONE
BRKMR003	08/07/2004	ROCK		ANALYSIS												
PWKMR023	08/07/2004	ROCK		ANALYSIS		511351	6064640	Conglomerate		grey	orangish	fine	fractured		pyrite	
PWKMR020	06/07/2004	ROCK		ANALYSIS		509674	6064966	Mudstone		grey	white	very fine	foliated		none	
CGKMR005	09/07/2004	ROCK		ANALYSIS		499702	6070325	Conglomerate	Greywacke	black	rusty	fine	fractured	chlorite	pyrite	ARGILLITIC
CGKMR006	09/07/2004	ROCK		ANALYSIS		499702	6070325	Conglomerate	Greywacke	black	rusty	fine	fractured	chlorite	pyrite	ARGILLITIC
CGKMR007	09/07/2004	ROCK		ANALYSIS		499702	6070325	Conglomerate		dark	Rusty	fine	fractured	chlorite	galena	SILICIFICATION
CGKMR008	09/07/2004	ROCK		ANALYSIS		499702	6070325	Conglomerate		dark	Rusty	fine	fractured	chlorite	galena	SILICIFICATION
CGKMR009	09/07/2004	ROCK		ANALYSIS		499700	6070413	Conglomerate		dark	rusty	fine	Fractured	chlorite	pyrite	SILICIFICATION
GHKMR024	18/07/2004	ROCK		ANALYSIS		505009	6067104				grey	medium-coars	altered		Quartz	ANKERITE
GHKMR023	18/07/2004	ROCK		ANALYSIS		504993	6067178			greyish	rusty	fine-medium	veined		chalcopyrite	
GHKMR021	14/07/2004	ROCK		ANALYSIS	1280	503067	6067884			greyish	rusty	fine	altered		pyrite	SILICIFICATION
BRKMR001	12/07/2004	ROCK		ANALYSIS		504539	6067468			white	rusty					
BRKMR002	12/07/2004	ROCK		ANALYSIS	1380	504652	6067433			white	grey	coarse			pyrite	

Appendix 5.1 Kalum 2004 Rock Sample Locations and Descriptions

Sample Number	Sample Date	Sample Type	Channel Length (m)	Sample Purpose	Elevation (m)	Easting (m)	Northing (m)	Rock Type	Minor Rock Type	Fresh Colour	Weathered Colour	Grain Size	Texture	Metamorphic Indicator	Mineralization	Alteration
BRKMR004	12/07/2004	ROCK		ANALYSIS		504872	6067185			rusty		medium-coarse				
BRKMR005	12/07/2004	ROCK		ANALYSIS		504734	6067368			tan	rusty			hornblende	pyrrhotite	
BRKMR006	12/07/2004	ROCK		ANALYSIS		504522	6067674			tan	black					
MMI04-47-10b	01/08/2004	ROCK		ANALYSIS		504653	6067933									
JCKMR006	11/07/2004	ROCK		ANALYSIS		504804	6067501								galena	
JCKMR007	12/07/2004	ROCK		ANALYSIS		504804	6067501									
JCKMR008	12/07/2004	ROCK		ANALYSIS		504307	6067504									
JCKMR009	12/07/2004	ROCK		ANALYSIS		504306	6067502									
JCKMR010	12/07/2004	ROCK		ANALYSIS		504307	6067504									
JCKMR011	12/07/2004	ROCK		ANALYSIS		504307	6067504			rusty					chalcopyrite	
JCKMR012	12/07/2004	ROCK		ANALYSIS	1500	504993	6067894								pyrrhotite	ANKERITE
JCKMR013	12/07/2004	ROCK		ANALYSIS	1550	505016	6067961				orangish				pyrite	ANKERITE
JCKMR014	12/07/2004	ROCK		ANALYSIS	1560	504979	6067949	Granodiorite			brownish	medium				NONE
JCKMR015	12/07/2004	ROCK		ANALYSIS	1575	504834	6067919			bluish	brownish					
GHKMR032	17/08/2004	ROCK		ANALYSIS		505199	6068076			orangish	orangish	medium-coars	altered		pyrite	ANKERITE
PWKMR064	26/07/2004	Channel		ANALYSIS		507090	6066729	Conglomerate		grey	rusty	fine	veined		Quartz	CLAY
PWKMR065	26/07/2004	ROCK		ANALYSIS		507177	6066686	Mudstone		grey	rusty	fine	massive		none	
JCKMR017	29/07/2004	ROCK		ANALYSIS		506056	6068023									
JCKMR018	29/07/2004	ROCK		ANALYSIS		506169	6068154									
JCKMR019	29/07/2004	ROCK		ANALYSIS		506697	6068615									
JCKMR020	29/07/2004	ROCK		ANALYSIS		506857	6069828									
MMI04-45-7	01/08/2004	ROCK		ANALYSIS		512513	6066613									
MMI04-46-2	01/08/2004	ROCK		ANALYSIS		507629	6070641									
MMI04-48-12	01/08/2004	ROCK		ANALYSIS		499682	6071796									
MMI04-49-8b	01/08/2004	ROCK		ANALYSIS		499602	6071658									
JCKMR021	29/07/2004	ROCK		ANALYSIS		499681	6071500	Diorite		grey	orange					CARBONATE
JCKMR022	29/07/2004	ROCK		ANALYSIS		499646	6071536	Granodiorite		grey	orange					CARBONATE
JCKMR023	29/07/2004	ROCK		ANALYSIS		499520	6071500	Fault Gauge					brecciated		arsenopyrite	
MMI04-46-4	01/08/2004	ROCK		ANALYSIS		506696	6070408									
MMI04-46-7	01/08/2004	ROCK		ANALYSIS		506431	6069547									
MMI04-46-8	01/08/2004	ROCK		ANALYSIS		506539	6069552									
MMI04-47-10	01/08/2004	ROCK		ANALYSIS		504653	6067933									
MMI04-47-6	01/08/2004	ROCK		ANALYSIS		504352	6067713									
MMI04-47-8	01/08/2004	ROCK		ANALYSIS		504609	6068011									
MMI04-48-10	01/08/2004	ROCK		ANALYSIS		499833	6071878									
MMI04-48-12b	01/08/2004	ROCK		ANALYSIS		499682	6071796									
MMI04-48-13	01/08/2004	ROCK		ANALYSIS		499559	6071473									
MMI04-48-14	01/08/2004	ROCK		ANALYSIS		499610	6071522									
MMI04-48-14b	01/08/2004	ROCK		ANALYSIS		499610	6071522									
MMI04-48-2	01/08/2004	ROCK		ANALYSIS		501186	6071889									
MMI04-48-3	01/08/2004	ROCK		ANALYSIS		501275	6072040									
MMI04-48-5	01/08/2004	ROCK		ANALYSIS		500882	6072123									
MMI04-48-8	01/08/2004	ROCK		ANALYSIS		500112	6072275									
MMI04-49-2	01/08/2004	CHANNEL	0.76	ANALYSIS		500274	6071433									
MMI04-49-4	01/08/2004	ROCK		ANALYSIS		500186	6071472									
MMI04-49-5	01/08/2004	CHANNEL	0.77	ANALYSIS		500180	6071552									
MMI04-49-8	01/08/2004	ROCK		ANALYSIS		499602	6071658									
MMI04-49-9	01/08/2004	ROCK		ANALYSIS		499620	6071620									
MMI04-50-5	01/08/2004	ROCK		ANALYSIS		515131	6072073									
MMI04-50-8	01/08/2004	ROCK		ANALYSIS		515806	6076935									

Appendix 5.1 Kalum 2004 Rock Sample Locations and Descriptions

Sample Number	Sample Date	Sample Type	Channel Length (m)	Sample Purpose	Elevation (m)	Easting (m)	Northing (m)	Rock Type	Minor Rock Type	Fresh Colour	Weathered Colour	Grain Size	Texture	Metamorphic Indicator	Mineralization	Alteration
MMI04-52-12	01/08/2004	ROCK		ANALYSIS		523340	6075010									
MMI04-52-14	01/08/2004	ROCK		ANALYSIS		523228	6074958									
MMI04-52-15	01/08/2004	ROCK		ANALYSIS		522686	6074653									
MMI04-52-2	01/08/2004	CHANNEL	1	ANALYSIS		504643	6067955									
MMI04-52-4	01/08/2004	ROCK		ANALYSIS		499669	6071516									
MMI04-52-9	01/08/2004	ROCK		ANALYSIS		522895	6074846									
RFR04-3-13	01/08/2004	ROCK		ANALYSIS		521922	6074080									
RFR04-3-9	01/08/2004	ROCK		ANALYSIS		521841	6073893									

Appendix 5.2 - Kalum 2004 Vein Sample Locations and Descriptions

Sample Number	Date	Type	Channel (m)	Prupose	Loc Method	Elev (m)	Easting (m)	Northing (m)	Vein Width (cm)	Density (/m)	Strike (RHR)	Dip	Colour	Grain Size	Texture	Mineral 1	Mineral 2	Mineral 3	Lim (%)	Py (%)	Cpy (%)	Aspy (%)	Gal (%)	Sph (%)	Alteration Type	Alteration Setting
CGKMV006	23/06/2004	VEIN		ANALYSIS			504237	6067368	2				white	medium-coarse	BRECCIA	Quartz										
CGKMV008	23/06/2004	VEIN		ANALYSIS			504237	6067368	15				rusty	medium-coarse	STOCKWORK	Quartz										
CGKMV009	23/06/2004	VEIN		ANALYSIS			504223	6067416	5				Orange	fine	COMB	Quartz										
CGKMV010	23/06/2004	FLOAT		ANALYSIS			504223	6067416	5				Orange	fine	COMB	Quartz										
CGKMV011	23/06/2004	VEIN		ANALYSIS			504239	6067424					Rusty	fine	VUGGED	Quartz					0.1					
CGKMV018	26/06/2004	VEIN		ANALYSIS	MAP		501377	6072797	1		261	81	White	medium	SHEETED	Quartz				1	0.1	1				
CGKMV019	26/06/2004	VEIN		ANALYSIS	MAP		501377	6072797	5		21	21	white	fine	BOUDINAGE	Quartz										
CGKMV020	26/06/2004	VEIN		ANALYSIS	MAP		501397	6072796	75		259	6	green	medium	COMB	Quartz				0.1		10				
CGKMV021	26/06/2004	VEIN		ANALYSIS	MAP		501397	6072796	4		269	6	green	medium	SHEETED	Quartz				0.1		10	0.1			
CGKMV022	26/06/2004	VEIN		ANALYSIS	MAP		501433	6072798	4		27	69	white	medium	SHEARED	Quartz				0.1		1	1			
CGKMV023	26/06/2004	VEIN		ANALYSIS	MAP		501475	6072803	35		248	8	yellowish	medium	MASSIVE	Quartz				0.1			0.1	0.1		
CGKMV024	26/06/2004	VEIN		ANALYSIS	MAP		501490	6072807	25		26	73	Orange	medium	MASSIVE	Quartz				0.1		0.1		0.1		
CGKMV025	26/06/2004	VEIN		ANALYSIS	MAP		501505	6072812	3		261	65	white	medium	SHEETED	Quartz						1				
CGKMV026	26/06/2004	VEIN		ANALYSIS	MAP		501505	6072812	3		261	65	white	medium	SHEETED	Quartz						1				
CGKMV027	26/06/2004	VEIN		ANALYSIS	MAP		501505	6072812	6		261	65	yellowish	fine	SHEARED	Quartz				0.1		3				
CGKMV028	26/06/2004	VEIN		ANALYSIS	MAP		501505	6072812	6		261	65	yellowish	fine	SHEARED	Quartz				0.1		3				
CGKMV029	26/06/2004	VEIN		ANALYSIS	MAP		501505	6072812	5		286	49	white	medium	MASSIVE	Quartz										
CGKMV030	26/06/2004	VEIN		ANALYSIS	MAP		501517	6072815	7		273	9	yellow	medium	SHEETED	Quartz						0.1	10			
CGKMV031	26/06/2004	VEIN		ANALYSIS	MAP		501517	6072815	7		273	9	yellow	medium	SHEETED	Quartz						0.1	10			
CGKMV032	26/06/2004	VEIN		ANALYSIS	MAP		501546	6072817	12		264	79	white	coarse	MASSIVE	Quartz						0.1	1			
BRKMV011	19/07/2004	VEIN		ANALYSIS	GPS		503534	6067546	8	1	25	24	White	medium		Quartz										
BRKMV010	18/07/2004	VEIN		ANALYSIS	GPS		505730	6067831	13	4	29	51	White	fine-medium		Quartz									ANKERITE	
BRKMV009	18/07/2004	VEIN		ANALYSIS	GPS		505730	6067781	1	3	313	43	White	medium		Quartz									ANKERITE	
BRKMV008	18/07/2004	VEIN		ANALYSIS	GPS		505818	6067797	7		298	48	White	fine-medium		Quartz									ANKERITE	
PWKMV044	19/07/2004	VEIN		ANALYSIS	MAN		503289	6068586	5	2	341	4	white	medium-coarse	STOCKWORK	Quartz				1					CHLORITE	
PWKMV043	19/07/2004	VEIN		ANALYSIS	MAN		503289	6068586	3	1	166	8	rusty	coarse	SHEETED	Quartz				0.1		0.1				
PWKMV042	19/07/2004	VEIN		ANALYSIS	MAN		503289	6068586	3	1	166	8	rusty	coarse	SHEETED	Quartz				0.1		0.1				
PWKMV040	18/07/2004	VEIN		ANALYSIS	MAN		504052	6068829	5	1	313	58	milky	medium-coarse	STOCKWORK	Quartz	Calcite					0.1		0.1		
PWKMV041	19/07/2004	FLOAT		ANALYSIS	MAN		503296	6068588					greenish	medium	SHEARED	Quartz				0.1		1		0.1		
CGKMV060	19/07/2004	VEIN		ANALYSIS	MAN		504325	6068407	3	1	347	67	brownish	coarse	FRACTURED	Quartz	Calcite			0.1		0.1		0.1	SILICIFICATION	HANGING
CGKMV037	11/07/2004	VEIN		ANALYSIS			503765	6067325	4	3	75	6	blue	very coarse	MASSIVE	Quartz	Kspar	Bt								
CGKMV038	11/07/2004	VEIN		ANALYSIS			503755	6067033	4	1	38	45			SHEARED	Quartz										
CGKMV039	11/07/2004	VEIN		ANALYSIS			503723	6067058	3	1				very coarse	SHEARED	Quartz										
CGKMV040	11/07/2004	VEIN		ANALYSIS			503706	6067062	4	1					SHEARED	Quartz										
CGKMV041	12/07/2004	VEIN		ANALYSIS			504632	6067912	3	1	311	78		coarse	STOCKWORK	Quartz				1		0.1	0.1	3		
CGKMV042	12/07/2004	VEIN		ANALYSIS			504632	6067912	3	1	311	78		coarse	STOCKWORK	Quartz				1		0.1	0.1	3		
CGKMV043	12/07/2004	VEIN		ANALYSIS			504507	6068179	3	1			tan	very coarse	SHEETED	Quartz	Calcite			0.1		1		0.1		
CGKMV045	12/07/2004	VEIN		ANALYSIS			504507	6068179	5	1						Quartz	Calcite			0.1		0.1				
CGKMV044	13/07/2004	VEIN		ANALYSIS			504525	6068114	25	1	149	9	yellow	very coarse	SHEETED	Quartz	Calcite					10				
CGKMV046	13/07/2004	VEIN		ANALYSIS			504462	6068250	15	1	155	9			STOCKWORK	Quartz	Calcite			0.1						
CGKMV047	13/07/2004	VEIN		ANALYSIS			504492	6068253	3	1			rusty	coarse	MASSIVE	Quartz			1	0.1				3		
CGKMV048	13/07/2004	VEIN		ANALYSIS			504492	6068253	4	1	346	8	Rusty	coarse	SHEETED	Quartz				1	0.1		0.1	0.1		
CGKMV049	13/07/2004	VEIN		ANALYSIS			504492	6068253	1	2					STOCKWORK	Quartz	Calcite		1	1				1		
CGKMV050	13/07/2004	VEIN		ANALYSIS			504492	6068253	4	1					STOCKWORK	Quartz	Calcite			0.1		1	0.1			
CGKMV051	16/07/2004	VEIN		ANALYSIS			504196	6067505	18	2			Rusty	coarse	SHEARED	Quartz			1							
CGKMV052	16/07/2004	VEIN		ANALYSIS			504210	6067514	6				rusty	coarse	SHEETED	Quartz						1		0.1		
CGKMV053	17/07/2004	VEIN		ANALYSIS			504833	6068199	4	1			Yellow	medium-coarse	SHEETED	Quartz						3				
CGKMV054	17/07/2004	VEIN		ANALYSIS			504833	6068199	4	1			Yellow	medium-coarse	SHEETED	Quartz						3				
CGKMV055	17/07/2004	VEIN		ANALYSIS			504820	6068297	18	1					STOCKWORK	Quartz	Calcite									
BRKMV013	25/07/2004	VEIN		ANALYSIS	GPS		499753	6070445	5	5	1	78	White	fine-medium		Quartz										FOOT

Appendix 5.2 - Kalum 2004 Vein Sample Locations and Descriptions

Sample Number	Date	Type	Channel (m)	Prupose	Loc Method	Elev (m)	Easting (m)	Northing (m)	Vein Width (cm)	Density (/m)	Strike (RHR)	Dip	Colour	Grain Size	Texture	Mineral 1	Mineral 2	Mineral 3	Lim (%)	Py (%)	Cpy (%)	Aspy (%)	Gal (%)	Sph (%)	Alteration Type	Alteration Setting
BRKMV012	25/07/2004	VEIN		ANALYSIS	GPS		499751	6070448	4	4	12	88	White	fine-medium		Quartz				1	0.1					FOOT
GHKMV020	17/08/2004	VEIN		ANALYSIS	GPS	1453	505199	6068076	8	7	86	57	White	medium	STOCKWORK	Quartz				1			0.1			
GHKMV021	17/08/2004	VEIN		ANALYSIS	GPS	1324	505340	6068262	4	1	11	58	white	medium	FRACTURED	Quartz							1			
GHKMV022	17/08/2004	VEIN		ANALYSIS	GPS	1355	505567	6068161	1	7	2	66	White	medium-coarse	STOCKWORK	Quartz				0.1						
GHKMV023	17/08/2004	VEIN		ANALYSIS	GPS		505588	6068068	15	1	8	53	White	medium	SHEETED	Quartz					1		3	10		
PWKMV058	25/07/2004	VEIN		ANALYSIS	MAN		499725	6070464	12	3	142	8	white	medium	STOCKWORK	Quartz				0.1		3		0.1		
PWKMV059	25/07/2004	VEIN		ANALYSIS	MAN		499725	6070464	12	3	142	8	white	medium	STOCKWORK	Quartz				0.1		3		0.1		
PWKMV060	25/07/2004	VEIN		ANALYSIS	MAN		499747	6070456	3	5	334	77	white	medium	STOCKWORK	Quartz										
PWKMV061	25/07/2004	VEIN		ANALYSIS	MAN		499691	6070642	15	1	246	65	white	medium-coarse	BULL	Quartz	Calcite									
PWKMV062	25/07/2004	VEIN		ANALYSIS	MAN		499657	6070700	1	3	241	82	white	medium-coarse	STOCKWORK	Quartz	Calcite								CLAY	HANGING
PWKMV063	26/07/2004	VEIN		ANALYSIS	MAN		507197	6066711	4	1	75	63	white	medium	SHEETED	Quartz				0.1			0.1			
PWKMV064	26/07/2004	VEIN		ANALYSIS	MAN		507177	6066686	275	1	265	5	white	medium	STOCKWORK	Quartz				1	1	3	3	1		
PWKMV065	26/07/2004	VEIN		ANALYSIS	MAN		507177	6066686	275	1	265	5	white	medium	STOCKWORK	Quartz				1	1	3	3	1		
JCKMV007	17/08/2004	VEIN	0	ANALYSIS	GPS		505168	6068011	3		76	62				Quartz										
PWKMV066	26/07/2004	Channel	0.5	ANALYSIS	MAN		507177	6066686	275	1	265	5	white	medium	STOCKWORK	Quartz				1	1	3	3	1		
PWKMV067	26/07/2004	VEIN		ANALYSIS	MAN		507059	6066737	1	1	315	8	white	medium	SHEETED	Quartz							0.1			
PWKMV068	26/07/2004	VEIN		ANALYSIS	MAN		507043	6066734	1	1			white	medium	SHEETED	Quartz										
GHKMV025	18/08/2004	VEIN		ANALYSIS	GPS		506072	6068029	4	3	15	48	White	medium	SHEETED	Quartz							1			
GHKMV026	18/08/2004	VEIN		ANALYSIS	GPS	1385	506658	6068597	6	2	11	2	White	medium	STOCKWORK	Quartz				0.1						
GHKMV027	18/08/2004	VEIN		ANALYSIS	GPS	1361	506770	6068582	4	6	18	9	White	medium	STOCKWORK	Quartz										
GHKMV028	18/08/2004	VEIN		ANALYSIS			506763	6069535	9	1	24	4	White	medium-coarse	STOCKWORK	Quartz					1	0.1				
JCKMV008	17/08/2004	VEIN	0	ANALYSIS	GPS		505194	6068104	8		74	64				Quartz										
JCKMV009	17/08/2004	VEIN	0	ANALYSIS	GPS		505250	6068240	35		116	3				Quartz										
JCKMV010	17/08/2004	VEIN	0	ANALYSIS	GPS		505548	6068206			331	36				Quartz										
JCKMV011	17/08/2004	VEIN	0	ANALYSIS	GPS		505551	6068110	5		312	5				Quartz										
JCKMV012	17/08/2004	VEIN	0	ANALYSIS	GPS		505698	6067970	4		151	48				Quartz										
JCKMV013	18/08/2004	VEIN	0	ANALYSIS	GPS		506671	6068623	14		252	58				Quartz										
JCKMV014	18/08/2004	VEIN	0	ANALYSIS	GPS		506697	6068615			17	54				Quartz										
JCKMV015	19/08/2004	Float		ANALYSIS	GPS		499750	6072880					grey	medium-coarse	massive	Quartz						10				
JCKMV016	19/08/2004	VEIN		ANALYSIS	GPS		499720	6071811					white			Quartz				1			1			
JCKMV017	19/08/2004	Channel	1	ANALYSIS	GPS		499630	6071769								Quartz					1		1	1		
JCKMV018	20/08/2004	Channel	1	ANALYSIS	GPS		499681	6071500	1		278	49		medium	massive	Quartz					1		1	1		
JCKMV019	20/08/2004	VEIN		ANALYSIS	GPS		499678	6071515	1		278	49				Quartz										
JCKMV020	20/08/2004	VEIN		ANALYSIS	GPS		499655	6071522	15		278	49			massive	Quartz					1	10	1	1		
JCKMV021	20/08/2004	Channel	2	ANALYSIS	GPS		499646	6071536	2		278	49				Quartz					1	10	1	1		
JCKMV022	20/08/2004	VEIN		ANALYSIS	GPS		499582	6071530					white	medium	massive	Quartz							1			
JCKMV023	20/08/2004	VEIN		ANALYSIS	GPS		499639	6071568	3				white	medium-coarse	massive	Quartz					1		1	1		
PWKMV016	08/07/2004	VEIN		ANALYSIS	LS	285	511344	6064843	4	1	8	9	White	medium-coarse	BULL	Quartz										
PWKMV010	01/07/2004	VEIN		ANALYSIS	MAN		501560	6073741	1	3	114	6	yellowish	coarse	STOCKWORK	Quartz				1		10	1		ANKERITE	
PWKMV009	30/06/2004	VEIN		ANALYSIS	MAN		502547	6074104	75		327	9	white	medium-coarse	SHEETED	Quartz										
PWKMV011	30/06/2004	FLOAT		ANALYSIS	MAN		502093	6073674								Quartz										
PWKMV008	03/07/2004	VEIN		ANALYSIS	MAN		501513	6073811	5	7	158	45	brownish	medium-coarse	SHEETED	Quartz					0.1		0.1		SERICITE	
PWKMV007	03/07/2004	VEIN		ANALYSIS	MAN		501551	6073772	7	3	158	6	white	coarse	SHEETED	Quartz			0.1		0.1	3	0.1		ANKERITE	
PWKMV006	03/07/2004	FLOAT		ANALYSIS	MAN		501629	6073562					white	medium-coarse	VUGGED	Quartz				0.1		0.1	10			
CGKMV036	09/07/2004	VEIN		ANALYSIS	MAN		499757	6070306	2	1	292	7	white	medium	SHEETED	Quartz			1	1					ARGILLITE	HANGING
CGKMV035	09/07/2004	VEIN		ANALYSIS	MAN		499757	6070306	7	1	292	7	Rusty	medium	FRACTURED	Quartz			1	1					ARGILLITE	HANGING
CGKMV005	23/06/2004	VEIN		ANALYSIS			504237	6067368	2				white	coarse	VUGGED	Quartz	Bt			0.1						
CGKMV007	23/06/2004	FLOAT		ANALYSIS			504237	6067368	2				white	coarse	VUGGED	Quartz	Bt			0.1						
PWKMV005	29/06/2004	VEIN		ANALYSIS	MAN		501040	6072046	2	4	28	15	white	coarse	STOCKWORK	Quartz	Calcite				0.1	0.1		0.1		
PWKMV004	29/06/2004	VEIN		ANALYSIS	MAN		501040	6072046	25		3	41	white	coarse	MASSIVE	Quartz										

Appendix 5.2 - Kalum 2004 Vein Sample Locations and Descriptions

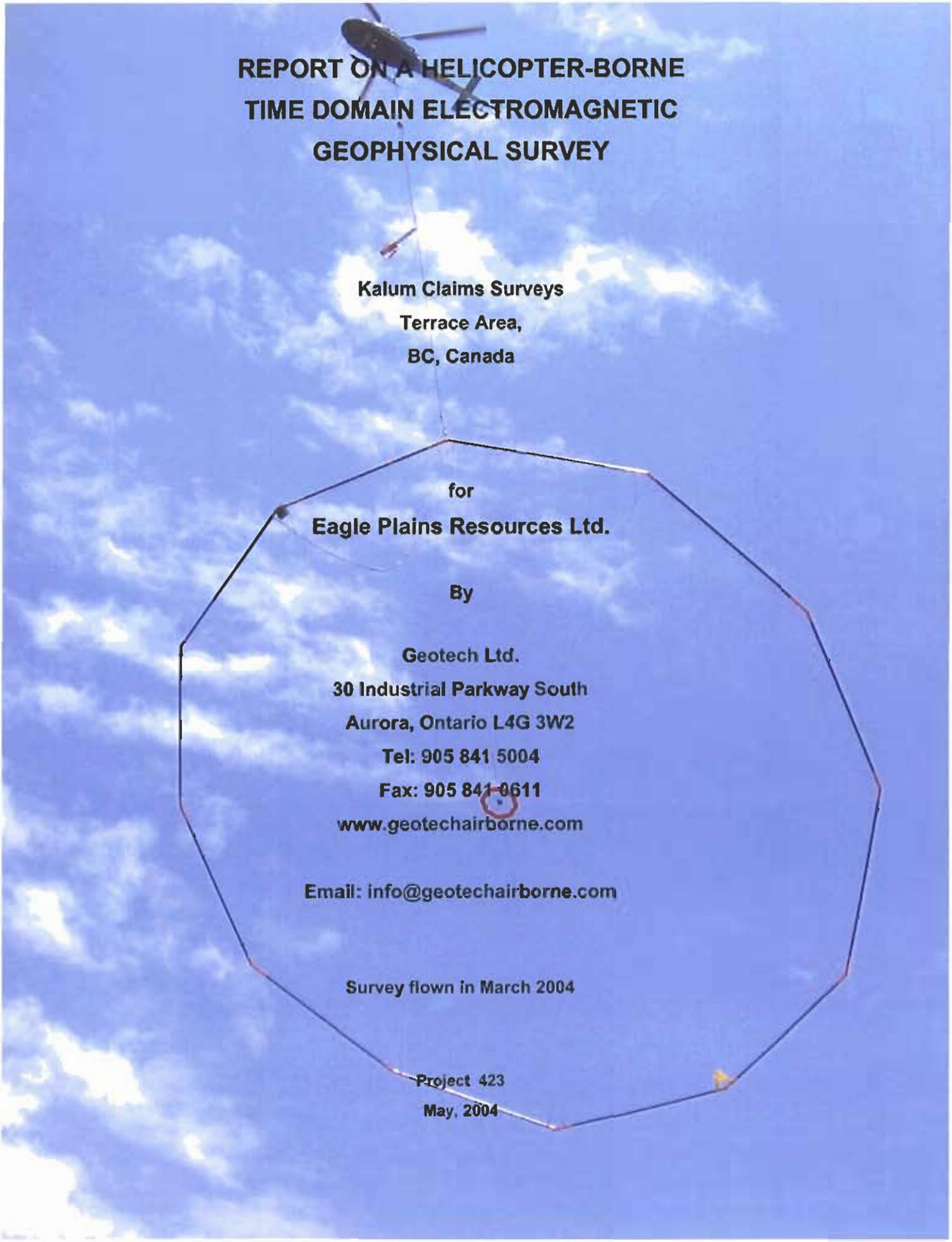
Sample Number	Date	Type	Channel (m)	Prupose	Loc Method	Elev (m)	Easting (m)	Northing (m)	Vein Width (cm)	Density (/m)	Strike (RHR)	Dip	Colour	Grain Size	Texture	Mineral 1	Mineral 2	Mineral 3	Lim (%)	Py (%)	Cpy (%)	Aspy (%)	Gal (%)	Sph (%)	Alteration Type	Alteration Setting
PWKMV003	29/06/2004	VEIN		ANALYSIS	MAN		501063	6072148	1		44	16	white	coarse	SHEETED	Quartz	Calcite									
PWKMV002	29/06/2004	VEIN		ANALYSIS	MAN		501127	6072168	5		33	4	white	medium-coarse	SHEARED	Quartz	Calcite			0.1		0.1				
PWKMV001	29/06/2004	VEIN		ANALYSIS	LS		501127	6072168	5		33	4	white	medium-coarse	SHEARED	Quartz	Calcite			0.1		0.1				
CGKMV014	24/06/2004	VEIN		ANALYSIS	MAP		499752	6070269	15	1		48	white	fine-medium	COMB	Quartz			0.1	1						
CGKMV015	24/06/2004	VEIN		ANALYSIS	MAP		499752	6070269								Quartz										
CGKMV013	24/06/2004	VEIN		ANALYSIS	MAP		499750	6070267								Quartz										
CGKMV012	24/06/2004	VEIN		ANALYSIS	MAN		499783	6070126								Quartz										
CGKMV016	24/06/2004	VEIN		ANALYSIS	MAP		499755	6070264								Quartz										
CGKMV017	24/06/2004	VEIN		ANALYSIS	LS		499755	6070264								Quartz										
CGKMV001	23/06/2004	VEIN		ANALYSIS			504199	6067049	15		72	4	greenish	fine-medium	MASSIVE	Quartz				0.1		1				
CGKMV002	23/06/2004	VEIN		ANALYSIS			504226	6067183	3		267	82	Rusty	medium-coarse	VUGGED	Quartz										
CGKMV003	23/06/2004	VEIN		ANALYSIS			504240	6067286	6		262	84	greenish	medium	SHEETED	Quartz						0.1			SILICIFICATION	
CGKMV004	23/06/2004	VEIN		ANALYSIS			504235	6067310	3		257	8	white	medium	FRACTURED	Quartz										
GHKMV019	21/07/2004	VEIN		ANALYSIS					45	3			White	medium	STOCKWORK	Quartz							0.1			
GHKMV018	19/07/2004	VEIN		ANALYSIS	GPS		503761	6067320	8	2	332	7	White		FRACTURED	Quartz										
GHKMV017	19/07/2004	VEIN		ANALYSIS	GPS		503510	6067575	4	3	35	9	White	fine	VUGGED	Quartz										
GHKMV016	19/07/2004	VEIN		ANALYSIS	GPS		503478	6067884	4	1	38	54	White	coarse	BULL	Quartz										
GHKMV015	18/07/2004	VEIN		ANALYSIS	GPS		505640	6067942	4	1	6	8	White	coarse	MASSIVE	Quartz				3						
GHKMV014	18/07/2004	VEIN		ANALYSIS	GPS		505769	6067805	1	1	284	9	White	fine-medium	SHEARED	Quartz						1				
GHKMV013	18/07/2004	VEIN		ANALYSIS	GPS		505750	6067796	5	1	42	6	White		MASSIVE	Quartz						1				
GHKMV012	18/07/2004	VEIN		ANALYSIS	GPS		505750	6067796	4	4	8	3	White	medium-coarse	STOCKWORK	Quartz				0.1		1				
GHKMV011	18/07/2004	VEIN		ANALYSIS	GPS		505720	6067763	7	4	336	58	White	medium-coarse	SHEETED	Quartz										
GHKMV010	17/07/2004	VEIN		ANALYSIS	GPS		504789	6068149	8	1	325	9	White	coarse	MASSIVE	Quartz	Calcite									
GHKMV009	17/07/2004	VEIN		ANALYSIS	GPS		504833	6068199	3	2	234	9	greyish	coarse	MASSIVE	Quartz	Plag		0.1							
GHKMV007	17/07/2004	VEIN		ANALYSIS	GPS		504859	6068186	2	2	326	9	White	medium	MASSIVE	Quartz						1	3			
GHKMV006	17/07/2004	VEIN		ANALYSIS	GPS		504904	6068079	3	5	326	1	bluish	medium	SHEETED	Quartz			3	1		0.1			SERICITE	HANGING
GHKMV005	15/07/2004	VEIN		ANALYSIS		1380	501770	6067686	9	1	22	9	White			Quartz				0.1	0.1					
GHKMV004	15/07/2004	VEIN		ANALYSIS	GPS	1315	502402	6068229	8	4	6	72	White	fine-medium	STOCKWORK	Quartz										
GHKMV003	15/07/2004	VEIN		ANALYSIS		1420	504045	6067725	5		32	68	White		FRACTURED	Quartz				1	1		3			
GHKMV002	14/07/2004	VEIN		ANALYSIS		1300	502392	6068269	1	1	6	6	White	medium-coarse	BULL	Quartz										
GHKMV001	14/07/2004	VEIN		ANALYSIS		1285	502426	6068275	1		6	6	White	medium	BULL	Quartz										
BRKMV001	12/07/2004	VEIN		ANALYSIS	LS		504874	6067213	2		11		White	medium		Quartz										
BRKMV002	14/07/2004	VEIN		ANALYSIS			503622	6067864	2		12		White			Quartz				1						
BRKMV003	14/07/2004	VEIN		ANALYSIS			503329	6067857	3		165	75	white			Quartz				1		3				
BRKMV004	14/07/2004	VEIN		ANALYSIS	GPS		503336	6067864	1		15	75	White	fine		Quartz					1	10		0.1		
BRKMV005	14/07/2004	VEIN		ANALYSIS	GPS		503336	6067873	6		12	8	White			Quartz					1	1				
BRKMV006	14/07/2004	VEIN		ANALYSIS			503598	6067489	15		24		White			Quartz					1					
BRKMV007	15/07/2004	VEIN		ANALYSIS	GPS		502144	6067798	6		5	45	White	coarse		Quartz										
JCKMV001	12/07/2004	VEIN		ANALYSIS	GPS	1500	504991	6067855	3	2	27	15	White			Quartz										
JCKMV002	12/07/2004	VEIN		ANALYSIS	GPS	1500	504993	6067894	1.5	2	318	68	White			Quartz										
JCKMV003	12/07/2004	VEIN		ANALYSIS	GPS	1550	505016	6067961	4	2	27	42	White			Quartz										
JCKMV004	12/07/2004	VEIN		ANALYSIS	GPS	1560	504979	6067949	25	7	332	69	White			Quartz				3		3				
JCKMV005	12/07/2004	VEIN		ANALYSIS	GPS	1575	504834	6067919	25	1	342	75	White			Quartz				0.1		1	1			
JCKMV006	12/07/2004	VEIN		ANALYSIS		1595	504833	6067943	175	1	327	68	White			Quartz				1		0.1				
PWKMV018	13/07/2004	VEIN		ANALYSIS		1264	503052	6067734	2	2	336	65	White	medium-coarse	STOCKWORK	Quartz	Ankerite			0.1	0.1	0.1	0.1	0.1	ANKERITE	FOOT
PWKMV019	14/07/2004	VEIN		ANALYSIS	GPS	1278	503061	6067876	2	1	336	7	White	medium-coarse	STOCKWORK	Quartz							1			
PWKMV020	14/07/2004	VEIN		ANALYSIS	LS	1278	503058	6067870	4	1	336	68	White	medium-coarse	STOCKWORK	Quartz							1		ANKERITE	
PWKMV021	14/07/2004	VEIN		ANALYSIS	GPS	1264	503046	6067884	3	1	336	7	White	medium-coarse	STOCKWORK	Quartz				0.1			1		ANKERITE	
PWKMV022	14/07/2004	VEIN		ANALYSIS	GPS	1231	502314	6068274	35	1	58	64	White	coarse	BULL	Quartz				0.1						
PWKMV023	14/07/2004	VEIN		ANALYSIS	LS	1248	502303	6068314	35	4	55	78	White	medium-coarse	STOCKWORK	Quartz									SERICITE	

Appendix 5.2 - Kalum 2004 Vein Sample Locations and Descriptions

Sample Number	Date	Type	Channel (m)	Prupose	Loc Method	Elev (m)	Easting (m)	Northing (m)	Vein Width (cm)	Density (/m)	Strike (RHR)	Dip	Colour	Grain Size	Texture	Mineral 1	Mineral 2	Mineral 3	Lim (%)	Py (%)	Cpy (%)	Aspy (%)	Gal (%)	Sph (%)	Alteration Type	Alteration Setting
PWKMV024	14/07/2004	VEIN		ANALYSIS	GPS	1281	502403	6068267	4	2	6	6	White	medium-coarse	STOCKWORK	Quartz										
PWKMV025	15/07/2004	VEIN		ANALYSIS	GPS	1280	502284	6068294	5	1	63	5	White	coarse	BULL	Quartz										

APPENDIX VI

GEOTECH AIRBORNE GEOPHYSICAL SURVEY RESULTS



REPORT ON A HELICOPTER-BORNE TIME DOMAIN ELECTROMAGNETIC GEOPHYSICAL SURVEY

Kalum Claims Surveys

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Survey flown in March 2004

Project 423

May, 2004

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Kalum Claims Surveys, Terrace Area, BC, Canada

INTRODUCTION

This report describes the helicopter-borne geophysical survey carried out on behalf of Eagle Plains Resources Ltd. by Geotech Ltd. under an agreement dated February 2004. Principal geophysical sensors included a time domain electromagnetic system and a cesium magnetometer. Ancillary equipment included a GPS navigation system and a radar altimeter.

One block, referred to as Kalum block, was surveyed. The Kalum block is located approximately 40 km WNN of Terrace, BC. The coordinates of the centre of the Kalum block are: 128° 55' W, 54° 46' N. The total area of the block is 144.9 km^2, the total line kilometres flown was 1512.3 km.
Data acquisition was initiated on March 14th and completed on March 24th , 2004.

This report describes the survey, the data processing and presentation.

SURVEY AREA

The survey area is shown in figure 1.

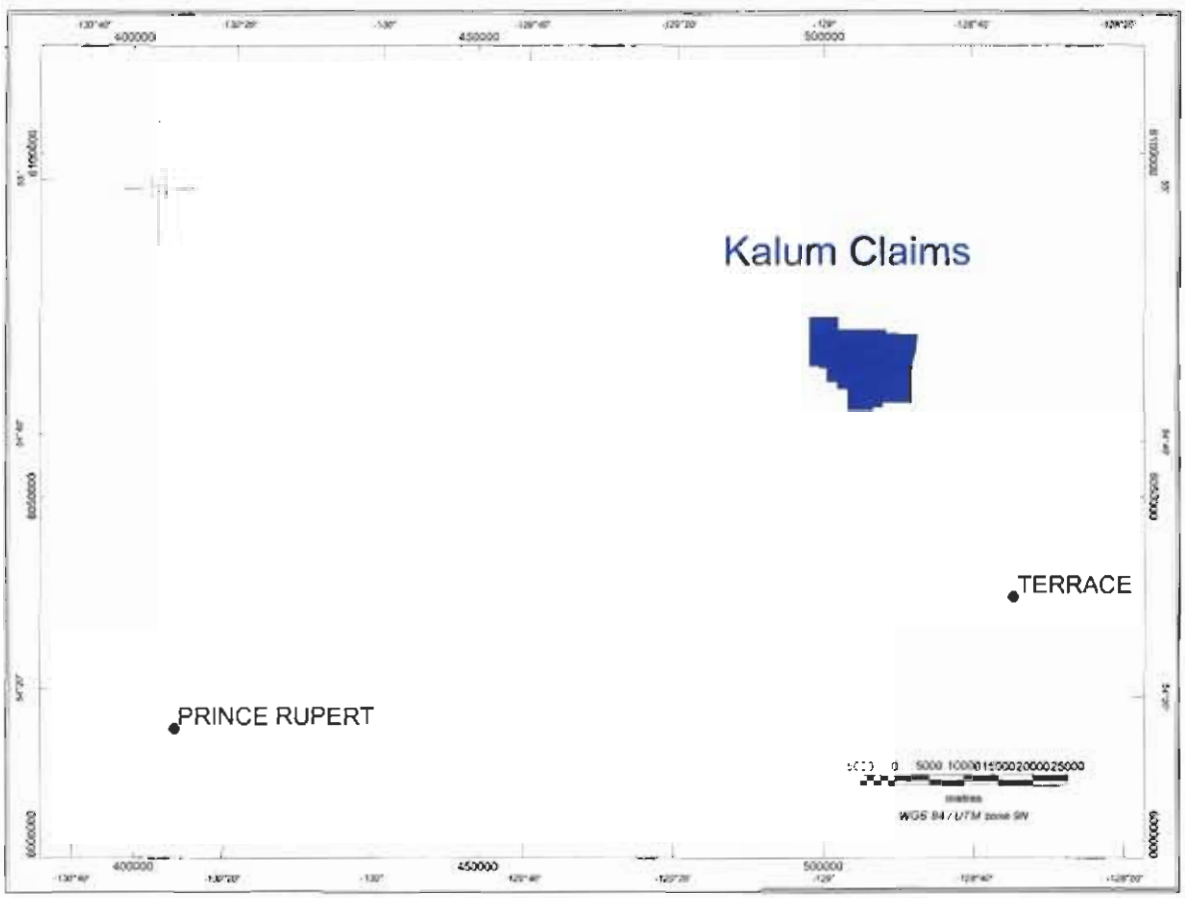

Figure 1 - Location Map

The survey specifications are summarised in the following table:

BLOCK NAME	AREA KM^2	LINE SPACING	LINE KM	FLIGHT DIRECTION
LCR Block	144.9	100 m - lines 1000 m - tie	1512.3	N-S lines E-W tie

Table 1 - Survey Block Specification

SURVEY OPERATIONS

Survey operations were based out of Terrace, BC.
The following table shows the timing of the flying.

Date	Flight #	Block flown	Flown Kalum, km	Stand-by reason
14-Mar-04		Installation in Terrace complete		
15-Mar-04			0	Rain, low clouds
16-Mar-04				Equipment
17-Mar-04	5-8	Kalum	114.2	
18-Mar-04	9-11	Kalum	79.3	
19-Mar-04	12-15	Kalum	73.8	
20-Mar-04	16-20	Kalum	142.4	
21-Mar-04	21-23	Kalum	326.2	
22-Mar-04	24-27	Kalum	369.0	
23-Mar-04	28-31	Kalum	295.9	
24-Mar-04	32,33	Kalum	111.5	
		TOTAL	**1512.3**	

Table 2 - Survey Schedule

The nominal EM sensor terrain clearance was 30 m (EM bird height above ground, i.e. helicopter is maintained 65 m above ground). Nominal survey speed was 80 km/hour. The data-recording rates of the data acquisition was 0.1 second for electromagnetics and magnetometer, 0.2 second for altimeter and GPS. This translates to a geophysical reading about every 2 metres along flight track. Navigation was assisted by a GPS receiver and data acquisition system, which reports GPS co-ordinates as latitude/longitude and directs the pilot over a pre-programmed survey grid.

The operator was responsible for monitoring of the system integrity. He also maintained a detailed flight log during the survey noting the times of the flight as well as any unusual geophysical or topographic feature.

On return of the aircrew to the base camp the survey data was transferred from a compact flash card (PCMCIA) to the data processing computer.

AIRCRAFT AND EQUIPMENT

1 Aircraft

An Astar B2 helicopter, registration C-FBHK - owned and operated by Bighorn Helicopters Inc. was used for the survey. Installation of the geophysical and ancillary equipment was carried out by Geotech Ltd. in Terrace, BC.

2 Electromagnetic System

The electromagnetic system was a Geotech Time Domain EM system. The layout is as indicated in Figures 2 below.

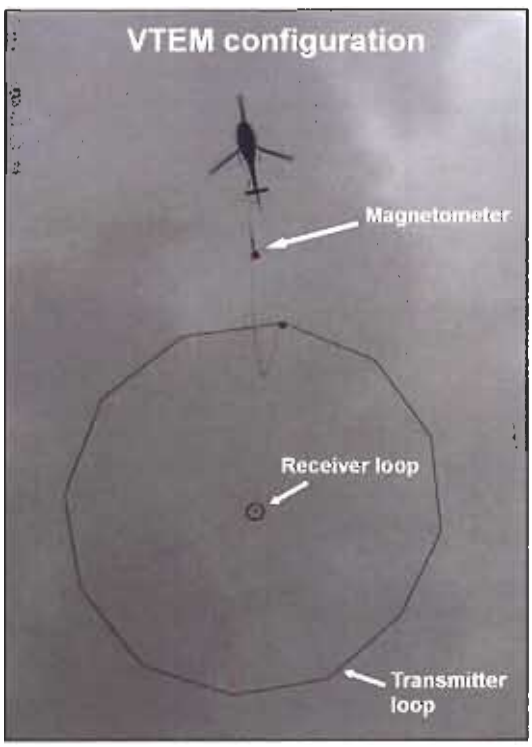

Figure 2

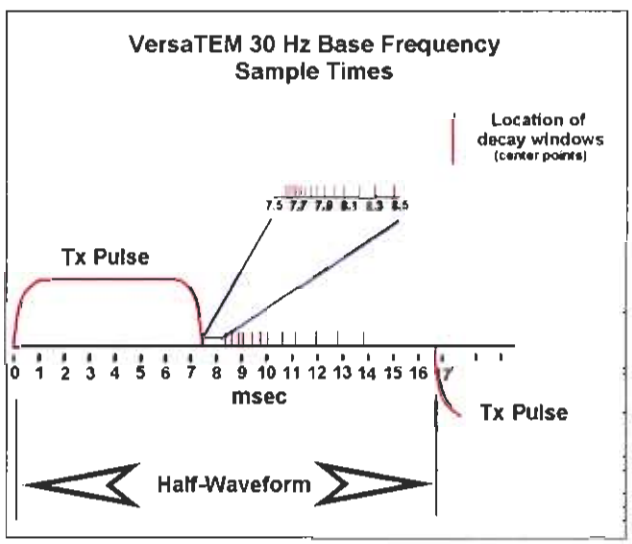

Figure 3

Receiver and transmitter coils were concentric and Z-direction oriented.
Transmitter coil diameter was 18 metres, the number of turns was 5.
Receiver coil diameter was 1.1 metre, the number of turns was 60.
Transmitter pulse repetition rate was 30 Hz.

Peak current was 115 A.
Duty cycle was 40%.
Peak dipole moment was 146000 NIA.
Wave form – trapezoid.
Twenty-two measurement gates were used in the range from 190 μs to 6340 μs.
The transmitter waveform and the receiver decay recording scheme is shown diagrammatically in Figure 3.
Recording sampling rate was 10 samples per second.
The EM bird was towed 40 m below the helicopter.

3 Airborne magnetometer

The magnetic sensor utilized for the survey was a Geometrics optically pumped cesium vapor magnetic field sensor, mounted in a separate bird towed 15 m below the helicopter. The sensitivity of the magnetic sensor is 0.02 nanoTesla (nT) at a sampling interval of 0.1 seconds. The magnetometer sends the measured magnetic field strength as nanoTeslas to the data acquisition system via the RS-232 port.

4 Ancillary Systems

4.1 Radar Altimeter

A Terra TRA 3000/TRI 30 radar altimeter was used to record terrain clearance. The antenna was mounted beneath the bubble of the helicopter cockpit.

4.2 GPS Navigation System

The navigation system used was a Geotech PC based navigation system utilizing a NovAtel's WAAS enable OEM4-G2-3151W GPS receiver, Geotech navigate software, a full screen display with controls in front of the pilot to direct the flight and an NovAtel GPS antenna mounted on the helicopter tail.
The co-ordinates of the blocks were set-up prior to the survey and the information was fed into the airborne navigation system.

4.3 Digital Acquisition System

A Geotech data acquisition system recorded the digital survey data on an internal compact flash card. Data is displayed on an LCD screen as traces to allow the operator to monitor the integrity of the system. Contents and update rates were as follows:

DATA TYPE	SAMPLING
TDEM	0.1 sec
Magnetometer	0.1 sec
GPS Position	0.2 sec
RadarAltimeter	0.2 sec

Table 3 - Sampling Rates

5 Base Station

A combine magnetometer/GPS base station was utilized on this project. A Scintrex CS-2 Cesium vapour magnetometer was used as a magnetic sensor with a sensitivity of 0.001 nT. The base station was recording the magnetic field together with the GPS time at 1 Hz on a base station computer. The base station magnetometer sensor was installed in Huntsville away from electric transmission lines and moving ferrous objects such as motor vehicles. The magnetometer base station's data was backed-up to the data processing computer at the end of each survey day.

PERSONNEL

The following Geotech Ltd. personnel were involved in the project

Field	
Geophysicists/Data Processor:	Anton Rada
Operator:	Greg Luus
Engineer:	Pavel Tishin
Office	
Data Processing/Reporting:	Andrei Bagrianski

The survey pilot and the mechanic were employed directly by the helicopter operator – Bighorn Helicopters Inc.

Pilot:	Grg Goodison

Overall management of the survey was carried out from the Aurora offices of Geotech Ltd. by Edward Morrison, President.

DATA PROCESSING AND PRESENTATION

Flight Path

The flight path, recorded by the acquisition program as WGS 84 latitude/longitude, was converted into the UTM co-ordinate system in Oasis Montaj.

The flight path was drawn using linear interpolation between x,y positions from the navigation system. Positions are updated every second and expressed as UTM eastings (x) and UTM northings (y).

Electromagnetic Data

A three stage digital filtering process was used to reject major sferic events and to reduce system noise. Local sferic activity can produce sharp, large amplitude events that cannot be removed by conventional filtering procedures. Smoothing or stacking will reduce their amplitude but leave a broader residual response that can be confused with geological phenomena. To avoid this possibility, a computer algorithm searches out and rejects the major sferic events. The filter used was a 16 point non-linear filter.

The signal to noise ratio was further improved by the application of a low pass linear digital filter. This filter has zero phase shift which prevents any lag or peak displacement from occurring, and it suppresses only variations with a wavelength less than about 1 second or 20 metres. This filter is a symmetrical 1 sec linear filter.
The results are presented as stacked profiles of EM voltages for the gate times.

Magnetic Data

The processing of the magnetic data involved the correction for diurnal variations by using the digitally recorded ground base station magnetic values. The base station magnetometer data was edited and merged into the Geosoft GDB database on a daily basis. The aero magnetic data was corrected for diurnal variations by subtracting the observed magnetic base station deviations. The corrected magnetic line data from the survey was interpolated between survey lines using a random point gridding method to yield x-y grid values for a standard grid cell size of approximately 0.2 cm at the mapping scale. The Minimum Curvature algorithm was used to interpolate values onto a rectangular regular spaced grid.

DELIVERABLES

The survey is described in a report, which is provided in two copies. The preliminary and final maps were produced at a scale of 1:20,000.

MAPS

The final results of the survey are presented in a colour magnetic contour map and an EM profiles map at a logarithmic scale. The coordinate/projection system used was WGS84(NAD83), Universal Transverse Mercator, zone 9. For reference the WGS84 latitude and longitude are also noted on the maps. All the maps show the flight path trace.

The map products are as follows:

Standard maps:

1. Total Field Magnetic color contour map on the GPS flight path, on paper in two copies
2. EM Profile Map at a logarithmic scale of the twenty one gates times (220 – 6340 μs) on the GPS flight path, on paper in two copies.

DIGITAL DATA on CD-ROM

Two copies of CD-ROMs were prepared to accompany the report. Each CD-ROM contains a digital file of the line data in GDB Geosoft Montaj format in addition to the maps in Geosoft Montaj Map format. A *readme.txt* file may be found on the CD-ROM that describes the contents in more detail.

CONCLUSIONS

A time domain electromagnetic helicopter-borne geophysical survey has been completed over the Kalum Block in the Terrace Area, BC, Canada. The total areal coverage amounts to 144.9 km^2. Total survey line coverage is 1512.3 line kilometres. The principal sensors included a Time Domain EM system and a magnetometer. Results have been presented as colour maps at a scale of 1:20,000.

A number of EM anomaly groupings were identified. Ground follow-up of those anomalies should be carried out if favourably supported by other geoscientific data.

Respectfully submitted,

Andrei Bagrianski,
Geotech Ltd.