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VANCOUVER, B.C.

2005 GEOLOGICAL REPORT

FOR THE

IRON RANGE PROPERTY

Nelson / Fort Steele Mining Division, Southeastern B.C.
Mapsheets 82F018, 82F019
Latitude 49°12'N, Longitude 116°24'W
NTS 6832001 N / 633500E

**VOLUME II
APPENDICES**

- APPENDIX I STATEMENTS OF QUALIFICATIONS**
- APPENDIX II STATEMENTS OF EXPENDITURES**
- APPENDIX III DIAMOND DRILL LOGS**

Prepared for

EAGLE PLAINS RESOURCES LTD.

200-16 11th Ave. S.
Cranbrook, B.C., V1C 2P1
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by

C.C. Downie, P.Geo
Exploration Manager, Eagle Plains Resources Ltd.
Cranbrook B.C., Canada

and

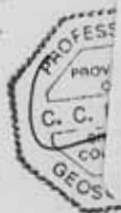
Douglas Anderson, P.Eng., B.A.Sc.
Anderson Minsearch Consultants
3206 6th St. S.
Cranbrook B.C., Canada

December 23, 2005

Vol 101
III

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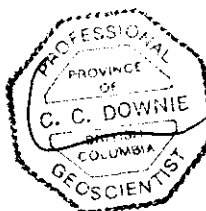
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APPENDIX I
STATEMENTS OF QUALIFICATIONS

CERTIFICATE OF CHARLES C. DOWNIE, P.GEO

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

I am currently employed as Exploration Manager for Eagle Plains Resources Ltd. with business address: 200-16, 11 Ave.S., Cranbrook, BC V1C 2P5. I am also Exploration Manager for Bootleg Resources Inc., a wholly owned subsidiary of Eagle Plains Resources Inc and having the same business address.

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

I have worked as a geologist for a total of 17 years since my graduation from university, and have been involved in the mining and exploration industry since 1980.

I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (ID 20137). I am entitled to use the seal which is affixed to this report.

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 National Instrument 43 - 101.

I have co-authored this technical report titled "2005 GEOLOGICAL REPORT FOR THE IRON RANGE PROPERTY" and dated December 23rd 2005 relating to the 2004 - 2005 geological programs by Eagle Plains Resources.

I authored an assessment report on the Sphinx Property titled GEOLOGICAL AND GEOPHYSICAL REPORT FOR THE SPHINX PROPERTY and dated September 2005.

I have based this report on data collected through research and on observations and results from physical work on the property. 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 Sphinx property.

I was not directly involved in any aspect of the sample preparation.

I have visited the Iron Range property on numerous occasions in 2004 and 2005.

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.

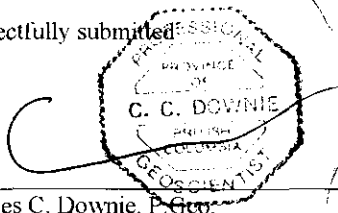
I am not independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101. I am a director of Eagle Plains Resources Ltd. since 2002 and currently hold 372,000 shares of that company. I further hold options to purchase 250,000 shares of the company at between \$0.65 and \$0.75 per share.

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

Dated at Cranbrook, British Columbia, Canada this 23rd Day of December, 2005

Respectfully submitted,

Charles C. Downie, P. Geo.



CERTIFICATE OF DOUGLAS ANDERSON P.Eng., B.A.Sc.

I, Douglas Anderson, Consulting Geological Engineer, have my office at 3205 6th St. South in Cranbrook, B.C., V1C 6K1.

I graduated from the University of British Columbia in 1969 with a Bachelor of Applied Science in Geological Engineering.

I have practiced my profession since 1969, predominantly with one large mining company, in a number of capacities all over Western Canada and currently within southeastern B.C. as a mineral exploration consultant.

I am a Registered Professional Engineer and member of the Association of Professional Engineers and Geoscientists of B.C., and I am authorized to use their seal which has been affixed to this report.

I have co-authored this technical report titled "2005 GEOLOGICAL REPORT FOR THE IRON RANGE PROPERTY" and dated December 23rd 2005 relating to the 2004 - 2005 geological programs by Eagle Plains Resources.

I have based this report on data collected through research and on observations and results from physical work on the property. 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 Iron Range property.

I have visited the Iron Range property on numerous occasions in 2004 and 2005.

I was responsible for logging some of the drillcore for the 2004 – 2005 field programs.

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.

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

I am also a Fellow of the Geological Association of Canada.

Dated at Cranbrook, British Columbia, Canada this 23rd Day of December, 2005

Douglas Anderson, P.Eng., B.A.Sc., FGAC

APPENDIX II

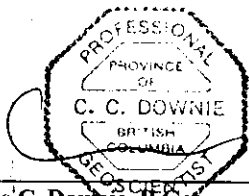
STATEMENTS OF EXPENDITURES

2.1 2004 Expenditures

2.2 2005 Expenditures

2.1 The following expenses were incurred on the **Iron Range** Property, Nelson and Fort Steele Mining Division, for the purpose of mineral exploration between the dates of January 01 2004 and March 24, 2005.

geological personnel: Bootleg Exploration Inc.		
	Chas Downie, P.Geo.; Project Supervisor	
	Chris Gallagher, MSc.; GIS Specialist / Cartographer	
	Glen Hendrickson, field technician, GIS specialist	
	Brad Robison, field technician	
	Total Bootleg Personnel:	\$31,417.16
analytical:		
	Eco-Tech Laboratories : soil, silt, rock, drill core 30 element ICP	\$17,176.55
geophysics : Geotech airborne - VTEM survey; SJ Geophysics, Condor Consulting - interpretation		\$80,292.79
helicopter charter:		
Bighorn Helicopters	geophysics	\$25,274.63
	diamond drilling	\$7,825.12
equipment rental and repair:		
	includes truck rental and mileage, fuel, ATV, satellite phone, all related equipment costs	\$6,015.47
diamond drilling: FB Drilling 570.3 meters all in		\$20,199.58
consultants/subcontractors: Anderson Minsearch Consultants Ltd.; E.K. Expediting; Mervin Miller-D6 Cat; Jim McDonald Trucking Ltd.; ;High-Grade Geological Consulting Duthie's Auto Propane-water hauling		\$42,877.05
travel/accommodation :		
	accommodation:drill crews, field crews, contractors:	\$2,777.01
meals/groceries:		\$740.66
shipping: includes freight, courier		\$658.66
office supplies: includes map repro, plotter paper/ink, etc		\$100.50
field supply: includes materials for core sampling, geochemical sampling		\$1,160.36
automotive: includes repairs(tires, windshield), fuel		\$3,101.99
report: includes writing, reproduction		\$3,000.00
	TOTAL:	\$242,617.53



Charles C. Downie, P. Geo.
Exploration Manager, Eagle Plains Resources

Douglas Anderson, P. Eng., B.A.Sc.
Anderson Minsearch Consultants Ltd.

2.2 The following expenses were incurred on the **Iron Range** Property, Nelson and Fort Steele Mining Division, for the purpose of mineral exploration between the dates of March 25, 2005 and December 15 2005.

geological personnel: Bootleg Exploration Inc.

Chas Downie, P.Geo.; Project Supervisor
 Chris Gallagher, MSc.; GIS Specialist / Cartographer
 Glen Hendrickson, field technician, GIS specialist
 Aaron Higgs, Geologist
 Hunter Corrigan, field technician
 Bryson Malmberg, field technician
 Bradley Scott, field technician
 Total Bootleg personnel: \$32,618.93

analytical:

Acme Analytical: soil, silt, rock, 30 element ICP \$25,165.43
 Eco-Tech Laboratories : soil, silt, rock, drill core 30 element ICP \$1,381.60

helicopter charter: Bighorn Helicopters \$38,417.00

equipment cost, rental and repair:

includes truck rental and mileage, fuel, ATV, satellite phone, all related equipment costs \$7,275.95

diamond drilling: FB Drilling 1377.64 meters all in \$119,612.77

consultants/subcontractors: Anderson Minsearch Consultants Ltd.; Mervin Miller; High-Grade Geological Consulting; Jim McDonald Trucking Ltd.; \$24,018.30

travel/accommodation :

accommodation: drill crews, field crews, contractors, \$11,154.66

meals/groceries: \$6,018.63

shipping: includes freight, courier \$630.00

office supplies: includes telephone and sat phone costs \$1,124.06

field supply: includes materials for core sampling, core racks, geochemical sampling \$8,522.21

automotive: includes repairs (tires, windshield), fuel \$2,593.45

report writing : (estimate including maps/reproduction) \$4,000.00

TOTAL: \$282,532.99



Charles C. Downie, P. Geo.
 Exploration Manager, Eagle Plains Resources

Douglas Anderson, P. Eng., B.A.Sc.
 Anderson Minsearch Consultants Ltd.

APPENDIX III

DIAMOND DRILL LOGS AND SECTIONS

3.1 DDH Strip Logs

3.1.1 Lithology and Alteration

3.1.2 Mineralization and Veining

3.1.3 Geochemical Results

3.2 Diamond Drill Logs

3.2.1 Alteration

3.2.2 Lithology

3.2.3 Mineralogy

3.2.4 Shear Zones

3.2.5 Veining - Intervals

3.2.6 Veining - Points

3.2.7 Geochemistry

Legend - Global - Alteration	
?	
	ALBITE
	ANKERITE
	BIOTITE
	BLEACHED
	CALCITE
	CARBONATE
	CHLORITE
	CLAY
	EPIDOTE
	FE STAINING
	FLOURITE
	KSPAR
NONE	NONE
	PYRITE
	SAUCERITE
	SERICITE
	SILICA

Legend - Global - Min Style	
?	
	BLEBBY
	DISSEMINATED
	FRACTURES
	MASSIVE
	NODULAR
NONE	NONE
NONE	SELECT

Legend - Global - Lithology			
	Amphibolite		Andesite
	Aplite		Argillite
	Arkosic Grit		Breccia
	Calc-silicate		Casing
	Collar		Dacite
	Diorite		Dolomitic Mudstone
	Dolomitic Sandstone		Felsic Intrusive
	Gabbro		Gneiss
	Granite		Granodiorite
	Greenstone		Greywacke
	Hornblende GranoD		Hornfels
	Intermediate Intrusive		Intermediate volcanic
	Lamprophyre		Limestone
	Mafic Dyke		Meta-siltstone
	Monzonite		Mudstone
	Overburden		Pegmatite
	Phy Quartzite		Phy Siltstone
	Phyllite		Plag-phyric Andesite
	Porphyry		Q Monzonite
	Quartz Diorite		Quartz Propyry
	Quartz Wacke		Quartz-Feldspar Propyry
	Quartzite		Rubble
	Sandstone		Siliceous Limestone
	Siltstone		Skam
	Tonalite		Tourmalinite
	Tuff		Vein Material
	Void		Wacke

Legend - Global - Mineralization	
?	
	arsenopyrite
	azurite
	chalcopyrite
	Ga
	Au
	hematite
	Ilmt
	Mgt
	malachite
	Mo
NONE	none
	Py
	Po
	quartz
	scheelite
	Sph
	Th

3.1.1 Lithology and Alteration

Hole Name :IR04001

Hole Name :IR04001 Hole Azimuth : Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt	Deg	Alt	Deg	Alt	Deg	Alteration Notes	Elevation (m)
25				Quartz Wacke								Albite Alteration is increasing with depth (more developed in the quartzites).	1736.55
50				Quartzite								Chlorite, albite, silica, hematite restricted to narrow zones. 100% chlorite over short intervals.	1719.32
75				Gabbro								Albitized, chlorite, irregular hematite.	1702.26
				Gabbro								Gabbro originally - now highly altered/replaced by albite/hematite breccia.	
				Quartzite								Chlorite & hematite - with albite and silica as well.	
				Gabbro								Massive.	
100				Siliceous Limestone								Broken, altered, siliceous sediments, mottled.	1685.39
125				Gabbro								Gabbro is flecked with pale, buff titanium oxide.	1668.65
150				Quartzite									1651.99
175				Quartzite								Dyke 150m to 150.6 at 45 degrees	1635.40
200													1618.88

Hole Name :IR04002

Hole Name :IR04002

Hole Azimuth :

Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt Deg	Alt Deg	Alt Deg	Alt Deg	Alteration Notes	Elevation (m)
10				Wacke							1745.06
20				Wacke			2	2	1		1736.22
30				Wacke							1727.38
40				Gabbro Pale, V.f.g. gabbro dyke - upper contact at 40 degrees. But unit is MA.			3	2	?	Entire unit is soft, chloritic with albite alteration at boundaries.	1718.55
50				Quartzite			5	5	2		1709.71
60				Quartzite							1700.87
70				Gabbro			5	5	5	Quite intense.	1692.03
80				Gabbro			2	5	2		1683.20
90				Quartzite			3	3	?	Alteration is not intense.	1674.38
100				Gabbro			3	3	3		1665.56
110				Gabbro							1656.76
120				Gabbro			5	?	?	Chloritization/hematization.	1647.96
130				Gabbro							1639.18

Scale 1:392

12/09/05

11:19:13

Hole Name :IR04003

Hole Name :IR04003 Hole Azimuth : Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt	Deg	Alt	Deg	Alt	Deg	Alteration Notes	Elevation (m)
25				Gabbro			4		?		?	Spotting of altered gabbro with 3% pale buff oxide?	1457.56
				Quartz Wacke					?		?	Mottled quartzitic wackes	1440.37
50				Quartz Wacke					2		?	Sericitization hard to quantify.	1423.22
75				Quartz Wacke									1406.12
100				Quartzite					4		4	?	1389.08
125				Quartzite									1372.26
150				Wacke					4		4	?	1355.69
175				Wacke								Bleached, light coloured sediments.	1339.38
200				Wacke									1323.32
225													

Hole Name :IR05001

Hole Name :IR05001

Hole Azimuth :

Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt		Alt		Alt		Alteration Notes	Elevation (m)
						Deg	Deg	Deg	Deg	Deg	Deg		
50	/	/	Blue	?									1108.15
				Quartzite	?	Blue	Red	2		?	?	?	
100	/	/	Blue	Gabbro		Yellow	5	Black	4		?	?	1072.04
				Siltstone	Foliation in Breccia cuts core at 54 degrees	Blue	Red	3	Blue	3		?	
150	/	/	Blue	Gabbro		Black	3		?		?	?	1036.25
				Quartzite	?	Blue	Red	3	Black	2		1	
200	/	/	Blue	Gabbro		Black	2		2		?	?	1000.74
				Siltstone	?	Blue	Black	4		3		?	
250	/	/	Blue	?		Black	4		?		?	?	965.88
				Quartzite	At 179.0m a 10cm Fragmental unit lies parallel to the bedding.	Blue	Red	4	Yellow	1		?	
300	/	/	Blue	Sandstone	Appears to be a massive bed formed by mainly grit sized mature, unsorted, and ungraded Quartz sand. Very little Matrix, the unit is grain supported.	Black	4		1		?	?	931.89
				Siltstone	?	Blue	Black	1		?		?	
350	/	/	Blue	?		Black	3	Red	1		?	?	898.77
				Quartzite	Weakly developed Breccia between 222.3m and 222.8m.	Blue	Red	4	Black	1	Yellow	1	
400	/	/	Blue	Quartzite	?	Blue	4	Black	1	Yellow	1	?	866.96
				Quartzite	?	Blue	3		2	Yellow	2	?	
450	/	/	Blue	Quartzite	?	Blue	5	Yellow	4	Black	1	?	836.77
				Siltstone	?	Blue	4		4		?	?	
400	/	/	Blue	Siltstone	?	Blue	4		4		1	?	836.77
				Siltstone	?	Blue	5	Yellow	5	Black	4		
400	/	/	Blue	Meta-siltstone	?	Blue	3	Yellow	3		1	?	866.96
				Meta-siltstone	Lamprophre dykes cut this core at 45 and 47 degrees. The dykes range in size from 3cm to 5cm.	Blue	5	Red	5		?	?	
450	/	/	Blue	Gabbro	Gabbro dyke cuts core at 47 degrees. It is generally green with abundant white veinlets.	Blue	3		?		?	?	836.77

Hole Name :IR05002

Hole Name :IR05002 Hole Azimuth : Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alteration								Alteration Notes	Elevation (m)	
					Alt Assem	Alt	Deg	Alt	Deg	Alt	Deg	Alt			Deg
				?											
25				Siltstone			1		1		?	?			1124.95
				Siltstone			2		2		2		There is some calcium carbonate in this section as well.		
				Silty Argillite interbedded			4		2		2	?			
50				Quartzite			1		2		2	?			1105.99
75				Siltstone			1		1		?	?			1087.09
				Quartzite			3		3		2	?			
100				Siltstone			4		4		3	?			1068.24
				Quartzite			3		3		?	?			
125				Quartzite											1049.46
150				Quartzite			3		3		1	?			1030.73
				Siltstone			1		3		?	?			1012.07
175				Quartzite			3		1		1	?			
				Quartzite											
200				Siltstone			3		3		1	?			993.47
				Quartzite			5		5		?	?			
225				Siltstone			2		2		1	?			974.93
				Quartzite			3		3		3	?			

Hole Name :IR05003

Hole Name :IR05003

Hole Azimuth :

Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt	Deg	Alt	Deg	Alt	Deg	Alteration Notes	Elevation (m)
				Argillite ?									
				Quartzite Quartzite turns into Argillite at about 25.5m.			3		3		?	?	
				Wacke ?			3		3		?	?	
				Quartzite ?			2		?		?	?	
50	/			Argillite ?			2		?		?	?	1384.30
	//			Wacke ?									
				Wacke ?									
	/			Wacke ?									
100	//			Wacke ?			2		?		?	?	1348.54
	/			Argillite ?			2		2		?	?	
150	/			Quartz Wacke ?			2		2		2	Silification is increased with depth.	1312.77
	/			Quartz Wacke ? Dyke cuts core at 60 degrees			3		1		?	?	
200	/			Quartzite ?			3		1		?	?	1277.08
	/			Quartzite ? Greenish Dyke at 60 degrees			3		1		1	?	
250	/			Wacke ?			3		3		?	?	1241.95
	/			Wacke ?									
	/			Quartz Wacke ?									
300	/			Argillite ?			3		?		?	?	1207.43
	/			Helicopter dropped this section.									
	/			Quartz Wacke ?			2		3		?	Chloritization is above the fault and Biotite is more intense in the Argillites below the fault.	

Scale 1:1018

12/09/05

11:19:51

Hole Name :IR05004

Hole Name :IR05004

Hole Azimuth :

Hole Inclination :

Depth (m)	Bedding wrt CA	Joints wrt CA	Map Unit	Lithologic Description	Alt Assem	Alt	Deg	Alt	Deg	Alt	Deg	Alteration Notes	Elevation (m)
50				Gabbro			2		2		?		1471.37
100				Gabbro			4		?		?		1432.51
150				Gabbro			2		2		?		1393.43
200				Siltstone			5		7		?		1354.30
250				Siltstone			4		1		1		1315.31
300				Gabbro			3		3		1		1276.44

Below 284.5m Gabbro unit is highly foliated.

Scale 1:917

12/09/05

11:19:56

3.1.2 Mineralization and Veining

Hole Name : IR04001

Hole Length : 203.66

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)				Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)	
25	[Pattern]	Quartz Wacke	[Pattern]	?	?	?	?					1736.55	
50	[Pattern]	Quartzite	[Pattern]	0	14	?					107422	1719.32	
				2	10	0							107423
75	[Pattern]	Gabbro	[Pattern]	?	?	?					107424	1702.26	
													107425
				2	1	0			0% chalcopyrite; 0% ; 0%	107426			
											107427		
											107428		
											107429		
100	[Pattern]	Quartzite	[Pattern]	?	?	?					107430	1685.39	
													107431
125	[Pattern]	Gabbro	[Pattern]	1	1	?		None				1668.65	
150	[Pattern]	Gabbro	[Pattern]	1	2	1				10% hematite; 0% ; 0%		107433	1651.99
												107434	
												107435	
												107436	
												107437	
												107438	
												107439	
												107440	
												107441	
												107442	
												107443	
												107444	
												107445	
												107446	
				175	[Pattern]	Siliceous Limestone	[Pattern]	0	?	?			
												107448	
												107449	
												107450	
												304501	
												304502	
												304503	
												304504	
												304505	
												304506	
												304507	
												304508	
												304509	
												304510	
200	[Pattern]	Quartzite	[Pattern]					1	0	1			
												304512	
												304513	
												304514	
												304515	
												304516	
												304517	
												304518	
												304519	
												304520	
												304521	
												304522	
												304523	
												304524	

Hole Name : IR04002

Hole Length : 140.00

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)			Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
10											1745.06
20		Wacke		1	2	?					1736.22
30											1727.38
40		Gabbro		2	3	?					1718.55
50		Quartzite		0	1	0					1709.71
60											1700.87
70		Gabbro		20	1	1					1692.03
80		Gabbro		2	?	?					1683.20
90		Quartzite		0	?	?					1674.38
100		Gabbro		2	?	?					1665.56
110											1656.76
120		Gabbro		2	1	0					1647.96
130											1639.18

Scale 1:395

12/09/05

11:20:54

Hole Name :IR04003

Hole Length :235.67

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)				Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
25		Quartzite		1	0	0	?					1457.56
50		Quartz Wacke		1	?	?			0% ; 0% ; 0%			1440.37
75		Quartz Wacke		1	0	?						1423.22
100		Quartzite		1	0	?			0% pyrite; 0% ; 0%	304181 304182		1406.12
125		Quartzite		1	0	0				304183		1389.08
150		Quartzite		1	0	0			0% galena; 0% ; 0%			1372.26
175		Wacke		1	0	?			0% pyrite; 0% ; 0%			1355.69
200		Wacke		1	0	?						1339.38
225		Wacke		1	0	?						1323.32

Scale 1:711

12/09/05

11:21:02

Hole Name :IR05001

Hole Length :496.30

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)				Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
50		Quartzite		1	1	?						1108.15
		Gabbro		1	4	?			1% pyrite			
		Siltstone		1	?	?			None			
		Gabbro		1	?	?			None			
100		Quartzite		?	?	?						1072.04
		Gabbro		1	?	?			None			
		Siltstone		1	1	?		1% pyrite				
150		Gabbro		2	?	?						1036.25
		Quartzite							1% pyrrhotite; 1% Tourmaline			
200		Sandstone		1	?	?						1000.74
		Gabbro		1	?	?		None				
		Quartzite		?	?	?						
		Gabbro		1	?	?						
250		Quartzite		?	?	?						965.88
		Quartzite		?	?	?						
		Quartzite		?	?	?						
		Quartzite		?	?	?						
		Amphibole		5	60	0						
		Quartzite										
300		Siltstone		2	0	0						931.89
		Siltstone		2	0	0						
		Siltstone		2	0	0						
		Siltstone		2	0	0						
		Gabbro		2	3	3		5% Arsenopyrite 2% Galena None				
350		Quartzite										898.77
		Siltstone										
		Siltstone										
		Siltstone						None				
400		Meta-siltstone										866.96
		Meta-siltstone		1	?	0						
450		Gabbro		?	?	?			None			836.77

Scale 1:1496

12/09/05

11:21:05

Hole Name : IR05002

Hole Length : 234.10

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)			Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
25		Siltstone									1124.95
50		Quartzite			1	1					1105.99
75		Siltstone		?	?	0					1087.09
100		Quartzite		?	?	0					1068.24
125		Quartzite						2% pyrrhotite			1049.46
150		Quartzite		?	?	0					1030.73
175		Siltstone		?	?	0					1012.07
200		Quartzite		?	?	0					993.47
225		Siltstone		2	3	0					974.93
		Quartzite									
		Quartzite		1	?	0					

Scale 1:705

12/09/05

11:21:13

Hole Name : IR05003

Hole Length : 340.54

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)			Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
50		Quartzite					5% pyrite; 0% ; 0%				1384.30
		Wacke		1	0	0					
100		Quartzite		1	0	0					1348.54
		Wacke									
		Wacke						0% ; 0% ; 0%			
		Wacke		1	0	0					
150		Wacke					5% pyrrhotite; 0% ; 0%		15% pyrrhotite; 0% ; 0%		1312.77
		Quartz Wacke		2	1	0					
		Quartz Wacke						0% ; 0% ; 0%			
200		Quartzite		3	1	1					1277.08
		Quartzite									
		Wacke		1	1	1					
		Wacke									
		Quartz Wacke									
250		Quartzite					2% Lead; 0% ; 0%				1241.95
		Wacke									
		Wacke									
		Quartz Wacke									
300		Quartzite		2	0	0					1207.43
		Quartz Wacke		1	0	0					

Scale 1:1027

12/09/05

11:21:17

Hole Name :IR05004

Hole Length :306.71

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)	Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
50		Gabbro							1471.37
100		Gabbro							1432.51
150		Gabbro			0% : 0% : 0%				1393.43
200		Siltstone			0% : 0% : 0%				1354.30
250		Siltstone			90% pyrite, 0% : 0%				1315.31
300		Gabbro							1276.44

Scale 1:925

12/09/05

11:21:19

3.1.3 Geochemical Results

Hole Name :IR04001

Hole Length :203.66

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results						Elevation (m)	
Depth At	DDH_LITH_UNITS	DDH_LITH_RTYPE_MAJ	DEP_SAMP_SAMP	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
25		Quartz Wacke			100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	1736.55
50		Quartzite	107422	AK 2004-20							1719.32
			107423	AK 2004-20							
			107424	AK 2004-20							
			107425	AK 2004-20							
			107426	AK 2004-20							
			107427	AK 2004-20							
		Gabbro	107428	AK 2004-20							
			107429	AK 2004-20							
			107430	AK 2004-20							
			107431	AK 2004-20							
			107432	AK 2004-20							
			107433	AK 2004-20							
			107434	AK 2004-20							
			107435	AK 2004-20							
75		Gabbro	107436	AK 2004-20							1702.26
			107437	AK 2004-20							
			107438	AK 2004-20							
			107439	AK 2004-20							
			107440	AK 2004-20							
			107441	AK 2004-20							
		Quartzite									
		Gabbro	107442	AK 2004-20							
			107443	AK 2004-20							
			107444	AK 2004-20							
			107445	AK 2004-20							
100		Siliceous Limestone	107446	AK 2004-20							1685.39
			107447	AK 2004-20							
			107448	AK 2004-20							
			107449	AK 2004-20							
			107450	AK 2004-20							
			304501	AK 2004-20							
			304502	AK 2004-20							
			304503	AK 2004-20							
			304504	AK 2004-20							
			304505	AK 2004-20							
			304506	AK 2004-20							
			304507	AK 2004-20							
			304508	AK 2004-20							
			304509	AK 2004-20							
			304510	AK 2004-20							
			304511	AK 2004-20							
			304512	AK 2004-20							
			304513	AK 2004-20							
			304514	AK 2004-20							
			304515	AK 2004-20							
			304516	AK 2004-20							
			304517	AK 2004-20							
			304518	AK 2004-20							
			304519	AK 2004-20							
			304520	AK 2004-20							
			304521	AK 2004-20							
			304522	AK 2004-20							
			304523	AK 2004-20							
			304524	AK 2004-20							
			304525	AK 2004-20							
			304526	AK 2004-20							
125		Gabbro									1668.65
150		Quartzite									1651.99
175		Quartzite									1635.40
200											1618.88

Scale 1:621

12/09/05

11:22:15

Hole Name :IR04002

Hole Length :140.00

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
10					100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	1745.06
20		Wacke									1736.22
30											1727.38
40		Gabbro									1718.55
50		Quartzite									1709.71
60			304527	AK 2004-20							1700.87
			304528	AK 2004-20							
			304529	AK 2004-20							
70		Gabbro									1692.03
			304530	AK 2004-20							
			304531	AK 2004-20							
			304532	AK 2004-20							
			304533	AK 2004-20							
			304534	AK 2004-20							
			304535	AK 2004-20							
			304536	AK 2004-20							
			304537	AK 2004-20							
			304538	AK 2004-20							
			304539	AK 2004-20							
			304540	AK 2004-20							
80		Gabbro									1683.20
			304541	AK 2004-20							
			304542	AK 2004-20							
			304543	AK 2004-20							
			304544	AK 2004-20							
			304545	AK 2004-20							
90		Quartzite									1674.38
100		Gabbro									1665.56
110											1656.76
			304546	AK 2004-20							
			304547	AK 2004-20							
			304548	AK 2004-20							
			304549	AK 2004-20							
			304550	AK 2004-20							
			304151	AK 2004-20							
			304452								
120		Gabbro									1647.96
			304153	AK 2004-20							
			304154	AK 2004-20							
			304155	AK 2004-20							
			304156	AK 2004-20							
			304157	AK 2004-20							
			304158	AK 2004-20							
			304159	AK 2004-20							
130											1639.18
			304160	AK 2004-20							

Scale 1:400

12/09/05

11:22:21

Hole Name :IR04003

Hole Length :235.67

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
					100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	
25		Quartzite									1457.56
		Quartz Wacke									
50		Quartz Wacke									1440.37
75		Quartz Wacke									1423.22
100		Quartz Wacke	304161 304162 304163	AK 2004-20 AR 2004-20							1406.12
125		Quartzite	304164	?							1389.08
150		Quartzite									1372.26
175		Wacke									1355.69
200		Wacke									1339.38
225		Wacke									1323.32

Scale 1:719

12/09/05

11:22:26

Hole Name :IR05001

Hole Length :496.30

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_DEPTH	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
					100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	
50		Quartzite Gabbro Siltstone Gabbro Quartzite									1108.15
100		Gabbro Siltstone Gabbro Quartzite									1072.04
150		Siltstone Gabbro Quartzite									1036.25
200		Sandstone Gabbro Quartzite Gabbro Quartzite Quartzite Quartzite									1000.74
250		Quartzite Siltstone Siltstone Siltstone Gabbro Quartzite Siltstone Siltstone									965.88
300		Siltstone Siltstone Gabbro Quartzite Siltstone Siltstone									931.89
350		Siltstone Siltstone Gabbro Quartzite Siltstone Siltstone									898.77
400		Meta-siltstone Meta-siltstone Gabbro									866.96
450		Gabbro									836.77

Scale 1:1514

12/09/05

11:22:27

Hole Name :IR05002

Hole Length :234.10

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_UNITS	DDH_LITH_RTYPE_MAJ	DDH_SAMP_DEPTH	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
					100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	
25		Siltstone									1124.95
50		Quartzite									1105.99
75		Siltstone									1087.09
100		Quartzite									1068.24
125		Siltstone									1049.46
150		Quartzite									1030.73
175		Siltstone									1012.07
200		Quartzite									993.47
225		Siltstone									974.93
		Quartzite									

Hole Name :IR05003

Hole Length :340.54

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_RTYP	DDH_LITH_RTYP_MAJ	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation	
		Quartzite		100	50	1000	1000	10	100		
		Wacke									
50		Quartzite								1384.30	
		Wacke									
		Wacke									
100		Wacke								1348.54	
		Wacke									
150		Quartz Wacke								1312.77	
		Quartz Wacke									
200		Quartzite								1277.08	
		Quartzite									
250		Wacke								1241.95	
		Wacke									
		Quartz Wacke									
300		Quartz Wacke								1207.43	

Scale 1:1039

12/09/05

11:22:36

Hole Name :IR05004

Hole Length :306.71

Hole Azimuth :

Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results							Elevation (m)
Depth At	DDH_LITH_UNITS	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
50		Gabbro			100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	1471.37
100		Gabbro									1432.51
150		Gabbro									1393.43
200		Siltstone									1354.30
250		Siltstone									1315.31
300		Gabbro									1276.44

Scale 1:936

12/09/05

11:22:37

Appendix 3.2.1 - Alteration

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

From (m)	To (m)	Alteration 1	Degree	Alteration 2	Degree	Alteration 3	Degree	Note:
2.77	49	ALBITE	3	SERICITE	3	SILICA	2	Albite Alteration is increasing with depth (more developed in the quartzites).
49	55.8	CHLORITE	4	SILICA	3	ALBITE	3	Chlorite, albite, silica, hematite restricted to narrow zones. 100% chlorite over short intervals.
55.8	66.5	ALBITE	4	CHLORITE	4			Albitized, chlorite, irregular hematite.
66.5	79.3	ALBITE	5					Gabbro originally - now highly altered/replaced by albite/hematite breccia.
79.3	83	CHLORITE	3	ALBITE	1	SILICA	2	Chlorite & hematite - with albite and silica as well.
83	87.8	SILICA	3	CHLORITE	3	ALBITE	1	
87.8	97.7	SILICA	3	CHLORITE	3	ALBITE	3	
97.7	103.8	SILICA	3	ALBITE	3	CHLORITE	3	
103.8	145.5	CHLORITE	4	ALBITE	1			Gabbro is flecked with pale, buff titanium oxide.
145.5	203.66	CHLORITE	5	ALBITE	5	SILICA	4	

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>
5.5	36.5	SERICITE	2	CHLORITE	2	ALBITE	1	
36.5	38.3	CHLORITE	3	ALBITE	2			Entire unit is soft, chloritic with albite alteration at boundaries.
38.3	68.8	CHLORITE	5	SERICITE	5	ALBITE	2	
68.8	74.22	CHLORITE	5	SILICA	5	ALBITE	5	Quite intense.
74.22	88.4	SILICA	2	CHLORITE	5	ALBITE	2	
88.4	94	SILICA	3	CHLORITE	3			Alteration is not intense.
94	108.3	CHLORITE	3	ALBITE	3	SILICA	3	
108.3	131.1	CHLORITE	5					Chloritization/hematization.

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>
20.4	26.2	CHLORITE	4					Spotting of altered gabbro with 3% pale buff oxide?
26.2	51							Mottled quartzitic wackes.
51	127.5	SERICITE	2					Sericitization hard to quantify.
127.5	175.8	SERICITE	4	CHLORITE	4			
175.8	235.67	SERICITE	4	CHLORITE	4			Bleched, light coloured sediments.

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>	
30	42.8	SILICA	2						
42.8	49.5	SERICITE	5	Dolomite	4				
58.8	73.6	SILICA	3	CHLORITE	3				
73.6	81	Limonite	3						
81	99.4	SILICA	3	Dolomite	2	Limonite	1		
99.4	130.5	Carbonate	2	Talc	2				
130.5	143.5	BIOTITE	4	Silica	3				
143.5	150.3	BIOTITE	4						
150.3	190	SILICA	4	SERICITE	1				
190	192	SILICA	4	SERICITE	1	CALCITE	1		
192	195	SILICA	4	SERICITE	1				
195	199.5	Limonite	1						
199.5	210.7	BIOTITE	3	SILICA	1				
210.7	222.7	SILICA	4	BIOTITE	1	SERICITE	1		
227.5	237.4	SILICA	4	BIOTITE	1	SERICITE	1		
237.4	243	SILICA	3	BIOTITE	2	SERICITE	2		
243	253.6	SILICA	5	SERICITE	4	BIOTITE	1		
253.6	273	SILICA	4	SERICITE	4	BIOTITE	1		
279.3	286.2	SERICITE	2	BIOTITE	1				
286.2	301.2	SILICA	4	SERICITE	4	BIOTITE	1		

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>
301	307	ALBITE	4					
301.2	307.9	SILICA	5	ALBITE	2	SERICITE	1	
307.9	335.8	BIOTITE	4					
335.8	347.6	SILICA	4	SERICITE	4	BIOTITE	1	
347.6	360	BIOTITE	4					
360	380.5	SILICA	5	SERICITE	5	BIOTITE	4	Tourmaline occurs in small and lenses rarely more that 2mm and 40mm. Tourmaline blebs occur from 371.3 to 380.5m
380.5	398.7	SILICA	3	SERICITE	3	TOURMALINE	1	
398.7	408.2	tourmaline	5	SILICA	5			
408.2	496.3	SERICITE	3					

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>
3.6	20.1	BIOTITE	1	SERICITE	1			
20.1	27.2	BIOTITE	2	CHLORITE	2	SERICITE	2	There is some calcium carbonate in this section as well.
27.2	46	BIOTITE	4	Silica	2	BIOTITE	2	
46	74	BIOTITE	1	Silica	2	SERICITE	2	
74	81.5	BIOTITE	1	CHLORITE	1			
81.5	94.4	SILICA	3	BIOTITE	3	SERICITE	2	
94.4	101.2	SILICA	4	SERICITE	4	BIOTITE	3	
101.2	106.6	SILICA	3	SERICITE	3			
136	161	SILICA	3	SERICITE	3	BIOTITE	1	
161	183.6	BIOTITE	1	Silica	3			
183.6	196.8	SILICA	3	SERICITE	1	BIOTITE	1	
196.8	217.6	BIOTITE	3	Silica	3	CHLORITE	1	
217.6	223.2	SILICA	5	SERICITE	5			
223.2	232.2	Carbonate	2	SERICITE	2	TALC	1	
232.2	234.1	SILICA	3	BIOTITE	3	SERICITE	3	

Appendix 3.2.1 - Alteration

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Alteration 1</i>	<i>Degree</i>	<i>Alteration 2</i>	<i>Degree</i>	<i>Alteration 3</i>	<i>Degree</i>	<i>Note:</i>	
3.4	25.75	BIOTITE	3	SERICITE	3				
25.75	26.13	SILICA	3	ALBITE	3				
26.13	31	BIOTITE	3	SERICITE	3				
31	34.77	BIOTITE	2						
62.2	70	BIOTITE	2						
70	132.7	BIOTITE	2						
132.7	140.3	BIOTITE	2	SERICITE	2				
140.3	208.5	BIOTITE	2	SERICITE	2	SILICA	2	Silification is increased with depth.	
208.5	214.9	SILICA	3	CHLORITE	1				
214.9	237.19	SILICA	3	CHLORITE	1	SERICITE	1		
237.19	276.8	BIOTITE	3	CHLORITE	3				
276.8	318	CHLORITE	3						
318	340.54	CHLORITE	2	BIOTITE	3			Chloritization is above the fault and Biotite is more intense in the Argillites below the fault.	

Appendix 3.2.1 - Alteration

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
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson

From (m)	To (m)	Alteration 1	Degree	Alteration 2	Degree	Alteration 3	Degree	Note:
4.09	55.3	CHLORITE	2	BIOTITE	2			
55.3	58	TOURMALINE	4					
58	171.3	CHLORITE	2	BIOTITE	2			
171.3	172.7	ALBITE	5					
172.7	196.1	ALBITE	2	SILICA	1			
196.1	268.2	SILICA	4	ALBITE	1	CHLORITE	1	
268.2	306.71	CHLORITE	3	CALCITE	3	ALBITE	1	

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes</i>
0	2.77	C	Collar							
2.77	49	MA	Quartz Wacke	Wacke	grey	yellowish		turbidite		
49	55.8	MA	Quartzite		green	dark		brecciated		Colour is green, white, grey, & dark red-brown.
55.8	66.5	AG	Gabbro		green	grey		brecciated		
66.5	79.3	AG	Gabbro		green	white		brecciated		
79.3	83	AG	Gabbro	Quartzite	grey			brecciated		
83	87.8	MA	Quartzite	Wacke	green	grey		brecciated		
87.8	97.7	AG	Gabbro	none	green	white		brecciated		Massive.
97.7	103.8	MA	Siliceous Limestone		green	grey		brecciated		Broken, altered, siliceous sediments, mottled.
103.8	145.5	AG	Gabbro		green			foliated	brecciated	
145.5	203.66	MA	Quartzite	Wacke	green	grey		fractured		Dyke 150m to 150.6 at 45 degrees

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes</i>
0	5.5	C	Collar							
5.5	36.5	MA	Wacke		yellowish	green		turbidite		
36.5	38.3	MA	Gabbro					fractured		Pale, V.f.g. gabbro dyke - upper contact at 40 degrees. But unit is MA.
38.3	68.8	MA	Quartzite	Wacke	grey	green		brecciated		
68.8	74.22	AG	Gabbro	Quartzite	green			sheared		
74.22	88.4	AG	Gabbro		green	white		brecciated		
88.4	94	S	Quartzite		light	grey		brecciated		
94	108.3	AG	Gabbro		green	greyish		cataclastic	brecciated	
108.3	131.1	AG	Gabbro		green			brecciated		

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes:</i>
0	20.4	C	Collar							
20.4	26.2	MA	Gabbro		green			foliated		
26.2	51	MA	Quartz Wacke	Mudstone	grey			turbidite		
51	127.5	MA	Quartz Wacke		grey green	reddish		foliated		
127.5	175.8	MA	Quartzite	Argillite	tan	grey		laminated		
175.8	235.67	MA	Wacke	Quartz Wacke	grey green	green	fine	fractured		

Appendix 3.2.2 - Lithology

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
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
0	29		Collar							
0	30	C	Casing							
29	42		Quartzite	Siltstone						
30	42.8		Quartzite	Siltstone	grey	white	fine			
42	63		Gabbro							
42.8	58.8		Gabbro		green		fine			Gabbro dyke cuts core at 55 degrees
58.8	73.6		Siltstone	Quartzite	grey	light		brecciated	foliated	Foliation in Breccia cuts core at 54 degrees
63	74		Breccia							
73.6	81		Gabbro		white	light	very fine	massive		Gabbro dyke appear to cut core at 57 degrees
74	80.5		Gabbro							
80.5	100		Quartzite	Siltstone						
81	99.4		Quartzite	Siltstone	white	grey		brecciated		
99.4	130.5		Gabbro		Green		Fine	massive		Upper contact is sharp and cuts core at 45 degrees, however, lower contact is gradational with the Seds.
100	131		Gabbro							
130.5	143.5		Siltstone	Argillite	greenish	grey	very fine			
131	144.5		Quartzite	Siltstone						
143.5	150.3		Argillite	Siltstone	grey	white				
144.5	151		Siltstone	Argillite						
150.3	195		Quartzite	Siltstone	grey	light	fine	laminated		At 179.0m a 10cm Fragmental unit lies parallel to the bedding.
151	196		Quartzite	Siltstone						
195	199.5		Sandstone		light	grey	medium	grit		Appears to be a massive bed formed by mainly grit sized mature, unsorted, and ungraded Quartz sand. Very little Matrix, the unit is grain supported.
196	200.5		Sandstone					grit		
199.5	210.7		Argillite	Siltstone	grey					
200.5	211.5		Siltstone	Argillite						
210.7	222.7		Quartzite	Argillite	grey	white	medium			
211.5	223		Quartzite							
222.7	227.5		Argillite	Siltstone	grey	light				Weakly developed Breccia between 222.3m and 222.8m.
227.5	237.4		Quartzite	Siltstone	grey	greenish	fine			

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes:</i>
228	238		Quartzite							
237.4	243		Quartzite	Siltstone	grey	light				
238	244.5		Quartzite	Siltstone						
243	253.6		Quartzite		bluish	grey	fine			
244.5	254.5		Quartzite							
253.6	273		Argillite	Quartz	bluish	grey	fine	laminated		
254.5	273		Argillite							
273	278		Breccia							
273	279.3		Quartzite		light	grey		brecciated		Fault Zone.
278	286		Argillite							
279.3	286.2		Siltstone	Argillite	light	brown		wavy bedded		
286	301		Siltstone	Argillite						
286.2	301.2		Siltstone	Quartzite	brown	grey				
301.2	307.9		Siltstone		White			wavy bedded		
307	335		Siltstone	Argillite						
307.9	335.8		Argillite	Siltstone	grey	brown		laminated		
335	347		Quartzite							
335.8	347.6		Quartzite		grey	green	Fine	massive		
347	359		Siltstone	Argillite						
347.6	360		Siltstone	Argillite	grey	Dark	medium			
359	379		Quartzite	Siltstone						
360	380.5		Siltstone	Quartzite	dark	grey				
379	407		Tourmalinite							
380.5	400.5		Meta-siltstone		light	grey				
400.5	402		Meta-siltstone	Lamprophyre						Lamprophyre dykes cut this core at 45 and 47 degrees. The dykes range in size from 3cm to 5cm.
402	408.2		Meta-siltstone		light	grey				
407	479.5		Gabbro							
408.2	496.3		Gabbro		green	white	coarse	massive		Gabbro dyke cuts core at 47 degrees. It is generally green with abundant white veinlets.

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes:</i>
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Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes</i>
0	6		Collar							
6	20		Siltstone	Argillite						
20	27		Lamprophyre							
27	46		Argillite							Silty Argillite interbedded
46	74		Quartzite	Siltstone						
74	81		Siltstone	Argillite						
81	94		Quartzite							
94	103		Siltstone	Argillite						
103	106		Quartzite							
106	136		Gabbro							
136	161		Quartzite							Thick to very thick bedding.
161	182		Siltstone	Argillite						
182	192		Quartzite							
192	194		Lamprophyre							
194	197		Quartzite							
197	217		Siltstone	Argillite						
217	224		Quartzite							
224	232		Lamprophyre							
232	234		Quartzite							

Appendix 3.2.2 - Lithology

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
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
0	3.4		Collar							
3.4	31		Quartzite	Argillite	grey	dark				Quartzite turns into Argillite at about 25.5m.
31	34.77		Wacke	Argillite	grey	dark		lenticular	shredded	
34.77	62.2		Quartzite	Argillite	grey					
62.2	70		Argillite		grey	blue	fine	laminated	massive	
70	72		Wacke	Argillite	grey	dark	fine			
72	81		Wacke	Argillite	grey	dark	fine			
81	132.7		Wacke	Argillite	grey	dark	fine			
132.7	140.3		Argillite	Quartz Wacke	grey					
140.3	208.5		Quartz Wacke	Argillite	dark	grey	fine		shedded	
208.5	209		Lamprophyre			grey				Dyke cuts core at 60 degrees
209	214.9		Quartz Wacke	Wacke	grey	green				
214.9	226.6		Quartzite	Argillite	grey	greenish		brecciated		
226.6	227.3		Unknown		greenish		fine			Greenish Dyke at 60 degrees
227.3	237.19		Quartzite	Argillite	grey	greenish		brecciated		
237.19	276.8		Wacke		green	brownish		laminated	massive	
276.8	282		Wacke	Quartz Wacke	grey					
282	288		Quartz Wacke		grey		fine			
288	292.5		Argillite		grey		fine	laminated		
292.5	318		Unknown							Helicopter dropped this section.
318	340.54		Quartz Wacke	Wacke	grey					

Appendix 3.2.2 - Lithology

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Map Unit</i>	<i>Major Rock Type</i>	<i>Minor Rock Type</i>	<i>Primary Colour</i>	<i>Secondary Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Secondary Texture</i>	<i>Notes:</i>
0	4.09		Collar							
4.09	171.3		Gabbro		green	white		massive		
171.3	196.1		Siltstone	Quartzite	grey	white				
196.1	268.2		Siltstone	Quartz Wacke	light	grey				
268.2	306.71		Gabbro		green	white		massive	brecciated	Below 284.5m Gabbro unit is highly foliated.

Appendix 3.2.3 - Mineralogy

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson
From (m)	To (m)	Mineralization Style	Mineralization 1	%	Mineralization 2	%	Mineralization 3	%	Notes:
2.77	49	DISSEMINATED	quartz						Hairline Fractures, particularly in the quartzites - 2 or 3 sets by ~> 21cm. Minor iron sulfide as usual. Small siliceous alteration patches with chlorite and magnetite. Quartz veins not common.
49	54	DISSEMINATED	pyrite	0	hematite	14			Overall 10 - 15% hematite. pyrite more common from 54m - 55.8m into more massive hematite.
54	55.8	DISSEMINATED	pyrite	2	hematite	10		0	
55.8	65.8	DISSEMINATED	hematite						
65.8	66.5	BLEBBY	pyrite	5	hematite	0		0	
66.5	79.3	DISSEMINATED	quartz	2	hematite	1	pyrite	0	Hematite occurs in patches but not in high percentages.
79.3	83	BLEBBY	hematite						Hematite networking - like zone above. Some quartz veining near base of interval.
83	87.8	DISSEMINATED							Minor sulfide is oxidized.
87.8	97.7	BLEBBY	pyrite	1	hematite	1			Scattered pyrite in the brecciated sections. Patchy Hematite
97.7	103.8	BLEBBY	pyrite	0	hematite				
103.8	145.5	DISSEMINATED	pyrite	1	hematite	2	magnetite	1	
145.5	203.66	DISSEMINATED	magnetite	1	pyrite	0	hematite	1	

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>
5.5	36.5	DISSEMINATED	magnetite	1	hematite	2			Quartz veining is minor.
36.5	38.3	DISSEMINATED	hematite	2	quartz	3			Hematite with albite & qartz at base of dyke.
38.3	68.8	DISSEMINATED	pyrite	0	hematite	1	magnetite	0	
68.8	74.22	DISSEMINATED	quartz	20	magnetite	1	hematite	1	
74.22	88.4	DISSEMINATED	quartz	2					
88.4	94	DISSEMINATED	pyrite	0					
94	108.3	DISSEMINATED	hematite	2					
108.3	131.1	DISSEMINATED	hematite	2	pyrite	1	magnetite	0	

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>
20.4	26.2	DISSEMINATED	quartz	1	pyrite	0			Few narrow quartz veins with pyrite traces.
26.2	51	DISSEMINATED	quartz	1					Minor Quartz veining at 60 degrees to c.a.
51	127.5	DISSEMINATED	quartz	1	pyrite	0			
127.5	175.8	DISSEMINATED	quartz	1	galena	0	pyrite	0	
175.8	235.67	DISSEMINATED	quartz	1	pyrite	0			A few quartz veins with whiter feldspar and very minor pyrite.

Appendix 3.2.3 - Mineralogy

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
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson
From (m)	To (m)	Mineralization Style	Mineralization 1	%	Mineralization 2	%	Mineralization 3	%	Notes:
30	42.8	DISSEMINATED	pyrrhotite	1	Limonite	1			
42.8	49.5	DISSEMINATED	pyrrhotite	1	Limonite	4			
58.8	73.6	VEINLETS	pyrite	1					
73.6	81	DISSEMINATED	pyrite	1					
81	99.4								
99.4	130.5	DISSEMINATED	pyrite	1					
130.5	143.5	BLEBBY	pyrite	1	Tetrahedrite	1			
143.5	150.3	DISSEMINATED	pyrrhotite	2					
195	199.5	DISSEMINATED	limonite	1					
199.5	210.7	DISSEMINATED	pyrrhotite	1					
210.7	222.7	BLEBBY	pyrrhotite						
222.3	222.8	DISSEMINATED	Sphalerite	1					
222.7	237.4	DISSEMINATED	pyrite	1			0		
223	228	DISSEMINATED	sphalerite	1		0	0		
237.4	243	BLEBBY	pyrrhotite						
243	253.6	BLEBBY	pyrrhotite						
272	272.02	MASSIVE	Galena	5	pyrite	60	0		
291	291.6	DISSEMINATED	sphalerite	2		0	0		
293.8	294.4	DISSEMINATED	Sphalerite	2			0		
316	319	DISSEMINATED	sphalerite	2		0	0		

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>
319	320.4	DISSEMINATED	Sphalerite	1				0	
322	334	VEINLETS	sphalerite	2	galena	3	arsenopyrite	3	
405	408.2	DISSEMINATED	pyrite	1				0	
408.2	496.3	VEINLETS	pyrrhotite		Chalcopyrite				

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>
27.2	46	VEINLETS	pyrrhotite	1	pyrite	1		0	
63.4	63.3	DISSEMINATED	Sphalerite	1	Galena	1		0	
74	81.5	BLEBBY	Sphalerite		Galena			0	
81.5	94.4	BLEBBY	pyrrhotite					0	
94.4	101.2	DISSEMINATED	pyrrhotite					0	
136	161	DISSEMINATED	pyrrhotite					0	
161	183.6	BLEBBY	pyrrhotite					0	
183.6	196.8	DISSEMINATED	pyrrhotite					0	
196.8	217.6	DISSEMINATED	pyrrhotite	2	pyrite	3		0	
223.2	232.2	DISSEMINATED	pyrite	1				0	

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>
31	34.77	DISSEMINATED	pyrrhotite	1		0		0	
34.77	62.2	DISSEMINATED	pyrrhotite	1		0		0	
70	132.7	DISSEMINATED	pyrrhotite	1		0		0	
140.3	208.5	VEINLETS	pyrite	2	pyrrhotite	1		0	
171.3	196.1	DISSEMINATED	pyrite	3	sphalerite	1		0	
196.1	268.2	DISSEMINATED	pyrite	1		0		0	
214.9	237.19	VEINLETS	pyrite	3	galena	1	sphalerite	1	
237.19	276.8	VEINLETS	pyrrhotite	1	pyrite	1		0	
268.2	306.71	VEINLETS	magnetite	1		0		0	
290	291	MASSIVE	pyrite	35		0		0	
318	340.54	DISSEMINATED	pyrite	1		0		0	

Appendix 3.2.3 - Mineralogy

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Mineralization Style</i>	<i>Mineralization 1</i>	<i>%</i>	<i>Mineralization 2</i>	<i>%</i>	<i>Mineralization 3</i>	<i>%</i>	<i>Notes:</i>

Appendix 3.2.4 - Shear Zones

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

From (m)	To (m)	Deformation	Angle (to CA)	Mineralogy 1 %	Mineralogy 2 %	Mineralogy 3 %	Alteration 1 Deg	Alteration 2 Deg	Alteration 3 Deg	Deg	Gauge	Clay	Oxidized	Clean	Note:
55.9	145.5	Brittle Ductile	0	hematite 1	quartz 3	pyrite 1	CHLORITE 3		0		0	0	0	0	

Appendix 3.2.4 - Shear Zones

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
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson

From (m)	To (m)	Deformation	Angle (to CA)	Mineralogy 1 %	Mineralogy 2 %	Mineralogy 3 %	Alteration 1 Deg	Alteration 2 Deg	Alteration 3 Deg	Deg	Gauge	Clay	Oxidized	Clean	Note:
68.75	131.1	Brittle ductile	0	0	0	0	0	0	0	0	0	0	0	0	

Appendix 3.2.4 - Shear Zones

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson

<i>From (m)</i>	<i>To (m)</i>	<i>Deformation</i>	<i>Angle (to CA)</i>	<i>Mineralogy 1 %</i>	<i>Mineralogy 2 %</i>	<i>Mineralogy 3 %</i>	<i>Alteration 1 Deg</i>	<i>Alteration 2 Deg</i>	<i>Alteration 3 Deg</i>	<i>Gauge</i>	<i>Clay</i>	<i>Oxidized</i>	<i>Clean</i>	<i>Note:</i>
175.01	175	Slip Planes	0	0	0	0	0	0	0	0	0	0	0	

Appendix 3.2.4 - Shear Zones

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>									
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson									
<i>From (m)</i>	<i>To (m)</i>	<i>Deformation</i>	<i>Angle (to CA)</i>	<i>Mineralogy 1 %</i>	<i>Mineralogy 2 %</i>	<i>Mineralogy 3 %</i>	<i>Alteration 1 Deg</i>	<i>Alteration 2 Deg</i>	<i>Alteration 3 Deg</i>	<i>Gauge</i>	<i>Clay</i>	<i>Oxidized</i>	<i>Clean</i>	<i>Note:</i>				
90.8	91.9	Brittle	41											2				
273	274	Brittle	27	Quartz	1									4				

Appendix 3.2.4 - Shear Zones

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson

Appendix 3.2.4 - Shear Zones

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
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson

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:
332	333.4	Brittle	20	0	0	0	0	0	0	0	1	0	0	0

Appendix 3.2.4 - Shear Zones

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
2.77	49	bedding	85						
83	87.8	bedding	60						
87.8	97.7	crenulation lineation	45						
97.7	103.8	bedding	70						
103.8	145.5	crenulation lineation	70						
145.5	203.66	bedding	80						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
5.5	36.5	bedding	80						
38.3	68.8	bedding	75						
88.4	94	bedding	50						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
20.4	26.2	crenulation lineation	40						
26.2	51	bedding	40						
51	127.5	bedding	20						
127.5	175.8	bedding	15						
175.8	235.67	bedding	20						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
30	30	bedding	33	Bedding is thick and mainly indistinct due to weathering.					
42	42	bedding	36						
66.5	66.5	bedding	30						
98	98	bedding	45						
143.5	143.5	bedding	30						
160.5	160.5	bedding	30						
190	190	bedding	30						
209.7	209.7	bedding	32						
242.5	242.5	bedding	25						
261	261	bedding	27						
279.3	279.3	bedding	25						
294	294	bedding	24						
308.5	308.5	bedding	24						
331.5	331.5	bedding	21						
372	372	bedding	26						
395	395	bedding	35						
401.8	401.8	bedding	18						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
27.2	27.2	bedding	58						
61.5	61.5	bedding	62						
75.5	75.5	bedding	63						
101	101	bedding	62						
160	160	bedding	54						
171	171	bedding	48						
196.8	217.6	Fractures	8						
197	197	bedding	56						
234.1	234.1	bedding	50						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
34.77	62.2	Bedding	25						
64.9	64.9	Bedding	30						
66.5	66.5	Bedding	28						
88.5	88.5	Bedding	38						
96.9	96.9	Bedding	33						
100	100	Bedding	33						
107	107	Bedding	34						
113	113	Bedding	26						
132	132	Bedding	40						
132.7	140.3	Bedding	30						
154.5	154.5	Bedding	35						
182.6	182.6	Bedding	25						
196	196	Bedding	25						
200.7	200.7	Bedding	33						
208.5	214.9	Bedding	55						
227.8	227.8	Bedding	55						
279	279	Bedding	52						
290	290	Bedding	43						
318	332	Bedding	50						
333.4	340.54	Bedding	40						

Appendix 3.2.5 - Structure

<i>DDH Hole Number</i>	<i>DDH Length (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Status</i>	<i>Date Complete</i>	<i>Project Geologist</i>
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson
<i>From (m)</i>	<i>To (m)</i>	<i>Structural Measurement</i>	<i>Angle (to CA)</i>	<i>Note:</i>					
185.8	185.8	Bedding	65						
234.75	234.75	Bedding	40						
250.7	250.7	Bedding	40						
257.7	257.7	Bedding	32						
284	284	Bedding	50						
304	304	Bedding	35						

Appendix 3.2.6 - Veining - Intervals

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

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:	
70.7	70.71	0	0	0	0				Quartz			chalcopyrite	0	0	0					
75.8	76.2	0	0	0	0				Quartz			chalcopyrite	0	0	0					
79.3	83	0	0	0	0				Quartz				0	0	0					
103.05	103.36	0	0	0	0				Quartz			hematite	5	pyrite	2					
103.8	145.5	25	0	0	0				Quartz			hematite	10		0					
172.5	172.55	5	0	0	0				Quartz			pyrite	2	magnetite	2	hematite	1			

Appendix 3.2.6 - Veining - Intervals

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													
IR04002	131.1	106	-65	543168	5455291	1750	COMPLETE	11/23/2004	Doug Anderson													
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:
32	32.01	1	0	0	68							magnetite	3	hematite	3	0						
33.55	35.2	165	0	0	0				Quartz			hematite	3		0	0						
36.5	36.7	20	0	0	0				Quartz			hematite	3		0	0		ALBITE				
50	50.4	40	0	0	50							hematite	3		0	0		CHLORITE	ALBITE			
53	53.01	1	0	0	0							hematite	3		0	0						
53.6	53.61	1	0	0	0							hematite	3		0	0						
57.1	57.11	1	0	0	0							hematite	3		0	0						
57.4	57.41	0	0	0	0							hematite	3		0	0						
59	59.01	0	0	0	0							hematite	3		0	0						
62.1	62.11	0	0	0	0							hematite	3		0	0						
68.8	74.22	0	0	0	0				Quartz			hematite	2	magnetite	1	pyrite	0					
78	88.4	0	0	0	0				Quartz	Calcite		hematite	2	pyrite	0	0		CHLORITE				
106.5	106.7	20	0	0	0							hematite	5		0	0						
107.8	107.81	1	0	0	0							hematite	5		0	0						
108.1	108.4	30	0	0	0							hematite	5		0	0						
108.3	131	0	0	0	0				Quartz			hematite	2	pyrite	1	0						
109.75	110	20	0	0	0							hematite	5		0	0						

Appendix 3.2.6 - Veining - Intervals

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
IR04003	235.67	235	-45	543018	5456816	1450	COMPLETE	11/25/2004	Doug Anderson

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:
26.2	51	0	0	0	60				Quartz			0	0	0					
92.15	92.4	25	0	0	0				Quartz			pyrite	0	0	0				
127.5	175.8	0.2	0	0	0				Quartz			galena	0	0	0				
175.8	235.67	0	0	0	0				Quartz			pyrite	0	0	0	KSPAR			

Appendix 3.2.6 - Veining - Intervals

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
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson

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:	
48.5	49.5	0.1	0						Quartz			pyrite	1						CHLORITE				
73.6	81		0		71				Quartz	Dolomite													
99.4	130.5	0.3	0		53				Quartz	Dolomite									TALC				
150.3	195		0		25				Quartz			pyrrhotite	1	Tourmaline	1				CALCITE	BIOTITE			
408.2	496.3		0		48				Quartz										CARBONATE				

Appendix 3.2.6 - Veining - Intervals

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
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson

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:
106.6	136	0.7	0		40				Quartz	Calcite		pyrrhotite 2	Sphalerite						

Appendix 3.2.6 - Veining - Intervals

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
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson

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:
136.4	136.5	0.1	0	0	0				Quartz			pyrrhotite	15		0		0					

Appendix 3.2.6 - Veining - Intervals

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
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson

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:
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Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR04001	543168	5455291	1754	106	-45	203.66	11/17/2004	11/21/2004	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
103.05	31					Quartz			hematite		pyrite								

Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR04002	543168	5455291	1754	106	-65	131.1	11/21/2004	11/23/2004	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
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Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR04003	543018	5456816	1450	235	-45	235.67	11/23/2004	11/25/2004	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
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Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR05001	545510	5448800	1145	122	-50	496.3	3/25/2005	4/2/2005	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
136	200	25	Smoky			Quartz	Muscovite	1	pyrite	1									
206	0.5					Quartz	Sphalerite	20											
324.3	0.5	58				Quartz	Sphalerite	5	Arsenopyrite	5									
327.9	0.5	72				Dolomite	Sphalerite	2	Galena	2									
333	0.5					Quartz	Bourmonite	1											
373	4					Quartz	Arsenopyrite	1											

Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR05002	545510	5448800	1144	302	-50	234.1	4/2/2005	4/5/2005	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
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Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>										
IRO5003	543183	5445825	1420	135	-45	340.54	4/21/2005	4/27/2005	Doug Anderson										
<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
19.78	10	0				Quartz			pyrite	5	0	0							
81	1	48				Quartz	Limonite			0	0	0							
134.3	10	0				Quartz			pyrrhotite	5	0	0							
138.7	1	0				Quartz			pyrrhotite	15	0	0							
170.5	1	10				Quartz				0	0	0							
237	19	30				Quartz			Lead	2	0	0							

Appendix 3.2.7 - Veining - Points

<i>DDH Hole Number</i>	<i>DDH Easting (NAD83)</i>	<i>DDH Northing (NAD83)</i>	<i>DDH Elevation (m)</i>	<i>DDH Azimuth (Deg)</i>	<i>DDH Dip (+ Down)</i>	<i>DDH Length (m)</i>	<i>Date Started</i>	<i>Date Completed</i>	<i>Logged By</i>
IR05004	543600	5446100	1510	160	-50	306.7	4/28/2005	4/30/2005	Doug Anderson

<i>Depth (m)</i>	<i>Width (cm)</i>	<i>Angle (to CA)</i>	<i>Colour</i>	<i>Grainsize</i>	<i>Primary Texture</i>	<i>Mineralogy 1</i>	<i>Mineralogy 2</i>	<i>Mineralogy 3</i>	<i>Sulphides 1</i>	<i>%</i>	<i>Sulphides 2</i>	<i>%</i>	<i>Sulphides 3</i>	<i>%</i>	<i>Alteration Setting</i>	<i>Alteration 1</i>	<i>Alteration 2</i>	<i>Alteration 3</i>	<i>Note:</i>
118	25	10				Quartz				0	0	0							
124.4	12	35				Quartz				0	0	0							
125.8	1	25				Quartz				0	0	0							
137	25	0				Quartz	Limonite			0	0	0							
215.5	2.5	0							pyrite	90	0	0							

Appendix 5.2.8 - Geochemistry

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	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				
107422	52	54.1	2.1	AK 2004-20	4	4	4	8	0	27	18	32	6.31	0	0	30	2	0	0	0	65	0.02	0.005	0	116	0.3100	20	0	0.64	0.04													0	
107423	54.1	55.9	1.8	AK 2004-20	5	5	10	16	0	106	46	83	7.72	0	0	5	1	0	0	0	98	0.07	0.035	0	227	1.33	30	0	2	0.02														0
107424	55.9	57.25	1.35	AK 2004-20	8	6	4	6	0	28	39	14	9.7	0	0	15	0	0	0	10	85	0.01	0	0	114	0	25	0.03	0.1	0.03														0
107425	57.25	58.55	1.3	AK 2004-20	11	12	6	14	0.2	40	29	49	10	0	0	20	3	0	0	10	123	0.06	0.025	0	121	0.35	55	0.01	1.14	0.02													0	
107426	58.55	60.2	1.65	AK 2004-20	5	5	6	19	0	56	40	128	10	0	0	10	6	0	0	5	109	0.1400	0.068	0	113	1.2300	65	0.02	2.15	0.02													0	
107427	60.2	61.7	1.5	AK 2004-20	8	9	10	18	0	77	56	110	10	0	0	30	6	0	0	10	103	0.11	0.061	0	95	0.69	40	0.03	1.69	0.02													0	
107428	61.7	64	2.3	AK 2004-20	5	7	6	13	0	46	25	98	7.83	0	0	5	4	0	0	5	93	0.24	0.104	0	134	0.5500	25	0.04	1.06	0.04													0	
107429	64	65.5	1.5	AK 2004-20	3	5	10	16	0	59	15	181	7.76	0	0	5	9	0	0	0	126	0.54	0.137	0	135	1.14	25	0.03	1.63	0.04												0		
107430	65.5	67	1.5	AK 2004-20	4	6	8	16	0.2	89	39	260	8.1	0	0	15	11	0	0	5	139	1.1100	0.071	0	151	1.47	20	0.03	1.7300	0.04												0		
107431	67	68.5	1.5	AK 2004-20	3	4	8	16	0	95	34	257	6.55	0	0	10	5	0	0	0	140	0.75	0.045	0	171	1.66	20	0.01	1.94	0.03												0		
107432	68.5	70	1.5	AK 2004-20	2	7	4	15	0	82	25	598	5.99	0	0	5	24	0	0	5	133	1.7	0.051	0	182	1.79	15	0.02	1.54	0.04													0	
107433	70	71.5	1.5	AK 2004-20	2	254	6	15	0	81	20	789	5.5	0	0	10	27	0	0	0	136	1.79	0.063	0	189	2.03	35	0.01	1.63	0.03												0		
107434	71.5	73	1.5	AK 2004-20	2	143	4	10	0	50	38	1150	5.1300	0	0	10	24	0	0	0	77	2.7300	0.059	0	130	1.55	35	0.01	0.6200	0.03												0		
107435	73	75.2	2.2	AK 2004-20	1	46	0	7	0.4000	12	13	3320	3.04	0	0	5	37	0	5	0	18	6.26	0.005	0	90	2.77	170	0	0.16	0.02												0		
107436	75.5	76.3	0.8	AK 2004-20	2	332	4	7	0	18	25	1523	4.6700	0	0	25	31	0	0	0	52	3.04	0.028	0	133	1.45	30	0.02	0.42	0.03												0		
107437	76.3	77.8	1.5	AK 2004-20	2	11	6	12	0.2000	16	20	857	4.2	0	0	10	32	0	0	0	51	2.2100	0.047	0	121	1.78	30	0	1.3500	0.02												0		
107438	77.8	79.3	1.5	AK 2004-20	2	18	6	12	0	9	11	888	4.66	0	0	30	41	0	0	0	120	3.31	0.092	0	131	1.56	25	0.01	1.1200	0.03												0		
107439	79.3	80.8	1.5	AK 2004-20	3	4	6	13	0	6	10	684	7.49	0	0	10	26	0	0	0	177	2.63	0.075	0	126	1.45	25	0.04	0.97	0.04												0		
107440	80.8	82.3	1.5	AK 2004-20	2	3	4	9	0	7	7	745	4.39	0	0	20	30	0	0	0	154	2.2200	0.129	10	121	1.13	15	0.02	0.71	0.05												0		
107441	82.3	83.1	0.8	AK 2004-20	2	3	4	9	0.4000	6	5	1249	2.79	0	0	10	39	0	0	0	65	3.51	0.08	10	111	1.84	10	0	0.64	0.03												0		
107442	92	93.5	1.5	AK 2004-20	1	2	6	21	0.4000	91	17	993	6.41	0	0	20	33	0	0	0	94	2.63	0.007	30	151	2.3	20	0	1.77	0.03												0		
107443	93.5	95	1.5	AK 2004-20	3	2	4	16	0	50	20	350	5.1700	0	0	10	12	0	0	0	66	1.2	0.024	0	114	1.2400	10	0	1.18	0.05											0			
107444	95	96.5	1.5	AK 2004-20	4	2	6	18	0.4000	30	17	275	6.65	0	0	15	13	0	0	0	45	0.73	0.07	0	68	1.15	20	0	1.2300	0.05											0			
107445	96.5	98	1.5	AK 2004-20	3	5	2	13	0.4	16	11	274	3.5	0	0	15	16	0	0	0	22	1.26	0.029	0	37	0.99	75	0	0.44	0.03											0			
107446	98	99.5	1.5	AK 2004-20	2	2	6	16	0	18	10	258	2.55	0	0	5	6	0	0	0	18	0.52	0.023	0	64	0.8100	60	0	0.9	0.03											0			
107447	99.5	101	1.5	AK 2004-20	2	2	2	10	0.2000	10	5	820	1.76	0	0	0	13	0	0	0	11	1.52	0.014	0	92	0.86	20	0	0.44	0.04											0			
107448	101	102.5	1.5	AK 2004-20	4	3	4	16	0	16	12	495	2.4400	0	0	10	11	0	0	0	17	1.04	0.021	0	71	0.86	30	0	0.77	0.03											0			
107449	102.5	104	1.5	AK 2004-20	4	23	8	33	0	81	71	697	5.83	0	0	20	30	0	0	0	105	1.8	0.03	0	139	1.7300	10	0	1.43	0.03											0			
107450	104	105.5	1.5	AK 2004-20	4	43	12	59	0	102	30	1189	6.12	0	0	10	38	0	0	0	201	2.76	0.066	0	194	3.05	15	0	2.68	0.02										0				
304501	105.5	107	1.5	AK 2004-20	3	70	22	61	0.2	104	43	1237	7.47	0	0	10	30	0	0	5	176	2.33	0.069	0	207	3.4800	40	0.02	2.81	0.03											0			
304502	107	108.5	1.5	AK 2004-20	3	71	24	56	0	89	27	1112	6.07	0	0	10	31	0	0	0	159	2	0.071	0	167	3.17	30	0.01	2.6	0.02											0			
304503	108.5	110	1.5	AK 2004-20	4	21	14	33	0.2	58	24	905	4.6900	0	0	20	30	0	0	10	84	2.09	0.036	0	120	2.26	55	0	1.46	0.02										0				
304504	110	112.3	2.3	AK 2004-20	3	41	26	52	0.2	100	31	1155	6.97	0	0	15	40	0	0	10	170	2.89	0.038	0	193	3.66	40	0.01	2.93	0.02										0				
304505	112.3	113.5	1.2	AK 2004-20	6	5	10	16	0.2	64	84	244	8.2100	0	0	25	10	0	0	20	84	0.95	0.027	0	53	0.7	40	0.03	0.59	0.04										0				
304506	113.5	114.5	1	AK 2004-20	4	3	16	32	0.3	51	42	365	6.83	0	0	10	15	0	0	5	109	1.04	0.035	0	39	1.64	35	0.02	1.64	0.04										0				
304507	114.5	116.3	1.8	AK 2004-20	5	12	28	45	0.2	66	53	506	7.9600	0	0	15	19	0	0	15	181	1.44	0.032	0	114	2.9900	35	0.01	3.11	0.02										0				
304508	116.3	118	1.7	AK 2004-20	6	4	10	13	0.2	43	52	423	9.2200	0	0	20	21	0	0	15	95	1.55	0.02	0	42	0.65	40	0.03	0.59	0.03										0				
304509	118	119.4	1.4	AK 2004-20	4	14	24	35	0.2	35	30	326	6.27	0	0	15	9	0	0	10	153	0.57	0.036	0	34	2.11	25	0.02	2.2200	0.02										0				
304510	119.4	120.6	1.2	AK 2004-20	3	12	8	15	0.2	61	77	359	6.9200	0	0	20	16	0	0	15	73	1.1100	0.036	0	37	0.63	30	0.04	0.57	0.04										0				
304511	120.6	122	1.4	AK 2004-20	4	13	20	33	0	52	45	347	6.45	0	0	15	9	0	0	5	126	0.67	0.04	0	35	1.76	35	0																

Appendix 5.2.8 - Geochemistry

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
IR04001	203.66	106	-45	543168	5455291	1754	COMPLETE	11/21/2004	Doug Anderson

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Tk 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
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Appendix 5.2.8 - Geochemistry

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																												
IR04002	131.1	106	-65	543168	6455291	1754	COMPLETE	11/23/2004	Doug Anderson																												
Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	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	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Se ppm	S %	Ga ppm	Sc ppm	Tl ppm
304151	115.25	117.1	1.85	AK 2004-20	4	17	22	45	0	120	41	846	7.9600	0	0	20	27	0	0	10	160	2.15	0.049	0	220	2.85	65	0.01	2.53	0.02	0						
304153	118.6	120.1	1.5	AK 2004-20	4	7	24	41	0	78	35	886	7.64	0	0	15	18	0	0	15	127	1.75	0.018	0	189	2.7000	35	0.01	2.36	0.02	0						
304154	120.1	121.6	1.5	AK 2004-20	3	7	38	60	0	94	50	702	8.58	0	0	20	5	0	0	15	180	0.72	0.024	0	264	3.7400	35	0.01	3.68	0.02	0						
304155	121.6	123.1	1.5	AK 2004-20	5	5	16	29	0	72	89	445	8.3800	0	0	15	6	1	0	15	97	0.77	0.015	0	187	1.7	35	0.02	1.68	0.03	0						
304156	123.1	124.6	1.5	AK 2004-20	4	8	24	39	0	63	42	514	8.2200	0	0	15	6	0	0	10	135	0.7	0.017	0	200	2.41	30	0.01	2.38	0.02	0						
304157	124.6	126.1	1.5	AK 2004-20	4	5	18	27	0	91	68	410	7.18	0	0	20	8	0	0	10	69	0.8100	0.015	0	153	1.6100	30	0.01	1.68	0.03	0						
304158	126.1	127.6	1.5	AK 2004-20	3	4	22	32	0	61	37	657	7.15	0	0	15	24	0	0	15	116	1.7400	0.024	0	201	2.17	25	0.02	2.08	0.02	0						
304159	127.6	129.1	1.5	AK 2004-20	4	18	32	47	0	69	22	937	7.93	0	0	10	29	0	0	10	152	2.01	0.023	0	240	3.61	45	0.02	3.26	0.02	0						
304160	129.1	131.1	2	AK 2004-20	7	6	14	22	0	24	54	293	8.54	0	0	25	46	0	0	10	49	2.2200	0.136	0	89	1.16	35	0.01	1.04	0	0						
304527	54.2	55.2	1	AK 2004-20	4	2	24	18	0	25	21	106	4.62	0	0	20	0	0	0	5	34	0.07	0.022	0	58	1.79	45	0	2.06	0.01	0						
304528	55.2	56.2	1	AK 2004-20	3	1	24	17	0	26	15	115	4.9200	0	0	10	2	0	0	10	44	0.08	0.023	0	70	1.88	35	0	2.2100	0.01	0						
304529	56.2	57.5	1.3	AK 2004-20	3	1	12	10	0	30	18	47	3.66	0	0	10	2	0	0	5	33	0.03	0.019	0	57	0.7	25	0	1.03	0.02	0						
304530	64.6	65.6	1	AK 2004-20	1	2	8	4	0	10	8	69	1.41	0	0	15	0	0	0	0	11	0.03	0.01	0	89	0.25	15	0	0.39	0.03	0						
304531	65.6	66.6	1	AK 2004-20	3	0	12	8	0	8	5	58	2.14	0	0	10	1	0	0	0	27	0.02	0.005	0	82	0.71	15	0	0.86	0.01	0						
304532	66.6	67.6	1	AK 2004-20	2	2	10	7	0	14	8	78	2.17	0	0	10	4	0	0	5	23	0.29	0.013	0	113	0.51	15	0	0.67	0.03	0						
304533	67.6	68.8	1.2	AK 2004-20	2	1	6	4	0	16	10	64	1.78	0	0	10	1	0	0	0	25	0.29	0.011	0	119	0.27	10	0	0.43	0.02	0						
304534	68.8	70.3	1.5	AK 2004-20	2	1	16	11	0	65	15	148	4.86	0	0	5	3	0	0	0	85	0.39	0.043	0	243	1.34	25	0	1.7	0.02	0						
304535	70.3	71.8	1.5	AK 2004-20	3	2	16	14	0	45	23	123	5.08	0	0	10	2	0	0	0	77	0.3700	0.041	0	237	1.16	25	0	1.53	0.02	0						
304536	71.8	72.8	1	AK 2004-20	4	4	18	12	0	36	35	149	6.14	0	0	10	7	0	0	10	68	0.78	0.03	0	188	1.17	25	0.01	1.51	0.01	0						
304537	72.8	74.25	1.45	AK 2004-20	10	7	24	18	0	70	71	82	10	0	0	25	2	1	0	20	108	0.22	0.079	0	112	1.21	50	0.03	2.38	0.02	0						
304538	74.25	76	1.75	AK 2004-20	2	2	12	10	0	15	12	518	6.38	0	0	5	46	0	0	10	99	3.7300	0.061	0	157	1.3600	20	0.04	1.3500	0.03	0						
304539	76	78	2	AK 2004-20	3	7	20	15	0	30	14	450	5.8	0	0	10	41	0	0	5	97	3.28	0.06	0	152	2.28	25	0	2.4600	0.01	0						
304540	78	79.5	1.5	AK 2004-20	0	4	2	6	0	7	7	939	1.7	0	0	5	22	0	0	0	12	3.31	0.004	0	146	1.13	10	0	0.24	0.01	0						
304541	79.5	81	1.5	AK 2004-20	5	60	12	11	0	75	118	1162	6.22	20	0	45	28	0	0	10	38	3.51	0.011	0	120	1.68	40	0	0.79	0.01	0						
304542	81	82.5	1.5	AK 2004-20	2	36	8	9	0	56	85	1924	4.84	0	0	35	38	0	0	5	22	4.37	0.016	0	96	2.29	35	0	0.5500	0.01	0						
304543	82.5	84	1.5	AK 2004-20	3	86	12	11	0	28	40	739	3.9	0	0	50	24	0	0	0	34	2.1900	0.037	0	131	1.38	25	0	1.05	0.01	0						
304544	84	85.5	1.5	AK 2004-20	3	32	22	20	0	14	20	779	6.63	0	0	20	26	0	0	5	69	2.4400	0.049	0	148	2.7300	25	0.01	2.4500	0.01	0						
304545	85.5	87	1.5	AK 2004-20	2	1	16	13	0	8	9	340	2.88	0	0	10	18	0	5	0	21	1.72	0.039	0	105	1.64	10	0	1.42	0.02	0						
304546	108.3	109.8	1.5	AK 2004-20	10	6	10	20	0	61	74	276	10	0	0	30	10	1	0	15	74	1.0900	0.07	0	60	1.01	55	0	1.05	0.04	0						
304547	109.8	111.3	1.5	AK 2004-20	6	3	12	17	0	25	36	193	8.49	0	0	10	11	0	0	0	93	0.6200	0.123	0	119	0.85	45	0.02	1.28	0.02	0						
304548	111.3	112.8	1.5	AK 2004-20	6	4	10	17	0	28	48	353	6.89	0	0	10	19	0	0	10	51	1.4800	0.089	0	89	1.0900	65	0	1.01	0.02	0						
304549	112.8	114.05	1.25	AK 2004-20	9	7	4	19	0	31	60	417	10	0	0	25	20	1	0	20	61	1.21	0.004	0	67	1.04	55	0.01	0.3	0	0						
304550	114.05	115.25	1.2	AK 2004-20	6	6	4	15	0	23	37	343	7.31	0	0	55	23	0	0	15	37	1.32	0.02	0	127	0.86	30	0	0.23	0	0						

Appendix 5.2.8 - Geochemistry

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																														
IR05001	496.3	122	-50	545510	5448800	1145	COMPLETE	4/2/2005	Doug Anderson																														
Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	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	Cr ppm	P %	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	S %	Ga ppm	Se ppm	Tl ppm	
304981	390	391	1	AK 2005-32	2	2	8	15	0.2	18	31	248	1.49	140	10	15	7	1	5	5	3	0.51	210	40	75	0.34	35	0.01	0.7	0.02	10								
304982	391	392	1	AK 2005-32	2	1	50	14	0.2	18	37	484	1.46	1570	10	20	26	1	5	5	4	1.75	320	10	50	0.29	30	0.01	0.43	0.01	10								
304983	392	393	1	AK 2005-32	2	1	14	7	0.2	6	4	365	0.59	50	10	10	18	1	5	5	3	1.21	250	20	70	0.12	25	0.01	0.33	0.01	10								
304984	393	394	1	AK 2005-32	1	2	6	1	0.2	8	8	59	0.27	370	10	10	7	1	5	5	2	0.43	210	40	133	0.02	20	0.01	0.27	0.01	10								
304985	394	395	1	AK 2005-32	2	2	6	2	0.2	14	20	48	0.25	1150	10	15	4	1	5	5	2	0.36	320	40	66	0.02	25	0.01	0.31	0.01	10								
304986	395	396	1	AK 2005-32	1	2	2	1	0.2	6	5	39	0.18	10	10	10	1	1	5	5	2	0.29	320	30	121	0.01	20	0.01	0.24	0.01	10								
304987	396	397	1	AK 2005-32	3	5	6	14	0.2	8	7	426	2.31	5	10	10	40	1	5	5	177	1.91	280	30	117	0.38	25	0.06	0.48	0.02	10								
304988	397	398	1	AK 2005-32	1	4	4	2	0.2	5	4	61	0.22	75	10	15	2	1	5	5	3	0.3	300	30	123	0.02	25	0.01	0.28	0.01	10								
304989	398	399	1	AK 2005-32	3	2	30	4	0.2	5	3	46	0.19	20	10	10	2	1	5	5	3	0.36	350	40	97	0.02	25	0.01	0.27	0.02	10								
304990	399	400	1	AK 2005-32	1	4	2	1	0.2	4	2	42	0.23	5	10	10	1	1	5	5	2	0.23	270	30	138	0.04	20	0.01	0.25	0.01	10								
304991	400	401	1	AK 2005-32	3	8	34	87	0.2	24	6	200	0.89	5	10	10	34	1	5	5	11	1.45	560	30	100	0.57	25	0.01	0.33	0.02	10								
304992	401	402	1	AK 2005-32	2	10	6	23	0	67	22	660	2.21	35	0	10	0.64	0	15	0	36	4.49	0.139	20	131	2.17	60	0.03		0.03	0								
304993	402	403	1	AK 2005-32	3	2	4	3	0	7	15	31	0.21	20	0	10	0.27	0	0	0	3	0.17	0.032	40	92	0.05	25	0		0.02	0								
304994	403	404	1	AK 2005-32	1	2	2	2	0.2	6	8	22	0.2	10	10	10	1	1	5	5	3	0.09	310	40	123	0.02	25	0.01	0.29	0.01	10								
304995	404	405	1	AK 2005-32	3	2	2	2	0.2	6	6	37	0.22	10	10	10	1	1	5	5	2	0.23	380	30	111	0.06	20	0.01	0.26	0.01	10								

Appendix 5.2.8 - Geochemistry

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
IR05002	234.1	302	-50	545510	5448800	1144	COMPLETE	4/5/2005	Doug Anderson

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	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	Y ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Se ppm	S %	Ga ppm	Ge ppm	Tl ppm
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Appendix 5.2.8 - Geochemistry

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																																			
IR05003	340.54	135	-45	543183	5445825	1420	COMPLETE	4/27/2005	Doug Anderson																																			
Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	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	Cr ppm	P ppm	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				
304952	215.15	216.15	0		2	24	174	265	2.5	19	14	136	3.12	2310	10	225	12	1	50	5	5	0.14	350	20	67	0.03	35	0.01	0.48	0.01												10		
304953	216.15	217.15	0		3	25	504	325	3	19	13	122	3.37	3225	10	450	18	1	45	5	4	0.31	220	10	56	0.1	25	0.01	0.44	0.01													10	
304954	217.15	218.15	0		2	29	116	154	4.8	18	14	457	3.05	1380	10	200	54	1	30	5	4	0.76	240	10	53	0.34	25	0.01	0.44	0.01													10	
304955	218.15	219.15	0		1	17	1792	1106	4.1	15	13	189	3.48	6985	10	1000	25	1	90	5	4	0.37	180	10	68	0.12	30	0.01	0.4	0.01														10
304956	219.15	220	0		1	18	462	277	6.2	5	6	242	1.05	3020	10	240	15	1	165	5	2	0.29	130	10	101	0.09	20	0.01	0.24	0.01														10
304957	220	221	0		2	34	166	209	3.3	16	9	488	2.08	2280	10	255	67	1	65	5	4	1.03	300	10	95	0.35	25	0.01	0.36	0.02														10
304958	221	222	0		1	10	32	81	1	5	3	227	0.98	380	10	35	27	1	15	5	3	0.6	160	10	106	0.19	25	0.01	0.29	0.03														10
304960	223	224	0		2	128	76	117	25.5	20	12	221	3.01	545	10	65	33	1	90	5	5	0.65	280	10	43	0.28	35	0.01	0.73	0.01														10
304961	224	225	0		3	24	90	574	3.7	11	8	177	2.21	365	10	40	27	2	30	5	3	0.5	250	10	58	0.22	25	0.01	0.56	0.02														10
304962	225	226.5	0		4	23	16	30	1.1	23	9	293	2.5	125	10	15	29	1	5	5	8	0.76	280	50	86	0.37	30	0.01	0.61	0.04														10
304963	226.5	227.2	0		2	36	4	20	1.2	251	39	1002	4.35	150	10	15	334	1	10	5	49	5.5	1340	10	155	5.43	75	0.01	0.94	0.01													10	
304964	227.2	228.2	0		3	26	4	84	1.6	20	13	375	3.39	125	10	20	16	1	5	5	5	0.46	330	10	23	0.47	40	0.01	0.53	0.01														10
304965	228.2	229.2	0		3	38	10	16	1.1	20	13	337	3.1	185	10	30	23	1	5	5	5	0.56	230	10	52	0.42	30	0.01	0.49	0.02														10
304966	229.2	230.2	0		3	54	16	45	2.1	32	20	251	3.85	175	10	40	22	1	5	5	4	0.48	130	10	103	0.3	20	0.01	0.7	0.04														10
304967	230.2	231.2	0		3	30	78	197	3.5	20	13	312	3.49	135	10	35	19	1	5	5	5	0.44	210	10	57	0.35	30	0.01	0.78	0.02														10
304968	231.2	232.2	0		3	28	8	34	1.2	17	15	359	3.31	60	10	30	26	1	5	5	4	0.64	280	10	44	0.42	30	0.01	0.61	0.02														10
304969	232.2	233.2	0		2	13	18	12	1.2	16	10	302	2.69	1320	10	105	26	1	5	5	4	0.47	260	10	49	0.35	25	0.01	0.42	0.01														10
304970	233.2	234.2	0		3	19	48	123	3.8	18	12	343	2.85	2785	10	280	54	1	5	5	3	0.76	170	10	71	0.34	30	0.01	0.35	0.02														10
304971	234.2	235.2	0		3	38	188	572	11.2	13	9	332	2.37	2795	10	390	55	1	25	5	3	0.78	220	10	75	0.32	25	0.01	0.39	0.01													10	
304972	235.2	236.2	0		3	156	1254	1538	38	39	27	246	4.61	9480	10	1299	38	1	225	5	3	0.55	170	10	85	0.21	35	0.01	0.35	0.01													10	
304973	236.2	237.2	0		1	225	11700	7585	64	24	15	463	5.53	7325	10	6350	45	19	60	5	3	0.66	190	10	48	0.3	35	0.01	0.48	0.01													10	
304974	213.67	215.15	0		2	36	30	52	2.3	15	16	406	3.06	235	10	45	27	1	5	5	4	0.52	160	10	75	0.4	25	0.01	0.44	0.02													10	

Appendix 5.2.8 - Geochemistry

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
IR05004	306.7	160	-50	543600	5446100	1510	COMPLETE	4/30/2005	Doug Anderson

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Tk 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	Se ppm	S %	Ga ppm	Ge ppm	Tl ppm
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