2005 GEOLOGICAL REPORT

FOR THE

SPHINX PROPERTY

Nelson / Fort Steele Mining Division, Southeastern B.C.
Mapsheets 82F057, 82F067
Latitude 49°38' N, Longitude 116°40'W

VOLUME III
APPENDICES

APPENDIX V DIAMOND DRILL LOGS

Prepared for

EAGLE PLAINS RESOURCES LTD.
200-16 11th Ave. S.
Cranbrook, B.C., V1C 2P1
Tel: 1 250 426-0749 Fax: 1 250 426-6899
Email: info@eagleplains.ca
Fax: 604 669 3041

by

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

and

David Pighin, P.Geo
High-Grade Geological Consulting
301 8th St. S.
Cranbrook B.C., Canada

December 02, 2005

APPENDIX V

DIAMOND DRILL LOGS AND SECTIONS

5.1 DDH Strip Logs
5.1.1 Lithology and Alteration
5.1.2 Mineralization and Veining
5.1.3 Geochemical Results
5.2 Diamond Drill Logs
5.2.1 Alteration
5.2.2 Lithology
5.2.3 Mineralogy
5.2.4 Shear Zones
5.2.5 Veining - Intervals
5.2.6 Veining - Points
5.2.7 Geochemistry

Legend - Global - Alteration

- ?
- ANKERITE
- BIOTITE
- BLEACHED
- CARBONATE
- CHLORITE
- CLAY
- EPIDOTE
- FE STAINING
- FLOURITE
- KSPAR
- NONE
- PYRITE
- SERICITE
- SILICA
- TOURMALINE

Legend - Global - Min Style

- BLEBBY
- DISSEMINATED
- FRACTURES
- MASSIVE
- NODULAR
- NONE
- SEMIMASSIVE
- VEINLETS

Legend - Global - Lithology

- Amphibolite
- Andesite
- Aplite
- Argillite
- Arkosic Grit
- Breccia
- Calc-silicate
- Casing
- Collar
- Dacite
- Diorite
- Dolomitic Mudstone
- Dolomitic Sandstone
- Felsic Intrusive
- 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 Prophyry
- Quartz-Feldspar Porphyry
- Quartzite
- Rubble
- Sandstone
- Siliceous Limestone
- Siltstone
- Skarn
- Tonalite
- Tuff
- Vein Material
- Void

Legend - Global - Mineralization

- ?
- arsenopyrite
- azurite
- chalcopyrite
- galena
- gold
- ilmenite
- magnetite
- malachite
- moly
- none
- pyrite
- pyrrhotite
- scheelite
- sphalerite
- tetrahedrite

5.1.1 Lithology and Alteration

Hole Name :SX05001

Hole Name :SX05001	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Lasm	?									
				Meta-siltstone	?			2		1		1	Black Biotite specks produce a spotted hornfels texture.	
				Siltstone	Siltstone is speckled with sericite.			4		4		2	Yellowish blebs of sericite overprint previous alteration.	
				Greenstone	Sill or Dyke? Cuts core at 50 degrees.			1		1		?	Carbonization of Meta-Seds adjacent to contacts.	
50														1722.82
				Siltstone	?			3		?		?	?	
100														1688.01
					Dyke cuts core a 30 degrees.									
150				Quartzite	?			4		1		?	?	1653.54
				Quartzite	?									
					Cuts core at 52 degrees.									
				Quartzite	?			3		3		1	?	
200														1619.57
				Meta-siltstone	?									
				Greenstone	Rock is totally recrytallized and cuts core at 58 degrees.									
				Meta-siltstone	?			4		3		?	?	
250														1586.52
				Quartzite	?			4		3		?	?	
300														1554.40
				Greenstone	Fine parallel mineral lineation at 56 degrees to the core axis.									
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Meta-siltstone	?			2		1		1	?	

Scale 1:1020	11/25/05	09:14:43

Hole Name :SX05002

Hole Name :SX05002	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)
				Hornfels ?			4		1		?	?	
25													1733.88
				Meta-siltstone ?			4		?		?	?	
50													1709.78
75				Hornfels ?			3		1		?	?	1685.70
100				Quartzite ?			4		2		?	?	1661.63
				Greenstone ?			1		?		?	?	
125				Quartzite ?			3		?		?	?	1637.57
150				Quartzite	Fault zone, consist of Breccia and soft fault gauge.								1613.51
				Quartzite	Meta-siltstone is Phyllitic.		3		?		?	?	
175				Quartzite ?			2		?		?	?	1589.46
200				Greenstone ?			2		1		?	?	1565.40
				Quartzite ?			3		?		?	?	
225													1541.35

Scale 1:684	11/25/05	09:14:50

Hole Name :SX05003

Hole Name :SX05003	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	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Quartzite ?			4		4		?	?	1740.38
50				Phy Siltstone ?									1722.90
75							3		?		?	?	1705.53
100				Greenstone ?									1688.29
125				Phy Siltstone ?									1671.07
150	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Phy Siltstone ?			3		?		?	?	1653.89

Scale 1:492	11/25/05	09:14:56

Hole Name :SX05004

Hole Name :SX05004	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)
20													1758.86
30													1751.79
40													1744.72
50													1737.66
60													1730.59
70				Phyllite ?			3		1		? ?		1723.53
80													1716.46
90													1709.40
100													1702.34
110													1695.28
120													1688.22
130													1681.16

Scale 1:380	11/25/05	09:15:07

Hole Name :SX05005

Hole Name :SX05005	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				Phy Siltstone ?			3		?		? ?		1718.16
				Greenstone ?			3		?		? ?		
100				Phy Siltstone — In general meta-sediments consist of paper thin layers of sericite and quartz.			3		?		? ?		1684.44
150				Phy Siltstone ?			2		?		? ?		1651.84
				Hornfels ?			2		1		? ?		
200				Quartzite ?									1620.34
				Greenstone ?									
250				Quartzite ?									1589.77
				Q-Monzonite — Sill cuts core at 38 degrees.									
				Quartzite ?									
300				Q-Monzonite — Sill cuts core at 47 degrees.			4		4		1 ?		1559.98
				Quartzite ?									
				Aplite — Cuts core at 46 degrees and is parallel to foliation.									
350				Quartzite ?									1530.98

Scale 1:1150	11/25/05	09:15:16

Hole Name :SX05006

Hole Name :SX05006	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	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing ?									
				Siltstone ?			4		1		?	?	1726.47
100				Q Monzonite Cuts core at 49 degrees.									1691.31
				Siltstone ?									
				Q Monzonite Cuts core at 14 degrees.			4		4		?	?	
				Mafic siltstone ?									
				Q Monzonite ?									
				Siltstone ?			4		4		?	?	
150				Siltstone ?									1657.15
				Q Monzonite Cuts core at 21 degrees.									
				Siltstone ?									
				Phyllite ?			3		2		?	?	
200													1623.96
				Quartzite ?			5		4		1	?	
250				Siltstone ?			5		4		?	?	1591.70
				Greenstone ?			4		4		?	?	
				Hornfels ?			4		?		?	?	
				Hornfels ?			2		2		2	?	
300													1560.64
				Quartzite ?			2		2		2	?	
350	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											1531.06

Scale 1:1074	11/25/05	09:15:24

Hole Name :SX05007

Hole Name :SX05007	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing ?									
25				Amphibolite ?			2		2		2	?	1911.71
50				Siltstone ?			4		4		?	?	1892.42
75				Argillite ?									1873.16
				Aplite — Dyke hosts Moly vein and cuts core at 41 degrees.									
				Argillite ?									
				Aplite — Dyke cuts core at 30 degrees.									
100													1853.94
							3		1		1	?	
125				Argillite ?									1834.76
150				Quartzite — Cuts core at 45 degrees.									1815.79
175				Argillite ?									1797.10
				Siltstone ?									
200													1778.68
				Q Monzonite — Cuts core at 35 degrees.			3		?		?	?	
				Siltstone ?									
225				Siltstone ?									1760.53
				Siltstone ?									
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											

Scale 1:718	11/25/05	09:15:31

Hole Name :SX05008

Hole Name :SX05008	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Overburden	?									
25				Siltstone	?			4		2		?	?	1755.54
				Siliceous Limestone	?			3		2		?	?	
50				Siltstone	?			4		1		?	?	1738.58
75				Quartzite	?			4		4		?	?	1722.11
100				Siltstone	?			4		4		?	?	1706.13
125														1690.64
150														1675.61
175														1660.96
200	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Quartzite	?			4		1		?	?	1646.70

Scale 1:630	11/25/05	09:15:40

Hole Name :SX05009

Hole Name :SX05009	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Amphibolite ?									
25				Amphibolite ?			4		2		?	?	1913.51
50				Siltstone ?			4		?		?	?	1896.43
				Amphibolite ?			3		?		?	?	
75				Siltstone ?			2		3		3	?	1879.76
100				Amphibolite ?			2		?		?	?	1863.49
125				Siltstone ?			3		3		?	?	1847.63
				Amphibolite ?			3		3		?	?	
150				Phyllite ?			3		3		1	?	1832.14
175													1817.01
200				Siltstone ?			2		2		1	?	1802.23
225	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											1787.81

Scale 1:708	11/25/05	09:15:46

Hole Name :SX05010

Hole Name :SX05010	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)
10	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Overburden ?									1754.93
20				Siltstone ?									1747.86
30							3		2		?	?	1740.79
40													1733.72
50				Siltstone ?			3		3		?	?	1726.64
60													1719.57
70				Siltstone ?			4		4		?	?	1712.50
80													1705.43
90													1698.36
100													1691.29
110				Argillite ?			4		2		?	?	1684.22
120													1677.15
130													1670.08
140	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											1663.01

Scale 1:445	11/25/05	09:15:55

Hole Name :SX05011

Hole Name :SX05011	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing	?									
				Quartzite	?									
				Q Monzonite	Cuts core at 10 and 40 degrees. Contacts are irregular.									
25				Quartzite	?			4		?		?	?	1831.81
50				Quartzite	?			3		2		?	?	1812.82
75				Quartzite	?			3		?		?	?	1794.06
				Quartzite	?									
100				Siltstone	?			4		4		2	Some of the Biotite is altereed to Chlorite.	1775.55
				Quartzite	?			3		2		?	?	
125				Siltstone	?			4		4		2	?	1757.32
150				Siltstone	?			4		1		?	Pre-existion biotite has been altered to seritcite.	1739.36
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10												

Scale 1:472	11/25/05	09:16:03

Hole Name :SX05012

Hole Name :SX05012	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing ?									
				Quartzite ?									
				Aplite Dyke is 50cm thick and cuts the core at 18 and 51 degrees									
				Quartzite ?			4		4		2	?	
				Monzonite Sill cuts core at 26 degrees.									
				Quartzite ?									
50				Q Monzonite ?			3		3		?	?	1815.99
				Q Monzonite Lower contact very irregular , but about 8 degrees to the core axis.			3		?		?	?	1781.93
100													
													1748.83
150													
													1716.84
200				Quartzite ?									
				Quartzite Thin Aplite dykes in this section range in size between 2cm and 10cm.									
				Quartzite ?									
250				Q Monzonite Dyke cuts core at 25 degrees.									1686.18
				Quartzite ?			4		4		1	?	
				Q Monzonite Dyke cuts core at 23 degrees									
				Quartzite ?									
300	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											1656.81

Scale 1:928	11/25/05	09:16:07

Hole Name :SX05013

Hole Name :SX05013	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)
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											
25				Skarn ?									
				Argillite ?			3		2		1	?	2001.90
				Hornfels ?									
				Greenstone ?									
50				Hornfels ?			2		2		?	?	1982.88
				Hornfels The Hornfels are interbedded by the Skarn. The Skarn is generaly very vuggy.			2		2		?	?	
75													1963.95
100													1945.08
				Siltstone ?			4		3		?	?	
125													1926.32
				Quartzite ?			4		3		?	?	
150				Siltstone ?			4		3		?	?	1907.75
175				Quartzite ?			3		?		?	?	1889.35
				Siltstone ?			4		3		2	?	
200													1871.14
				Quartzite ?			4		1		1	?	
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											

Scale 1:655	11/25/05	09:16:18

Hole Name :SX05014

Hole Name :SX05014	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	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Argillite ?									2003.37
50													1985.90
75				Argillite ?									1968.59
100													1951.45
125													1934.47
150	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10											1917.66

Scale 1:502	11/25/05	09:16:26

5.1.2 Mineralization and Veining

Hole Name :SX05001

Hole Length :341.00	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)
50		Casing Meta-siltstone Siltstone Greenstone		2 2 3	2 2 1	0 1 1					1722.82
100		Siltstone		3 1	1 1	0 1					1688.01
150		Greenstone Quartzite Quartzite Q-Monzonite		3	2	0					1653.54
200		Quartzite		3	2	1			1% moly 1% moly 1% moly		1619.57
250		Meta-siltstone Greenstone Meta-siltstone Quartzite		3	2	2	4% moly; 5% pyrite		25% pyrite 4% moly; 5% pyrite 4% moly; 5% pyrite 4% moly; 5% pyrite		1586.52
300		Quartzite Greenstone Meta-siltstone		3 25 3	2 0 2	2 0 2			3% moly; 1% magnetite		1554.40

Scale 1:1028	12/01/05	15:13:30

Hole Name :SX05002

Hole Length :231.10 | 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		Hornfels		1 1 ?					1733.88
		Meta-siltstone		2 1 ?					
50									1709.78
75		Hornfels		? ? ?					1685.70
100		Quartzite		3 2 ?					1661.63
		Greenstone		3 1 ?					
125		Quartzite		2 2 ?					1637.57
150									1613.51
		Quartzite		1 1 ?					
		Quartzite		2 2 ?					
175		Quartzite		2 2 ?					1589.46
				2 2 1			2% pyrite; 1% moly; 1% sphalerite		
							2% pyrite; 1% moly; 1% sphalerite		
				2 2 ?					
							3% pyrite; 3% magnetite; 1% moly		
200		Greenstone		? 1 ?					1565.40
		Quartzite		? ? ?					
225									1541.35

Scale 1:689 | 12/01/05 | 15:13:37

Hole Name :SX05003

Hole Length :175.00	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)
25		Quartzite		? ? ?		1 0 1 1 1 0 0 1 0 1 2 1 1 1 1 3 1 1 2 3 1 5 2 1 1 7 1 2 10 3 5 0 0 1 3 3 7 3 3 3 1 2 3 5 1 2 3 4 3 1 2 3 10 1 1 1 1 1 3 1 1 7 10 2 2 4 1 1 1 2 0 1 3 1 1 0 0 0 1 1 2 1 1 0 1 0 1 0 0 1 0 0 0 0 1 1		05566 05567 05568 05569 05570 05571 05572 05573 05574 05575 05576 05577 05578 05579 05580 05581 05582 05583 05584 05585 05586 05587 05588 05589 05590 05591 05592 05593 05594 05595 05596 05597 05598 05599 05600 05601 05602 05603 05604 05605 05606 05607 05608 05609 05610 05611 05612 05613 05614 05615 05616 05617 05618 05619 05620 05621 05622 05623 05624 05625 05626 05627 05628 05629 05630 05631 05632 05633 05634 05635 05636 05637 05638 05639 05640 05641 05642 05643 05644 05645 05646 05647 05648 05649 05650 05651 05652 05653 05654 05655 05656 05657 05658 05659 05660 05661 05662	1740.38
50		Phy Siltstone							1722.90
75				2 2 ?					1705.53
100		Greenstone							1688.29
125		Phy Siltstone							1671.07
150		Phy Siltstone		? 1 ?					1653.89

Scale 1:496	12/01/05	15:13:44

Hole Name :SX05004

Hole Length :136.60	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)
20									1758.86
30									1751.79
40									1744.72
50									1737.66
60									1730.59
70		Phyllite	2	1	1				1723.53
80									1716.46
90									1709.40
100									1702.34
110									1695.28
120									1688.22
130									1681.16

Scale 1:383	12/01/05	15:13:55

Hole Name :SX05005

Hole Length :391.70	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		Phy Siltstone		1	2	?					1718.16
100		Greenstone									1684.44
		Phy Siltstone									
150		Phy Siltstone		1	2	2					1651.84
		Phy Siltstone		1	2	1					
		Hornfels		1	?	?					
200		Quartzite		1	2	?					1620.34
		Greenstone		3	?	?					
250		Quartzite		1	2	?					1589.77
		Q-Monzonite		1	2	?					
300		Quartzite		1	2	?					1559.98
		Aplite		1	2	?					
350		Quartzite		1	2	?					1530.98

Scale 1:1159	12/01/05	15:14:05

Hole Name :SX05006

Hole Length :360.00 | 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)
50		Casing		1	2	1					1726.47
100		Siltstone									1691.31
		Q Monzonite		1	2	0					
		Siltstone									
150		Siltstone		5	10	0					1657.15
		Q Monzonite									
		Siltstone									
200		Phyllite		5	1	0					1623.96
		Quartzite		2	5	1	1% moly				
250		Siltstone		5	1	0					1591.70
		Greenstone		20	0	0					
		Hornfels		7	1	1					
		Hornfels		2	5	1					1560.64
300		Quartzite		1	5	1					
350											1531.06

Scale 1:1083 | 12/01/05 | 15:14:13

Hole Name :SX05007

Hole Length :240.20	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		Overburden Amphibolite		4 2 0					1911.71
50		Siltstone		1 0 0					1892.42
75		Argillite Aplite Argillite Aplite							1873.16
100				1 2 1					1853.94
125		Argillite							1834.76
150		Quartzite Argillite							1815.79
175					1% moly				1797.10
200		Siltstone Q-Monzonite		2 2 0					1778.68
225		Siltstone Siltstone Siltstone							1760.53

Scale 1:724	12/01/05	15:14:21

Hole Name :SX05008

Hole Length :215.85	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		Overburden		2	1	0					1755.54
		Siltstone									
		Siliceous Limestone					70% pyrite			06571 06572 06573	
50										06574 06575 06576 06577 06578 06579	1738.58
		Siltstone					40% pyrite; 1% moly			06580	
							5% pyrite				
75											1722.11
		Quartzite									
100											1706.13
125		Siltstone									1690.64
							90% pyrite; 1% moly			06581	
150											1675.61
175											1660.96
200		Quartzite									1646.70

Scale 1:635	12/01/05	15:14:31

Hole Name :SX05009

Hole Length :237.20	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		Amphibolite		2	0	0					1913.51
				10	0	0					
				2	0	0					
				10	0	0					
				2	0	0					
				10	0	0					
		Amphibolite		0	2	0					
50		Siltstone		1	2	0					1896.43
		Amphibolite		1	2	0					
75		Siltstone		2	0	0					1879.76
100		Amphibolite		5	1	2					1863.49
125		Siltstone		1	2	0					1847.63
150		Amphibolite		1	2	0					1832.14
175		Phyllite		0	0	0					1817.01
200		Siltstone		0	1	0					1802.23
225											1787.81

Scale 1:713	12/01/05	15:14:33

Hole Name :SX05010

Hole Length :148.80	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		Overburden		2	2	?	75 60 45 30 15	6 7 6 3 10 2 0 5 6 5 3 4 5 11 4 3 2 2 3 6 10 6 4 2 4 3 6 9 3 5 1 1 0 2 4 1 1 1 3 1 3 3 1 1 4 4 4 2 3 1 1 5 3 4 2 7 1 2 1 0 1 1	75 60 45 30 15	06795 06796 06797 06798 06799 06800 06801 06802 06803 06804 06805 06806 06807 06808 06809 06810 06811 06812 06813 06814 06815 06816 06817 06818 06819 06820 06821 06822 06823 06824 06825 06826 06827 06828 06829 06830 06831 06832 06833 06834 06835 06836 06837 06838 06839 06840 06841 06842 06843 06844 06845 06846 06847 06848 06849 06850 06851 06852 06853 06854 06855 06856 06857	1754.93
20		Siltstone									1747.86
30				2	1	1					1740.79
40											1733.72
50		Siltstone		2	2	1					1726.64
60		Siltstone		2	0	0					1719.57
70											1712.50
80											1705.43
90											1698.36
100											1691.29
110		Argillite		2	1	?					1684.22
120											1677.15
130											1670.08
140							75 60 45 30 15				1663.01

Scale 1:449	12/01/05	15:14:44

Hole Name :SX05011

Hole Length :157.90	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		Casing							2		06858	1831.81
		Quartzite							1			
		Q.Monzonite									06859	
				1		0	0		1		06860	
		Quartzite							2		06861	
50									4		06862	1812.82
									1		06863	
									1		06864	
		Quartzite		0		0	0					
75		Quartzite		1		0	0					1794.06
		Quartzite										
		Siltstone		0		0	0					
100												1775.55
		Quartzite		0		0	0					
		Siltstone		0		0	0					
125												1757.32
		Siltstone		0		0	0					
				0		1	0					
150												1739.36

Scale 1:476	12/01/05	15:14:52

Hole Name :SX05012

Hole Length :314.90	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		Casing Quartzite Aplite Quartzite Monzonite Quartzite Q Monzonite		1	1	0					1815.99
100		Q Monzonite		2	1	0					1781.93
150		Q Monzonite		2	4	0					1748.83
200		Quartzite Quartzite									1716.84
250		Quartzite Q Monzonite Quartzite Q Monzonite									1686.18
300		Quartzite									1656.81

Scale 1:935	12/01/05	15:14:56

Hole Name :SX05013

Hole Length :218.90	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		Casing		1	0	0					2001.90
50		Hornfels		1	0	0					1982.88
		Greenstone									
		Hornfels									
75		Hornfels		60	2	1				07172 07173 07174 07175 07176 07177 07178 07179 07180 07181	1963.95
100		Siltstone		2	0	0					1945.08
125		Quartzite		3	1	0		3 3 4 4 3 1 3 2 3 4 3 8 20 1 1 2 3 2 0 0 12 2 1 1 1 10 0		07182 07183 07184 07185 07186 07187 07188 07189 07190 07191 07192 07193 07194 07195 07196 07197 07198 07199 07200 07201 07202 07203 07204 07205 07206 07207 07208 07209	1926.32
150		Siltstone		3	1	0					1907.75
175		Quartzite		3	0	0					1889.35
		Siltstone		0	0	0	5% pyrite 30% pyrite				
200		Quartzite		2	0	0		3 0 20 5 10 5 3 0 2 10 0		07210 07211 07212 07213 07214 07215 07216 07217 07218 07219 07220 07221	1871.14

Scale 1:660	12/01/05	15:15:07

Hole Name :SX05014

Hole Length :168.00	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)
25		Casing									2003.37
50											1985.90
75		Argillitic		0	2	0					1968.59
100											1951.45
125								2 2 1 1 1 1 2 1 4 2 2 3		07222 07223 07224 07225 07226 07227 07228 07229 07230 07231 07232 07233	1934.47
150											1917.66

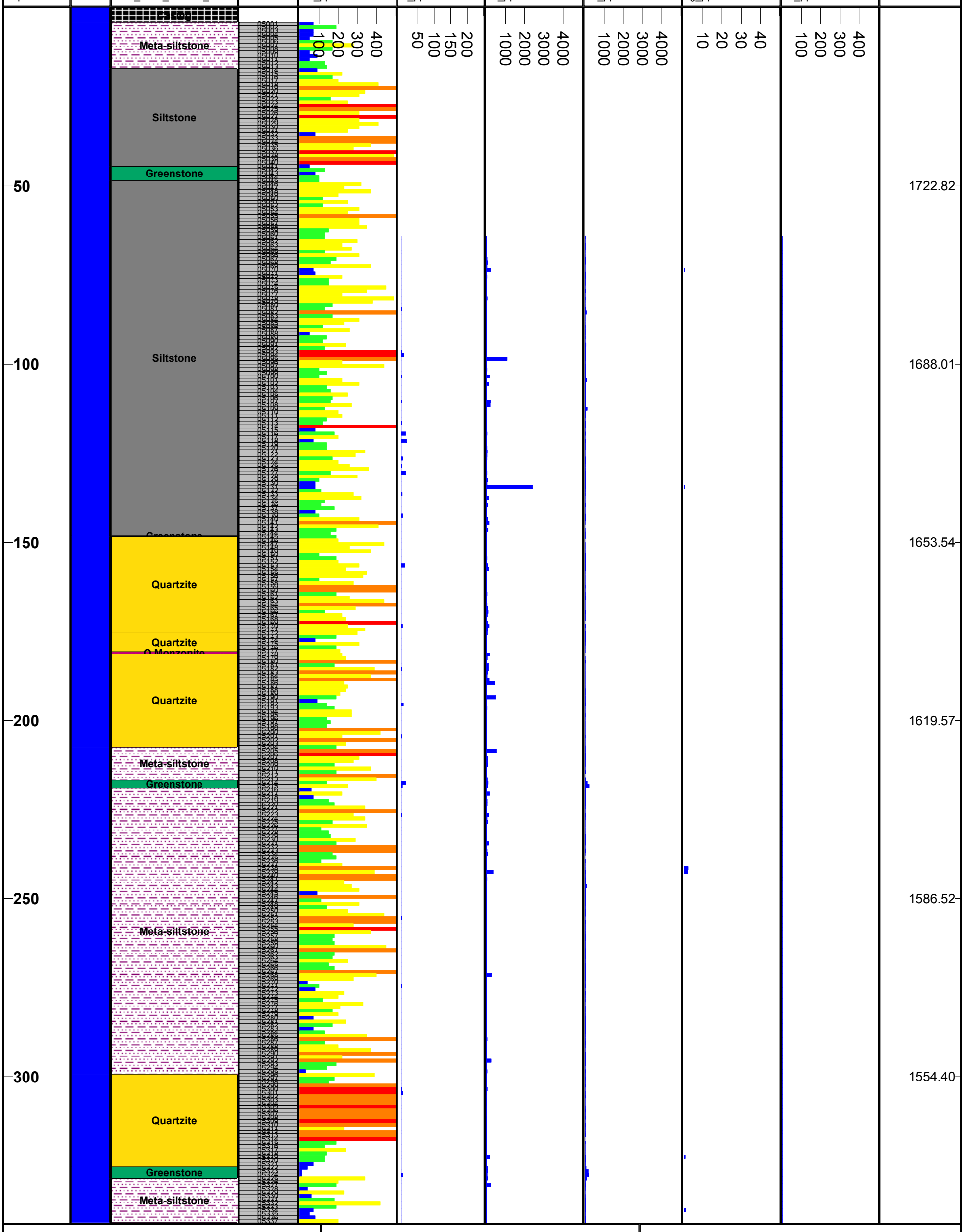
Scale 1:506	12/01/05	15:15:16

5.1.3 Geochemical Results

Hole Name :SX05001

Hole Length :341.00	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation

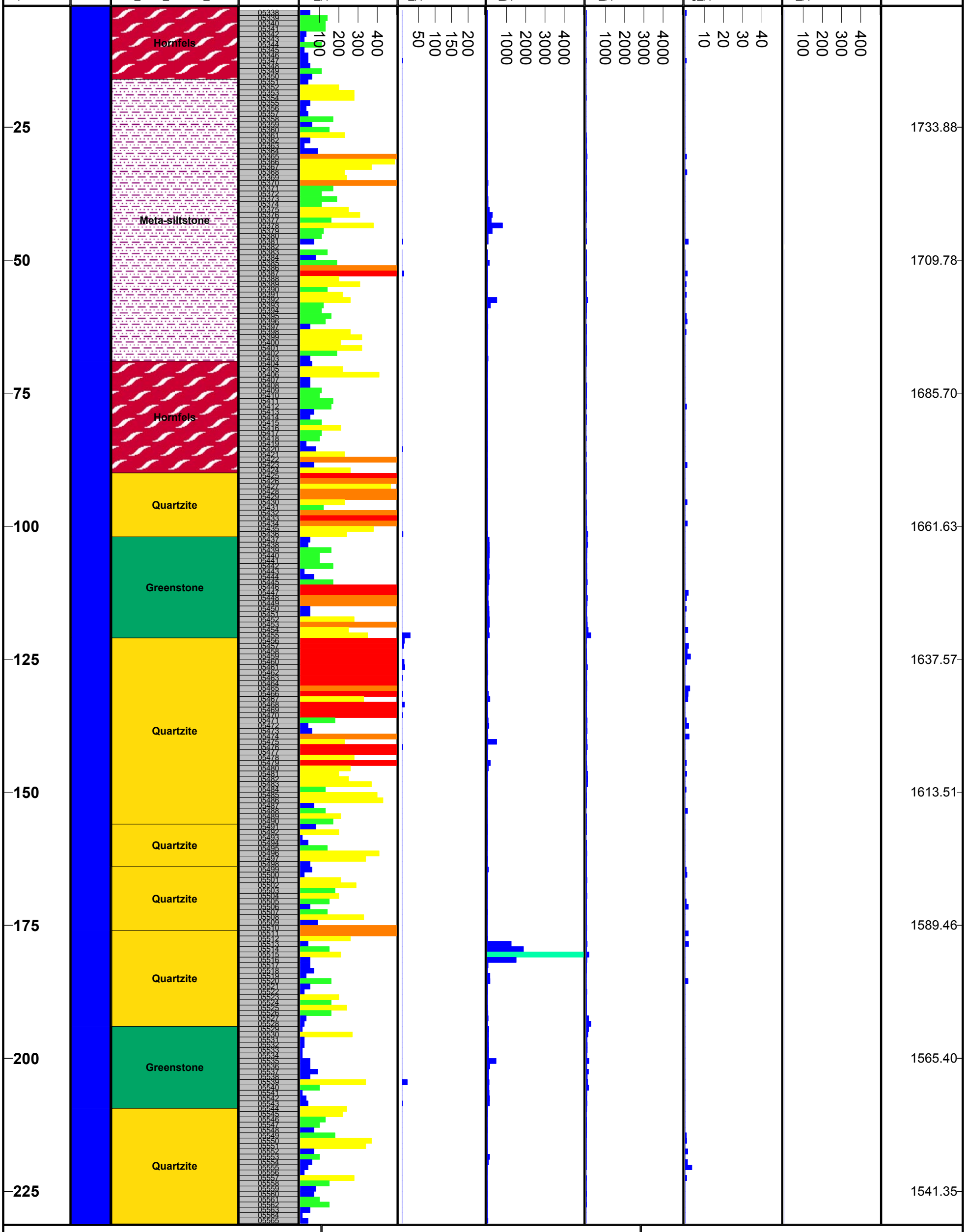


Scale 1:1040	12/01/05	14:51:19

Hole Name :SX05002

Hole Length :231.10	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	Mo_ppm · W_ppm · Zn_ppm · Cu_ppm · Ag_ppm · Au_ppb	Elevation

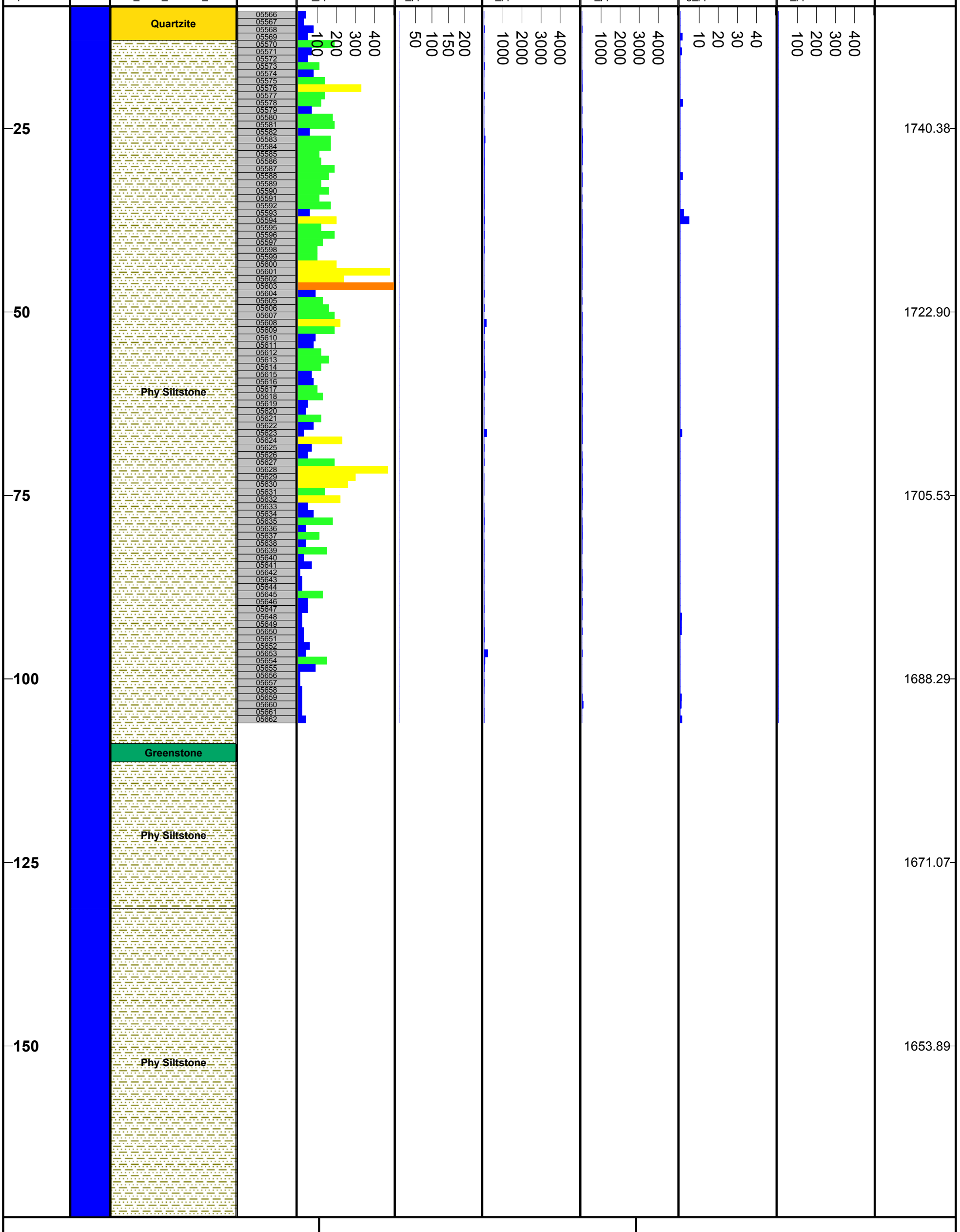


Scale 1:698	12/01/05	14:51:22

Hole Name :SX05003

Hole Length :175.00	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation



Scale 1:502	12/01/05	14:51:26

Hole Name :SX05004

Hole Length :136.60	Hole Azimuth :	Hole Inclination :

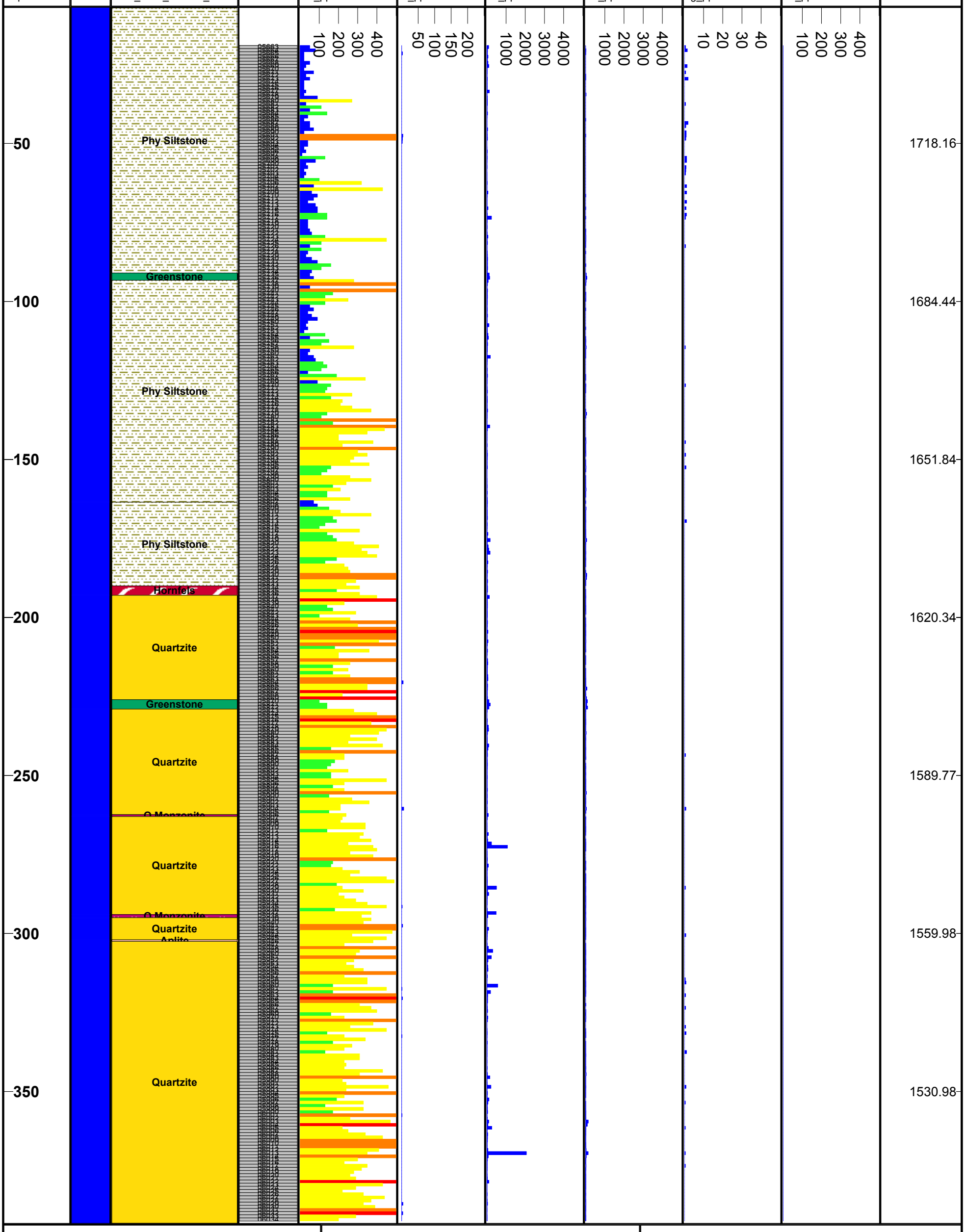
Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results						Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
				100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	1765.93
20										1758.86
30										1751.79
40										1744.72
50										1737.66
60										1730.59
70		Phyllite								1723.53
80										1716.46
90										1709.40
100										1702.34
110										1695.28
120										1688.22
130										1681.16

Scale 1:388	12/01/05	14:51:34

Hole Name :SX05005

Hole Length :391.70	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	Mo_ppm · W_ppm · Zn_ppm · Cu_ppm · Ag_ppm · Au_ppb	Elevation

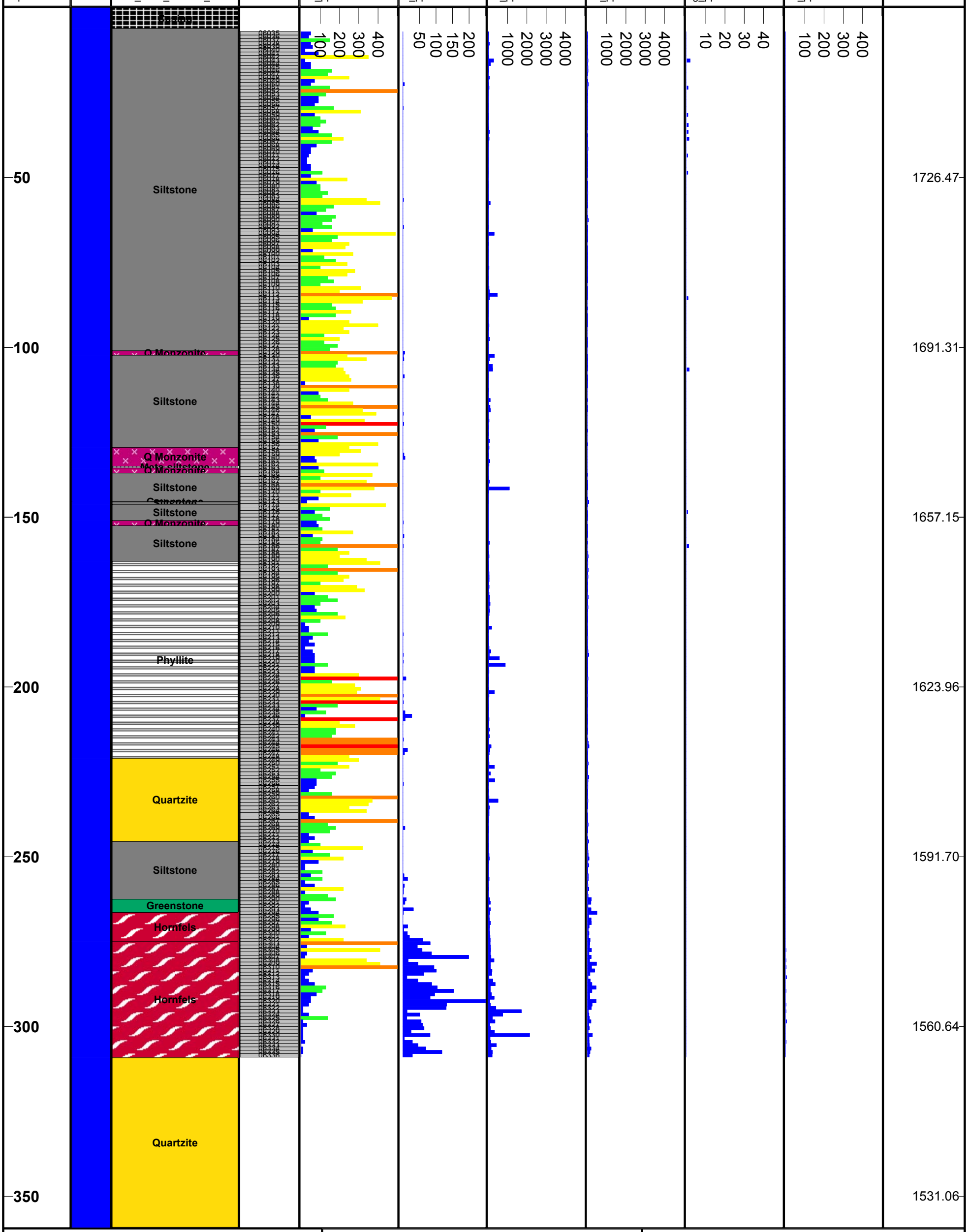


Scale 1:1173	12/01/05	14:51:42

Hole Name :SX05006

Hole Length :360.00	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	Mo_ppm · W_ppm · Zn_ppm · Cu_ppm · Ag_ppm · Au_ppb	Elevation

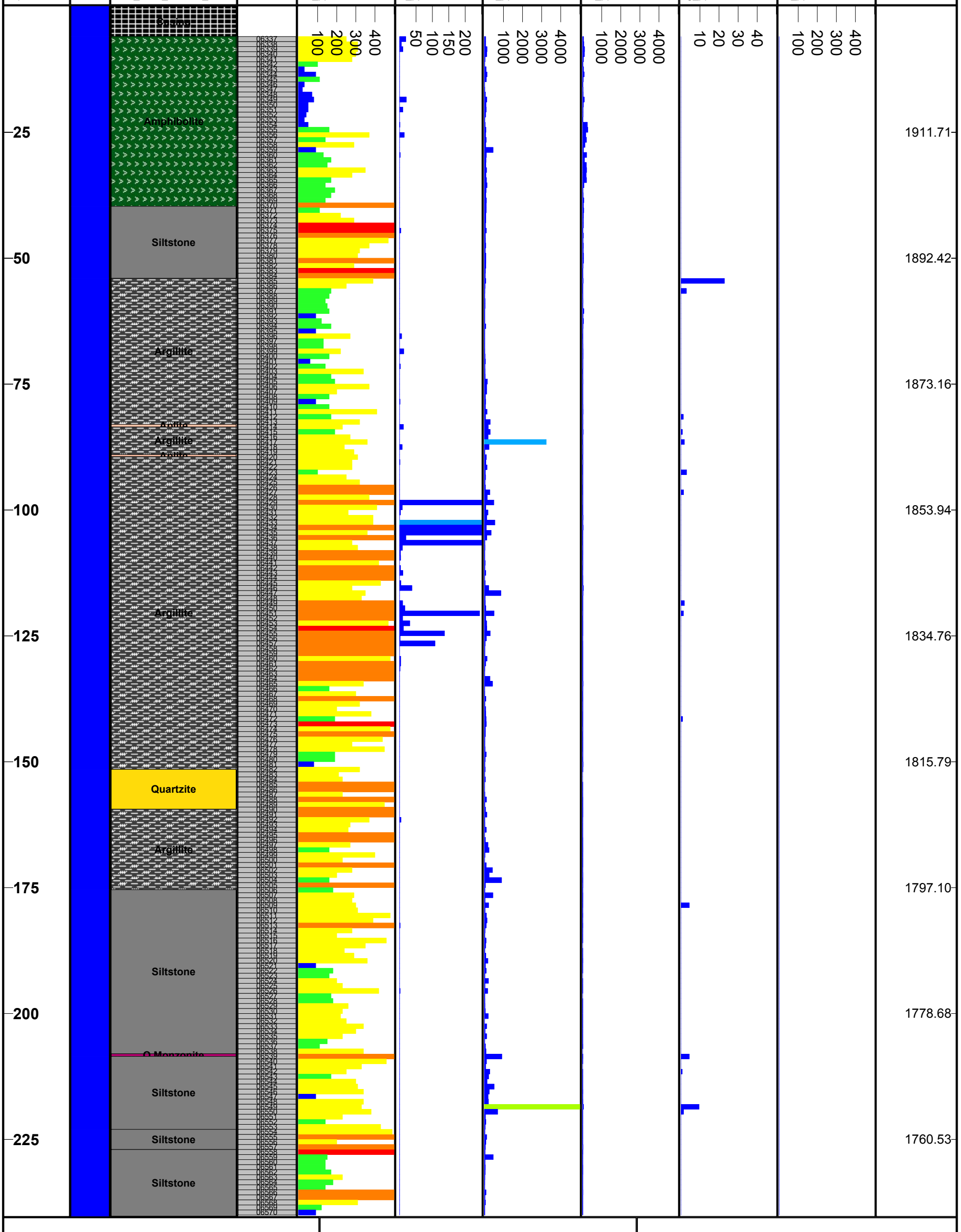


Scale 1:1095	12/01/05	14:51:47

Hole Name :SX05007

Hole Length :240.20	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	Mo_ppm · W_ppm · Zn_ppm · Cu_ppm · Ag_ppm · Au_ppb	Elevation

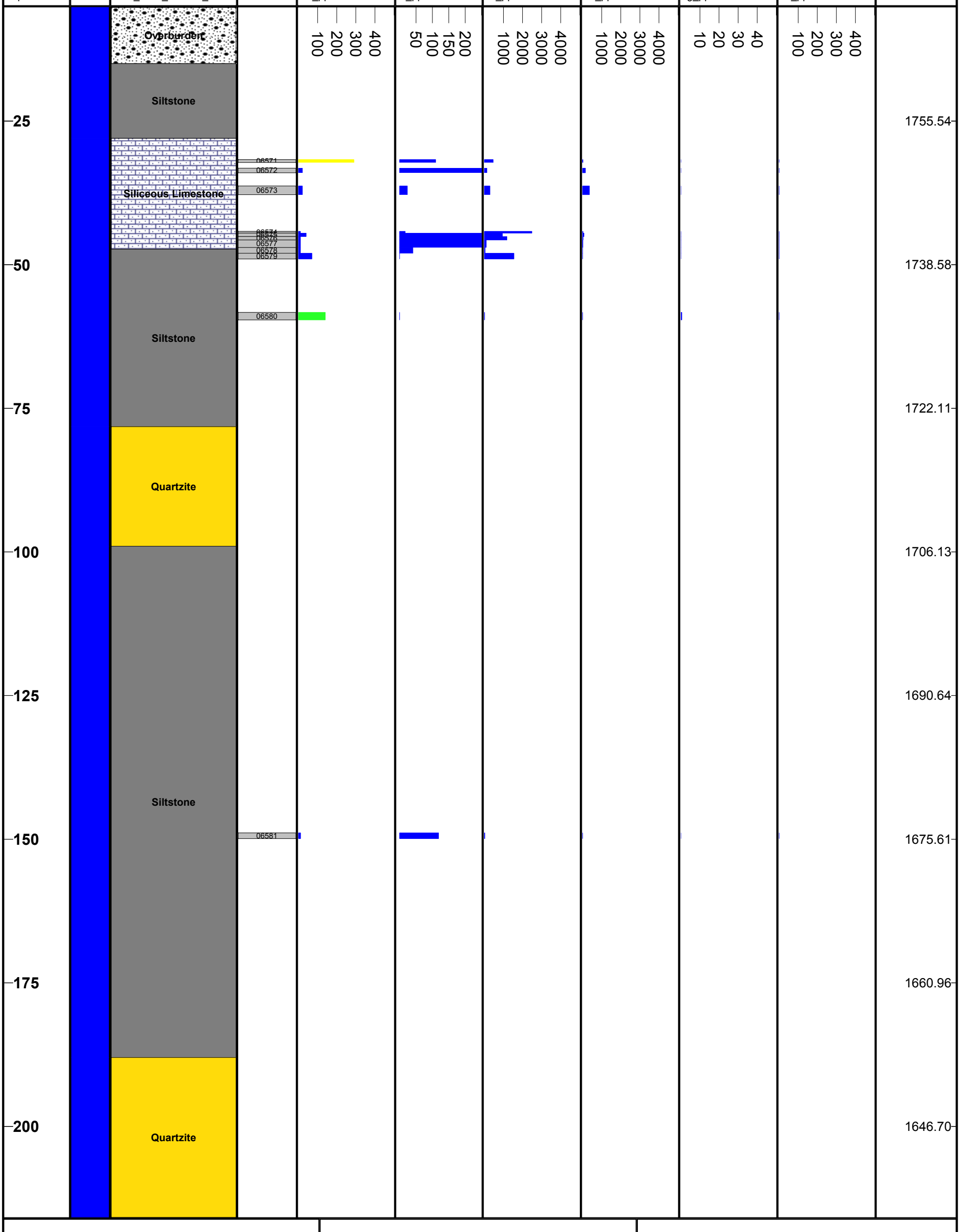


Scale 1:733	12/01/05	14:51:52

Hole Name :SX05008

Hole Length :215.85	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation



Scale 1:643	12/01/05	14:51:58

Hole Name :SX05009

Hole Length :237.20	Hole Azimuth :	Hole Inclination :

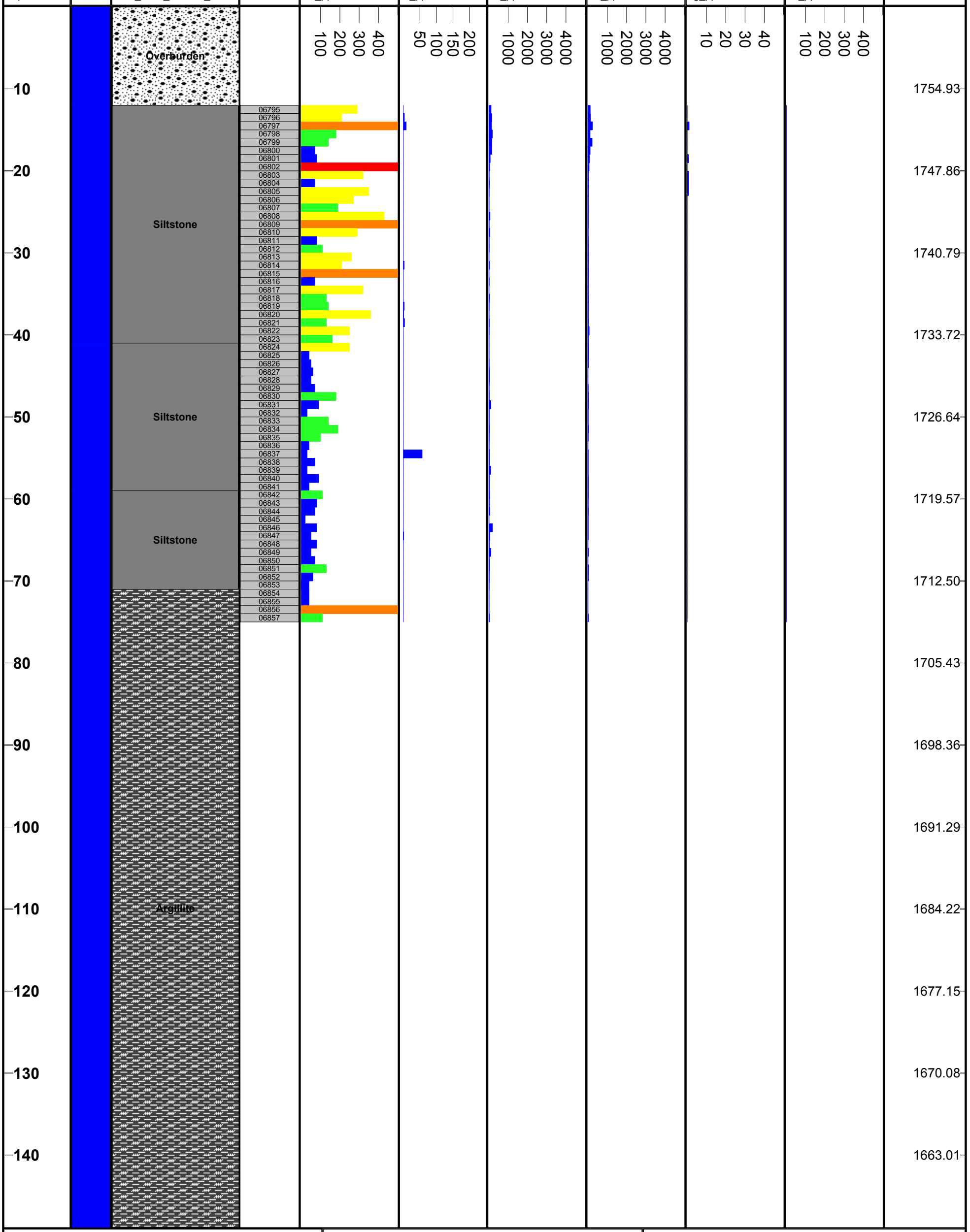
Depth (m)	Map Unit	Lithologic Description	Sample Number	Geochemical Results	Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	Mo_ppm: 100 200 300 400 · W_ppm: 50 100 150 200 · Zn_ppm: 1000 2000 3000 4000 · Cu_ppm: 1000 2000 3000 4000 · Ag_ppm: 10 20 30 40 · Au_ppb: 100 200 300 400	Elevation
25		Amphibolite			1913.51
50		Siltstone			1896.43
75		Amphibolite			1879.76
100		Siltstone			1863.49
125		Amphibolite			1847.63
150		Siltstone			1832.14
175		Amphibolite			1817.01
200		Phyllite			1802.23
225		Siltstone			1787.81

Scale 1:722	12/01/05	14:51:59

Hole Name :SX05010

Hole Length :148.80	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation

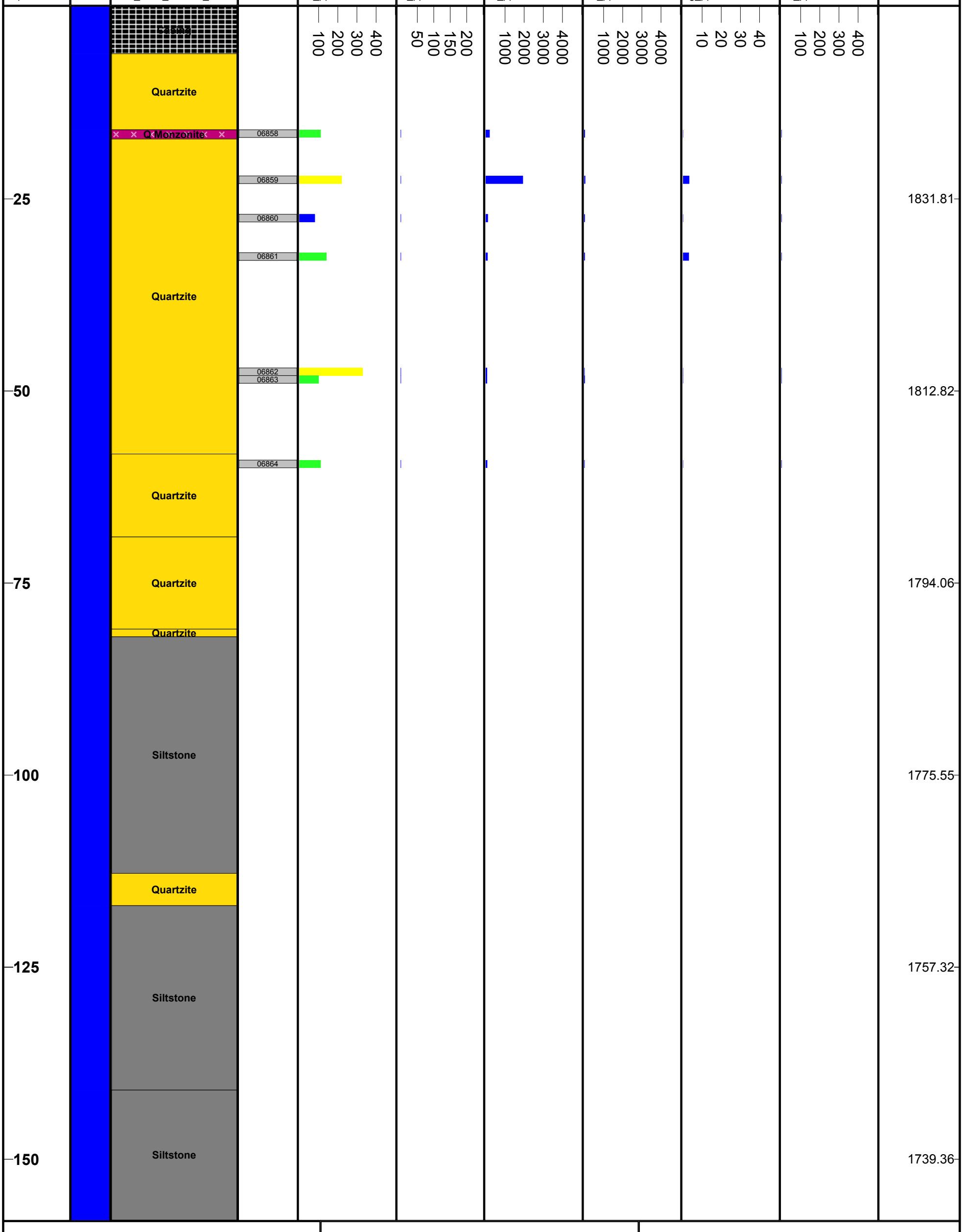


Scale 1:454	12/01/05	14:52:06

Hole Name :SX05011

Hole Length :157.90	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation

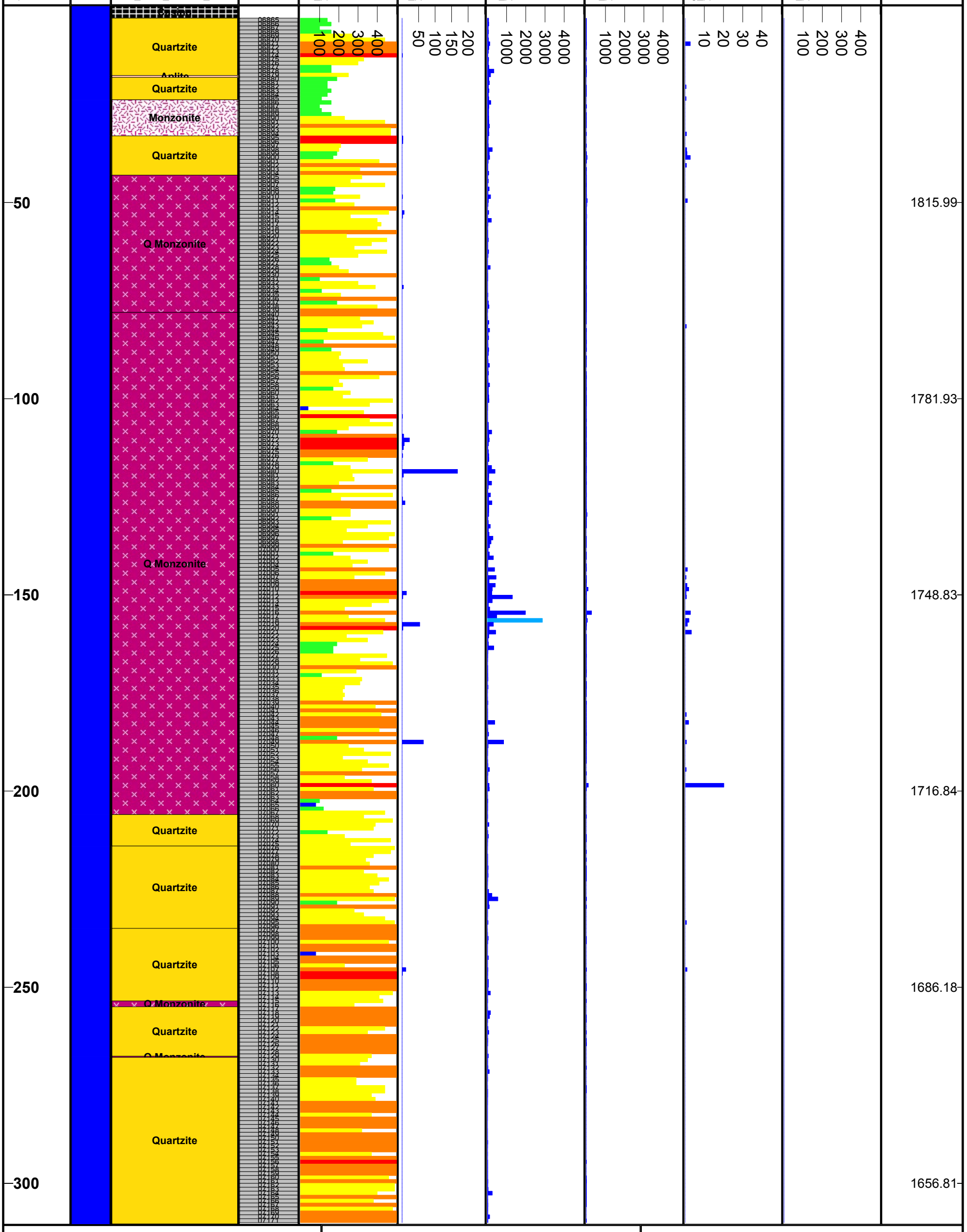


Scale 1:482	12/01/05	14:52:10

Hole Name :SX05012

Hole Length :314.90	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation

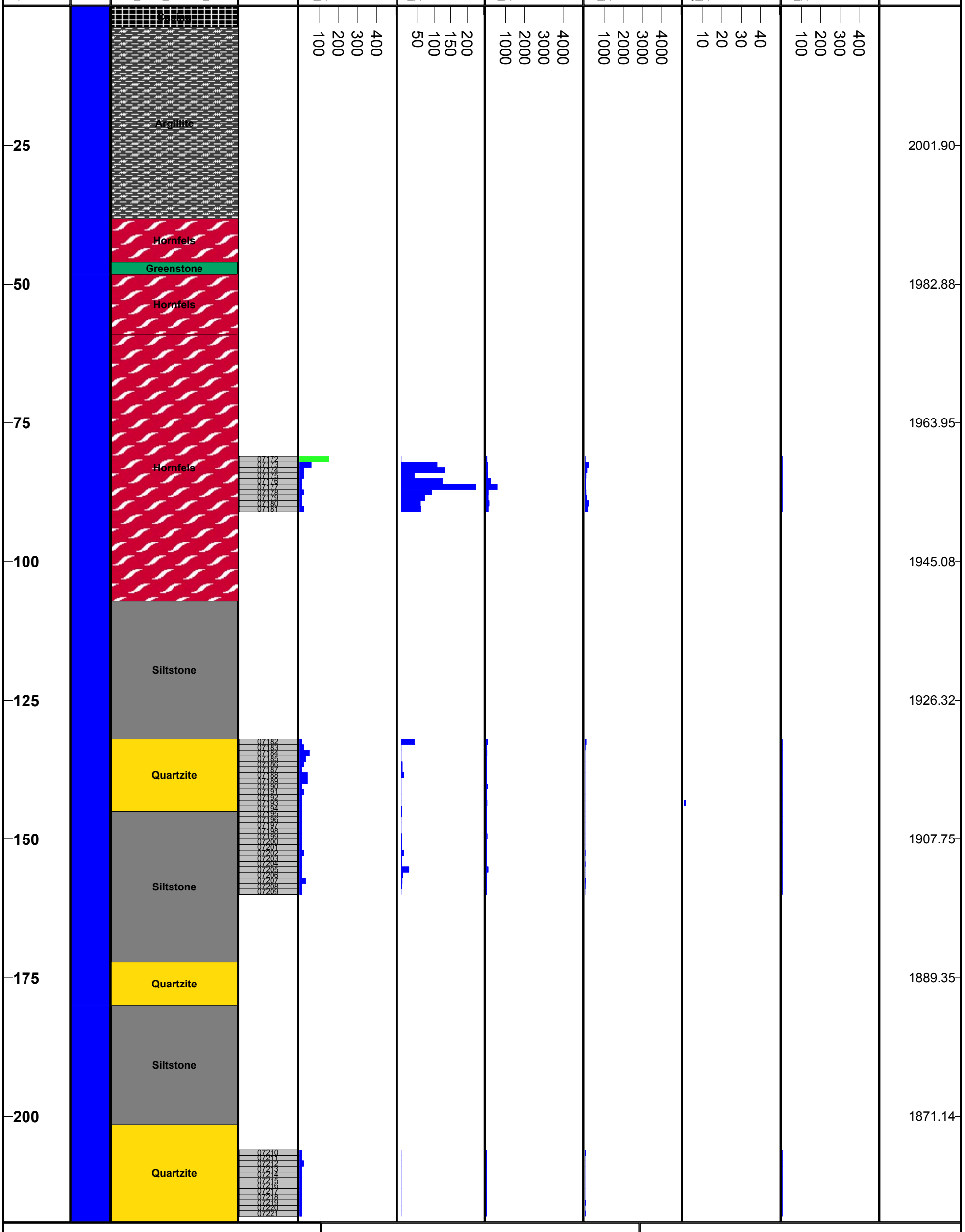


Scale 1:946	12/01/05	14:52:11

Hole Name :SX05013

Hole Length :218.90	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	Mo_ppm / W_ppm / Zn_ppm / Cu_ppm / Ag_ppm / Au_ppb	Elevation



Scale 1:668	12/01/05	14:52:19

Hole Name :SX05014

Hole Length :168.00	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	Mo_ppm	W_ppm	Zn_ppm	Cu_ppm	Ag_ppm	Au_ppb	Elevation
25		Casing		100 200 300 400	50 100 150 200	1000 2000 3000 4000	1000 2000 3000 4000	10 20 30 40	100 200 300 400	2003.37
50										1985.90
75		Argillite								1968.59
100										1951.45
125			07222 07223 07224 07225 07226 07227 07228 07229 07230 07231 07232 07233							1934.47
150										1917.66

Scale 1:512	12/01/05	14:52:24

5.2 Diamond Drill Logs

Appendix 5.2.1 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
4	17	SERICITE	2	SILICA	1	BIOTITE	1	Black Biotite specks produce a spotted hornfels texture.
17	44.5	SERICITE	4	SILICA	4	SERICITE	2	Yellowish blebs of sericite overprint previous alteration.
44.5	48.5	CARBONATE	1	EPIDOTE	1			Carbonization of Meta-Seds adjacent to contacts.
48.5	148.2	SERICITE	3					
148.2	175.5	SERICITE	4	SILICA	1			
175.5	207.5	SILICA	3	SERICITE	3	BIOTITE	1	
207.5	299.3	SILICA	4	SERICITE	3			
299.3	325.3	SILICA	4	SERICITE	3	BIOTITE		
328.5	340.85	SERICITE	2	BIOTITE	1	CHLORITE	1	

Appendix 5.2.1 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
2.4	16	SERICITE	4	BIOTITE	1			
16	69	SERICITE	4					
69	90	SERICITE	3	BIOTITE	1			
90	102	SERICITE	4	SILICA	2			
102	121	CHLORITE	1					
121	156	SERICITE	3					
164	176	SERICITE	3					
176	194	SERICITE	2					
194	209.4	SERICITE	2	CHLORITE	1			
209.4	231.1	SERICITE	3					

Appendix 5.2.1 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
8.5	13	SILICA	4	SERICITE	4			
13	131.3	SERICITE	3					
131.3	173.17	SERICITE	3					

Appendix 5.2.1 - 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*
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
9.4	136.6	SERICITE	3	BIOTITE	1			

Appendix 5.2.1 - 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*
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
7.1	74	SERICITE	3					
74	91	SERICITE	3	TOURMALINE				
91	163.5	SERICITE	3					
163.5	190	SERICITE	2					
190	193	SERICITE	2	BIOTITE	1			
193	391.7	SILICA	4	SERICITE	4	BIOTITE	1	

Appendix 5.2.1 - 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*
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
6.1	129.5	SERICITE	4	SERICITE	1			
129.5	137	CLAY	4	SERICITE	4			
137	163	CLAY	4	SERICITE	4			
163	221	SERICITE	3	CHLORITE	2			
221	245.5	SILICA	5	SERICITE	4	CHLORITE	1	
245.5	262.5	SILICA	5	SERICITE	4			
262.5	266.4	CHLORITE	4	PYRITE	4			
266.4	275	SILICA	4					
275	309.2	EPIDOTE	2	CHLORITE	2	BIOTITE	2	
309.2	359.1	SERICITE	2	BIOTITE	2	CHLORITE	2	

Appendix 5.2.1 - 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*
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
6	39.7	CHLORITE	2	EPIDOTE	2	SERICITE	2	
39.7	54	SILICA	4	SERICITE	4			
54	175.4	SERICITE	3	CARBONATE	1	CHLORITE	1	
175.4	240.2	SERICITE	3					

Appendix 5.2.1 - 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*
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
15	28	SERICITE	4	BIOTITE	2			
28	47.3	BIOTITE	3	SERICITE	2			
47.3	78.2	SERICITE	4	BIOTITE	1			
78.2	99	SILICA	4	SERICITE	4			
99	188	SILICA	4	SERICITE	4			
188	215.85	SILICA	4	SERICITE	1			

Appendix 5.2.1 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
24	51	SERICITE	4	BIOTITE	2			
51	59	SERICITE	4					
59	71	SILICA	3					
71	86.5	SILICA	2	SERICITE	3	BIOTITE	3	
86.5	119.3	SILICA	2					
119.3	143.2	SERICITE	3	SILICA	3			
143.2	151.8	SERICITE	3	SILICA	3			
151.8	193	SERICITE	3	SILICA	3	BIOTITE	1	
193	237.2	SERICITE	2	SILICA	2	BIOTITE	1	

Appendix 5.2.1 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
18.2	41	SERICITE	3	SILICA	2			
41	59	SERICITE	3	SILICA	3			
59	71	SILICA	4	SERICITE	4			
71	148.8	SERICITE	4	BIOTITE	2			

Appendix 5.2.1 - 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*
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
6.1	58.2	SERICITE	4					
58.2	69	SERICITE	3	BIOTITE	2			
69	82	SERICITE	3					
82	112.8	SERICITE	4	SILICA	4	BIOTITE	2	Some of the Biotite is altereed to Chlorite.
112.8	117	SERICITE	3	BIOTITE	2			
117	141	SERICITE	4	SILICA	4	BIOTITE	2	
141	157.9	SERICITE	4	BIOTITE	1			Pre-existion biotite has been altered to seritcite.

Appendix 5.2.1 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
3	43	SERICITE	4	SILICA	4	BIOTITE	2	
43	78	BIOTITE	3	SERICITE	3			
78	206	SERICITE	3					
206	310.3	SERICITE	4	SILICA	4	BIOTITE	1	

Appendix 5.2.1 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*
3.7	38.2	SERICITE	3	BIOTITE	2	CHLORITE	1	
38.2	59	BIOTITE	2	SERICITE	2			
59	107.1	BIOTITE	2	SERICITE	2			
107.1	132	SERICITE	4	SILICA	3			
132	145	SERICITE	4	SILICA	3			
145	172.2	SERICITE	4	SILICA	3			
172.2	180	SILICA	3					
180	201.5	SERICITE	4	SILICA	3	BIOTITE	2	
201.5	218.9	SERICITE	4	CHLORITE	1	BIOTITE	1	

Appendix 5.2.1 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

From (m)	*To (m)*	*Alteration 1*	*Degree*	*Alteration 2*	*Degree*	*Alteration 3*	*Degree*	*Note:*

Appendix 5.2.2 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	4		Casing							
4	17		Meta-siltstone	Quartzite	grey	green				
17	44.5		Siltstone	Quartz	white	greenish				Siltstone is speckled with sericite.
44.5	48.5		Greenstone		dark	green				Sill or Dyke? Cuts core at 50 degrees.
48.5	148.2		Siltstone	Quartzite	white	greenish				
148.2	148.4		Greenstone		dark	green				Dyke cuts core a 30 degrees.
148.4	175.5		Quartzite	Siltstone	light	greyish				
175.5	180.7		Quartzite		white					
180.7	181.3		Q Monzonite	Argillite	greenish	white				Cuts core at 52 degrees.
181.3	207.5		Quartzite		white					
207.5	216.8		Meta-siltstone	Quartzite	greyish	yellowish				
216.8	219		Greenstone							Rock is totally recrytallized and cuts core at 58 degrees.
219	299.3		Meta-siltstone	Quartzite	greyish	yellowish				
299.3	325.3		Quartzite		greyish	green				
325.3	328.5		Greenstone	Amphibolite	green	black	medium			Fine parallel mineral lineation at 56 degrees to the core axis.
328.5	340.85		Meta-siltstone	Argillite	greyish	white				

Appendix 5.2.2 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
2.4	16		Hornfels		greenish	grey				
16	69		Meta-siltstone	Quartzite	greenish	grey				
69	90		Hornfels	Schist	grey	black				
90	102		Quartzite	Meta-siltstone	greenish	grey				
102	121		Greenstone	Amphibolite	dark	green	medium			
121	156		Quartzite	Schist	greenish	white				
156	164		Quartzite		greyish	black				Fault zone, consist of Breccia and soft fault gauge.
164	176		Quartzite	Meta-siltstone	greyish	yellowish				Meta-siltstone is Phyllitic.
176	194		Quartzite	Phyllitic Siltstone	grey	yellowish				
194	209.4		Greenstone	Amphibolite	dark	green	medium			
209.4	231.1		Quartzite	Phyllitic Siltstone	greenish	grey				

Appendix 5.2.2 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
8.5	13		Quartzite	Phyllitic Siltstone	greenish	grey				
13	108.8		Phy Siltstone	Quartzite	yellowish	grey				
108.8	111.3		Greenstone		dark	green				
111.3	131.3		Phy Siltstone	Quartzite	yellowish	grey				
131.3	173.17		Phy Siltstone	Quartzite	grey	green				

Appendix 5.2.2 - 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*
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
9.4	136.6		Phyllite	Argillite	greenish	grey				

Appendix 5.2.2 - 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*
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
7.1	91		Phy Siltstone	Argillite	greenish	grey				
91	93.3		Greenstone		greenish		medium			
93.3	163.5		Phy Siltstone	Argillite	greenish	grey				In general meta-sediments consist of paper thin layers of sericite and quartz.
163.5	190		Phy Siltstone		greenish	grey				
190	193		Hornfels	Quartzite						
193	226		Quartzite	Phyllitic Siltstone	greenish	grey				
226	229		Greenstone		greenish		medium			
229	262.4		Quartzite	Phyllitic Siltstone	greenish	grey				
262.4	263		Q Monzonite				medium			Sill cuts core at 38 degrees.
263	294		Quartzite	Phyllitic Siltstone	greenish	grey				
294	295		Q Monzonite		Pinkish	Grey	medium			Sill cuts core at 47 degrees.
295	302		Quartzite	Phyllitic Siltstone	greenish	grey				
302	302.5		Aplite		Yellowish	White				Cuts core at 46 degrees and is parallel to foliation.
302.5	391.7		Quartzite	Phyllitic Siltstone	greenish	grey				

Appendix 5.2.2 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
0	6.1		Casing							
6.1	101		Siltstone	Phyllitic quartzite	greenish	grey				
101	102.3		Q Monzonite		green					Cuts core at 49 degrees.
102.3	129.5		Siltstone	Phyllitic quartzite	greenish	grey				
129.5	135		Q Monzonite		orange	grey	medium			Cuts core at 14 degrees.
135	135.5		Meta-siltstone							
135.5	137		Q Monzonite		orange	grey	medium			
137	145.5		Siltstone	Quartzite	greenish	grey				
145.5	146.2		Greenstone		greenish	grey				
145.5	162.5		Siltstone	Argillite	grey	white				
146.2	151		Siltstone	Quartzite	greenish	grey				
151	152.5		Q Monzonite		green					Cuts core at 21 degrees.
152.5	163		Siltstone	Quartzite	greenish	grey				
163	221		Phyllite	Argillite	greenish	grey				
221	245.5		Quartzite		white	grey				
245.5	262.5		Siltstone	Argillite	light	grey	fine	laminated		
262.5	266.4		Greenstone		dark	green	fine			
266.4	275		Hornfels		greyish	black				
275	309.2		Hornfels	Skarn	greenish	orange	coarse			
309.2	359.1		Quartzite	actinolite	greenish	brown				

Appendix 5.2.2 - 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*
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	6		Casing							
6	39.7		Amphibolite	Skarn	green	dark	fine			
39.7	54		Siltstone		greenish	grey				
54	83		Argillite	Quartz Monzonite	grey					
83	83.5		Aplite							Dyke hosts Moly vein and cuts core at 41 degrees.
83.5	89		Argillite	Quartz Monzonite	grey					
89	89.4		Aplite							Dyke cuts core at 30 degrees.
89.4	151.5		Argillite	Quartz Monzonite	grey					
151.5	159.4		Quartzite							Cuts core at 45 degrees.
159.4	175.4		Argillite	Quartz Monzonite	grey					
175.4	208		Siltstone	Quartzite	greenish	grey				
208	208.5		Q Monzonite							Cuts core at 35 degrees.
208.5	223		Siltstone	Quartzite	greenish	grey				
223	227		Siltstone	Phyllitic quartzite	grey					
227	240.2		Siltstone	Quartzite	greenish	grey				

Appendix 5.2.2 - 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
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
5.2	15		Overburden							
15	28		Siltstone	Phyllitic quartzite	yellowish	grey				
28	47.3		Siliceous Limestone	Hornfels	yellowish	green				
47.3	78.2		Siltstone	Phyllite	white	greyish	fine			
78.2	99		Quartzite		white	greyish				
99	188		Siltstone	Phyllitic quartzite	yellowish	grey				
188	215.85		Quartzite	Siltstone	greenish	grey				

Appendix 5.2.2 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0.6	24		Amphibolite	Skarn	green	dark	fine			
24	51		Amphibolite		green	dark				
51	59		Siltstone	Quartz	yellowish	grey				
59	71		Amphibolite		green	dark				
71	86.5		Siltstone	Greenstone	greenish	grey				
86.5	119.3		Amphibolite	Aplite	dark	green	fine			
119.3	143.2		Siltstone	Phyllite	yellowish	grey	fine			
143.2	151.8		Amphibolite		green	dark				
151.8	193		Phyllite		yellowish	white				
193	237.2		Siltstone	Argillite	greenish	grey				

Appendix 5.2.2 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	12		Overburden	Greenstone	dark	green	fine			
12	41		Siltstone	Quartzite	yellowish	grey				
41	59		Siltstone	Argillite	yellowish	grey	fine	wavy bedded		
59	71		Siltstone	Quartzite	yellowish	grey	medium	bedded		
71	148.8		Argillite	Quartzite	yellowish	grey				

Appendix 5.2.2 - 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*
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	6.1		Casing							
6.1	16		Quartzite	Phyllite	greyish					
16	17.2		Q Monzonite		grey	green				Cuts core at 10 and 40 degrees. Contacts are irregular.
17.2	58.2		Quartzite	Phyllite	greyish					
58.2	69		Quartzite	Argillite	grey	black	fine	laminated		
69	81		Quartzite	Phyllite	grey	yellowish	fine	laminated		
81	82		Quartzite	Phyllite	grey	black	fine	laminated		
82	112.8		Siltstone	Phyllite	grey	green	fine	laminated		
112.8	117		Quartzite		grey	black		laminated		
117	141		Siltstone	Phyllite	grey	yellow				
141	157.9		Siltstone	Argillite	grey	yellow	fine			

Appendix 5.2.2 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing							
3	17.6		Quartzite		greyish	yellow				
17.6	18.1		Aplite							Dyke is 50cm thick and cuts the core at 18 and 51 degrees
18.1	23.8		Quartzite		greyish	yellow				
23.8	33		Monzonite	Argillite						Sill cuts core at 26 degrees.
33	43		Quartzite		greyish	yellow				
43	78		Q Monzonite	Argillite	green	greyish				
78	206		Q Monzonite	Argillite	greyish	pink				Lower contact very irregular , but about 8 degrees to the core axis.
206	214		Quartzite		yellow	green				
214	235		Quartzite	Aplite	green					Thin Aplite dykes in this section range in size between 2cm and 10cm.
235	253.5		Quartzite		yellow	green				
253.5	255		Q Monzonite							Dyke cuts core at 25 degrees.
255	267.6		Quartzite		yellow	green				
267.6	267.9		Q Monzonite							Dyke cuts core at 23 degrees
267.9	310.3		Quartzite		yellow	green				

Appendix 5.2.2 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3.7		Casing							
3.7	38.2		Argillite	Siltstone	grey	greenish				
38.2	46		Hornfels		white	green	fine			
46	48.3		Greenstone		dark	green				
48.3	59		Hornfels		white	green	fine			
59	107.1		Hornfels	Skarn	dark	greenish				The Hornfels are interbedded by the Skarn. The Skarn is generaly very vuggy.
107.1	132		Siltstone	Quartzite	greyish	yellow				
132	145		Quartzite		yellowish	grey		massive		
145	172.2		Siltstone	Argillite	yellowish	grey				
172.2	180		Quartzite		pinkish	white		massive		
180	201.5		Siltstone	Quartzite	yellowish	grey				
201.5	218.9		Quartzite	Siltstone	yellowish	grey	fine	massive	laminated	

Appendix 5.2.2 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing							
3	168		Argillite	Siltstone	greyish	black	fine			

Appendix 5.2.2 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	4		Casing							
4	17		Meta-siltstone	Quartzite	grey	green				
17	44.5		Siltstone	Quartz	white	greenish				Siltstone is speckled with sericite.
44.5	48.5		Greenstone		dark	green				Sill or Dyke? Cuts core at 50 degrees.
48.5	148.2		Siltstone	Quartzite	white	greenish				
148.2	148.4		Greenstone		dark	green				Dyke cuts core a 30 degrees.
148.4	175.5		Quartzite	Siltstone	light	greyish				
175.5	180.7		Quartzite		white					
180.7	181.3		Q Monzonite	Argillite	greenish	white				Cuts core at 52 degrees.
181.3	207.5		Quartzite		white					
207.5	216.8		Meta-siltstone	Quartzite	greyish	yellowish				
216.8	219		Greenstone							Rock is totally recrytallized and cuts core at 58 degrees.
219	299.3		Meta-siltstone	Quartzite	greyish	yellowish				
299.3	325.3		Quartzite		greyish	green				
325.3	328.5		Greenstone	Amphibolite	green	black	medium			Fine parallel mineral lineation at 56 degrees to the core axis.
328.5	340.85		Meta-siltstone	Argillite	greyish	white				

Appendix 5.2.2 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
2.4	16		Hornfels		greenish	grey				
16	69		Meta-siltstone	Quartzite	greenish	grey				
69	90		Hornfels	Schist	grey	black				
90	102		Quartzite	Meta-siltstone	greenish	grey				
102	121		Greenstone	Amphibolite	dark	green	medium			
121	156		Quartzite	Schist	greenish	white				
156	164		Quartzite		greyish	black				Fault zone, consist of Breccia and soft fault gauge.
164	176		Quartzite	Meta-siltstone	greyish	yellowish				Meta-siltstone is Phyllitic.
176	194		Quartzite	Phyllitic Siltstone	grey	yellowish				
194	209.4		Greenstone	Amphibolite	dark	green	medium			
209.4	231.1		Quartzite	Phyllitic Siltstone	greenish	grey				

Appendix 5.2.2 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
8.5	13		Quartzite	Phyllitic Siltstone	greenish	grey				
13	108.8		Phy Siltstone	Quartzite	yellowish	grey				
108.8	111.3		Greenstone		dark	green				
111.3	131.3		Phy Siltstone	Quartzite	yellowish	grey				
131.3	173.17		Phy Siltstone	Quartzite	grey	green				

Appendix 5.2.2 - 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*
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
9.4	136.6		Phyllite	Argillite	greenish	grey				

Appendix 5.2.2 - 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*
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
7.1	91		Phy Siltstone	Argillite	greenish	grey				
91	93.3		Greenstone		greenish		medium			
93.3	163.5		Phy Siltstone	Argillite	greenish	grey				In general meta-sediments consist of paper thin layers of sericite and quartz.
163.5	190		Phy Siltstone		greenish	grey				
190	193		Hornfels	Quartzite						
193	226		Quartzite	Phyllitic Siltstone	greenish	grey				
226	229		Greenstone		greenish		medium			
229	262.4		Quartzite	Phyllitic Siltstone	greenish	grey				
262.4	263		Q Monzonite				medium			Sill cuts core at 38 degrees.
263	294		Quartzite	Phyllitic Siltstone	greenish	grey				
294	295		Q Monzonite		Pinkish	Grey	medium			Sill cuts core at 47 degrees.
295	302		Quartzite	Phyllitic Siltstone	greenish	grey				
302	302.5		Aplite		Yellowish	White				Cuts core at 46 degrees and is parallel to foliation.
302.5	391.7		Quartzite	Phyllitic Siltstone	greenish	grey				

Appendix 5.2.2 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
0	6.1		Casing							
6.1	101		Siltstone	Phyllitic quartzite	greenish	grey				
101	102.3		Q Monzonite		green					Cuts core at 49 degrees.
102.3	129.5		Siltstone	Phyllitic quartzite	greenish	grey				
129.5	135		Q Monzonite		orange	grey	medium			Cuts core at 14 degrees.
135	135.5		Meta-siltstone							
135.5	137		Q Monzonite		orange	grey	medium			
137	145.5		Siltstone	Quartzite	greenish	grey				
145.5	146.2		Greenstone		greenish	grey				
145.5	162.5		Siltstone	Argillite	grey	white				
146.2	151		Siltstone	Quartzite	greenish	grey				
151	152.5		Q Monzonite		green					Cuts core at 21 degrees.
152.5	163		Siltstone	Quartzite	greenish	grey				
163	221		Phyllite	Argillite	greenish	grey				
221	245.5		Quartzite		white	grey				
245.5	262.5		Siltstone	Argillite	light	grey	fine	laminated		
262.5	266.4		Greenstone		dark	green	fine			
266.4	275		Hornfels		greyish	black				
275	309.2		Hornfels	Skarn	greenish	orange	coarse			
309.2	359.1		Quartzite	actinolite	greenish	brown				

Appendix 5.2.2 - 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*
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	6		Casing							
6	39.7		Amphibolite	Skarn	green	dark	fine			
39.7	54		Siltstone		greenish	grey				
54	83		Argillite	Quartz Monzonite	grey					
83	83.5		Aplite							Dyke hosts Moly vein and cuts core at 41 degrees.
83.5	89		Argillite	Quartz Monzonite	grey					
89	89.4		Aplite							Dyke cuts core at 30 degrees.
89.4	151.5		Argillite	Quartz Monzonite	grey					
151.5	159.4		Quartzite							Cuts core at 45 degrees.
159.4	175.4		Argillite	Quartz Monzonite	grey					
175.4	208		Siltstone	Quartzite	greenish	grey				
208	208.5		Q Monzonite							Cuts core at 35 degrees.
208.5	223		Siltstone	Quartzite	greenish	grey				
223	227		Siltstone	Phyllitic quartzite	grey					
227	240.2		Siltstone	Quartzite	greenish	grey				

Appendix 5.2.2 - 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
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

From (m)	To (m)	Map Unit	Major Rock Type	Minor Rock Type	Primary Colour	Secondary Colour	Grainsize	Primary Texture	Secondary Texture	Notes:
5.2	15		Overburden							
15	28		Siltstone	Phyllitic quartzite	yellowish	grey				
28	47.3		Siliceous Limestone	Hornfels	yellowish	green				
47.3	78.2		Siltstone	Phyllite	white	greyish	fine			
78.2	99		Quartzite		white	greyish				
99	188		Siltstone	Phyllitic quartzite	yellowish	grey				
188	215.85		Quartzite	Siltstone	greenish	grey				

Appendix 5.2.2 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0.6	24		Amphibolite	Skarn	green	dark	fine			
24	51		Amphibolite		green	dark				
51	59		Siltstone	Quartz	yellowish	grey				
59	71		Amphibolite		green	dark				
71	86.5		Siltstone	Greenstone	greenish	grey				
86.5	119.3		Amphibolite	Aplite	dark	green	fine			
119.3	143.2		Siltstone	Phyllite	yellowish	grey	fine			
143.2	151.8		Amphibolite		green	dark				
151.8	193		Phyllite		yellowish	white				
193	237.2		Siltstone	Argillite	greenish	grey				

Appendix 5.2.2 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	12		Overburden	Greenstone	dark	green	fine			
12	41		Siltstone	Quartzite	yellowish	grey				
41	59		Siltstone	Argillite	yellowish	grey	fine	wavy bedded		
59	71		Siltstone	Quartzite	yellowish	grey	medium	bedded		
71	148.8		Argillite	Quartzite	yellowish	grey				

Appendix 5.2.2 - 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*
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	6.1		Casing							
6.1	16		Quartzite	Phyllite	greyish					
16	17.2		Q Monzonite		grey	green				Cuts core at 10 and 40 degrees. Contacts are irregular.
17.2	58.2		Quartzite	Phyllite	greyish					
58.2	69		Quartzite	Argillite	grey	black	fine	laminated		
69	81		Quartzite	Phyllite	grey	yellowish	fine	laminated		
81	82		Quartzite	Phyllite	grey	black	fine	laminated		
82	112.8		Siltstone	Phyllite	grey	green	fine	laminated		
112.8	117		Quartzite		grey	black		laminated		
117	141		Siltstone	Phyllite	grey	yellow				
141	157.9		Siltstone	Argillite	grey	yellow	fine			

Appendix 5.2.2 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing							
3	17.6		Quartzite		greyish	yellow				
17.6	18.1		Aplite							Dyke is 50cm thick and cuts the core at 18 and 51 degrees
18.1	23.8		Quartzite		greyish	yellow				
23.8	33		Monzonite	Argillite						Sill cuts core at 26 degrees.
33	43		Quartzite		greyish	yellow				
43	78		Q Monzonite	Argillite	green	greyish				
78	206		Q Monzonite	Argillite	greyish	pink				Lower contact very irregular , but about 8 degrees to the core axis.
206	214		Quartzite		yellow	green				
214	235		Quartzite	Aplite	green					Thin Aplite dykes in this section range in size between 2cm and 10cm.
235	253.5		Quartzite		yellow	green				
253.5	255		Q Monzonite							Dyke cuts core at 25 degrees.
255	267.6		Quartzite		yellow	green				
267.6	267.9		Q Monzonite							Dyke cuts core at 23 degrees
267.9	310.3		Quartzite		yellow	green				

Appendix 5.2.2 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3.7		Casing							
3.7	38.2		Argillite	Siltstone	grey	greenish				
38.2	46		Hornfels		white	green	fine			
46	48.3		Greenstone		dark	green				
48.3	59		Hornfels		white	green	fine			
59	107.1		Hornfels	Skarn	dark	greenish				The Hornfels are interbedded by the Skarn. The Skarn is generaly very vuggy.
107.1	132		Siltstone	Quartzite	greyish	yellow				
132	145		Quartzite		yellowish	grey		massive		
145	172.2		Siltstone	Argillite	yellowish	grey				
172.2	180		Quartzite		pinkish	white		massive		
180	201.5		Siltstone	Quartzite	yellowish	grey				
201.5	218.9		Quartzite	Siltstone	yellowish	grey	fine	massive	laminated	

Appendix 5.2.2 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

From (m)	*To (m)*	*Map Unit*	*Major Rock Type*	*Minor Rock Type*	*Primary Colour*	*Secondary Colour*	*Grainsize*	*Primary Texture*	*Secondary Texture*	*Notes:*
0	3		Casing							
3	168		Argillite	Siltstone	greyish	black	fine			

Appendix 5.2.3 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
4	17	DISSEMINATED	pyrite	2	moly	2	magnetite	0	
17	44.5	DISSEMINATED	pyrite	2	moly	2	magnetite	1	Mineralization occurs in drusy quartz and feldspar veins. Moly occurs only in the quartz veins
44.5	48.5	DISSEMINATED	pyrite	3	moly	1	magnetite	1	Fine Crystals of Scheelite are widely scattered though out Greenstone unit.
48.5	148.2	VEINLETS	pyrite	3	moly	1	magnetite	0	
61.6	61.9	DISSEMINATED	scheelite	1	tetrahedrite	1	sphalerite	1	
148.2	175.5	VEINLETS	pyrite	3	moly	2	sphalerite	0	
175.5	207.5	VEINLETS	pyrite	3	moly	2	magnetite	1	
207.5	299.3	VEINLETS	pyrite	3	moly	2	magnetite	2	Mineralization occurs in Drusy quartz - muscovite veins. Moly also occurs as fine lines in hairline fractures.
299.3	325.3	VEINLETS	pyrite	3	moly	2	magnetite	2	
325.3	328.5	DISSEMINATED	pyrite	25		0		0	
328.5	340.85	VEINLETS	pyrite	3	moly	2	magnetite	2	

Appendix 5.2.3 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
2.4	16	VEINLETS	moly	1	pyrite	1			
16	69	VEINLETS	pyrite	2	moly	1	magnetite		
69	90	VEINLETS	moly		pyrite				
90	102	VEINLETS	pyrite	3	moly	2			
102	121	DISSEMINATED	pyrite	3	moly	1			
121	124	VEINLETS	moly	2	pyrite	2			
124	156	VEINLETS	moly	2	pyrite	2	magnetite		
156	164	DISSEMINATED	moly	1	pyrite	1			
164	176	VEINLETS	moly	2	pyrite	2			
176	178	VEINLETS	moly	2	pyrite	2	magnetite		
178	180	VEINLETS	moly	2	pyrite	2	sphalerite	1	
180	194	VEINLETS	moly	2	pyrite	2			
194	209.4	VEINLETS	moly		pyrite	1			
209.4	231.1	VEINLETS	moly		moly				

Appendix 5.2.3 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
8.5	13	VEINLETS	moly						
13	131.3	VEINLETS	moly	2	pyrite	2			
131.3	173.17	VEINLETS	moly		pyrite	1			

Appendix 5.2.3 - 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*
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
9.4	136.6	VEINLETS	pyrite	2	sphalerite	1	magnetite	1	

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

From (m)	To (m)	Mineralization Style	Mineralization 1	%	Mineralization 2	%	Mineralization 3	%	Notes:
7.1	130	VEINLETS	moly	1	pyrite	2			
130	163.5	VEINLETS	moly	1	pyrite	2	magnetite	2	
163.5	190	VEINLETS	moly	1	pyrite	2	magnetite	1	
190	193	VEINLETS	moly	1					
193	225.5	VEINLETS	moly	1	pyrite	2			
225.5	233	VEINLETS	moly	3					High grade Moly zone associated with Greenstone unit.
233	291.5	VEINLETS	moly	1	pyrite	2			
291.5	294	DISSEMINATED	moly	1					Minor Moly mineralization hosted by drusy white quartz vein.
294	295	VEINLETS	moly	1					Altered biotitic quartz monzonite sill hosts moly veins.
295	302	VEINLETS	moly	1	pyrite	2			
302	302.5	DISSEMINATED	moly	1					
302.5	391.7	VEINLETS	moly	1	pyrite	2			

Appendix 5.2.3 - 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*
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
6.1	129.5	VEINLETS	moly	1	pyrite	2	magnetite	1	
129.5	137	VEINLETS	moly	1	pyrite	2		0	
137	163	VEINLETS	pyrite	5	magnetite	10		0	
163	221	VEINLETS	pyrite	5	moly	1		0	
221	245.5	VEINLETS	moly	2	pyrite	5	magnetite	1	
245.5	262.5	VEINLETS	pyrite	5	moly	1		0	
262.5	266.4	DISSEMINATED	pyrite	20		0		0	
266.4	275	VEINLETS	pyrite	7	moly	1	scheelite	1	
275	309.2	VEINLETS	moly	2	pyrite	5	scheelite	1	
309.2	359.1	VEINLETS	moly	1	pyrite	5	magnetite	1	

Appendix 5.2.3 - 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*
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
6	39.7	DISSEMINATED	pyrite	4	magnetite	2		0	
39.7	54	VEINLETS	moly	1		0		0	
54	175.4	VEINLETS	moly	1	pyrite	2	scheelite	1	
175.4	240.2	VEINLETS	moly	2	pyrite	2		0	

Appendix 5.2.3 - 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*
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
15	28	DISSEMINATED	pyrite	2	scheelite	1	moly	0	

Appendix 5.2.3 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
0.6	5.6	VEINLETS	pyrite	2	moly	0		0	
5.6	8.5	DISSEMINATED	pyrite	10		0		0	
8.5	13.5	VEINLETS	pyrite	2	moly	0		0	
13.5	14	DISSEMINATED	pyrite	10		0		0	
14	22.5	VEINLETS	pyrite	2	moly	0		0	
22.5	23.8	DISSEMINATED	pyrite	10		0		0	
23.8	24	VEINLETS	pyrite	2	moly	0		0	
24	51	VEINLETS	moly	0	pyrite	2	scheelite	0	
51	59	VEINLETS	moly	1	pyrite	2	scheelite	0	
59	71	VEINLETS	moly	1	pyrite	2	scheelite	0	
71	86.5	VEINLETS	pyrite	2	moly	0		0	
86.5	119.3	VEINLETS	pyrite	5	moly	1	magnetite	2	
119.3	143.2	VEINLETS	moly	1	pyrite	2		0	
143.2	151.8	VEINLETS	moly	1	pyrite	2	scheelite	0	
151.8	193	VEINLETS	moly	0		0		0	
193	237.2	VEINLETS	moly	0	pyrite	1		0	

Appendix 5.2.3 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
12	18.2	VEINLETS	pyrite	2	magnetite	2	moly		
18.2	41	VEINLETS	pyrite	2	moly	1	magnetite	1	
41	59	VEINLETS	pyrite	2	magnetite	2	moly	1	
59	71	VEINLETS	pyrite	2	moly	0		0	
71	148.8	VEINLETS	pyrite	2	magnetite	1	moly		

Appendix 5.2.3 - 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*
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
6.1	58.2	VEINLETS	moly	1		0		0	
58.2	69	VEINLETS	moly	0		0		0	
69	82	VEINLETS	moly	1		0		0	
82	112.8	VEINLETS	moly	0		0		0	
112.8	117	VEINLETS	moly	0		0		0	
117	141	VEINLETS	moly	0		0		0	
141	157.9	VEINLETS	moly	0	pyrite	1		0	

Appendix 5.2.3 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3	43	VEINLETS	moly	1	pyrite	1		0	
43	78	DISSEMINATED	pyrite	2	moly	1		0	
78	206	VEINLETS	moly	2	pyrite	4		0	

Appendix 5.2.3 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3.7	38.2	VEINLETS	pyrite	1	moly	0		0	
38.2	58	DISSEMINATED	scheelite	1		0		0	Moly is very rare in this section and occurs in veinlets
58	107.1	VEINLETS	pyrite	60	magnetite	2	scheelite	1	
107.1	132	VEINLETS	pyrite	2	moly	0		0	
132	145	VEINLETS	pyrite	3	moly	1		0	
145	172.2	VEINLETS	pyrite	3	moly	1		0	
172.2	180	VEINLETS	pyrite	3	moly	0		0	
180	201.5	VEINLETS	moly	0		0		0	
201.5	218.9	VEINLETS	pyrite	2	moly	0		0	

Appendix 5.2.3 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3	168	VEINLETS	moly	0	pyrite	2		0	

Appendix 5.2.4 - 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
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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:
325.5	325.6	Brittle	46		0		0		0		0		0		0	3	0	0	0	

Appendix 5.2.4 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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:*
156	164	Brittle	23		0		0		0		0		0		0	4	0	0	0	Fault consists of Brecciated Sediments as well as gauge.

Appendix 5.2.4 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

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:*
58	58.7	Brittle	36		0		0		0		0		0		0	3	0	0	0	Consists of crushed meta-seds and soft gauge.

Appendix 5.2.4 - 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*
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

Appendix 5.2.4 - 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*
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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:*
47	48	Brittle	0	0		0		0			0		0		0	4	0	0	0	Abundant soft gauge and crushed Sulfides.
377	379	Brittle	51	0		0		0			0		0		0	2	0	0	0	Marked by soft gauge and Meta-seds.
385	386	Brittle	0	0		0		0			0		0		0	2	0	0	0	Marked by soft gauge and brecciated Meta-seds.

Appendix 5.2.4 - 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*
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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:*
35	38	BRITTLE	50	0		0		0		0		0		0		4	0	0	0	Hanging wall of fault has about a one metre section of Brecciated rock.
121.2	123.5	BRITTLE	50	0		0		0		0		0		0		3	0	0	0	Fault consists of Brecciated Meta-seds, and crushed sulfides.

Appendix 5.2.4 - 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*
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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:*
142	142.6	BRITTLE	43		0		0		0		0		0		0	4	0	0	0	

Appendix 5.2.4 - 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*
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

Appendix 5.2.4 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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:*
168	168.5	Brittle	34		0		0		0		0		0		0	4	0	0	0	

Appendix 5.2.4 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

Appendix 5.2.4 - 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*
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

Appendix 5.2.4 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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:*
38	38	Brittle	38		0		0		0		0		0		0	4	0	0	0	
95	95.5	Brittle	30		0		0		0		0		0		0	2	0	0	0	

Appendix 5.2.4 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

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:*
36.8	37.8	Brittle	20	0		0		0		0		0		0		3	0	0	0	
160.7	162.3	Brittle	70	0		0		0		0		0		0		3	0	0	0	Fault consists mainly of broken meta-sediments and soft fault gauge
188	188.1	Brittle	10	0		0		0		0		0		0		0	0	0	0	

Appendix 5.2.4 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

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:*
101.7	101.7	Brittle	22		0		0		0		0		0		0	4	0	0	0	
158	158	Brittle	8		0		0		0		0		0		0	0	0	0	0	

Appendix 5.2.5 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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:*
193	194	50		1		white			Quartz			moly	1									
200	201	20		1		white			Quartz			moly	1									
208	209	1		1		white			Quartz	Muscovite		moly	1									
218	219	1		1					Muscovite			pyrite	25									
241	242	50		1		white			Quartz			moly	4	pyrite	5							
242	243	100		1		white			Quartz			moly	4	pyrite	5							
243	244	50		1		white			Quartz			moly	4	pyrite	5							
328	329	1		1		white			Quartz			moly	3	magnetite	1							

Appendix 5.2.5 - 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*
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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:*
178	179	1		1		smokey			Quartz			pyrite	2	moly	1	sphalerite	1					
179	180	1		1		smokey			Quartz			pyrite	2	moly	1	sphalerite	1					
193	194	1		1		smokey			Quartz			pyrite	3	magnetite	3	moly	1					

Appendix 5.2.5 - 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
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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*
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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:*

Appendix 5.2.5 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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*
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

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:*

Appendix 5.2.5 - 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*
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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:*

Appendix 5.2.5 - 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*
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

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:*

Appendix 5.2.5 - 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
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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*
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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:*

Appendix 5.2.5 - 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
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

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:

Appendix 5.2.5 - 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*
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05001	524872	5494706.7	1758	270	-45	340.85	5/1/2005	5/10/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*
241.5	180	26	white			Quartz			moly	4	pyrite	5							Writen as "High grade Moly-Pyrite-Qtz. Vein".

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05002	524872	5494706.7	1758	270	-75	231.1	5/10/2005	5/13/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05003	524872	5494706.7	1758	90	-45	173.17	5/14/2005	5/16/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Length (m)	Date Started	Date Completed	Logged By
SX05004	524654.3	5494235.1	1773	270	-45	136.6	5/16/2005	5/17/2005	D. L. Pighin

Depth (m)	Width (cm)	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:

Appendix 5.2.6 - Veining - Points

DDH Hole Number	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Length (m)	Date Started	Date Completed	Logged By
SX05005	525003.4	5494867.8	1753	270	-45	391.7	5/17/2005	5/24/2005	D. L. Pighin

Depth (m)	Width (cm)	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:

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05006	524827.3	5494627.2	1762	270	-45	359.1	5/25/2005	5/30/2004	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*
225.9	227.5	62	white			Quartz			moly	1									

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05007	524780.3	5495060.7	1931	90	-50	240.2	5/31/2005	6/3/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*
188.5	188.54	15				Quartz			moly	1									

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05008	524654.3	5494235.1	1773	90	-45	215.85	6/11/2005	6/14/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*
43.5	43.6	39		fine	MASSIVE				pyrite	70									
58.3	59.6	35		coarse	MASSIVE	Quartz			pyrite	40	moly	1							
68	68.4	30				Quartz			pyrite	5									
148.9	149.9	0		coarse	MASSIVE	Quartz			pyrite	90	moly	1							

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05009	524780.3	5495060.7	1931	270	-45	237.2	6/15/2005	6/20/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05010	524827.3	5494627.2	1762	90	-45	148.8	6/15/2005	6/17/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05011	524920.7	5495057	1851	90	-50	157.9	6/22/2005	6/25/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05012	524920.7	5495057	1851	270	-45	314.9	6/25/2005	7/1/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05013	524829.4	5495333.6	2021	90	-50	218.9	7/3/2005	7/5/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*
191	191.5	65				Quartz			pyrite	5									
192.2	192.8	65			VUGGED	Quartz	feldspar		pyrite	30									

Appendix 5.2.6 - Veining - Points

DDH Hole Number	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Length (m)*	*Date Started*	*Date Completed*	*Logged By*
SX05014	524825.5	5495334	2021	270	-45	168	7/5/2005	7/7/2005	D. L. Pighin

Depth (m)	*Width (cm)*	*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:*

Appendix 5.2.7 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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*
05001	4	5	1		70																																		
05002	5	6	1		190																																		
05003	6	7	1		70																																		
05004	7	8	1		70																																		
05005	8	9	1		50																																		
05006	9	10	1		170																																		
05007	10	11	1		280																																		
05008	11	12	1		170																																		
05009	12	13	1		50																																		
05010	13	14	1		90																																		
05011	14	15	1		50																																		
05012	15	16	1		130																																		
05013	16	17	1		140																																		
05014	17	18	1		90																																		
05015	18	19	1		220																																		
05016	19	20	1		170																																		
05017	20	21	1		200																																		
05018	21	22	1		410																																		
05019	22	23	1		710																																		
05020	23	24	1		340																																		
05021	24	25	1		310																																		
05022	25	26	1		160																																		
05023	26	27	1		250																																		
05024	27	28	1		1010																																		
05025	28	29	1		900																																		
05026	29	30	1		310																																		
05027	30	31	1		1040																																		
05028	31	32	1		310																																		
05029	32	33	1		410																																		
05030	33	34	1		310																																		
05031	34	35	1		250																																		
05032	35	36	1		80																																		
05033	36	37	1		590																																		
05034	37	38	1		700																																		
05035	38	39	1		370																																		
05036	39	40	1		280																																		
05037	40	41	1		2100																																		
05038	41	42	1		490																																		
05039	42	43	1		820																																		
05040	43	44	1		1050																																		
05041	44	45	1		50																																		
05042	45	46	1		130																																		
05043	46	47	1		80																																		
05044	47	48	1		100																																		
05045	48	49	1		100																																		
05046	49	50	1		320																																		
05047	50	51	1		230																																		
05048	51	52	1		370																																		
05049	52	53	1		200																																		
05050	53	54	1		120																																		
05051	54	55	1		250																																		
05052	55	56	1		120																																		
05053	56	57	1		310																																		
05054	57	58	1		250																																		
05055	58	59	1		660																																		

Appendix 5.2.7 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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*
05056	59	60	1		310																																		
05057	60	61	1		310																																		
05058	61	62	1		350																																		
05059	62	63	1		150																																		
05060	63	64	1		130																																		
05061	64	65	1		130	9.71	25.3	26	0	8.32	12.9	163.6	0.6607	0	0	0	1.594	7.98	0.651	0	6.76	4.11	0.5159	0	15.3	82.5	0.2055	83.27	0	23.4	0.1994	0.0186	0.1436	0						
05062	65	66	1		300	5.39	11.4	20.4	0	14	9.16	61.6	0.4372	0	0	0	11.24	4.67	0	0	0	4.4	0.1202	0.0057	17.7	106	0.0562	148.7	0	27.8	0.2856	0.0106	0.2145	0						
05063	66	67	1		220	8.04	6.08	10.7	0	15.2	14.8	116.7	0.7181	0	0	0	11.25	4.34	0.551	0	0	5.87	0.3079	0.005	19.8	111	0.1411	98.45	0.006	27.2	0.3453	0.0111	0.2303	0						
05064	67	68	1		270	8.54	2.15	14.3	0	9.81	10	139.8	0.456	0	0	0	17.69	3.89	0	0	0	4.4	0.3294	0	14.6	80.9	0.1321	61.15	0	27.8	0.1836	0.0101	0.1388	0						
05065	68	69	1		130	7.2	3.69	13.9	0	8.94	11.6	195.9	0.5945	0	0	0	8.026	6.68	0	0	0	5.28	0.5399	0	17.7	79.5	0.2196	72.93	0	27.7	0.2729	0.012	0.1918	0						
05066	69	70	1		310	4.83	5.24	26	0	12.4	13.6	125.5	0.505	0	0	0	17.67	4.21	0.501	0	1.93	5.28	0.22	0.0088	21	66.8	0.1971	66.67	0.011	26	0.4955	0.0195	0.339	0						
05067	70	71	1		190	13.5	5.36	39.3	0	11.7	19.9	302.4	0.9018	0	0	0	14.44	10.2	0.843	0	0	8.22	0.7949	0.0103	23.1	95.3	0.3032	90.56	0.0174	29	0.5483	0.0193	0.3854	0						
05068	71	72	1		160	16	12.6	75.9	0	14.1	17.2	236.1	0.8801	0	0	0	12.85	10.3	1.01	0	2.9	8.52	0.5185	0.0153	22.1	113	0.2222	106.1	0.01	31.5	0.5295	0.022	0.376	0						
05069	72	73	1		370	4.62	7.62	31.2	0	28.5	30.8	101.2	1.808	0	0	0	3.204	5.64	1.49	0	0	6.46	0.2908	0.0116	15.3	78.8	0.1065	21.83	0.0083	27.8	0.5028	0.0149	0.321	0						
05070	73	74	1		70	6.34	25.6	232	0.5837	8.32	9.3	69.79	0.4369	0	0	0	8.026	3.24	1.63	0	9.66	4.11	0.1555	0.0087	14.5	64.2	0.0615	101.6	0.0067	26.8	0.4008	0.0124	0.2599	0						
05071	74	75	1		80	11.7	5.48	20.2	0	9.2	11.8	303.5	0.6375	0	0	0	11.24	17.1	0.559	0	0	5.87	0.8906	0.0082	20.3	113	0.3849	85.83	0.0054	31	0.3917	0.0133	0.2636	0						
05072	75	76	1		220	16.8	5.6	28.2	0	13.7	12.5	114.5	0.6715	0	0	0	3.204	7.98	0.651	0	2.9	6.46	0.3011	0.0115	17.4	147	0.147	81.85	0.0054	30.4	0.3379	0.0124	0.2298	0						
05073	76	77	1		150	7.77	3.69	6.08	0	11	15.3	91.5	0.6409	0	0	0	0	4.02	0	1.06	0	3.81	0.1453	0.0059	12	121	0.0595	125.1	0	31.4	0.2421	0.0113	0.1856	0						
05074	77	78	1		150	10.5	6.43	10.3	0	14.7	16.1	139.9	0.8354	0	0	0	9.634	8.49	0.726	0	0	6.46	0.3424	0.0059	15.3	123	0.1527	119	0	31	0.2932	0.0124	0.2177	0						
05075	78	79	1		450	4.41	2.86	4.39	0	17.3	7.18	51.8	0.3699	0	0	0	12.86	2.39	0	0	0	4.4	0.1084	0	16.1	148	0.0513	143.1	0	31.6	0.2773	0.0126	0.2115	0						
05076	79	80	1		350	15.8	11.3	18	0	18	13.4	158.3	0.724	0	0	0	12.85	8.82	0.634	0	0	8.23	0.4177	0.0057	21	137	0.2544	160.3	0.0109	33	0.5339	0.0151	0.3657	0						
05077	80	81	1		220	6.77	50.3	22.6	0	12	11.9	26.92	0.5877	0	0	0	16.06	3.11	0.601	0	0	3.52	0.0671	0	13.2	116	0.0362	173.6	0.0079	30.2	0.4263	0.014	0.2862	0						
05078	81	82	1		490	7.97	11.1	42.3	0	18	10.8	342.2	0.5578	0	0	0	3.204	10.6	0.701	0	0	6.46	0.7879	0.0059	21.3	167	0.3057	136.9	0.0052	31.5	0.3723	0.0121	0.2363	0						
05079	82	83	1		380	6.22	3.69	9	0	14	10.3	161.7	0.5202	0	0	0	11.24	7.46	0	0	0	6.17	0.4717	0.0053	19.2	142	0.1949	133.3	0	29.2	0.2724	0.0099	0.1857	0						
05080	83	84	1		170	4.22	2.38	5.4	0	10.2	6.53	58.57	0.2919	0	0	0	8.031	4.21	0	0	1.93	4.4	0.1826	0.0052	19.2	152	0.0698	131	0	28.8	0.2083	0.0115	0.172	0						
05081	84	85	1		130	12.5	0.239	11.7	0	47.4	14.4	138.8	0.6511	0	0	0	20.88	5.25	0.576	0	0	7.05	0.3126	0.005	21.3	104	0.1793	94.4	0.0118	29.6	0.4746	0.0176	0.3393	1.15						
05082	85	86	1		560	67.1	2.98	10.5	0	30.1	20.4	97.83	0.9995	0	0	0	17.67	4.47	0.843	0	0	7.05	0.2539	0.0092	22.3	101	0.1254	108.8	0.0089	24.9	0.4674	0.0179	0.3236	0						
05083	86	87	1		170	7.04	5.6	10.6	0	14	15.6	83.27	0.7678	0	0	0	20.87	4.53	0.609	0	0	7.64	0.1929	0.0081	23.4	97.3	0.1718	117.8	0.0176	34	0.6848	0.0255	0.4692	0						
05084	87	88	1		310	7.34	4.05	14.9	0	15.4	14	382.1	0.6515	0	0	0	9.62	7.7	0.584	0	0	7.93	0.7641	0.017	21.3	79	0.305	101.8	0.0138	33.5	0.5274	0.0213	0.3828	0						
05085	88	89	1		230	5.91	4.53	17.5	0	17.5	17.4	170.7	0.7365	0	0	0	14.45	5.7	0.559	0	0	8.23	0.382	0.0224	22.3	74.6	0.2227	101	0.0137	32.4	0.5769	0.0221	0.4015	0						
05086	89	90	1		120	9.39	4.65	11.9	0	12.6	15.6	184.7	0.6965	0	0	0	11.24	5.05	0	0	2.9	7.64	0.3756	0.0167	22.6	69.1	0.215	139.7	0.0115	29.4	0.5398	0.0217	0.378	0						
05087	90	91	1		260	9.17	4.53	11.7	0	15.5	15.4	151	0.7805	0	0	0	4.811	6.74	0.559	0	0	6.76	0.4637	0.0086	22.3	77.5	0.2237	88.35	0.0104	31.6	0.5469	0.0229	0.3839	0						
05088	91	92	1		50	8.03	4.53	17.4	0	6.92	11.3	344.6	0.6195	0	0	0	3.204	7.84	0	0	0	8.23	0.9736	0.0068	20.8	75.9	0.2864	68.79	0.0109	29.3	0.4618	0.0128	0.2876	0						
05089	92	93	1		140	7.79	3.69	11.5	0	8.94	10.1	186.9	0.4871	0	0	0	6.42	5.51	0	0	0	5.58	0.612	0.0088	17.9	49.2	0.2102	55.31	0.0116	29.6	0.3367	0.0121	0.2261	0						
05090	93	94	1		120	7.26	4.65	11.6	0	7.18	11.6	106.2	0.6128	0	0	0	11.24	6.67	0.526	0	0	6.17	0.4461	0.0108	20.8	86.6	0.1374	90.74	0.0096	24	0.5199	0.0169	0.3234	0						
05091	94	95	1		240	46.4	3.93	11.4	0	18.4	15.2	62.06	0.7801	0	0	0	9.633	3.37	0.634	0	0	5.28	0.3222	0.006	22.1	61.9	0.1112	54.07	0.0068	28.8	0.4321	0.0151	0.2566	0						
05092	95	96	1		130	28.3	7.27	13.7	0	16.4	21.9	151.2	0.7912	0	0	0	19.28	6.09	0.584	0	0	7.64	0.5396	0.0083	21.8	73.9	0.1512	157.6	0.0076	29.4	0.5765	0.017	0.3776	0						
05093	96	97	1		1760	17	1.55	12.5	0	63.3	11.7	104.1	0.5766	0	7	0	20.88	6.61	0	0	0	7.05	0.452	0.0061	22.3	75.2	0.2582	99.34	0.01	31.1	0.6025	0.0225	0.3763	2.39						
05094	97	98	1		2610	19.5	0	14.2	0	76.8	12.5	262.9	0.5886	0	9	0	17.67	8.75	0	0	0	7.64	0.8331	0.0062	21.6	159	0.332	78.45	0.0123	35.4	0.4764	0.0172	0.2878	8.44						
05095	98	99	1		580	33.3	6.55	1080	0	26	9.73	254.7	0.4823	0	52	0	17.67	12.6	6.01	0	0	8.82	0.6488	0.0062	22.3	203	0.2546	69.77	0.0116	33.6	0.4065	0.0166	0.2722	0						
05096	99	100	1		220	10.6	4.41	13.4	0	12.4	8.79	52.54	0.4166	0	0	0	14.45	2.78	0	0	0	5.58	0.1452	0.0121	21.3	54.1	0.1447	63.04	0.01	29.4	0.512	0.0193	0.324	0						
05097	100	101	1		440	27.3	3.22	14.8	0	18.2	10.6	106.1	0.5017	0	0	0	19.28	3.43	0	0	0	5.87	0.2321	0.0092	22.3	48.5	0.1904	73.29	0.0111	28	0.4491	0.0161	0.3216	0						
05098	101	102	1		100	21.8	8.7	29.8	0	16.5	22.6	332.9	1.26	0	0	0	14.45	9.92	0.993	0	0	9.7	0.9533	0.0143	30.7	113	0.4973	85.92	0.0254	34.9	0.774	0.0233	0.5201	0						
05099	102	103	1		140	11.9	4.17	11.5	0	9.02	10.9	66.08	0.4697	0	0	0	17.67	4.15	0	0	0	4.99	0.1865	0.0108	20.8	74.6	0.0949	105	0.0085	34.1	0.4315	0.0146	0.2973	0						
05100	103	104	1		100	19.2	7.15	155	0	11.7	14.8	322.5	0.7583	0	0	0	8.025	15	1.29	0	0	8.52	1.15	0.0195	33.5	115	0.4346	80.59	0.0074	37.7	0.5398	0.0142	0.3278	2.42						
05101	104	105	1		220	83.2	12.5	21.8	0	14	13	152.3	0.6134	0	0	0	9.633	9.27	0.576	0	0	6.76	0.4765	0.0117	27.8	139	0.2053	89.75	0.0091	36.9	0.5506	0.0166	0.3457	0						
05102	105	106	1		310	26.3	12.2	123	0	18.6	15.9	176.6	0.8453	0	0	0	9.632	16.1	1.24	0	0	5.58	0.5759	0.0115	20.3	108	0.2645	69.2	0.0053	34.6	0.4277	0.0158	0.2921	0						
05103	106	107	1		140	42.3	8.94	21.6	0	12.4	12.6	232.9	0.5954	0	0	0	17.67	23.3	0	0	0	7.35	1.101	0.011	32.7	91.2	0.4858	94.86	0.0062	32.3	0.4453	0.0142	0.2985	0						
05104	107	108	1		160	35.1	10.4	26.5	0	27.2	37.4	100.7	1.81	0	0	0	19.28	8.36	1.38	0	0	7.05	0.3108	0.0126	17.7	70	0.1539	19.5	0.0098	31.4	0.4996	0.0147	0.3213	0						
05105	108	109	1		250	29.7	7.03	22.1	0	23.3	28.9	101.9	1.415	0	0	0	9.633	7.52	1.11	0	0	6.76	0.3014	0.0274	23.1	46.6	0.1572	70.06	0.0112	30.7	0.5523	0.0159	0.3613	0						
05106	109	110	1		170	18.9	5.48	17	0	13.3	16.2	201.2	0.6868	0	0	0	6.418	23.9	0.651	0	0	9.11	1.237	0.0223	32	49.5	0.5975	62.8	0.0078	29.2	0.4756	0.0141	0.3308	0						
05107	110	111	1		160	23	24.4	215	0	16.9	24.6	268.6	1.028	0	0	0	9.633	8.75	1.96	0	20.3	10.6	0.9873	0.0173	28.1	96.4	0.5658	52.75	0.0191	31.7	0.8014	0.0178	0.5097	1.42						
05108	111	112	1		270	21.5	9.05	195	0	23.8	25.2	205.4	1.241	0	0	0	8.026	8.3	1.91	0	0	8.52	0.7577	0.0068	16.9	101	0.4482	51.39	0.02	34.7	0.4833	0.0131	0.2878	0						
05109	112	113	1		130	113	13.7	14	0	10.6	8.43	60.6	0.3523	0	0	0	4.811	6.8	0	0	0	4.99	0.2221	0.0063	19.2	168	0.1261	54.44	0.0063	33.9	0.401	0.0132	0.2371	0						
05110	113	114	1		200	19.3	5.6	11.2	0	11.3	6.96	29.33	0.2701	0	0	0	11.24	3.17	0	0	1.93	4.99	0.1971	0.0074	23.6	78.5	0.0882	44.6	0.0085	31.9	0.4967	0.0183	0.3115	0						

Appendix 5.2.7 - 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
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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
05111	114	115	1		220	17.5	6.43	16.7	0	11.3	15.3	129.1	0.6453	0	0	0	16.06	6.09	0	0	0	9.7	0.6158	0.008	22.1	86.6	0.3747	34.6	0.0252	31.9	0.7361	0.0165	0.4417	0						
05112	115	116	1		140	6.62	4.53	7.29	0	5.43	4.8	28.53	0.2174	0	0	0	11.24	2.85	0	0	0	5.58	0.1928	0.0069	25.7	89.6	0.0929	43.87	0.0115	27.9	0.5376	0.0199	0.3487	0						
05113	116	117	1		120	12.9	7.98	21	0	8.32	11.9	196.8	0.5901	0	0	0	8.025	7.32	0	0	0	9.11	0.8983	0.0069	24.4	102	0.4016	42.93	0.0085	31.4	0.556	0.0135	0.3295	2.39						
05114	117	118	1		2580	17.8	4.53	8.68	0	15	6.49	91.02	0.3142	0	0	0	1.594	7.92	0	0	2.9	5.88	0.4518	0	16.6	187	0.2107	64.45	0	30.6	0.263	0.0092	0.1422	0						
05115	118	119	1		80	6.96	4.41	9.21	0	8.32	8.02	84.71	0.3669	0	0	0	6.422	8.24	0	0	0	6.17	0.4519	0.0086	20.8	140	0.1865	70.01	0	27.9	0.3753	0.0108	0.1964	0						
05116	119	120	1		180	25.6	6.67	31.5	0	18.6	24	367.7	1.078	0	0	0	9.633	9.85	0.826	0	0	11.8	1.55	0.0135	26.5	65.2	0.8047	41.42	0.0217	32.5	0.6782	0.0141	0.5073	13.5						
05117	120	121	1		200	7.37	2.86	5.77	0	13.4	5.59	57.77	0.2503	0	0	0	8.031	5.97	0	0	2.9	5.88	0.2889	0.0088	17.9	143	0.1245	27.32	0	27.7	0.2578	0.013	0.1774	0						
05118	121	122	1		70	19.7	7.74	15.2	0	11.6	17.6	155.4	0.8496	0	0	0	12.85	4.73	0.668	0	0	7.93	0.7947	0.0083	26.5	92.2	0.3644	49.32	0.0187	31.4	0.7779	0.0181	0.4762	16.3						
05119	122	123	1		140	7.88	3.57	6.6	0	8.67	8.45	34.81	0.3504	0	0	0	8.026	2.91	0	0	0	5.28	0.1964	0.0075	21.8	55.1	0.0731	65.46	0.0086	28.3	0.4704	0.0168	0.3136	0						
05120	123	124	1		140	8.81	7.03	29.8	0	11.3	11.5	107.6	0.5574	0	0	0	9.639	8.69	0.551	0	0	6.46	0.4706	0.0072	16.6	93.3	0.2131	65.43	0.0061	31.3	0.3435	0.0126	0.2123	0						
05121	124	125	1		340	4.22	5.6	43.6	0	13.2	7.67	19.34	0.3615	0	0	0	17.67	1.16	0.543	0	0	2.63	0.0518	0.0057	13.2	45.3	0.0359	57.22	0.0063	29.4	0.3653	0.0129	0.2339	0						
05122	125	126	1		290	4.22	13.3	31.4	0	14.9	9.37	32.87	0.4455	0	0	0	6.418	2.2	0	0	1.93	2.63	0.0621	0.0069	12.7	73.3	0.0441	91.72	0.0055	29.2	0.4163	0.0126	0.2673	0						
05123	126	127	1		170	20.1	6.91	29.5	0	16.5	20.7	239.7	1.005	0	0	0	0	20.9	0.86	0	0	7.35	1.097	0.0071	22.1	101	0.4994	63.39	0	28.9	0.4503	0.0106	0.2938	4.14						
05124	127	128	1		200	21.6	6.67	23.9	0	18.2	22.5	133.5	0.9832	0	0	0	3.204	9.27	0.776	0	0	6.17	0.5447	0.0088	16.4	70.7	0.2765	61.28	0.0054	31.1	0.4579	0.0113	0.2787	0						
05125	128	129	1		260	9.43	2.98	8.37	0	16.2	9.17	74.55	0.4109	0	0	0	14.47	5.64	0	0	0	4.11	0.254	0.0066	16.6	144	0.1076	72.95	0	28.8	0.2628	0.0107	0.1851	2.12						
05126	129	130	1		360	10.4	3.69	11.2	0	13.8	8.48	132.8	0.3881	0	0	0	8.026	13.4	0	0	0	4.7	0.6121	0.0054	17.4	106	0.2671	70.82	0	29.9	0.214	0.0092	0.139	0						
05127	130	131	1		160	24.2	8.22	28.3	0	11.9	18.7	179.1	0.9241	0	0	0	6.418	21.9	0.743	0	0	8.82	0.7908	0.0096	24.7	89.6	0.5014	108	0.0133	28	0.6406	0.0145	0.4108	13.4						
05128	131	132	1		300	29.5	5.01	12.6	0	16.3	9.04	63.18	0.3924	0	0	0	12.85	5.51	0.401	0	0	6.46	0.3212	0.0116	26	64.2	0.1292	55.51	0.0088	28.8	0.5005	0.0161	0.3284	0						
05129	132	133	1		100	22.7	11.2	54.9	0	12.7	12.2	89.14	0.5757	0	0	0	12.85	7.91	0.567	0	0	7.94	0.4431	0.0096	25.5	85.3	0.1804	122.2	0.008	31.5	0.5218	0.0164	0.3186	0						
05130	133	134	1		80	43.8	10.6	31.7	0	17.5	30.8	275.2	1.455	0	0	0	12.83	18	1.26	0	0	8.52	1.516	0.0097	29.3	54.6	0.5771	99.83	0.0056	28.6	0.4083	0.0122	0.2878	0						
05131	134	135	1		80	16	1360	2410	0.5852	19.1	20.1	151.5	1.176	8	0	0	14.33	41.9	16.1	0	0	7.23	0.3803	0.0059	16.3	162	0.1739	23.51	0.0052	27.9	0.4046	0.0115	0.2747	0						
05132	135	136	1		110	8.28	13.5	18.8	0	9.56	9.8	145.8	0.5656	0	0	0	9.55	11	0	0	2.67	8.03	0.5655	0.0077	26.1	139	0.2976	112.1	0.0125	28.6	0.544	0.0132	0.3621	0						
05133	136	137	1		280	8.32	8.81	16.1	0	11.3	8.7	122.5	0.436	0	0	0	6.368	9.03	0	0	0	6.43	0.5076	0.0066	19.8	119	0.2553	70.46	0.0183	30	0.3932	0.0101	0.2247	3						
05134	137	138	1		320	4.19	4.51	106	0	18.9	19.4	69.74	1.153	0	0	0	9.549	4.64	0.972	0	2.01	6.16	0.2439	0.0116	15.7	148	0.1367	46.39	0.0093	29.3	0.3947	0.012	0.2671	0						
05135	138	139	1		130	4.37	3.71	13.8	0	9.95	8.23	139.8	0.4994	0	0	0	12.74	14.8	0	0	0	8.3	0.6581	0.0101	24.6	180	0.3276	62.23	0.0086	30.9	0.4466	0.0138	0.3079	0						
05136	139	140	1		110	21.8	22	64.1	0	18.7	28.5	182.3	1.554	0	0	0	0	12.7	1.11	0	0	5.08	0.4073	0	14.8	149	0.1933	12.87	0	27.4	0.2593	0.0095	0.1781	0						
05137	140	141	1		180	3.92	3.1	10.2	0	9.72	4.08	55.35	0.2633	0	0	0	9.56	3.97	0	0	1.34	3.74	0.1697	0.0066	17.9	191	0.0662	55.56	0	27.9	0.2177	0.0092	0.1542	0						
05138	141	142	1		80	5.8	3.11	10.1	0	8.66	4.47	47.03	0.2653	0	0	0	11.15	5.45	0	0	0	4.55	0.1648	0.0052	15.7	165	0.0767	60.04	0	28.9	0.2414	0.0098	0.1843	0						
05139	142	143	1		100	15.7	3.51	17.1	0	8.88	13.5	235.7	0.7336	0	0	0	6.365	12.1	0	0	3.34	8.3	1.002	0	19.6	163	0.5152	24.14	0.0173	31.1	0.4039	0.0101	0.2518	4.52						
05140	143	144	1		310	14.1	23.2	51.2	0	14.7	16.4	136.1	0.6999	0	0	0	12.74	10.4	0.687	0	1.34	6.69	0.5215	0.0072	17	128	0.2411	90.9	0.0063	27.1	0.3046	0.0104	0.2283	0						
05141	144	145	1		510	7.47	86.3	137	0	14	9.19	64.95	0.4092	0	0	0	11.15	6.4	1.17	0	0	3.47	0.1846	0.0098	19.6	66.3	0.0812	106	0	29.5	0.2503	0.0107	0.201	0						
05142	145	146	1		410	2.55	9.72	11.8	0	10.2	3.47	36.67	0.2174	0	0	0	7.959	3.97	0	0	2.01	4.01	0.1544	0.0106	22.6	89.1	0.0733	60.34	0.006	27.6	0.287	0.0117	0.2217	0						
05143	146	147	1		190	6.19	35.9	79.1	0	6.74	8.53	111.6	0.4473	0	0	0	15.93	8.42	0.732	0	5.35	5.89	0.5178	0.0074	21.3	112	0.2305	59.71	0.0068	33.9	0.2923	0.0106	0.2043	0						
05144	147	148	1		160	7.8	3.51	11.2	0	11.1	10.8	118	0.5108	0	0	0	15.92	5.59	0	0	8.03	7.77	0.4277	0.0071	20	175	0.2291	63.96	0.0182	32.1	0.4424	0.0189	0.2984	0						
05145	148	149	1		190	11.3	3.6	14.3	0	11.2	10.3	280	0.5794	0	0	0	19.1	7.74	0	0	3.34	8.3	0.7981	0.0066	23.3	185	0.3679	31.55	0.0202	31	0.4648	0.0133	0.3037	0						
05146	149	150	1		200	3.73	2.5	9.2	0	11.6	10.7	110.6	0.5792	0	0	0	14.33	8.69	0	0	2.01	6.43	0.403	0.006	20.5	175	0.1884	34.67	0.0066	32.2	0.2926	0.0144	0.2275	0						
05147	150	151	1		440	6.92	2.7	14.2	0	14.3	14.3	70.61	0.6822	0	0	0	9.55	4.57	0	0	0	5.89	0.2141	0.0137	17.4	99.5	0.3072	33.75	0.0161	33.2	0.4464	0.0133	0.3481	0						
05148	151	152	1		260	5.22	2.9	13.1	0	12	8.18	159.5	0.4984	0	0	0	9.549	7.41	0	0	5.35	7.77	0.4767	0.007	20.5	187	0.2516	37.51	0.0119	32.2	0.4829	0.015	0.346	0						
05149	152	153	1		370	7.34	2.61	15.8	0	13.5	10	207.5	0.6135	0	0	0	14.33	7.74	0	0	0	9.11	0.4442	0.0104	19.1	148	0.3046	50.63	0.0193	31.1	0.4936	0.0126	0.3331	0						
05150	153	154	1		100	20.5	2.2	9.7	0	12.6	7.4	66.31	0.4214	0	0	0	9.55	3.63	0	0	0	6.42	0.1368	0.0138	21.5	128	0.1543	30.75	0.0086	26.9	0.4084	0.0139	0.3065	0						
05151	154	155	1		190	11.9	4.81	27.5	0	13.9	14.1	401	0.8051	0	0	0	14.33	13.5	0	0	2.01	10.4	0.9941	0.0086	23.1	204	0.4611	46.29	0.0291	28.7	0.6539	0.0128	0.4518	0						
05152	155	156	1		200	13.2	3.41	16.5	0	12.6	13.6	148.2	0.6935	0	0	0	11.14	7.81	0	0	0	6.69	0.4104	0.0112	23.1	118	0.3079	58.57	0.0183	30	0.5665	0.015	0.3941	0						
05153	156	157	1		310	13.9	3.51	74.5	0	17.7	14.1	139.9	0.8107	0	0	0	9.55	8.35	0.693	0	0	9.91	0.499	0.0127	25	152	0.463	57.66	0.0215	29.2	0.7452	0.0189	0.54	10.7						
05154	157	158	1		240	12.2	3.71	109	0	15.1	13.9	128.5	0.776	0	0	0	6.364	12.9	0.901	0	0	6.96	0.4545	0.0058	18.7	157	0.2721	61.31	0.0097	30.7	0.5538	0.0147	0.3856	0						
05155	158	159	1		350	6.16	2.2	12.6	0	15.5	11.5	41.1	0.6708	0	0	0	4.772	3.97	0	0	0	4.01	0.1335	0.0058	15.4	141	0.0664	61.25	0.0058	27.3	0.4037	0.013	0.261	0						
05156	159	160	1		330	4.1	0.702	13.2	0	17.3	13.4	115.3	0.8081	0	0	0	11.14	6.6	0	0	4.01	7.77	0.2828	0.0054	16.7	149	0.1465	58.68	0.0103	31.3	0.4613	0.0135	0.3124	0						
05157	160	161	1		100	7.08	2.4	12.4	0	12.2	12.5	97.63	0.6845	0	0	0	17.53	8.02	0	0	2.01	5.62	0.3141	0.0054	19.8	123	0.1454	50.88	0.0063	26.1	0.3626	0.0116	0.2368	0						
05158	161	162	1		280	6.35	1.1	12.9	0	16	11.5	85.58	0.7131	0	0	0	11.15	6.8	0	0	0	6.69	0.2553	0	17.4	154	0.1235	47.84	0.0056	25.3	0.3631	0.0116	0.2366	0						
05159	162	163	1		620	8.53	1	17.6	0	16.6	7.65	62.01	0.453	0	0	0	15.92	8.01	0	0	0	5.35	0.2567	0	17.4	104	0.1398	62.34	0.0063	23.4	0.3758	0.013	0.2592	0						
05160	163	164	1		510	3.89	7.01	19.7	0	23.5	17.1	127.7	0.9872	0	0	0	6.368	5.25	0.635	0	0	5.35	0.1647	0	12.8	176	0.0811	52.03	0	23.3	0.3305	0.0104	0.2167	0						
05161	164	165	1		190	8.56	4.41	32.5	0	11.9	9.82	164.8	0.6037	0	0	0	7.957	10.4	0	0	1.34	6.69	0.4965	0.0052	19.1	136	0.208	57.54	0.007	26.4	0.4459	0.0118	0.2916	0						
05162	165	166	1		260	19.8	1.7	7.25	0	22.1	35	63.15	1.298	0	0	0	9.549	5.59	0.745	0	0	6.42	0.273	0	15.7	117	0.122	15.12	0.0055	26.9	0.4359	0.0132	0.2877	0						
05163	166	167	1		440	5.53	6.51	23.9	0	14.8	9.19	125.7	0.5143	0	0	0	4.775	8.35	0	0	0	4.81	0.2793	0	17	143	0.1384	88.79	0.0052	31.4	0.4062	0.0125	0.2622	0						
05164	167	168	1		620	4.74	5.01	27.8	0	24.6	21.4	124.7	1.188	0	0	0	6.368	7.21	0.739	0	0	6.96	0.2622	0	16.3	166	0.1308	25.06	0.0059	28.9	0.4243	0.0134	0.2624	0						
05165	168	169	1		290	5.73	5.11	67.8	0	20.9	16.7	73.03	0.9271	0	0	0	14.33	7.27	0.777	0	5.35	6.69	0.222	0.006	17.6	172	0.1157	47.8	0.0072	27.4	0.4897	0.0132	0.3198	0						

Appendix 5.2.7 - 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
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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
05166	169	170	1		130	34.2	63.6	85.8	0	16.9	24.5	101	1.298	0	0	0	4.772	5.11	1.03	0	72.9	6.69	0.2648	0.0062	15.2	168	0.162	37.21	0.0101	28.5	0.4884	0.0126	0.3172	0						
05167	170	171	1		220	8.56	8.41	47.1	0	14.7	12.3	83.49	0.7469	0	0	0	9.549	9.9	0.564	0	6.69	6.69	0.2522	0.0097	22	126	0.1365	87.55	0.0094	29	0.5686	0.0146	0.3708	0						
05168	171	172	1		240	9.13	4.91	25.8	0	16.6	19.5	264.5	1.104	0	0	0	12.73	13.9	0.603	0	0	6.16	0.7693	0.006	19.4	170	0.3113	58.62	0.0096	24.2	0.484	0.0127	0.3426	0						
05169	172	173	1		1010	3.61	3.11	52.7	0	28.8	21.9	46.51	1.304	0	0	0	6.361	4.64	0.907	0	0	3.21	0.1368	0.0073	10.9	57.5	0.0582	16.45	0	29.2	0.1372	0.0093	0.1012	0						
05170	173	174	1		250	35.2	87.3	136	0	19.5	23.9	71.61	1.356	0	0	0	9.55	8.42	1.4	0	113	6.16	0.2343	0.0102	16.8	83.2	0.2031	12.72	0.0118	30.4	0.4533	0.0129	0.3188	3.9						
05171	174	175	1		340	4.98	2.3	73.4	0	34.1	45.6	47.16	2.923	0	0	0	6.369	5.32	1.91	0	0	5.08	0.1913	0.0091	12.8	125	0.0777	6.113	0.006	28.5	0.3879	0.014	0.2497	0						
05172	175	176	1		300	11.7	3.9	47.4	0	17.1	19.4	108.7	1.065	0	0	0	3.18	15.8	0.745	0	0	6.69	0.5573	0.0087	22.8	96	0.2118	20.38	0.0086	24.8	0.4644	0.0128	0.3076	0						
05173	176	177	1		190	12.9	1.2	9.03	0	13	15.4	75.68	0.7383	0	0	0	11.15	6.47	0	0	0	4.81	0.3907	0	19.8	102	0.1733	53.82	0.0061	29.7	0.3225	0.0135	0.2042	0						
05174	177	178	1		80	33.1	4.51	18.3	0	12.4	13.9	126.2	0.7572	0	0	0	9.549	7.88	0	0	0	7.5	0.4815	0.0058	23.9	110	0.2887	69.3	0.0164	32.4	0.6162	0.0188	0.4157	0						
05175	178	179	1		310	7.77	0.602	12.6	0	14.2	10.8	78.34	0.4846	0	0	0	7.958	5.11	0	0	0	3.2	0.207	0	14.1	84.9	0.1041	68.16	0	25.8	0.2003	0.011	0.1456	0						
05176	179	180	1		190	7.52	1.8	19.9	0	13.7	12.7	70.45	0.7256	0	0	0	17.51	6.26	0	0	0	5.35	0.2173	0	17.8	106	0.0957	53.66	0.0086	27.7	0.4615	0.0153	0.3054	0						
05177	180	181	1		210	5.07	3	7.71	0	12.6	7.56	70.95	0.4189	0	0	0	9.556	12.2	0	0	0	5.35	0.3618	0.0102	22.2	143	0.1262	95.39	0	18.8	0.3641	0.0194	0.2136	0						
05178	181	182	1		220	2.06	3.4	154	0	32.4	48.1	31.67	3.192	0	0	0	7.962	6.6	2.41	0	0	6.16	0.2603	0.0102	17	127	0.0821	6.883	0	24.7	0.4733	0.0148	0.226	0						
05179	182	183	1		240	5.64	1.8	44.4	0	18.7	17.7	30.79	1.055	0	0	0	9.549	5.11	0.751	0	2.67	5.08	0.1391	0	15.2	85.3	0.0735	18.57	0.008	27.4	0.5147	0.015	0.3264	0						
05180	183	184	1		520	13.8	3.51	16	0	21.5	17	125.3	0.9928	0	0	0	9.549	12.1	0.512	0	0	6.96	0.4412	0	16.1	124	0.3356	29.62	0.0123	27.1	0.5403	0.0153	0.3702	0						
05181	184	185	1		180	5.34	4	98.8	0	19.2	14.7	122.4	0.8616	0	0	0	7.961	9.23	0.991	0	0	5.08	0.2679	0	14.6	132	0.1409	25.66	0.0052	28.8	0.3465	0.0118	0.2302	0						
05182	185	186	1		390	6.67	5.41	97.7	0	15.8	8.25	66.59	0.4663	0	0	0	11.14	8.28	0.693	0	0	4.81	0.2253	0	17.6	136	0.1257	123.9	0.0069	29.9	0.4273	0.0129	0.278	1.84						
05183	186	187	1		770	5.59	2.3	64.5	0	21.6	9.46	48.46	0.5422	0	0	0	11.15	7.61	0.596	0	0	4.28	0.2186	0	14.2	97.1	0.093	70.69	0	26.7	0.2387	0.0099	0.1572	0						
05184	187	188	1		370	6.8	3.01	40.3	0	14.4	7.76	27.8	0.4405	0	0	0	4.774	5.92	0	0	0	4.01	0.1472	0	17.8	117	0.0728	94.52	0.0063	26.8	0.4453	0.0125	0.2567	0						
05185	188	189	1		540	5.4	5.61	140	0	16.8	12.8	85.2	0.7014	0	0	0	1.587	7.54	1.07	0	0	5.89	0.2152	0	19.4	119	0.1155	51.14	0.0084	28.1	0.5411	0.0131	0.32	0						
05186	189	190	1		230	6.13	15.5	409	0	12.4	11.8	54.42	0.6397	0	0	0	15.92	5.11	2.2	0	14.7	5.35	0.1442	0.0061	18.3	118	0.0861	110.1	0.0098	23.8	0.6068	0.0132	0.3377	0						
05187	190	191	1		250	6.62	3.41	12.6	0	10.6	8.05	99.47	0.4831	0	0	0	11.15	12.9	0	0	2.67	5.62	0.5134	0	20.2	123	0.2172	166.3	0	25.3	0.4624	0.0092	0.2029	0						
05188	191	192	1		240	9.47	3.81	26.2	0	13.9	13.3	138.9	0.7706	0	0	0	3.18	16.7	0	0	0	7.5	0.6867	0	20.4	120	0.279	109.5	0.0061	26.1	0.5681	0.0106	0.3205	0						
05189	192	193	1		210	10.7	1.6	9.8	0	11.7	10.2	36.52	0.5523	0	0	0	9.55	5.11	0	0	1.34	5.08	0.1373	0	19.6	111	0.0699	93.54	0.0119	23.3	0.5637	0.0142	0.3693	0						
05190	193	194	1		190	9.84	25.1	496	0	15.3	13.9	11.32	0.7619	0	0	0	6.368	2.48	2.77	0	29.4	3.74	0.0214	0	8.05	147	0.0277	40.39	0.0056	23.9	0.3386	0.0119	0.2058	0						
05191	194	195	1		90	7.83	0.903	10.2	0	9.73	11.2	103.5	0.4663	0	0	0	3.18	8.62	0	0	4.01	4.81	0.5855	0	18.1	101	0.1539	58.8	0	30.1	0.3343	0.009	0.1546	0						
05192	195	196	1		140	13.7	3.6	27	0	16.4	26.5	126.3	1.429	0	0	0	1.587	8.15	0.712	0	0	8.03	0.4988	0	18.1	123	0.5275	25.64	0.0202	32.3	0.7777	0.0136	0.5761	6.52						
05193	196	197	1		180	5.83	2.2	28	0	9.78	7.88	76.54	0.3773	0	0	0	11.15	6.87	0	0	2.67	4.81	0.2358	0.0054	18.9	120	0.1073	93.7	0.0063	26.4	0.3898	0.01	0.232	0						
05194	197	198	1		270	5.89	3	13.2	0	14.6	11.5	100.1	0.6037	0	0	0	19.11	9.9	0	0	0	6.42	0.3849	0	23.3	140	0.2417	79.46	0.0167	30.2	0.6196	0.0122	0.3609	0						
05195	198	199	1		270	10.6	1	18.4	0	13.9	15.7	98.68	0.8067	0	0	0	7.957	8.28	0	0	4.68	6.96	0.5338	0	18.9	113	0.24	62.12	0.0118	29.8	0.5391	0.0125	0.3277	0						
05196	199	200	1		140	5.1	3.51	19	0	10.2	8.48	141.8	0.5029	0	0	0	7.957	9.56	0	0	2.01	8.3	0.5473	0	22.4	136	0.3467	76.78	0.0193	28.7	0.7528	0.0132	0.4558	0						
05197	200	201	1		160	6.32	2.3	19.6	0	13.6	20.7	74.71	1.178	0	0	0	7.965	6.47	0.667	0	0	4.28	0.318	0	10.7	95.5	0.1881	23.56	0.0089	28	0.2612	0.0087	0.1683	0						
05198	201	202	1		140	7.64	3.41	25.2	0	11.1	13.9	163.8	0.7824	0	0	0	9.549	12.8	0	0	0	8.03	0.5916	0	19.8	115	0.4069	41.66	0.0127	27.9	0.5208	0.0122	0.3382	0						
05199	202	203	1		520	5.1	2.1	9.59	0	16.4	7.56	85.49	0.4519	0	0	0	9.549	6.93	0	0	0	6.42	0.3402	0	18.1	189	0.2205	47.65	0.0082	27.1	0.4525	0.0135	0.2642	0						
05200	203	204	1		420	5.19	1.7	6.25	0	13	6.53	27.35	0.3714	0	0	0	14.33	4.37	0	0	0	4.01	0.1232	0	17	108	0.1089	52.4	0.0106	26.8	0.4709	0.0137	0.3014	0						
05201	204	205	1		220	7.98	3.71	13.6	0	12.8	9.73	151.7	0.5197	0	0	0	11.14	6.06	0	0	2.01	6.96	0.5964	0.0054	26.3	144	0.4208	43.44	0.0116	29.7	0.5399	0.0155	0.3465	1.16						
05202	205	206	1		530	4.83	0.902	4.34	0	16.6	15.3	28.68	0.7436	0	0	0	11.15	4.78	0	0	0	2.4	0.0892	0	11.3	78.7	0.0482	60.48	0	28.5	0.219	0.0101	0.1525	0						
05203	206	207	1		240	7.04	3.41	23.7	0	10.6	10.4	143.6	0.5784	0	0	0	15.92	9.5	0	0	0	6.42	0.4241	0.0061	24.4	138	0.2116	115.2	0.01	25.5	0.5678	0.0118	0.3478	0						
05204	207	208	1		190	10.3	5.41	22	0	11.3	12.4	163.1	0.6219	0	0	0	17.51	9.29	0	0	0	6.96	0.5229	0.0082	29.6	117	0.2636	64.25	0.0097	27.6	0.4226	0.0111	0.2662	0						
05205	208	209	1		510	10.6	100	533	0	20.9	14.8	103	0.7602	0	0	0	6.365	14.1	4.19	0	0	7.5	0.2753	0.0081	25.2	182	0.1214	22.53	0.0081	31.9	0.4642	0.0143	0.3248	0						
05206	209	210	1		1440	14.5	5.31	15.6	0	30.6	14.3	61.01	0.5651	0	11	0	12.73	6.73	0	0	0	6.69	0.1936	0.0137	20.9	80.2	0.1081	46.89	0.0074	31.9	0.3877	0.0132	0.2609	0						
05207	210	211	1		310	19.3	5.31	63.6	0	15.6	19.9	361.1	1.047	0	0	0	11.14	13.2	0.739	0	0	9.38	0.6844	0.011	20.9	146	0.434	47.82	0.0222	36.4	0.7607	0.0158	0.4722	0						
05208	211	212	1		280	8.07	4.61	54.8	0	12.4	12	185.2	0.6145	0	0	0	7.957	12.8	0	0	0	8.3	0.5023	0.0127	29.6	117	0.2545	79.3	0.0126	32.8	0.6251	0.0162	0.443	0						
05209	212	213	1		180	10.4	4.91	67.1	0	13.3	14	115.9	0.6267	0	0	0	11.15	12.7	0.641	0	8.03	5.89	0.4432	0.0093	20.5	97.5	0.2002	57.45	0.0055	33.4	0.3036	0.0117	0.2075	0						
05210	213	214	1		370	5.61	3.21	17.5	0	12.4	9.5	139.6	0.5591	0	0	0	14.33	12.8	0	0	0	7.5	0.5689	0.0093	26.5	112	0.2842	68.89	0.0105	37	0.5074	0.0158	0.3747	0						
05211	214	215	1		190	12.1	9.24	11.5	0	12.1	15.2	61.87	0.6951	0	0	0	6.365	6.46	0	0	8.71	5.08	0.1937	0	15.9	147	0.125	46	0.008	31.2	0.4717	0.0131	0.3238	0						
05212	215	216	1		640	3.67	1.5	12.9	0	16.2	8.17	71.04	0.4846	0	0	0	11.14	4.78	0	0	0	4.81	0.1137	0	16.5	135	0.0903	42.57	0.0088	31.7	0.4491	0.0143	0.3133	0						
05213	216	217	1		400	15.7	4.61	47	0	26.1	39.2	271.5	2.246	0	0	0	11.14	5.11	1.07	0	0	22.5	0.2046	0.0152	15	235	0.4919	23.16	0.0403	33.4	0.7547	0.0171	0.6445	0						
05214	217	218	1		140	111	3.61	84.5	0	76	106	457.6	7.518	0	0	0	0	7.61	3.1	0	0	129	0.3466	0.0981	10.7	129	3.202	10.58	0.1836	32.7	2.296	0.0234	2.358	13.2						
05215	218	219	1		250	211	2.6	67.7	0	71.1	103	595.6	6.698	0	0	0	0	27.4	2.83	0	0	105	1.465	0.0788	16.5	173	1.757	7.229	0.1742	38.2	1.466	0.0171	1.395	3.52						
05216	219	220	1		60	25.1	6.71	20.7	0	15.1	21.8	132.3	1.18	0	0	0	7.957	8.82	0.518	0	0	7.77	0.319	0.0108	22.4	120	0.5117	16.01	0.0153	36.3	0.5191	0.0141	0.3994	0						
05217	220	221	1		220	16.2	3.8	158	0	16.5	21.8	203.3	1.052	0	0	0	12.74	11.7	1.41	0	0	6.43	0.4842	0.0251	20.5	80.2	0.3274	10.09	0.0073	31.9	0.2886	0.0113	0.2259	0						
05218	221	222	1		70	22.6	1.9	16.5	0	17.8	24.6	101	1.197	0	0	0	11.14	6.73	0.602	0	0	6.69	0.4337	0.01	20.2	82.8	0.2897	12.35	0.0168	35	0.4488	0.0125	0.3365	0						
05219	222	223	1		150	14.2	5.51	36.6	0	14.8	18.1	98.39	1.002	0	0	0	9.55	5.86	0.661	0	0	6.69	0.3843	0.0113	19.8	86.9	0.3158	16.81	0.0152	31.9	0.4404	0.0125	0.3357	0						
05220	223	224	1		180	44.3	14	39.8	0	27.6	30.6	103.3	1.775	0	0	0	14.33	6.13	1.02	0	16	7.77	0.2023	0.0084	20	207	0.2559	11.96	0.0169	32.6	0.7548	0.0183	0.5235	0						

Appendix 5.2.7 - 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
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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
05221	224	225	1		340	11.1	2.8	9.5	0	15.6	14.4	39.95	0.7148	0	0	0	7.957	4.17	0	0	0	6.16	0.1511	0.0104	19.6	188	0.1436	52.08	0.0097	31.4	0.5062	0.0158	0.3644	0						
05222	225	226	1		650	5.4	1.4	17.3	0	15	10.8	56.31	0.5328	0	0	0	6.367	4.58	0	0	0	4.55	0.1355	0.0064	17	202	0.0874	43.76	0	30.5	0.359	0.0118	0.2655	0						
05223	226	227	1		280	20.1	48.4	117	0	13.6	14	83.07	0.7534	0	0	0	4.772	5.52	1.07	0	58.2	6.96	0.1872	0.0057	14.6	201	0.2075	33.17	0.0089	31.7	0.4733	0.0125	0.3509	1.22						
05224	227	228	1		340	7.86	12.1	32	0	12.2	8.49	37.23	0.4485	0	0	0	11.14	5.32	0	0	17.4	5.35	0.1027	0	15.4	161	0.0802	45.58	0.008	28.1	0.4333	0.0134	0.312	0						
05225	228	229	1		170	6.22	6.81	60.5	0	13	15.4	79.06	0.8309	0	0	0	6.365	7.41	0.628	0	6.69	6.69	0.2365	0	13.9	133	0.1658	28.24	0.0071	33.6	0.3916	0.0126	0.2835	0						
05226	229	230	1		350	7.01	4.81	18.8	0	12.9	14.9	72.89	0.7573	0	0	0	11.14	5.72	0	0	0	7.5	0.2213	0	15.7	157	0.2257	46.82	0.0109	31	0.5582	0.0146	0.3969	0						
05227	230	231	1		110	7.25	5.41	26.1	0	19.3	20.6	88.8	0.9791	0	0	0	11.14	11	0.583	0	0	7.23	0.4031	0.0136	21.1	104	0.3266	16.42	0.0093	25	0.5113	0.0125	0.3605	0						
05228	231	232	1		150	6.89	2.9	12.2	0	11.5	12.4	84.69	0.6723	0	0	0	6.367	11.3	0	0	0	5.08	0.4154	0.0072	18.5	71.4	0.2632	29.01	0	30.2	0.2762	0.0104	0.2117	0						
05229	232	233	1		160	26.3	1.5	16.3	0	20.1	35.5	77.48	1.934	0	0	0	12.73	10.8	1.06	0	0	9.11	0.4149	0.0067	16.8	104	0.3178	9.697	0.0091	26.7	0.5209	0.0125	0.3631	0						
05230	233	234	1		290	21.8	5.91	18.2	0	20	28.6	48.97	1.496	0	0	0	3.179	8.75	0.868	0	0	6.69	0.3215	0.0087	14.4	138	0.2401	16.77	0.0058	26.6	0.4441	0.0113	0.3013	0						
05231	234	235	1		190	31.8	56.9	103	0	19.4	30.7	187.1	1.558	0	0	0	4.772	23.3	1.48	0	0	8.3	1.038	0.0106	21.5	147	0.4591	15.91	0.0062	27	0.498	0.0123	0.3407	0						
05232	235	236	1		530	6.22	5.81	21.2	0	20.3	18.1	74.9	1.096	0	0	0	6.365	6.93	0.667	0	0	6.16	0.3367	0	15.2	171	0.1703	21.36	0.0059	20.4	0.4564	0.0122	0.3008	0						
05233	236	237	1		820	19.4	28.9	33.7	0	19.6	17.6	105.3	1.014	0	0	0	3.18	12.7	0.719	0	0	6.69	0.5529	0	17	147	0.2814	61.56	0	26.6	0.3869	0.0107	0.2694	0						
05234	237	238	1		170	4.64	10.9	67.5	0	8.99	7.35	81.78	0.4495	0	0	0	6.365	9.29	0.758	0	1.34	5.35	0.5204	0	17.2	149	0.2807	39.74	0	25.7	0.4401	0.0097	0.2981	0						
05235	238	239	1		190	3.7	3.71	15.1	0	8.49	6.86	57	0.41	0	0	0	12.74	7.07	0	0	0	6.16	0.3401	0.0051	22.8	155	0.1821	52.12	0.0056	26.6	0.4378	0.0151	0.2938	0						
05236	239	240	1		110	10.6	4.71	14.3	0	10.4	12	95.1	0.5859	0	0	0	14.33	15.2	0	0	0	6.96	0.7394	0.0104	26.8	48.7	0.2959	98.59	0.0096	28.2	0.6517	0.0135	0.4226	0						
05237	240	241	1		220	6.86	4.61	10.6	0	9.16	8.17	92.37	0.5043	0	0	0	12.73	11	0	0	4.01	6.42	0.4636	0.0059	22.8	84.4	0.2496	56.2	0.0082	29.6	0.5926	0.0145	0.3997	0						
05238	241	242	1		940	4.64	399	24.9	2.258	24.4	19	50.58	0.9917	2	0	0	6.368	6.73	0.635	0	0	6.69	0.2065	0	13.1	133	0.1149	16.97	0	25.2	0.3923	0.0121	0.254	0						
05239	242	243	1		390	13.3	266	347	2.048	52	54.3	57.02	3.076	44	0	0	1.587	6.6	3.65	0	0	8.84	0.9125	0	13.7	232	0.0312	4.942	0	27.6	0.1828	0.01	0.1151	0						
05240	243	244	1		620	9.13	19.7	25	0	18.6	15.7	62.44	0.8136	1	0	0	9.55	18.9	0.518	0	0	8.84	0.3704	0.0096	26.5	99.8	0.195	43.6	0.0086	26.8	0.7405	0.0159	0.4421	0						
05241	244	245	1		590	13.2	8.09	30.3	0	37.6	34.7	64.29	2.092	13	0	0	3.134	9.63	0.895	0	0	7.56	0.4017	0.0053	15.7	149	0.1791	7.036	0.0082	48.1	0.6596	0.0133	0.306	0						
05242	245	246	1		230	16.7	6.24	14.7	0	14	15	90.39	0.6987	0	0	0	4.699	12.7	0	0	0	6.45	0.5023	0.0051	22.6	147	0.2183	76.38	0.0073	48.3	0.5947	0.0121	0.2898	0						
05243	246	247	1		270	78.1	4.91	17.7	0	28	35.9	111.3	1.659	0	0	0	0	9.03	0.643	0	0	7.56	0.4191	0	16.9	194	0.2415	11.81	0.0086	49.2	0.6812	0.0129	0.3503	0						
05244	247	248	1		310	22.1	5.03	11.7	0	22	21.8	48.36	1.012	0	0	0	3.133	8.12	0	0	0	7.78	0.3533	0.0083	20.2	154	0.1956	16.6	0.0108	48.5	0.7298	0.0135	0.3537	0						
05245	248	249	1		90	20.4	6.01	6.26	0	11.3	9.23	30.9	0.4621	0	0	0	10.96	7.13	0	0	0	7.11	0.3358	0.0085	28.7	121	0.1576	55.23	0.0105	43.8	0.6812	0.0133	0.3565	0						
05246	249	250	1		530	23.2	7.74	10.3	0	24.9	16.4	47.59	0.7431	0	0	0	10.96	5.48	0	0	0	8.45	0.3538	0.0115	24.3	160	0.2055	27.25	0.0169	50.1	0.9136	0.0148	0.4452	0						
05247	250	251	1		110	17	6.01	15.5	0	18.5	18.6	111.7	0.813	0	0	0	10.96	8.64	0	0	0	10.4	0.622	0.0086	29.8	168	0.3205	37	0.0231	56.9	1.152	0.0163	0.6157	0						
05248	251	252	1		310	19	6.07	16.8	0	19.8	18.2	106.5	0.8253	0	0	0	7.831	10.5	0	0	0	6.89	0.4353	0.0083	23.9	157	0.3216	29.87	0.0138	51	0.8056	0.0145	0.3918	0						
05249	252	253	1		140	8.64	4.05	13.2	0	24	23.6	51.05	1.105	0	0	0	9.396	8.29	0	0	0	6.45	0.2811	0.0074	17.9	141	0.1683	33.27	0.0125	43.5	0.6488	0.0124	0.3341	0						
05250	253	254	1		250	14.7	4.57	14.6	0	17.7	13.7	86.16	0.663	0	0	0	6.265	11.7	0	0	0	6.67	0.5298	0.005	21.8	177	0.2512	69.83	0.0111	46	0.638	0.0129	0.33	0						
05251	254	255	1		440	16	4.74	9.71	0	29	26.6	64.67	0.9587	0	0	0	18.79	9.42	0	0	0	6.22	0.2856	0.0054	17.7	156	0.1309	15.91	0.0061	57	0.5515	0.0128	0.2539	0						
05252	255	256	1		720	5.66	4.91	5.29	0	19.7	7.79	8.251	0.2963	0	0	0	9.394	7.51	0	0	0	4.22	0.1177	0.0082	22.6	152	0.0643	74.67	0.008	44.7	0.6271	0.0127	0.2629	1.14						
05253	256	257	1		700	13.9	6.13	14.1	0	23.7	12.1	67.93	0.5745	0	0	0	9.395	8.51	0	0	0	8	0.5178	0.0072	23.4	148	0.2185	36.72	0.0113	50.4	0.8109	0.0156	0.3211	0						
05254	257	258	1		280	8.29	4.91	11.4	0	17.1	10	83.67	0.4758	0	0	0	17.22	10.1	0	0	0	6.22	0.4073	0	20.4	157	0.1896	39.75	0.0072	47.4	0.492	0.0137	0.2347	0						
05255	258	259	1		1090	10.3	3.01	9.81	0	41	24.8	42.41	1.091	0	0	0	15.66	5.14	0	0	0	6.22	0.1235	0	10.8	256	0.1218	9.654	0.0097	48.7	0.7461	0.0133	0.2878	0						
05256	259	260	1		370	10.5	4.68	15.7	0	25.7	19.7	52.58	0.8527	0	0	0	15.66	7.6	0	0	0	6.89	0.3431	0.0073	21.4	171	0.1585	14.72	0.0105	44.9	0.6001	0.0136	0.2706	0						
05257	260	261	1		180	12.3	8.03	25.4	0	26.4	23.4	38.76	1.092	0	0	0	12.52	6.48	0	0	5.7	6.45	0.209	0.0089	15.7	149	0.1147	10.63	0.0097	47.1	0.6217	0.0126	0.2936	0						
05258	261	262	1		170	14.3	5.72	16.2	0	22.9	20.3	68.12	0.9249	0	0	0	0	11.6	0	0	1.04	7.11	0.36	0.0062	20.2	183	0.1616	20.58	0.0115	42.1	0.7569	0.0123	0.3389	0						
05259	262	263	1		180	8.2	4.91	10.8	0	16.5	10.6	58.91	0.5002	0	0	0	15.66	10.8	0	0	0	6.22	0.3271	0.0062	21	155	0.1522	44.6	0.01	37.6	0.5839	0.0108	0.2936	0						
05260	263	264	1		450	11.2	5.43	14.3	0	21.1	16	77.9	0.6873	0	0	0	0	11.1	0	0	0	8.89	0.5852	0.0124	28.9	150	0.2376	68.64	0.013	45.8	0.8271	0.0159	0.3731	0						
05261	264	265	1		560	19.9	3.93	10.8	0	33.5	25.9	63.14	1.268	0	0	0	14.09	6.22	0	0	0	6.45	0.354	0.0071	16.5	102	0.1845	8.274	0.0113	46.1	0.6596	0.0128	0.2847	0						
05262	265	266	1		180	29.3	7.74	11.5	0	18.5	14.6	62.77	0.6612	0	0	0	9.398	7.3	0	0	0	6.89	0.4288	0.0095	24.9	115	0.1814	20.78	0.0122	47.9	0.6868	0.0146	0.2974	0						
05263	266	267	1		170	19.5	5.95	19	0	21.8	18.9	114.2	0.8984	0	0	0	4.698	14	0	0	0	6.45	0.5442	0.0075	18.1	139	0.2809	20.2	0.0113	45.2	0.5838	0.0135	0.297	0						
05264	267	268	1		250	9.97	5.9	13	0	20.2	13.4	81.55	0.6028	0	0	0	14.09	11.1	0	0	0	8.23	0.5013	0.0082	31.4	169	0.1989	39.19	0.0127	43.2	0.8217	0.0178	0.3754	0						
05265	268	269	1		150	13.5	6.59	18.2	0	30.4	30.3	91.53	1.354	0	0	0	0	11.7	0	0	0	10.7	0.6036	0.0053	20.2	150	0.3549	12.16	0.0171	53.3	0.7731	0.0159	0.3896	0						
05266	269	270	1		180	16.7	5.09	11.9	0	28.1	27.2	43.75	0.9738	0	0	0	0	7.3	0	0	0	7.34	0.3105	0.0057	16.5	208	0.1879	35.45	0.0131	50.6	0.6595	0.0156	0.31	0						
05267	270	271	1		620	21	6.36	22	0	26.5	20.3	51.81	0.837	0	0	0	4.699	9.33	0	0	0	6.22	0.4023	0.0074	19.4	121	0.1953	32.64	0.0096	37.5	0.6812	0.0125	0.2868	0						
05268	271	272	1		400	13.1	7.05	268	0	22.4	17.2	58.33	0.7738	0	0	0	14.09	8.08	1.82	0	0	7.56	0.3912	0.0128	27.5	122	0.2457	58.33	0.0151	52.4	0.8487	0.0153	0.3865	0						
05269	272	273	1		280	19.7	9.71	13.4	0	21.5	15.8	65.44	0.6894	0	0	0	12.53	7.26	0	0	0	8	0.5447	0.0108	25.9	184	0.2424	55.28	0.0123	47.8	0.8218	0.0155	0.3787	0						
05270	273	274	1		40	8.39	7.63	13.9	0	15.3	14.1	100.2	0.5563	0	0	0	29.74	6.87	0	0	0	10	0.6227	0.0194	38.1	131	0.3004	44.07	0.0157	52.4	0.892	0.0157	0.4202	0						
05271	274	275	1		100	16.4	7.51	21.8	0	22.8	20.7	105.6	1	0	0	0	10.96	6.87	0	0	0	11.1	0.6073	0	20.2	179	0.5468	25.45	0.022	55.6	0.9786	0.016	0.55	1.06						
05272	275	276	1		80	7.31	7.57	10.8	0	14	12.4	55.64	0.4468	0	0	0	0	8.25	0	0	0	6	0.5046	0.0155	25.1	109	0.1893	52.68	0.0193	50	0.6703	0.0135	0.3379	0						
05273	276	277	1		230	11.8	6.99	13.4	0	13.4	9.27	57.95	0.4474	0	0	0	7.83	6.87	0	0	0	9.34	0.5265	0.0058	22.6	141	0.2354	38.75	0.0233	48.6	0.9244	0.0137	0.4515	0						
05274	277	278	1		200	10	7.57	15.9	0	14.5	12.1	77.33	0.5573	0	0	0	10.96	9.72	0	0	0	9.78	0.5392	0.0055	25.3	162	0.2653	56.08	0.0269	52.3	1	0.0173	0.4882	0						
05275	278	279	1		120	8.23	6.47	15	0	18.9	15.1	64.85	0.7445	0	0	0	12.52	6.13	0	0	0	9.11	0.5098	0.0068	21	166	0.2208	35.23	0.0267	43.2	0.9622	0.0148	0.4424	0						

Appendix 5.2.7 - 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
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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
05276	279	280	1		330	7.47	6.13	15.8	0	20.5	13	47.78	0.5716	0	0	0	14.09	7.9	0	0	0	6	0.322	0.0089	26.9	171	0.1537	60.81	0.0107	46.7	0.7461	0.0153	0.2974	0						
05277	280	281	1		210	10.4	5.09	11.3	0	17.8	13.3	35.89	0.5799	0	0	0	15.66	7.73	0	0	0	6	0.279	0.0051	23	177	0.1353	44.15	0.0092	46.2	0.7299	0.0147	0.2892	0						
05278	281	282	1		170	10.6	6.5	10.3	0	20.2	13.1	58.43	0.5549	0	0	0	3	6.92	0	1.38	0	7.79	0.3417	0.0052	19.9	223	0.1795	33	0.0088	56.5	0.4703	0.0174	0.2918	0						
05279	282	283	1		200	10.6	5.18	10.6	0	20.7	15.9	55.73	0.6108	0	0	0	11.65	8.6	0	0	0	8.09	0.3399	0.0073	25.7	147	0.173	20.62	0.0116	51.7	0.5457	0.0176	0.3371	0						
05280	283	284	1		70	17.3	5.45	14.7	0	24.5	29.7	81.52	1.084	0	0	0	4.659	11.2	0	0	1.07	7.79	0.5391	0.0093	18.9	121	0.3007	12.65	0.0122	45.6	0.4808	0.0169	0.3512	0						
05281	284	285	1		240	12.7	6.01	12.8	0	18.6	17.8	88.05	0.6204	0	0	0	11.65	12.5	0	0	0	8.39	0.6178	0.0089	27	116	0.2927	32.33	0.0139	51.4	0.5241	0.0152	0.3573	0						
05282	285	286	1		170	26.4	12.7	16.4	0	25.1	23	106.1	0.9405	0	0	0	11.65	11.4	0	0	0	11.7	0.7599	0.0092	29.3	155	0.376	29.57	0.0302	55.6	0.9508	0.019	0.6399	0						
05283	286	287	1		70	14.9	7.27	15.8	0	22.5	21.8	102	0.764	0	0	0	4.66	11.2	0	0	0	13.2	0.8283	0.0108	34.2	128	0.3792	44.65	0.0299	53.8	0.8104	0.0142	0.5073	0						
05284	287	288	1		130	26.4	6.61	13.2	0	25.1	21.1	93.38	0.9091	0	0	0	9.318	13.7	0	0	0	8.09	0.5909	0.0099	24.2	141	0.2427	14.93	0.0126	45.6	0.6429	0.0145	0.3953	0						
05285	288	289	1		350	7.98	4.74	11.6	0	21.1	16.6	100.3	0.5396	0	0	0	0	12	0	0	0	8.39	0.6091	0.007	24	155	0.2477	40.94	0.0074	48.2	0.4271	0.0145	0.2489	0						
05286	289	290	1		700	8.64	5.79	35.8	0	27.1	11.8	109.7	0.5221	0	0	0	16.31	9.36	0	0	0	11.4	0.6403	0	26	222	0.316	55.05	0.0149	53.3	0.751	0.0182	0.4335	0						
05287	290	291	1		130	12.4	4.3	9.56	0	12.1	11.8	56.38	0.5063	0	0	0	0	5.35	0	0	0	4.48	0.3377	0.0088	24	71.8	0.1388	31.49	0.0063	52.3	0.3029	0.0116	0.172	0						
05288	291	292	1		200	8.55	4.3	8.95	0	21.8	11.9	65.29	0.5079	0	0	0	4.665	6.46	0	0	0	7.49	0.3506	0.005	18.1	225	0.1633	42.82	0.0065	49.2	0.4543	0.0135	0.2409	0						
05289	292	293	1		370	5.88	4.63	10.8	0	27.4	16.6	54.85	0.6903	0	0	0	9.321	4.48	0	0	0	7.49	0.2487	0	16.6	188	0.1417	16.83	0.0078	38.4	0.5242	0.0143	0.2823	0						
05290	293	294	1		500	20.8	3.75	7.86	0	32.5	21.1	33.5	0.8083	0	0	0	2.33	5.87	0	0	0	5.08	0.1859	0.0056	12.7	143	0.1287	15.7	0.0098	38.1	0.4971	0.0137	0.2679	0						
05291	294	295	1		220	15	7.55	12.3	0	28.4	23.2	51.88	0.9583	0	0	0	0	7.38	0	0	0	10.5	0.3329	0.0079	17.8	142	0.2626	13.4	0.0218	44.5	0.7078	0.0165	0.4428	0						
05292	295	296	1		800	25.8	56.2	240	0	30.3	19.2	84.77	0.8093	0	0	0	4.659	11.4	1.5	0	72.2	9.28	0.6064	0.0165	22.7	135	0.2736	21.69	0.0148	43.1	0.7833	0.0176	0.3971	0						
05293	296	297	1		190	19.1	7.27	13	0	30.5	26.3	53.06	1.106	0	0	0	0	7.67	0	0	2.14	9.59	0.3627	0.0082	18.3	114	0.2894	10.7	0.0204	43.9	0.7455	0.0147	0.4292	0						
05294	297	298	1		140	6.91	6.94	17.5	0	19.5	15.3	72.7	0.656	0	0	0	11.66	7.85	0	0	0	8.09	0.5373	0.0088	23	126	0.2945	34.51	0.0201	43.8	0.6598	0.0141	0.386	0						
05295	298	299	1		30	20.9	27.8	35.4	0	20.2	18.6	76.77	0.7324	0	0	0	0	8.54	0	0	31	8.39	0.5542	0.0132	25	121	0.2572	34.83	0.0198	55.6	0.8427	0.018	0.4726	0						
05296	299	300	1		390	8.95	7.17	17.1	0	28.9	20.6	76.18	0.7405	0	0	0	25.63	12.4	0	0	0	8.99	0.4213	0.0151	21.9	196	0.2745	44.13	0.019	60.4	0.8212	0.0171	0.4535	0						
05297	300	301	1		180	13.5	5.79	21.6	0	31.9	25.1	85.48	1.011	0	0	0	0	11.5	0	1.59	0	7.49	0.3134	0	15.8	279	0.1692	24.39	0.0065	48	0.3948	0.0122	0.2402	0						
05298	301	302	1		150	9.57	3.64	9.4	0	24.8	16.6	49.22	0.7064	0	0	0	0	8.78	0	0	0	7.79	0.2297	0	13	288	0.1265	24.92	0.0063	52	0.335	0.0129	0.2026	0						
05299	302	303	1		590	11.7	25	14.7	0	32.8	12	25.52	0.5072	0	0	0	0	3.61	0	0	17.6	5.98	0.0753	0.005	12	318	0.0504	17.73	0	46.3	0.3678	0.0123	0.1741	0						
05300	303	304	1		1100	7.63	6.23	41	0	33.2	12.6	14.54	0.5263	1	0	0	27.99	2.97	0	0	0	4.78	0.0551	0.0061	14	226	0.042	24.09	0.0058	38.4	0.5085	0.0135	0.2184	1.65						
05301	304	305	1		2720	9.35	1.05	4.64	0	60.7	19.7	34.95	0.7416	1	0	0	9.31	4.3	0	0	0	3.59	0.1479	0.0065	6.36	187	0.0537	14.64	0	37.1	0.5074	0.0102	0.0942	4.24						
05302	305	306	1		610	13.1	2.48	2.84	0	34.7	18.9	11.87	0.7729	0	0	0	0	1.63	0	0	0	2.68	0.063	0	6.37	177	0.0291	15.16	0	37.6	0.3191	0.0111	0.1524	0						
05303	306	307	1		670	4.92	6.89	15.2	0	32.1	19.6	24.93	0.7942	0	0	0	6.998	4.13	0	0	0	5.68	0.1112	0.0076	9.18	161	0.0724	16.72	0.0062	36.9	0.4327	0.0123	0.2198	0						
05304	307	308	1		590	5.94	2.92	5.84	0	30.3	17.1	23.74	0.7465	0	0	0	0	2.91	0	0	0	4.18	0.0874	0	8.41	220	0.0524	15.53	0.005	40.3	0.3624	0.0115	0.178	0						
05305	308	309	1		1020	9.36	3.42	3.35	0	34.7	15.5	16.01	0.6915	0	0	0	0	3.14	0	0	0	3.29	0.047	0	6.62	224	0.0286	17.97	0	40.8	0.3566	0.0107	0.1253	0						
05306	309	310	1		950	17.9	1.49	3.57	0	40.4	23.1	14.52	0.9071	0	0	0	11.65	2.79	0	0	0	3.59	0.0582	0	3.82	219	0.0316	12.54	0	41.6	0.2971	0.0095	0.1129	0						
05307	310	311	1		770	9.97	2.7	3.09	0	41.5	28.6	16.01	1.066	0	0	0	18.64	1.92	0	0	1.07	4.79	0.0701	0	7.39	206	0.0384	21.83	0	35.2	0.3674	0.0095	0.1698	0						
05308	311	312	1		530	14.7	2.64	10.8	0	34.3	23.6	39.47	0.8925	0	0	0	14	8.73	0	0	0	3.88	0.1905	0	11.2	200	0.1318	14.88	0.0076	43.5	0.3408	0.0113	0.1843	0						
05309	312	313	1		1660	4.76	4.02	10	0	43.9	25.7	39.18	0.8683	0	0	0	6.998	6.69	0	0	0	4.48	0.1589	0	9.43	144	0.0982	13.87	0	35.5	0.3949	0.0105	0.1569	0						
05310	313	314	1		820	11.9	4.68	6.82	0	41	26.6	18.97	1.034	0	0	0	4.66	3.02	0	0	0	6.29	0.1065	0.0061	10.2	177	0.1321	14.39	0.0107	38.2	0.6105	0.0137	0.3054	0						
05311	314	315	1		230	9.51	5.84	12.5	0	27.5	19.9	28.16	0.8601	0	0	0	0	3.54	0	0	0	5.39	0.1068	0	10.4	173	0.2458	14.47	0.0152	43.5	0.5619	0.0137	0.3542	0						
05312	315	316	1		930	7.88	4.41	6.68	0	32.5	16.2	26.38	0.7325	0	0	0	2.33	6.16	0	0	0	6.59	0.2193	0	11	154	0.1056	15.74	0.0057	34	0.4646	0.0117	0.2161	0						
05313	316	317	1		590	26.9	3.58	12.1	0	53.5	41.9	72.13	1.681	0	0	0	0	7.33	0	0	0	6.28	0.2301	0	9.69	223	0.1009	4.978	0	42.3	0.2867	0.0107	0.1376	0						
05314	317	318	1		1520	2.2	3.25	6.76	0	42.2	20.4	16.01	0.8852	0	0	0	2.33	0	0	0	0	5.39	0.0622	0	9.68	169	0.0765	16.4	0.0086	45	0.562	0.0129	0.2324	0						
05315	318	319	1		190	11	4.79	5.7	0	20.5	15.2	18.69	0.651	0	0	0	0	3.72	0	0	2.14	0	0.0717	0	8.41	137	0.0646	14.94	0.0091	37.2	0.4002	0.0109	0.2173	0						
05316	319	320	1		130	5.17	5.18	8.03	0	25.8	16.8	20.18	0.7201	0	0	0	2.333	4.89	0	0	3.21	4.18	0.0964	0	9.69	160	0.0957	14.65	0.0099	41.2	0.3732	0.0112	0.2168	0						
05317	320	321	1		240	5.73	3.36	8.54	0	19.1	13.9	46.25	0.6162	0	0	0	13.98	10.6	0	0	1.6	4.48	0.2744	0	10.4	145	0.1296	19.28	0	31.2	0.2485	0.0091	0.1634	0						
05318	321	322	1		140	6.2	5.18	6.61	0	18.7	14.3	29.97	0.6401	0	0	0	0	7.04	0	0	1.07	4.48	0.2067	0	11.7	120	0.1033	18.75	0.0059	29.6	0.3191	0.0094	0.1782	0						
05319	322	323	1		130	29	33.3	168	0.8	29.3	24	54.25	1.098	0	0	0	0	6.04	1.12	0	40.6	7.19	0.3667	0.0119	18.6	122	0.2237	10.46	0.0176	31.3	0.6861	0.0144	0.4097	0						
05320	323	324	1		130	21.3	8.65	19.6	0	49	45.4	45.94	1.762	0	0	0	0	6.16	0	0	0	9.58	0.2601	0.0154	16.1	159	0.2792	6.998	0.0291	49.1	0.9615	0.0164	0.5622	0						
05321	324	325	1		70	8.49	8.76	8.23	0	20.8	17.6	16.3	0.7824	0	0	0	25.63	9.3	0	0	4.28	6.59	0.3835	0.0119	24	115	0.166	31.73	0.0309	45.3	0.8752	0.0127	0.4149	0						
05322	325	326	1		40	53.2	14.5	57	0	79.6	68.7	317.2	2.87	0	0	0	0	21.2	0.712	0	6.42	98.7	1.497	0.059	23.4	72.5	1.322	18.24	0.2709	39.3	1.783	0.0197	1.225	0						
05323	326	327	1		10	165	13.8	48.5	0	80.3	65.4	321.3	2.816	0	0	0	0	31.8	0.666	0	0	103	1.811	0.0819	19.9	53.9	0.9916	14.98	0.4492	34.2	1.594	0.0264	0.7321	0						
05324	327	328	1		10	187	15	41.3	0	102	91.6	214.3	4.228	0	0	0	0	30.2	0.975	0	5.88	99.9	2.332	0.0839	24.5	50.7	1.023	10.72	0.3313	31	1.707	0.0104	0.8194	4.71						
05325	328	329	1		340	83.7	8.38	72.4	0	85.8	72.5	66.4	2.916	0	0	0	0	22.9	1.04	0	0	23.7	0.6845	0.0249	11.2	123	0.2897	4.107	0.0395	30.8	0.6482	0.0091	0.3689	0						
05326	329	330	1		200	9.16	6.72	9.33	0	27.7	18.8	35.61	0.8592	0	0	0	0	8.26	0	0	0	4.18	0.281	0.0269	12.2	99.5	0.0998	11.75	0.0076	26.8	0.4921	0.0103	0.2409	0						
05327	330	331	1		190	16.3	13.8	225	0	41.4	34.1	37.96	1.395	0	0	0	11.65	5.64	1.51	0	17.1	4.78	0.1741	0.0159	7.64	85.2	0.1006	5.701	0.008	26.3	0.4756	0.0099	0.2503	0						
05328	331	332	1		40	8.24	6.01	15.9	0	38.6	31.8	53.07	1.344	0	0	0	6.991	11.5	0	0	0	5.08	0.3339	0.0196	9.94	79.6	0.2367	6.268	0.0101	26.8	0.4323	0.0097	0.2701	0						
05329	332	333	1		230	7.11	4.85	14.7	0	32.4	22.3	61.38	0.9857	0	0	0	0	9.24	0	0	0	5.08	0.3199	0.0229	9.43	76.8	0.1915	9.507	0.0075	20.2	0.3891	0.0081	0.2263	0						
05330	333	334	1		60	11.6	5.01	8.75	0	37.9	29.9	48.38	1.321	0	0	0	6.998	13.7	0	0	0	4.18	0.4392	0.0302	12.8	80.9	0.2168	5.554	0.0074	21.2	0.357	0.0083	0.2404	0						

Appendix 5.2.7 - 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*
SX05001	340.85	270	-45	524872	5494706.7	1758	COMPLETE	5/10/2005	D. L. Pighin

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*
05331	334	335	1		180	35.2	7.11	12.7	0	51.3	39.6	50.12	1.662	0	0	0	0	14.2	0	0	0	4.78	0.283	0.0332	7.39	94.7	0.275	5.022	0.0093	24.8	0.4378	0.0086	0.269	0						
05332	335	336	1		420	37.8	6.67	11.6	0	35.9	31.9	34.69	1.303	0	0	0	6.991	21.2	0	0	0	3.58	0.2921	0.0221	12.5	69.7	0.2663	4.346	0.0101	25.6	0.4215	0.0079	0.2702	0						
05333	336	337	1		190	25.8	5.51	12.4	0	36	29.6	50.13	1.248	0	0	0	0	12.7	0	0	1.6	6.88	0.229	0.0234	10.4	56.7	0.241	4.418	0.0094	23.9	0.4324	0.0077	0.2725	0						
05334	337	338	1		70	43.9	7.11	12.8	0.9	50.5	43.1	55.13	1.775	0	0	0	0	13.6	0	0	0	7.49	0.5326	0.0179	13.2	86.7	0.3304	6.646	0.0101	22	0.497	0.0078	0.3033	0						
05335	338	339	1		50	11.2	7.11	9.97	0	29.2	25	34.38	1.078	0	0	0	0	10.3	0	0	2.14	4.79	0.2388	0.0193	6.37	57.4	0.2469	5.982	0.0137	23.8	0.5618	0.0084	0.3225	0						
05336	339	340	1		80	17.4	8.98	15.6	0	34.4	31.5	78.85	1.356	0	0	0	2.33	11.9	0	0	0	6.29	0.6671	0.0182	13.2	44	0.4684	5.645	0.0242	19.9	0.5673	0.006	0.3427	0						
05337	340	341	1		200	13.3	9.42	20	0	35.2	31.5	69.07	1.26	0	0	0	0	7.61	0	0	2.14	6.59	0.4495	0.0216	7.9	44.7	0.572	5.466	0.0268	16.4	0.5889	0.0053	0.4126	0						

Appendix 5.2.7 - 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
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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
05338	3	4	1		50	4.15	4.13	13.3	0.7	16.2	12.1	100.3	0.6408	0	0	0	0	7.91	0	0	0	6.58	0.3041	0.0145	12.5	70.6	0.1401	35.44	0.017	12.2	0.2164	0.0107	0.1365	0						
05339	4	5	1		140	5.63	6.45	9.24	0	10.9	9.27	72.42	0.574	0	0	0	0	5.24	0	0	0	0	0.2159	0.0134	11	84.9	0.1025	46.45	0.0065	14.1	0.265	0.0075	0.1396	0						
05340	5	6	1		130	3.94	4.96	8.64	0	13.1	11.3	49.27	0.6092	0	0	0	4.665	6.92	0	0	2.67	3.28	0.1705	0.0097	11.5	63	0.1235	45.1	0.0102	14.1	0.2596	0.0077	0.1768	0						
05341	6	7	1		130	3.38	5.01	8.91	0	17.9	16.4	15.73	0.6951	0	0	0	0	4.19	0	0	1.07	1.48	0.0779	0.0198	8.67	53.5	0.0993	15.86	0.0122	13.7	0.357	0.0065	0.1988	0						
05342	7	8	1		30	3.89	5.29	8.87	0	18.3	13.4	27.87	0.6396	0	0	0	6.991	4.07	0	0	0	4.78	0.1122	0.0194	11.7	47.1	0.1201	44.22	0.0297	16.4	0.4485	0.0077	0.2646	0						
05343	8	9	1		20	1.59	6.12	9.73	0	19.3	14.1	58.99	0.6775	0	0	0	2.33	5	0	0	0	7.49	0.1893	0.0112	12.7	57	0.1454	32.73	0.0358	19.1	0.4646	0.0102	0.2924	0						
05344	9	10	1		110	0	5.51	8.22	0	17.3	12.7	12.76	0.6371	0	0	0	9.331	3.31	0	0	0	2.68	0.059	0.0162	8.16	59.5	0.1088	59.21	0.027	15.6	0.4381	0.007	0.2614	0						
05345	10	11	1		20	0	6.45	8.89	0	13.6	13	30.83	0.6638	0	0	0	0	3.72	0	0	2.14	3.28	0.0717	0.0121	8.15	70.5	0.1331	34.03	0.0336	18.9	0.4701	0.0091	0.2854	0						
05346	11	12	1		40	1.33	5.79	8.34	0	23.5	24	25.2	0.7828	0	0	0	0	3.43	0	0	0	2.38	0.0909	0.01	6.37	49.5	0.1566	8.894	0.0328	17.4	0.4486	0.008	0.2858	0						
05347	12	13	1		40	5.22	5.29	11.4	0.7	16.5	12	51.34	0.651	0	0	0	0	4.94	0	0	3.74	3.58	0.198	0.0212	7.39	40	0.1882	31.73	0.0256	16.8	0.3948	0.0056	0.2621	2.02						
05348	13	14	1		50	3.02	5.24	8.31	0	13.7	9.86	17.8	0.5848	0	0	0	0	4.89	0	0	1.6	2.68	0.068	0	7.14	49.6	0.0928	21.32	0.0129	13.2	0.3191	0.006	0.183	0						
05349	14	15	1		110	1.9	5.29	7.28	0	16.5	11.7	20.47	0.6002	0	0	0	0	3.37	0	0	0	0	0.0829	0	9.43	55.9	0.1024	29.36	0.0223	12.7	0.3948	0.0071	0.2242	0						
05350	15	16	1		60	1.69	5.57	8.69	0	13.9	9.92	35.32	0.5924	0	0	0	0	4.65	0	0	0	2.08	0.1323	0.006	9.18	44	0.1186	40.85	0.022	8.81	0.384	0.0071	0.2239	0						
05351	16	17	1		40	3.18	5.51	8.11	0	14.6	9.68	40.36	0.5762	0	0	0	0	6.28	0	0	0	3.58	0.1663	0.0105	12.2	75.3	0.1088	32.12	0.0187	15.4	0.4327	0.0086	0.2345	0						
05352	17	18	1		200	2.87	2.81	10.1	0	10.4	8.03	83.31	0.561	0	0	0	0	5.7	0	0	0	1.19	0.2239	0.0072	6.37	29.7	0.1091	23.64	0.0099	12.4	0.1729	0	0.0905	0						
05353	18	19	1		280	1.95	3.36	4.31	0	15.2	9.4	16.01	0.5913	0	0	0	0	4.13	0	0	0	0	0.0745	0.0065	8.66	45.2	0.0447	47.64	0	11.5	0.1621	0	0.0858	0						
05354	19	20	1		280	4.2	4.02	6.72	0	18.6	13	18.4	0.687	0	0	0	4.665	5.53	0	0	0	3.28	0.0872	0.0095	8.41	40.4	0.0737	15.76	0.0087	11	0.2867	0	0.1546	0						
05355	20	21	1		50	2.92	5.62	7.38	0	15.2	11.4	16.3	0.6709	0	0	0	2.33	3.02	0	0	1.6	0	0.0761	0.0092	11	38	0.0844	36.98	0.0199	13.1	0.3836	0.0058	0.2141	0						
05356	21	22	1		30	1.79	4.46	7.33	0	11.3	9.61	19.88	0.6239	0	0	0	0	4.3	0	0	0	1.48	0.0626	0.0099	11	43.2	0.0763	28.68	0.0192	14.5	0.2867	0.0055	0.1703	0						
05357	22	23	1		40	0	3.53	7.33	0	11.4	8.94	14.23	0.5991	0	0	0	25.63	1.86	0	0	2.14	0	0.0348	0.0102	5.86	19.4	0.0659	30.2	0.0158	14.3	0.1945	0	0.1249	0						
05358	23	24	1		170	0	4.58	7.54	0	14.6	10.6	20.75	0.6536	0	0	0	0	3.02	0	0	2.14	0	0.0629	0.0159	6.88	38.8	0.0916	56.66	0.0223	13.2	0.3945	0.0059	0.2224	0						
05359	24	25	1		60	0	5.02	9.39	0	14.2	10.4	13.65	0.6699	0	0	0	0	3.31	0	0	2.67	0	0.0574	0.0177	6.37	28.5	0.1119	39.44	0.025	11.4	0.3785	0.0059	0.2429	0						
05360	25	26	1		150	3.07	4.14	8.72	0	13.1	10.8	18.99	0.6371	0	0	0	0	2.44	0	0	2.14	0	0.0622	0.0217	3.56	19.8	0.0929	40.98	0.0165	10.8	0.2758	0	0.178	0						
05361	26	27	1		230	5.65	8.48	19.9	0	26.8	20.7	59.25	0.8965	0	0	0	15.93	3.7	0	0	0	7.14	0.1362	0.0303	24.3	75.1	0.281	98.69	0.045	50.2	0.9265	0.0204	0.6296	0						
05362	27	28	1		50	19.5	7.64	17.6	0	28.4	23.8	56.13	1.048	0	0	0	22.76	1.04	0	0	0	7.14	0.0773	0.0112	19.1	73.7	0.2602	62.06	0.0433	49.8	0.8478	0.0185	0.6079	0						
05363	28	29	1		20	4.03	6.63	18.9	0	21.1	19.5	55.78	0.8239	0	2	0	13.65	1.85	0	0	0	7.14	0.0682	0.0093	18.9	43.8	0.2798	52.76	0.0504	49.3	0.6782	0.0155	0.5099	0						
05364	29	30	1		90	8.01	5.69	17.4	0	22.4	19.8	54.74	0.8158	0	0	0	6.822	1.16	0	0	0	7.14	0.0716	0.0122	18.3	47.9	0.2406	59.62	0.0343	49.7	0.6237	0.0163	0.4566	0						
05365	30	31	1		530	49.5	5.64	14.8	0.7736	45.4	33.4	58.55	1.498	0	0	0	25.04	3.59	0	0	0	3.24	0.076	0.0051	15.7	88.5	0.1868	106.1	0.0104	49.9	0.5813	0.016	0.3618	0						
05366	31	32	1		490	22.7	5.69	13.6	0	37.2	31.9	59.66	1.299	0	0	0	15.94	2.78	0	0	0	8.44	0.1023	0.0052	18.3	64.1	0.2388	68.38	0.0105	50.8	0.5456	0.0159	0.337	0						
05367	32	33	1		370	11.8	5.32	12.7	0	29.1	25.7	56.49	0.8269	0	0	0	20.49	4.4	0	0	0	5.19	0.1669	0.0109	18.3	71.9	0.2307	92.51	0.0079	49.9	0.4724	0.0139	0.2896	0						
05368	33	34	1		230	7.23	5.27	15.3	0.9527	27.6	20.9	74.58	0.7192	0	0	0	11.38	3.3	0	0	0	5.84	0.1627	0.0093	23.2	117	0.2122	107.7	0.0091	51.2	0.4668	0.0136	0.2821	0						
05369	34	35	1		240	17	5.79	15.4	0	37.7	36.9	63.06	1.288	0	0	0	4.545	3.35	0	0	0	8.11	0.2394	0.0188	19.7	110	0.1663	84.09	0.0095	53	0.4663	0.0135	0.3001	0						
05370	35	36	1		530	22.4	6.21	35.1	0	41.8	46	150.2	1.485	0	0	0	25.06	5.67	0	0	4.61	5.51	0.3678	0.0145	19.7	123	0.1615	70.08	0.0082	47	0.3576	0.0125	0.2197	0						
05371	36	37	1		170	6.89	5.58	17.6	0	25.8	22.5	74.14	0.8282	0	0	0	15.93	5.15	0	0	0	6.81	0.1889	0.018	26.3	72.3	0.2002	137	0.0121	51.8	0.5873	0.0141	0.3683	0						
05372	37	38	1		110	7.85	4.53	15.5	0	19.2	17.1	72.5	0.6276	0	0	0	6.819	4	0	0	0	4.21	0.1413	0.0122	23.7	57.2	0.2092	79.77	0.0071	52	0.3577	0.0107	0.2202	0						
05373	38	39	1		190	12.3	32.8	40	0	23.9	18.9	131.8	0.7336	0	0	0	13.66	11.6	0	0	7.83	6.81	0.3246	0.0083	23.5	59.1	0.1738	149.4	0.0059	46	0.3638	0.0094	0.2428	0						
05374	39	40	1		110	7.17	6.22	37.1	0	22.4	20.3	512.1	0.8928	0	0	0	13.65	33.9	0	0	0	11.7	1.315	0.0069	31.1	95.8	0.4868	87.61	0.0188	57.7	0.5268	0.0163	0.3323	0						
05375	40	41	1		250	7.5	26.4	99.8	0	34.9	27.2	140	1.25	0	0	0	9.099	12.5	0.842	0	17	7.79	0.3458	0.0102	18	103	0.1465	65.14	0.0084	47.6	0.5208	0.0145	0.3153	0						
05376	41	42	1		310	12.6	38.4	258	0	33.5	25.6	142.4	1.069	0	0	0	22.76	14.5	1.6	0	58.1	6.16	0.3481	0.0115	21.7	82	0.1811	72.85	0.01	54.2	0.5934	0.0152	0.3342	0						
05377	42	43	1		160	6.33	9.64	203	0	44.6	37.9	176.9	1.716	0	0	0	2.261	19.9	1.44	0	3.23	7.46	0.6449	0.0089	20	84.4	0.2754	49.57	0.0111	55.6	0.5152	0.0194	0.3043	0						
05378	43	44	1		380	2.46	110	787	0	51.9	44.6	132.7	1.979	0	0	0	4.545	11.5	5.57	0	2.76	6.16	0.3198	0.0154	22.3	65.9	0.1919	18.69	0.0115	54.7	0.6359	0.014	0.351	0						
05379	44	45	1		120	5.49	50	252	0	21.9	21.4	126.5	0.8589	0	0	0	13.65	12.7	1.88	0	0	6.81	0.3129	0.0189	24	86.2	0.1574	56.41	0.0085	52.4	0.545	0.0126	0.3005	0						
05380	45	46	1		110	4.48	16.7	42.6	0	18	17.5	195.4	0.72	0	0	0	9.099	18.7	0	1.1	0	6.81	0.4886	0.0225	26	94.5	0.2038	180.5	0.0077	49.6	0.6116	0.0106	0.3168	0						
05381	46	47	1		70	14.2	22.5	41.2	1.667	25.7	20.3	167.3	0.8893	0	0	0	6.823	14.5	0	2.8	0	7.79	0.3225	0.0193	28.3	166	0.2314	116.5	0.0103	48.8	0.66	0.0114	0.3195	2.7						
05383	48	49	1		140	8.12	4.74	16	0	17.8	15.1	92.19	0.5813	0	0	0	18.21	5.38	0	0	0	3.89	0.2571	0.0083	22.9	52.1	0.199	65.85	0	50.7	0.2846	0.0081	0.1444	0						
05384	49	50	1		80	12.2	7.11	15.1	0	26.5	21	117.9	0.8936	0	0	0	20.49	7.29	0	0	0	5.84	0.4162	0.0225	28.3	108	0.2386	88.15	0.01	50.6	0.6303	0.0128	0.304	0						
05385	50	51	1		190	16.1	70.9	98.5	0	23.5	19.7	183.7	0.7603	0	0	0	9.099	11	0.901	0	0	7.14	0.4289	0.0086	23.1	144	0.2045	97.87	0.0076	49.8	0.5511	0.0103	0.3106	0						
05386	51	52	1		960	9.47	9.11	15	0	43	22.7	125.6	0.9971	0	0	0	13.66	13.5	0	0	0	9.41	0.4618	0.0072	21.2	142	0.1975	94.94	0.005	52.3	0.6122	0.0099	0.2514	0						
05387	52	53	1		3410	8.01	8.79	18.5	1.19	62.3	16.1	118.5	0.6447	2	29	0	15.93	12.4	0	0	0	6.49	0.3807	0.0125	26.3	120	0.183	101.9	0	54.6	0.9083	0.0112	0.2584	5.2						
05388	53	54	1		200	3.75	7.9	17.6	0	24.2	18.5	68.95	0.8025	0	0	0	20.48	9.02	0	0	0	7.46	0.2244	0.0102	38	73.3	0.2654	108.3	0.0113	48.4	0.6722	0.0149	0.3868	0						
05389	54	55	1		310	8.68	5.48	15.1	0.5949	23.3	18.7	74.49	0.7279	0	0	0	18.21	7	0	0	0	4.86	0.2126	0.0095	33.1	57.6	0.2147	86.78	0.0098	48.8	0.5873	0.0139	0.3125	0						
05390	55	56	1		140	8.97	4.85	11.8	0	17.8	15.9	43.36	0.5863	0	0	0	18.22	4.4	0	0	0	3.23	0.0944	0.0094	22	32.8	0.1921	61.18	0.0067	41.8	0.3516	0.0098	0.2104	0						
05391	56	57	1		220	9.8	5.79	16.9	0.714	19.5	15.8	55.78	0.6211	0	0	0	11.38	7.11	0	0	0	8.44	0.2066	0.0074	25.7	82.9	0.2091	65.4	0.0119	43.4	0.6297	0.0194	0.3598	0						
05392	57	58	1		260	75.5	103	494	0	85.1	80.2	284.1	3.39	0	0	0	9.099	34.2	3.79	1.04	89.4	27.3	0.8987	0.0264	22.6	108	0.533	7.82	0.0154	59.5	0.8234	0.0142	0.5175	0						
05393	58	59	1		120	8.55	27.5	159	0	26.3	21.8	69.19	0.8945	0	0	0	9.099	9.75	1.27	0	12.9	5.84	0.1646	0.0134	17.1	62.6	0.1315	76.82	0.0097	49.5	0.6045	0.0113	0.3402	0						

Appendix 5.2.7 - 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
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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
05394	59	60	1		110	9.4	8.43	26.6	0	25.2	25.4	82.81	0.9557	0	0	0	18.21	7.4	0	0	0	8.11	0.1436	0.0088	22	82.5	0.259	83.82	0.0185	57.2	0.7327	0.0177	0.403	0						
05395	60	61	1		160	7.12	5	18.8	0.7142	19.7	16.7	76.31	0.6356	0	0	0	2.261	6.14	0	0	0	3.56	0.1455	0.011	22.9	48	0.2194	65.75	0.0129	53.9	0.4122	0.0132	0.2493	0						
05396	61	62	1		130	3.47	5.79	21.9	1.071	21.4	18.7	74.84	0.7593	0	0	0	11.38	3.35	0	0	0	6.16	0.0599	0.0121	23.7	64.5	0.2266	85.19	0.0168	49.3	0.6297	0.0161	0.3505	0						
05397	62	63	1		50	8.17	4.37	28.6	0	24.6	20.1	128.2	0.8428	0	0	0	9.099	5.55	0	0	0	3.56	0.119	0.0075	17.4	50.7	0.2019	101.7	0.0065	48	0.327	0.0099	0.2147	0						
05398	63	64	1		260	8.41	7.95	19.9	0.5353	27.7	21.7	111.7	0.9491	0	0	0	11.38	7.76	0	0	0	4.53	0.1047	0.0089	13.2	43.8	0.1923	101.7	0.0112	44.7	0.3092	0.0094	0.2084	0						
05399	64	65	1		320	6.05	6.21	18.2	0	19.3	16.1	93.56	0.6483	0	0	0	0	6.94	0	0	0	3.89	0.136	0.0106	24.3	49.3	0.2142	141.7	0.0073	51.3	0.3573	0.0101	0.1827	0						
05400	65	66	1		210	5.61	5.95	18.3	0	19.5	17	81.18	0.6699	0	0	0	9.099	5.56	0	0	0	5.51	0.1479	0.0064	17.7	57.2	0.1622	72.34	0.0105	53.9	0.4244	0.0131	0.2121	0						
05401	66	67	1		320	11.8	8.79	16.4	0	26.1	18.3	118.2	0.7236	0	0	0	11.38	9.54	0	0	0	7.46	0.3659	0.0089	25.1	104	0.2441	64.85	0.0194	59.9	0.9023	0.0165	0.3649	0						
05402	67	68	1		190	19.4	7.69	18.6	0	27.5	25.5	98.76	1.045	0	0	0	15.93	6.07	0	0	0	6.81	0.2104	0.0085	19.4	68.2	0.2315	85.96	0.0161	51.3	0.6964	0.0136	0.4045	0						
05403	68	69	1		50	6.89	8.48	39.4	0	20	18.8	143.8	0.8185	0	0	0	18.21	7.46	0	0	0	9.73	0.475	0.0071	26.3	69.1	0.2528	62.34	0.0324	54.6	0.763	0.0169	0.4639	0						
05404	69	70	1		60	6.77	7.43	20.5	0	24.7	22.1	205.5	0.9756	0	0	0	15.93	8.91	0	0	0	11.4	0.7341	0.0122	29.4	70	0.3011	34.44	0.0563	57.9	0.7206	0.0193	0.4946	0						
05405	70	71	1		220	3.08	7.79	20.6	0	31.3	23.4	133.7	1.066	0	0	0	15.93	5.72	0	0	0	10.7	0.2871	0.0224	30.3	79.3	0.3673	44.94	0.0864	56.8	1.011	0.0266	0.7421	0						
05406	71	72	1		410	0	7.22	16.8	0	29.4	21.2	91.47	0.9405	0	0	0	4.546	2.49	0	0	0	8.11	0.114	0.0103	21.7	50.7	0.317	35.56	0.0781	52.1	0.878	0.0142	0.6063	0						
05407	72	73	1		50	1.34	6.27	13.8	0	19.9	17	75.19	0.7585	0	0	0	15.93	3.59	0	0	0	6.16	0.1045	0.0103	24.3	42.4	0.2438	61.05	0.0531	49.4	0.6903	0.0135	0.4761	0						
05408	73	74	1		50	25.8	9.22	16.2	0	26.1	19.5	84.88	0.8955	0	22	0	11.38	4.74	0	1.04	0	7.46	0.1557	0.0083	22	57.6	0.2485	47.02	0.0617	49.7	0.7992	0.0133	0.545	0						
05409	74	75	1		110	7.95	5.79	16.9	0	25.9	21.9	85.93	1.002	0	6	0	22.76	4.57	0	0	2.77	5.51	0.2262	0.0133	18.9	41	0.2339	40.37	0.055	53.1	0.5935	0.0101	0.4516	0						
05410	75	76	1		100	8.01	5.58	15.6	0	26.9	23.2	74.15	0.9406	0	0	0	9.099	2.95	0	0	0	6.49	0.1412	0.0098	17.1	31.8	0.2103	55.53	0.0462	57.5	0.5511	0.01	0.4188	0						
05411	76	77	1		170	7.56	8.53	22.4	0	29.1	25.8	94.24	1.125	0	3	0	31.87	4.28	0	0	0	10.1	0.1921	0.0094	21.1	49.3	0.2547	69.74	0.054	54	0.993	0.015	0.6476	0						
05412	77	78	1		160	8.29	6.79	15.9	0.7736	21.3	19.3	67.56	0.797	0	0	0	2.269	6.53	0	0	0	7.14	0.2527	0.0086	23.7	41.5	0.1969	76.05	0.0267	54.4	0.5934	0.0117	0.3827	0						
05413	78	79	1		70	3.36	9.06	21.3	0	29.8	23.4	111.2	1.079	0	0	0	0	3.76	0	0	0	14	0.2314	0.0091	24.9	61.7	0.3512	46.86	0.0695	55.5	1.169	0.0128	0.6908	0						
05414	79	80	1		50	9.29	7.27	23.4	0	30.2	25.7	129.9	1.106	0	0	0	18.21	3.18	0	0	0	9.08	0.3006	0.0156	19.1	52.5	0.3322	39.1	0.0617	52.1	0.7932	0.0096	0.5583	0						
05415	80	81	1		110	4.14	5.69	18.2	0	29.3	25.4	62.37	1.117	0	0	0	20.48	3.24	0	0	0	6.49	0.0743	0.0085	16.3	43.3	0.2068	63.34	0.0424	47.4	0.7145	0.0107	0.4785	0						
05416	81	82	1		210	1.51	6.53	16.3	0	26.5	19.7	61.33	0.9155	0	0	0	0	4.34	0	0	0	7.46	0.0856	0.0095	23.4	35	0.2561	65.35	0.0559	44	0.7691	0.0106	0.5141	0						
05417	82	83	1		110	0	5.64	14	0	21.8	17.8	45.73	0.8426	0	9	0	6.823	2.14	0	0	0	5.84	0.082	0.0094	25.4	24.4	0.2629	74.02	0.0581	41.2	0.6357	0.0088	0.4711	0						
05418	83	84	1		100	4.26	7.37	13.9	0	26	22	57.17	0.9577	0	11	0	15.93	3.47	0	0	0	9.41	0.0951	0.008	24	46.1	0.2485	94.54	0.0537	39.5	0.8841	0.0132	0.5763	0						
05419	84	85	1		30	1.29	6.69	15.7	0	20.4	21	74.49	0.9475	0	8	0	0	4.34	0	0	0	7.14	0.1203	0.0073	27.7	34.1	0.2922	57.49	0.0581	39.6	0.7569	0.0089	0.4918	0						
05420	85	86	1		80	3.14	8.06	21.7	0	23.8	20	83.85	0.9468	0	0	0	11.38	4.16	0	0	0	8.44	0.1536	0.0086	26.3	38.2	0.2399	90.53	0.0459	40.8	0.9992	0.0131	0.5768	1.42						
05421	86	87	1		230	3.92	6.27	15.4	0	27.4	21.1	71.38	0.9451	0	11	0	4.545	4.34	0	0	0	6.81	0.2093	0.0077	22.6	27.2	0.2359	68.95	0.0468	43.7	0.6116	0.0083	0.3961	0						
05422	87	88	1		680	1.12	8.27	15.7	0	36.5	23.7	51.63	1.162	0	0	0	25.04	2.83	0	0	0	10.7	0.1523	0.0085	26.9	57.1	0.2714	73.38	0.054	41.1	1.157	0.0157	0.6314	0						
05423	88	89	1		70	7.28	6.79	17.5	1.012	25.1	23.2	65.49	1.105	0	0	0	2.268	3.18	0	0	0	8.44	0.146	0.0097	17.1	33.6	0.2351	63.34	0.0481	38.4	0.7388	0.0099	0.5088	0						
05424	89	90	1		260	4.81	6.58	14.2	0	32.1	22.5	46.43	1.084	0	0	0	15.93	3.12	0	0	0	9.08	0.1644	0.0071	13.7	41.5	0.2126	48.57	0.0403	42.6	0.6479	0.0105	0.4224	0						
05425	90	91	1		1230	5.54	6.58	15	0	35.6	16.5	97.37	0.7343	0	0	0	18.21	8.85	0	0	0	9.73	0.4057	0.0117	24.3	85.3	0.2759	108.5	0.0263	39.4	0.8296	0.0106	0.3575	0						
05426	91	92	1		510	5.26	6.06	16.3	0	25	18.8	110.9	0.7879	0	0	0	22.76	9.48	0	0	0	9.41	0.5867	0.0106	29.4	71.9	0.327	69.52	0.0207	37.5	0.7205	0.0091	0.3509	0						
05427	92	93	1		470	6.5	5.16	18.1	0	19	14.8	108.9	0.5675	0	0	0	11.38	14	0	0	0	4.21	0.436	0.0118	20	44.8	0.2173	120.1	0	34.9	0.2182	0.0061	0.1254	0						
05428	93	94	1		980	7.34	4.05	12.8	0	27.7	14.7	112.8	0.6169	0	0	0	0	6.72	0	0	0	6.16	0.4151	0.0091	17.7	51.7	0.2244	61.91	0.008	35.6	0.3941	0.0083	0.1651	0						
05429	94	95	1		560	2.13	3.74	13.9	0	22.5	15.2	67.57	0.6572	0	0	0	0	4.51	0	0	0	4.86	0.1223	0.0082	10.6	41.9	0.1548	62.86	0.0115	30.5	0.3331	0.0078	0.2013	0						
05430	95	96	1		230	5.55	3.79	12.8	1.012	16.3	15.1	53.76	0.6327	0	0	0	4.54	4.05	0	0	0	4.86	0.1239	0.0093	11.7	36	0.1494	58.56	0.0145	30.3	0.3212	0.0069	0.2122	0						
05431	96	97	1		120	5.26	4.74	12.3	0	18.9	14.7	57.88	0.6243	0	0	0	2.267	3.07	0	0	0	4.21	0.1455	0.0117	14.9	38.3	0.1915	48.49	0.0271	32.8	0.4058	0.0089	0.2951	0						
05432	97	98	1		550	9.74	4.21	8.06	0	24.3	16.3	41.93	0.6779	0	0	0	6.822	5.96	0	0	0	6.81	0.2053	0.0067	14.6	66.4	0.1355	50.23	0.0107	29.3	0.4057	0.0124	0.2388	0						
05433	98	99	1		1020	6.73	4.27	9.1	0	26.3	12.4	45.44	0.5324	0	0	0	6.82	3.82	0	0	0	5.84	0.1669	0.0063	16.3	66.9	0.1466	55.51	0.0114	28.1	0.4607	0.0141	0.2361	0						
05434	99	100	1		700	4.49	4.63	10.6	1.191	19.5	12.7	44.4	0.6124	0	0	0	0	4.98	0	0	0	6.16	0.1213	0.0085	13.4	24	0.1531	71.15	0.0069	26.5	0.4001	0.0097	0.2347	0						
05435	100	101	1		380	27.5	4.95	10.6	0	21.4	17.2	46.83	0.7497	0	0	0	0	7.99	0	0	0	3.56	0.2417	0.0337	12.6	15.7	0.157	49.75	0	25	0.2	0.0069	0.1347	0						
05436	101	102	1		240	79	4	25	0	55	69	229	1.69	0	0	0	0	41	0	0	0	7.46	1.55	0.0281	27	28	0.2532	52	0	34	0.27	0.0105	0.32	3						
05437	102	103	1		50	57.1	12.7	90.8	0	86.8	76.8	354.8	3.498	0	0	0	0	13.9	0.799	0	0	84.4	0.7537	0.0371	14	28.6	1.389	13.54	0.1593	30.2	1.659	0.0075	1.032	0						
05438	103	104	1		40	74.2	14.6	97.6	0	82.5	78.3	472.6	3.438	0	19	0	0	8.67	0.737	0	0	102	0.7281	0.0365	14.6	22.1	1.391	28.9	0.2096	27.9	2.071	0.0138	0.8668	0						
05439	104	105	1		160	46.1	17	108	0	85	68.3	536.7	3.106	0	0	0	0	11.3	0.748	0	0	116	0.7336	0.0365	15.7	31.3	1.492	41.14	0.2277	28.6	2.331	0.0122	1.002	0						
05440	105	106	1		100	37.7	16.5	100	0	80	65.5	524.2	2.859	0	0	0	6.823	10.6	0.672	0	0	115	0.7452	0.0356	12.3	35.9	1.507	29.66	0.2093	28.6	2.295	0.0106	0.9571	0						
05441	106	107	1		100	30.1	16.1	86.2	0	80.4	64	484.1	3.015	0	5	0	0	13.8	0.664	0	0	112	0.7451	0.0293	12.3	33.6	1.459	28.42	0.2179	27	2.253	0.011	0.9766	0						
05442	107	108	1		170	39.2	15	82	0	88.6	76.3	448.4	3.599	0	35	0	2.268	10.2	0.777	0	0	108	0.6853	0.0305	12	31.8	1.432	20.39	0.2007	27.4	2.15	0.0086	1.006	0						
05443	108	109	1		20	31.7	14.4	91	0	64.2	56.4	522.2	2.582	0	0	0	0	9.54	0.545	0	0	107	0.7442	0.0335	13.7	21.7	1.314	14.99	0.1844	25	1.986	0.0114	0.6734	0						
05444	109	110	1		70	38	16	102	0	80.6	68.3	524.2	3.065	0	65	0	0	9.19	0.661	0	0	121	0.6154	0.0341	13.4	31.3	1.486	26.53	0.2092	26.2	2.295	0.0078	0.8901	0						
05445	110	111	1		170	58.9	14.3	82.3	0	78.8	69	511.3	3.198	0	0	0	9.099	15.8	0.73	0	0	101	1.188	0.0311	18.8	35.4	1.376	20.09	0.1558	27.7	1.936	0.0058	0.7828	0						
05446	111	112	1		1220	27.2	9.63	46.1	0	50.1	40.6	106.2	1.149	0	0	0	0	9.96	0	0	0	9.09	0.3458	0.0064	8	81.7	0.1797	5.164	0.0064	29.3	0.2485	0.0045	0.1048	0						
05447	112	113	1		1090	26.6	4.42	44.5	1.668	57.7	47.9	483.1	1.9	0	0	0	4.542	27.1	0	0	0	14	1.614	0.0231	23.5	24.9	0.7076	14.42	0	27.7	0.1757	0	0.1127	0						
05448	113	114	1		560	61.9	5.79	36.8	0.7738	71.9	65.9	491.6	2.919	0	0	0	4.54	32.7	0.61	0	0	23.4	1.85	0.0301	23.5	18.9	0.7811	12.89	0.0087	27.2	0.2425	0	0.1802	0						

Appendix 5.2.7 - 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
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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
05449	114	115	1		530	51.1	9.48	52.9	0	66.9	61.5	514.2	2.735	0	0	0	6.822	30.9	0.559	0	1.84	35.7	1.728	0.0319	23.4	19.4	0.9197	15.69	0.0187	25	0.5329	0	0.2063	0						
05450	115	116	1		50	30.5	7.11	85.5	0.6545	65.9	61.6	939.4	2.637	0	0	0	2.268	34.2	0.559	0	0	54.5	2.484	0.0347	28.6	19.4	1.308	4.157	0.0356	30.6	0.7691	0.0053	0.2337	0						
05451	116	117	1		50	26.9	9.37	91.7	0	77.7	67.7	628.6	2.435	0	0	0	0	32.1	0.624	0	0	44.5	1.659	0.0366	23.1	9.68	1.027	33.28	0.0387	29.6	0.6177	0	0.3029	0						
05452	117	118	1		280	50.6	6.14	101	0	104	105	1222	3.452	0	0	0	3.962	88.5	0.769	0	0	40.5	4.335	0.0456	44.3	13.1	1.623	25.17	0.0125	46	0.2447	0	0.2992	0						
05453	118	119	1		800	57.5	6.06	105	0	126	128	936.3	3.595	0	0	0	7.975	99.2	0.943	0	0	26.8	3.708	0.0409	39	0	1.531	27.2	0	41.6	0.2298	0.0091	0.188	0						
05454	119	120	1		250	104	4.26	80.7	1.431	105	123	517.6	4.285	0	0	0	11.99	74	0.732	2.08	0	25.5	2.166	0.03	25	23.4	1.099	4.499	0.0186	35.9	0.2	0.0108	0.3559	0						
05455	120	121	1		350	237	4.86	100	0	155	161	339.3	4.335	0	0	0	0	19.8	1.14	0	0	17	0.7143	0.0206	16	38.4	0.6801	3.123	0.0143	29.1	0.1926	0.0069	0.2602	24.7						
05456	121	122	1		3890	19.9	11	18.7	0	52.8	15.3	63.38	0.5675	1	10	0	0	4.39	0	0	0	0	0.1775	0	0	66.3	0.0835	9.496	0	25.7	0.3182	0.0069	0.025	7.46						
05457	122	123	1		3160	7.13	0	4.34	1.821	48.7	4.83	0	0.2364	2	0	0	24.01	1.59	0	0	0	0	0.043	0	0	88.8	0.0271	5.545	0	23.8	0.2369	0	0.0057	5.23						
05458	123	124	1		1570	18.8	3.41	9.96	1.17	41.8	26.6	14.41	0.8767	0	0	0	3.998	4.88	0	0	0	0	0.1698	0.0247	4.67	39.2	0.0542	14.5	0	21.2	0.2368	0	0.0527	0						
05459	124	125	1		1200	22.1	9.47	18.5	2.86	51.6	30.2	84.99	0.9542	0	0	0	0	24	0	0	0	0	0.7099	0.0184	22.3	80.3	0.2542	17.12	0	38.6	0.2959	0.0208	0.1391	0						
05460	125	126	1		4770	25.3	1.88	12.9	0.9096	77.5	20.6	51.27	0.6975	2	0	0	16	12.7	0	0	0	7.16	0.3044	0.009	13.5	87	0.1597	37.9	0	25.7	0.5856	0.0207	0.1838	6.34						
05461	126	127	1		5920	61	1.37	17.8	0	141	52	109.6	1.373	3	1	0	20	16.2	0	0	0	5.86	0.4977	0.0111	11.4	115	0.241	64.3	0	48.1	0.7259	0.028	0.1702	8.57						
05462	127	128	1		1040	24.5	4.01	27.2	0	42	26.4	130.8	0.8566	0	0	0	0	15.5	0	0	0	2.57	0.6275	0.0123	21.3	108	0.3293	72.49	0.0091	46.6	0.304	0.029	0.2104	0						
05463	128	129	1		1230	9.21	0.682	5.23	0	13.5	5.37	31.69	0.181	0	0	0	0	3.66	0	0	0	2.61	0.1555	0	2.6	18.7	0.0589	13.77	0	6.95	0.1184	0.0053	0.0486	1.29						
05464	129	130	1		1370	39.8	2.39	17.2	0	57.7	35.9	88.9	1.116	0	1	0	32.05	12.7	0	0	0	4.54	0.5554	0.0117	20.8	92.7	0.1843	66.55	0.008	40.9	0.3931	0.0172	0.199	0						
05465	130	131	1		790	33.3	4.01	12.6	2.472	59.3	43.3	96.62	1.289	0	0	0	36.02	14.2	0	0	0	1.95	0.6631	0.0201	18.7	57.9	0.1384	70.63	0	35.1	0.348	0.0115	0.1771	0						
05466	131	132	1		1320	26.4	12.4	49	1.561	40.5	22.5	86.55	0.667	0	0	0	24.01	16.5	0	0	0	0	0.8333	0.0261	21.3	30.9	0.1217	80.82	0	28.4	0.3333	0.0074	0.1001	2.09						
05467	132	133	1		330	24.5	10.4	130	1.431	30.1	23.9	142.1	0.705	0	0	0	16	26.1	0	0	0	6.52	0.7315	0.0069	17.7	78.5	0.1871	68.88	0	27.7	0.274	0.0151	0.0669	0						
05468	133	134	1		3820	17.4	2.99	18.9	0	79.2	20.7	88.59	0.609	1	0	0	0	17.6	0	0	0	3.26	0.8823	0.0132	23.9	74.7	0.1547	96.62	0	23.8	0.5179	0.0084	0.0956	7.21						
05469	134	135	1		1010	16	4.87	17.3	0	41.2	21.2	63.53	0.7286	0	0	0	0	13.8	0	0	0	3.9	0.3563	0.0081	16.1	89.8	0.1382	88.65	0.0085	28.3	0.4595	0.0137	0.2379	0						
05470	135	136	1		1500	20.3	2.22	21.1	0	45.2	23.1	97.34	0.7992	0	0	0	0	12.1	0	0	0	2.6	0.3746	0.0114	10.9	72	0.2028	42.48	0	29.8	0.3332	0.0133	0.1145	1.6						
05471	136	137	1		180	48.5	96.4	41.7	0.7	68.3	28.1	212	1.095	0	0	0	0	35.5	0.578	0	0	21.2	1.637	0.0262	52.2	162	1.092	91.28	0.1222	47.8	0.8572	0.0163	0.4287	0						
05472	137	138	1		40	44.3	44.6	78.9	1.9	30.7	22.2	120.2	0.8936	1	0	0	0	14.3	0.556	0	0	13.6	0.3132	0.0235	38	125	0.1854	86.77	0.1091	46	0.9437	0.0159	0.4112	0						
05473	138	139	1		60	51.2	14.8	23.5	0	37.3	29.8	137.3	1.17	0	0	0	0	22.2	0	0	0	14.7	0.4497	0.0217	28.9	142	0.2336	105.2	0.1341	46.7	1.086	0.0168	0.5032	0						
05474	139	140	1		620	17.9	9.2	27.4	2.106	41.1	23.1	175.6	0.8962	0	0	0	25.4	0	0	0	0	13.1	0.5953	0.017	29.4	116	0.2723	104.4	0.101	49.1	0.8293	0.0166	0.4198	0						
05475	140	141	1		230	42.1	104	483	0	45.5	31.3	159.3	1.372	0	0	0	21.8	2.97	1.67	114	15.2	0.5451	0.02	25.9	135	0.2166	29.57	0.1324	43.3	1.124	0.0177	0.5882	0						
05476	141	142	1		1640	59.8	13	30.8	0	57.8	19.1	150	0.7752	0	0	0	19	0	0	0	13.1	0.5864	0.0184	31.1	133	0.2454	74.14	0.0861	41.8	0.9818	0.0143	0.3637	2.63						
05477	142	143	1		1400	9.15	8.56	19.6	0	63.7	29.4	75.24	1.299	0	0	0	10.2	0	0	0	12.1	0.3301	0.0146	20.3	137	0.2221	45.51	0.1074	38	0.8483	0.0148	0.3393	0						
05478	143	144	1		280	5.32	22.4	25.2	0	67.4	53	120.7	2.367	0	0	0	12.2	0.639	0	2.13	12.1	0.3933	0.0177	21.6	114	0.2316	9.585	0.098	39.5	0.7434	0.0117	0.3657	0						
05479	144	145	1		1150	10.3	41.6	153	0.7014	55.8	24.5	103.4	0.9649	0	0	0	11	1.86	0	0	11.1	0.3953	0.0194	23.3	124	0.2217	76.43	0.0681	36.9	0.8193	0.0114	0.3169	0						
05480	145	146	1		260	35.8	10.9	48.8	0	44.2	34.7	153.2	1.19	0	0	0	17.3	0	0	0	12.6	0.5843	0.0182	24.6	105	0.2114	55.78	0.0942	42.3	0.7342	0.0111	0.3842	0						
05481	146	147	1		200	63.9	6.32	17.7	0.8425	46.8	48.5	65.86	1.661	0	0	0	6.82	0	0	0	10.6	0.3526	0.0158	16.8	86.6	0.1604	8.776	0.0674	34.6	0.5054	0.0087	0.2878	0						
05482	147	148	1		250	73	5.84	13.6	0	52.8	42	81.01	1.806	0	0	0	10.1	0	0	0	12.6	0.4274	0.0138	19.9	114	0.1814	11.41	0.0899	37.9	0.6959	0.0121	0.381	0						
05483	148	149	1		370	65.2	7.36	14.8	0	47.6	41.2	142.1	1.543	0	0	0	12	0	0	0	14.7	0.8201	0.0149	29.8	165	0.1837	9.113	0.075	36.6	0.7052	0.0102	0.3158	0						
05484	149	150	1		130	6.62	5.2	11.5	0.5607	16.4	14.7	86.64	0.5912	0	0	0	5.88	0	0	0	11.1	0.3519	0.008	19.4	85.8	0.1618	56.94	0.0987	28.4	0.6568	0.0092	0.2756	0						
05485	150	151	1		400	10.5	4.16	8.05	0	30.1	12.2	65.34	0.5072	0	0	0	9.81	0	0	0	11.1	0.3382	0.0066	21.6	153	0.1304	96.32	0.0469	31.4	0.4959	0.0112	0.2201	0						
05486	151	152	1		430	11.9	7.35	12.9	0	29.5	20.6	107.6	0.9768	0	0	0	10.1	0	0	0	10.6	0.5117	0.0075	19.9	120	0.1672	21.18	0.0776	27.2	0.6481	0.008	0.2988	0						
05487	152	153	1		70	16.4	7.92	14.6	0	31.4	23.5	116	0.9922	0	0	0	8.97	0	2.2	0	12.1	0.5141	0.0138	22	109	0.2657	50.32	0.1841	37.1	0.6578	0.0165	0.3959	0						
05488	153	154	1		130	3.54	5.76	10.6	1.263	20.6	16.3	63.7	0.646	0	0	0	9.14	0	0	0	12.1	0.3162	0.0184	22	54	0.2047	51.3	0.1047	25.6	0.4762	0.0105	0.2592	0						
05489	154	155	1		210	8.03	3.92	9.91	0	23.2	16	80.5	0.6699	0	0	0	12.2	0	0	0	8.57	0.4057	0.0114	21.2	90.7	0.1465	48.08	0.0627	24.4	0.534	0.0069	0.2428	0						
05490	155	156	1		170	8.31	5.44	11.7	0	27.7	21.4	56.95	0.9392	0	0	0	7.29	0	0	0	14.2	0.2559	0.0143	21.6	77.5	0.13	30.37	0.0912	32.5	0.7625	0.0108	0.3932	0						
05491	156	157	1		80	10.2	7.76	23.1	0	34.6	26	104.5	1.095	0	0	0	8.4	0	0	10.6	12.1	0.3635	0.0207	22.9	99	0.1829	22.34	0.1513	37.4	0.8482	0.0122	0.4211	0						
05492	157	158	1		200	10.2	10.6	20.3	0	29.7	22.4	113.9	0.8398	0	0	0	9.06	0	0	0	9.59	0.4769	0.0229	25.9	74.1	0.1599	69.19	0.1244	35.2	0.8293	0.0087	0.328	0						
05493	158	159	1		10	3.45	7.92	12.4	0	22.1	17.5	71.57	0.7775	0	0	0	10.5	0	1.76	0	14.2	0.3704	0.021	27.6	79.6	0.1622	87.93	0.2199	33.6	1.058	0.0085	0.3786	0						
05494	159	160	1		40	13.7	7.75	18.4	0	29	24.9	127.5	1.113	0	0	0	3.391	10.5	0	2.84	12.1	0.4568	0.0263	22.9	74.1	0.1281	9.819	0.1283	30.6	0.8199	0.0091	0.3701	0						
05495	160	161	1		140	9.71	7.43	14.8	0	41.4	31.8	64.28	1.273	0	0	0	0	10.6	0	0	10.6	0.3661	0.0234	18.1	78.9	0.1122	10.09	0.1172	31.6	0.6959	0.0084	0.3116	0						
05496	161	162	1		410	32.8	4.88	7.6	0	57.7	43.4	43.9	1.747	0	0	0	4.11	0	0	0	7.05	0.272	0.014	14.7	107	0.0792	6.407	0.0725	31.8	0.5817	0.0088	0.2824	0						
05497	162	163	1		340	22.1	4	21	0	44.8	33.5	44.41	1.413	0	0	0	5.05	0	0	0	9.59	0.3095	0.0085	9.92	78.3	0.0606	4.901	0.0452	25.9	0.3336	0.0058	0.1674	0						
05498	163	164	1		50	9.8	5.6	12.8	0	26	22	62.7	0.8423	0	0	0	8.68	0	0	0	11.6	0.3225	0.0151	21.2	104	0.1159	64.96	0.1057	28.3	0.6672	0.0094	0.2984	0						
05499	164	165	1		60	9.79	7.6	53.2	0.561	32.1	24.4	71.02	0.9593	0	0	0	10.5	0.534	1.41	0	10.1	0.3071	0.0178	16.4	95.5	0.117	51	0.0792	28.9	0.5906	0.0115	0.2446	0						
05500	165	166	1		20	7.83	4.16	9.28	0.9819	24.4	16.6	42.81	0.6782	0	0	0	7.47	0	1.06	0	8.07	0.232	0.0172	23.7	76.1	0.1094	95.92	0.0886	24.5	0.5905	0.0091	0.274	0						
05501	166	167	1		210	41.6	6.32	13	0	38.6	31.3	45.95	1.232	0	0	0	5.13	0	0	0	9.09	0.2925	0.015	13.8	88.6	0.0953	9.603	0.0703	30.3	0.6096	0.0078	0.2738	0						
05502	167	168	1		290	10.7	4.4	13.3	0	28.2	18.7	90.96	0.8191	0	0	0	6.54	0	0	0	11.6	0.3954	0.0205	20.7	74.1	0.1424	37.19	0.0951	35.7	0.4958	0.0084	0.2445	0						
05503	168	169	1		180	8.31	7.2	14.1	0	25.5	19.5	91.97	0.7657	0	0	0	8.78	0	0	0	11.1	0.4078	0.0099	25.9	85.2	0.2607	57.11	0.2122	42.4	0.7816	0.0179	0.3964	0						

Appendix 5.2.7 - 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
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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
05504	169	170	1		200	41.5	7.04	14.4	0	36.4	31.6	72.11	1.204	0	0	0	0	8.13	0	0	1.42	12.6	0.3246	0.0125	19.9	96.9	0.2213	10.74	0.1977	40	0.7816	0.0151	0.4361	0						
05505	170	171	1		150	10.6	5.28	11.6	0.561	25.7	18.9	74.67	0.7455	0	0	0	0	6.35	0	0	0	8.07	0.3289	0.0134	20.3	58.1	0.1926	51.46	0.1593	41	0.4953	0.011	0.2759	0						
05506	171	172	1		50	14.1	6.24	9.43	1.685	22.3	17.9	55.38	0.6865	0	0	0	0	7.1	0	1.23	0	10.6	0.3108	0.0125	20.3	74.1	0.157	70.76	0.1317	31	0.6482	0.0149	0.3186	0						
05507	172	173	1		140	18.5	5.12	22.7	0	28.7	22.8	80.5	0.9738	0	0	0	0	6.92	0	0	0	10.1	0.4266	0.017	15.5	61.6	0.1877	25.45	0.1224	34.5	0.4004	0.0089	0.1984	0						
05508	173	174	1		330	20.9	6.16	12.3	0	29.9	23.3	76.79	0.9088	0	0	0	0	9.05	0	0	0	10.1	0.4308	0.0287	17.3	81	0.1415	19	0.0648	31.3	0.5812	0.0137	0.2355	0						
05509	174	175	1		90	9.61	5.2	8.86	0	18.6	16.9	62.15	0.7202	0	0	0	0	7.65	0	0	0	11.1	0.3962	0.0151	18.6	74	0.1211	18.99	0.0635	28.1	0.4382	0.0175	0.1997	0						
05510	175	176	1		500	28	2.56	6.04	0	42.2	33.7	34.96	1.141	0	0	0	0	5.78	0	0	0	7.57	0.2603	0.0118	10.3	50.5	0.0635	2.751	0.0213	27.7	0.2474	0.0075	0.0998	0						
05511	176	177	1		950	10.8	3.36	8.31	1.685	29.2	16.5	60.11	0.7264	0	0	0	0	8.78	0	0	0	6.54	0.3839	0.0307	14.7	54	0.0991	6.838	0.0281	26	0.3719	0.0078	0.1333	0						
05512	177	178	1		260	8.58	4.72	20.1	0	27.7	22.9	94.01	0.9259	0	0	0	0	14.2	0	0	0	12.6	0.385	0.0155	22.9	92	0.1654	6.321	0.1239	28.4	0.6287	0.0152	0.2829	0						
05513	178	179	1		40	51.1	155	1240	1.822	29.1	20.9	203	0.9305	0	0	0	0	23.7	7.2	0	182	10.6	0.4336	0.0121	17.3	65.7	0.1457	2.754	0.0192	32.2	0.1998	0.0144	0.0929	0						
05514	179	180	1		150	15.8	26.6	1880	0	15.9	14.1	45.92	0.5719	0	0	0	0	10.6	10.3	0	24.1	5.04	0.2087	0.0088	9.92	49.8	0.0737	5.665	0.0128	29.2	0.2094	0.0102	0.0659	0						
05515	180	181	1		210	144	383	5630	0	27.7	23.5	144.3	0.8662	0	0	0	0	20.6	32.9	0	457	9.59	0.4302	0.0096	16.8	59.6	0.1724	4.177	0.0341	34.4	0.3432	0.0145	0.1546	0						
05516	181	182	1		50	42.1	115	1500	0	21.5	20.6	78.93	0.7478	0	0	0	0	11.3	8.75	0	136	9.08	0.2937	0.0101	16	66.5	0.2302	36.61	0.081	32.1	0.4672	0.0105	0.2104	0						
05517	182	183	1		50	15.7	4.8	37.4	0	15.9	14.1	75.07	0.605	0	0	0	0	9.22	0	0	2.13	4.55	0.3665	0.0131	9.48	64.2	0.1076	30.83	0.0229	27.8	0.0475	0.0074	0.0614	0						
05518	183	184	1		70	16	3.76	14.5	0	21.9	18	42.22	0.7549	0	0	0	0	4.75	0	0	2.84	6.57	0.1952	0.0113	8.19	44.9	0.155	7.338	0.074	32.3	0.1236	0.0072	0.1152	0						
05519	184	185	1		30	4.19	4.56	132	0	15.1	11.4	93.84	0.5379	0	0	0	0	6.7	0.878	0	0	8.6	0.302	0.0136	16.8	53.9	0.1378	27.98	0.0374	31	0.1616	0.0076	0.1048	0						
05520	185	186	1		160	4.75	4.96	134	1.542	18	15.6	66.28	0.6085	0	0	0	0	6.62	0.823	0	3.55	6.05	0.2494	0.011	7.33	65.7	0.0887	4.714	0.0183	31	0.1618	0.0074	0.0782	0						
05521	186	187	1		50	4.39	4.56	18.9	0	22.5	16.4	82.6	0.7372	0	0	0	0	6.92	0	0	4.25	7.56	0.3004	0.0091	15.1	83.8	0.1872	7.915	0.0733	36.3	0.3528	0.0117	0.1621	0						
05522	187	188	1		20	34.3	8.16	17.1	0	21.8	16.6	75.19	0.7494	0	0	0	0	5.79	0	0	3.55	8.07	0.2504	0.0177	15.5	63.7	0.1682	13.38	0.0767	30.7	0.4286	0.0099	0.2208	0						
05523	188	189	1		200	9.8	5.44	8.66	0	22	16.8	51.21	0.7677	0	0	0	0	6.35	0	0	0	8.57	0.2374	0.0298	17.3	60.2	0.1035	9.615	0.0575	30.6	0.5434	0.0125	0.232	0						
05524	189	190	1		160	10.2	4.64	7.81	0	15.3	12.9	33.91	0.576	0	0	0	0	7.83	0	0	0	8.59	0.2071	0.0089	12.1	79.5	0.062	13.83	0.0332	31.2	0.3045	0.0129	0.1138	0						
05525	190	191	1		240	17.3	4.64	18	0	19.6	19.3	74.76	0.7911	0	0	0	0	14.9	0	0	2.13	9.08	0.3197	0.0096	14.7	85.9	0.1374	6.919	0.0661	33.8	0.3147	0.0173	0.1431	0						
05526	191	192	1		160	19	6.08	29.7	0	17.6	17	166.8	0.7788	0	0	0	0	14.8	0	0	0	13.6	0.6227	0.0095	19.9	97.7	0.2206	19.2	0.1872	29.2	0.4577	0.015	0.1296	0						
05527	192	193	1		30	119	7.35	43.3	0	51.7	43.8	196	1.858	0	0	0	0	20.2	0	0	0	31.9	0.7344	0.0212	17.3	48.5	0.4792	20.17	0.4642	36.7	0.7055	0.0093	0.421	0						
05528	193	194	1		20	248	6.79	18.9	0	113	87.8	100.3	3.832	0	0	0	0	12	0.839	2.55	9.22	24.3	0.5006	0.0213	20.7	47.8	0.247	0	0.1444	34.1	0.5431	0.005	0.1978	0						
05529	194	195	1		10	119	11.4	75.6	0	80.7	74.6	459.1	3.255	0	0	0	0	16.4	0.667	0	0	84.6	1.205	0.0604	20.7	20.7	0.8141	2.233	0.7533	28.3	1.381	0	0.6463	0						
05530	195	196	1		270	87.7	11.2	64.1	0	70.9	60.3	481.5	2.757	0	0	0	0	22	0.539	0	0	106	1.63	0.0683	21.6	41.5	0.8427	11.15	1.274	32.8	1.638	0.0406	0.3434	0						
05531	196	197	1		20	45.8	11.8	61.3	0	68.6	61.4	489.9	2.582	0	0	0	0	18.2	0.539	0	14.9	107	1.462	0.0717	24.6	29.7	0.7914	13.29	1.669	31.9	1.581	0.0687	0.2643	0						
05532	197	198	1		20	52.6	12.6	65.6	0	66.1	60.1	532.4	2.478	0	43	0	0	20.7	0.528	0	5.67	115	1.583	0.0747	22.8	51.8	0.847	9.713	1.934	34.4	1.693	0.0647	0.2876	0						
05533	198	199	1		10	55.2	13	69.2	0	72.7	59.9	529.6	2.567	0	0	0	0	18.8	0.611	0	0	113	1.585	0.0727	24.6	27.7	0.8488	11.57	1.917	36.2	1.8	0.0613	0.3625	0						
05534	199	200	1		10	39.2	11	66.6	0	74.5	67.1	413.5	2.523	0	0	0	0	14.7	0	0	12.1	77.8	1.162	0.0695	16.8	33.8	0.7551	7.955	1.322	34.6	1.358	0.0331	0.2573	0						
05535	200	201	1		50	138	16.2	449	0	95.1	79.2	460.6	3.204	0	1	0	0	17.7	3.39	0	27.7	96.7	1.28	0.0634	19.9	34.6	0.9635	6.909	1.658	33.3	1.743	0.0221	0.6575	0						
05536	201	202	1		50	29.4	11.2	122	0	68.4	60.9	546.8	2.406	0	15	0	0	19.1	0.839	0	7.09	105	1.46	0.0742	19.4	26.3	0.8818	16.82	1.56	35.4	1.676	0.0375	0.5506	0						
05537	202	203	1		90	117	19.1	70.8	0	52.3	40.1	680	2.02	0	0	0	0	25.6	0.534	0	0	107	1.67	0.0662	25.4	29.7	0.7937	14.85	2.572	25.9	1.759	0.0678	0.2999	0						
05538	203	204	1		50	52.8	11.4	64.5	0	75.7	63	470.5	2.447	0	0	0	0	15.7	0	0	0	92.2	1.311	0.07	19	33.9	0.8375	10.14	1.429	32.4	1.495	0.0378	0.2642	0						
05539	204	205	1		340	76.9	15.3	91.2	0	103	87.5	504.5	3.61	0	15	0	0	18.3	0.734	0	2.84	122	1.146	0.0737	16.8	40.8	1.319	1.72	1.878	34.9	2.372	0.0142	0.8329	15.8						
05540	205	206	1		100	125	15.2	82.3	0	112	87.8	466.3	3.766	0	0	0	0	9.89	0.795	0	7.8	102	1.128	0.0716	14.2	24.2	1.133	1.908	1.329	34.8	1.933	0.013	0.693	0						
05541	206	207	1		10	40.5	12.3	91.5	0	74.9	60.2	588.5	2.555	0	43	0	0	18.7	0	0	0	111	1.286	0.0715	17.3	31.8	0.9129	16.35	1.627	31	1.914	0.0191	0.5107	0						
05542	207	208	1		30	28.6	19.3	115	0	91	75.8	930.1	3.317	0	0	0	0	30.2	0.7	0	7.09	140	2.218	0.0735	25.5	27	1.187	17.75	1.642	36.9	2.591	0.0108	0.5479	0						
05543	208	209	1		40	47.6	19.4	111	0	97.3	82.2	801.1	3.563	0	36	0	0	28.2	0.779	0	0	143	2.39	0.0696	32.4	31.1	1.214	11.46	2.087	37	2.658	0.0084	1.243	1.28						
05544	209	210	1		240	25.7	5.84	16.9	0	30.6	23	116	0.9778	0	0	0	0	13.8	0	0	0	18.7	0.4654	0.0218	17.7	51.2	0.1566	10.95	0.1576	31.7	0.6099	0.0069	0.2758	0						
05545	210	211	1		220	5.4	3.28	16.6	0	12.3	10.1	66.72	0.4947	0	0	0	0	10.1	0	0	1.42	7.08	0.2922	0.0128	16.8	71.8	0.0758	74.82	0.0344	22.1	0.3232	0.0058	0.0941	0						
05546	211	212	1		130	7.92	2.96	10.8	0	14.6	10.3	84.54	0.521	0	0	0	0	11.4	0	1.76	4.26	9.6	0.3203	0.0071	18.1	120	0.0953	53.1	0.0243	24.7	0.1903	0.0086	0.0769	0						
05547	212	213	1		100	14.1	3.92	7.94	0	18.2	14.5	37.01	0.614	0	0	0	0	6.33	0	0	0	9.1	0.2477	0.0063	14.2	77.3	0.0833	44.87	0.0293	20.9	0.1996	0.0072	0.1037	0						
05548	213	214	1		70	21.9	5.12	11.9	0	16.1	13.3	90.34	0.6124	0	0	0	0	6.63	0	0	0	5.54	0.346	0.0063	12.1	93.4	0.1406	37.26	0.0562	22.6	0.3048	0.0076	0.1318	0						
05549	214	215	1		180	9.78	3.44	5.81	0.7008	14.6	10.1	22.43	0.5048	0	0	0	0	4.57	0	0	3.54	9.09	0.1909	0	9.49	63.6	0.0441	28.52	0.0277	19.8	0.257	0	0.0854	0						
05550	215	216	1		370	7.73	4	5.81	0.8411	17.9	9.73	20.87	0.5223	0	0	0	0	5.87	0	0	0	5.04	0.2249	0.0068	14.7	61.5	0.0535	31.64	0.0289	17.6	0.3617	0	0.0997	0						
05551	216	217	1		340	4.65	3.52	4.56	0	16.7	7.31	17.73	0.44	0	0	0	0	5.96	0	0	0	4.55	0.1296	0.0068	9.48	58.7	0.0415	35.25	0.028	22.2	0.2567	0	0.0809	0						
05552	217	218	1		70	6.71	2.72	8.43	1.402	18.5	14.2	34.43	0.6055	0	0	0	0	6.62	0	0	0	3.53	0.1369	0.0067	6.47	56.7	0.0495	16.28	0.0315	19.8	0.276	0	0.104	0						
05553	218	219	1		100	5.87	10.2	116	0	14.8	8.54	14.08	0.4324	0	0	0	0	3.45	0.762	0	6.38	7.07	0.047	0.0062	8.62	52.5	0.0244	23.16	0.0302	18.7	0.1903	0	0.0835	0						
05554	219	220	1		60	4.19	2.72	56.7	1.26	14.8	8.8	20.85	0.4762	0	0	0	0	7.64	0	0	3.55	6.07	0.1314	0.0069	9.48	45.6	0.0384	33.59	0.0289	18.3	0.2662	0	0.0772	0						
05555	220	221	1		40	4.1	1.92	6.96	3.505	19.1	13.5	23.48	0.5465	0	0	0	0	4.29	0	0	0	4.54	0.1127	0.0058	5.6	44.9	0.0396	28.8	0.0268	13.2	0.1618	0	0.0752	0						
05556	221	222	1		20	1.4	2.4	4.15	0	8.28	5.93	26.59	0.3512	0	0	0	0	2.61	0	0	0	1.52	0.097	0.0055	6.47	44.9	0.0278	19.63	0.0234	14	0.1711	0	0.0488	0						
05557	222	223	1		280	9.41	2.16	3.78	0.8411	14.5	8.25	19.3	0.4338	0	0	0	0	3.64	0	1.23	0	5.04	0.075	0	7.33	57.4	0.0197	15.53	0.0221	16.7	0.1713	0	0.0503	0						
05558	223	224	1		150	4.29	1.92	4.11	0	13.6	8.28	14.08	0.431	0	0	0	0	1.96	0	0	0	3.02	0.0788	0.0051	4.74	69.1	0.0272	31.12	0.0323	17.7	0.1237	0	0.0723	0						

Appendix 5.2.7 - 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
SX05002	231.1	270	-75	524872	5494706.7	1758	COMPLETE	5/13/2005	D. L. Pighin

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
05559	224	225	1		80	5.96	2.08	4.09	0	11.6	8.09	17.74	0.4082	0	0	0	0	2.98	0	0	0	5.04	0.0984	0.0065	7.76	56.7	0.0283	19.3	0.0183	17.7	0.1142	0	0.0485	0						
05560	225	226	1		70	12.7	3.2	9.73	0	20.6	15.1	37.1	0.6483	0	0	0	0	5.23	0	0	4.96	7.56	0.1502	0.0094	12.1	61.6	0.0608	45.57	0.0435	17.4	0.2956	0	0.1264	0						
05561	226	227	1		100	6.05	3.76	6.84	0	16.7	10.5	30.76	0.491	0	0	0	0	5.59	0	0	0	5.06	0.1364	0.0074	10.3	64.9	0.0461	24.88	0.0238	18	0.1807	0	0.0665	0						
05562	227	228	1		150	9.96	4.4	8.98	0	18.5	15.3	38.06	0.6817	0	0	0	0	3.91	0	0	0	6.57	0.1495	0.0115	6.47	48.4	0.0587	26.13	0.0315	19.4	0.2282	0	0.0911	0						
05563	228	229	1		50	3.35	3.12	5.53	0	13.5	7.91	12.52	0.4538	0	0	0	0	5.97	0	0	0	8.08	0.1064	0.0075	4.74	49.1	0.0333	23.26	0.0328	15.4	0.1998	0	0.0753	0						
05564	229	230	1		10	0	2.48	7.3	0	11.4	8.12	31.3	0.4914	0	0	0	0	6.43	0	0	2.84	8.59	0.1621	0.0118	16.8	37.3	0.0373	25.05	0.0243	17.1	0.26	0	0.0714	0						
05565	230	231	1		40	2.24	2.24	28.3	0	15	8.57	23.48	0.5102	0	0	0	0	3.92	0	0	2.13	3.53	0.1178	0.0488	9.49	39.4	0.0295	23.68	0.0204	15.9	0.2379	0	0.072	0						

Appendix 5.2.7 - 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
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

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
05566	9	10	1		40	0	3.12	11.4	0	11.9	6.52	31.8	0.3941	0	0	0	0	2.89	0	0	0	6.07	0.0347	0.0103	5.17	57.3	0.0377	22.64	0.0586	18.2	0.1996	0	0.0872	0						
05567	10	11	1		30	2.05	3.28	6.96	0	14.8	8.32	19.83	0.4674	0	0	0	0	1.5	0	0	0	3.01	0.0317	0.0057	9.49	56.7	0.0501	16.61	0.0818	19.3	0.3048	0	0.1301	0						
05568	11	12	1		80	7.18	9.27	35.6	0	17	10.8	27.67	0.5643	0	0	0	0	1.68	0	0	8.51	2.5	0.0705	0.014	7.76	56.7	0.071	19.8	0.0724	21.2	0.2667	0	0.1382	0						
05569	12	13	1		50	2.24	4.08	9.89	1.122	21.8	12.9	25.06	0.6611	0	0	0	0	1.31	0	0	0	7.06	0.0635	0.0232	10.4	45.7	0.0982	18.88	0.1772	23.1	0.3715	0	0.2391	0						
05570	13	14	1		190	2.8	6.96	14.4	0	21.7	11	55.36	0.5725	0	0	0	0	2.34	0	0	0	6.05	0.0518	0.0251	12.5	37.4	0.0584	67.23	0.0605	21.1	0.2858	0	0.1456	0						
05571	14	15	1		70	3.08	4.32	12.3	0.8417	14.5	9.57	21.4	0.5267	0	0	0	0	2.62	0	0	2.13	4.53	0.0411	0.0301	13.8	36	0.0709	22.17	0.0809	21.8	0.4001	0	0.198	0						
05572	15	16	1		50	2.8	5.12	9.18	0	17.3	10.4	33.96	0.5461	0	0	0	0	2.99	0	0	6.38	8.06	0.0867	0.0316	17.3	38.1	0.1005	19.68	0.1607	21	0.4577	0	0.2435	0						
05573	16	17	1		110	0	4.4	40.2	0	16.6	10.5	22.46	0.5541	0	0	0	0	3.37	0	0	6.38	6.04	0.0577	0.0251	9.92	40.9	0.0781	21.18	0.1253	20.1	0.3337	0	0.1707	0						
05574	17	18	1		80	7.56	3.84	15	0	18.5	17.1	16.18	0.6963	0	0	0	0	1.03	0	0	3.55	6.54	0.0389	0.0253	6.03	38.1	0.0748	27.63	0.1125	19.8	0.3432	0	0.2011	0						
05575	18	19	1		140	6.07	4.24	8.68	0	14.8	12.6	22.46	0.5595	0	0	0	0	3.65	0	0	3.55	6.54	0.0527	0.0185	5.6	33.2	0.0546	20.9	0.0473	17.8	0.2956	0	0.1213	0						
05576	19	20	1		330	8.1	4.16	9.52	0	12.2	10.3	24.5	0.5027	0	0	0	0	3.16	0	0	0	6.07	0.0645	0.0191	9.48	34.5	0.057	22	0.0268	17.3	0.1806	0	0.0955	0						
05577	20	21	1		140	2.62	13.8	43.7	0	16.9	11.4	19.85	0.5286	0	0	0	0	4.39	0	0	0	3.5	0.0556	0.0149	10.8	37.4	0.056	48.49	0.0362	18.9	0.3242	0	0.1324	0						
05578	21	22	1		120	2.8	3.84	10.6	1.404	13.6	13.7	10.96	0.5025	0	0	0	0	1.31	0	0	4.96	6.55	0.0335	0.0208	8.63	39.5	0.0448	24.43	0.049	18.5	0.2955	0	0.1316	0						
05579	22	23	1		70	5.79	4.4	13.9	0	14.5	11.9	17.75	0.5729	0	0	0	0	0	0	0	4.25	6.54	0.0262	0.0164	6.03	40.2	0.0746	17.99	0.1424	18.6	0.3814	0	0.1964	0						
05580	23	24	1		180	0	4.4	9.39	0	21.2	12.2	27.17	0.6106	0	0	0	0	2.62	0	0	0	9.08	0.0821	0.027	10.8	43.6	0.1124	18.27	0.09	19.2	0.4291	0	0.243	0						
05581	24	25	1		190	0	3.12	9.64	0	19.8	12.6	10.43	0.6536	0	0	0	0	2.99	0	0	0	8.57	0.015	0.0138	10.8	45	0.0934	15.63	0.1577	21.4	0.4481	0	0.217	0						
05582	25	26	1		60	9.41	9.28	16	0	28.5	39.3	0	1.011	0	0	0	0	1.48	0	0	0	0	0.0515	0.0159	47.8	79.7	0.08	42.04	0.0605	26	0.6	0.0317	0.24	0						
05583	26	27	1		170	46.6	41.4	64	0	41.3	49.2	54.27	1.117	0	0	0	0	11	0	0	11.4	0	0.2008	0.0167	27.5	146	0.2848	82.13	0.0244	52.2	1.027	0.0321	0.6481	0						
05584	27	28	1		170	8.26	10.4	24.2	0	32.7	31.4	21.99	0.7883	0	0	0	0	0	0	0	0	6.59	0.0712	0.0233	24.6	110	0.365	55.15	0.0547	60.8	1.329	0.0342	0.9594	0						
05585	28	29	1		110	23.7	12.6	28.6	0	28.3	32	13.17	0.8994	0	0	0	5.77	5.16	0	0	13	1.25	0.0577	0.0183	21.7	129	0.3896	39.05	0.064	60.8	1.278	0.0349	1.094	0						
05586	29	30	1		120	12.4	11	36.1	0	27.5	34	0	0.9125	0	0	0	0	0	0	0	0	6.6	0.0628	0.0242	27.5	136	0.3722	55.77	0.065	58.2	1.404	0.0361	1.132	0						
05587	30	31	1		190	1.6	8.51	28	0	45	43.5	73.41	1.215	0	0	0	0	5.65	0	0	0	6.59	0.0843	0.0162	21.7	92.6	0.3519	49.6	0.042	55.6	1.028	0.0305	0.7919	0						
05588	31	32	1		160	8.26	9.48	28.7	1.312	21.6	25.7	26.4	0.7364	0	0	0	0	1.25	0	0	0	0	0.0643	0.0132	34.8	103	0.3841	43.83	0.0472	56.9	1.103	0.0298	0.9306	0						
05589	32	33	1		120	7.8	7.16	22.5	0	22.1	22.4	17.58	0.6504	3	0	0	0	3.94	0	0	3.25	0	0.0509	0.0175	31.9	103	0.3524	37.54	0.055	47.9	1.103	0.033	0.9082	0						
05590	33	34	1		160	2.06	8.9	22.1	0	27.3	27.4	7.297	0.7309	0	0	0	0	3.69	0	0	14.6	3.92	0.101	0.0171	17.4	92.6	0.3662	45.99	0.057	50	1.028	0.0282	0.9207	0						
05591	34	35	1		110	6.88	9.67	27.5	0	15.2	26.2	23.46	0.7048	0	0	0	0	0	0	0	3.25	0	0.0721	0.0188	18.8	101	0.33	45.01	0.0413	45.6	0.852	0.0249	0.7696	0						
05592	35	36	1		170	0	11	27.5	0	26.8	22.2	0	0.6403	1	0	0	0	0	0	0	0	0	0.0431	0.0182	23.2	106	0.4258	39.16	0.0625	50.3	1.178	0.0313	1.121	0						
05593	36	37	1		60	5.28	7.74	18.1	1.839	20.6	20.7	0	0.6143	1	0	0	0	3.69	0	0	0	0	0.0641	0.019	39.1	86.2	0.371	40.81	0.0436	53.8	0.9775	0.0303	0.8345	0						
05594	37	38	1		200	5.96	6	43.6	4.732	18.7	17.9	93.74	0.5521	1	0	0	0	7.3	0	0	14.6	0	0.2135	0.0105	29	108	0.1797	52.56	0.0115	41.5	0.7001	0.0179	0.3855	0						
05595	38	39	1		120	11.9	7.35	18	0	19.2	31.9	112.9	0.8382	0	0	0	0	12	0	0	13	0	0.2776	0.0225	20.3	66.7	0.2656	70.49	0.0105	36	0.6505	0.0179	0.3518	0						
05596	39	40	1		190	9.41	7.16	34.7	0	28.3	37.6	91.04	0.9469	0	0	0	0	4.67	0	0	24.4	0	0.2691	0.0277	18.8	110	0.295	68.37	0.0206	41.7	0.852	0.0193	0.5521	0						
05597	40	41	1		130	6.42	10.2	15.8	0	15.5	25.7	115.9	0.7277	1	0	0	0	3.92	0	0	0	5.28	0.2538	0.0108	18.8	116	0.2544	48.94	0.0406	34.6	0.6259	0.0276	0.5976	0						
05598	41	42	1		100	11.5	11.8	24.1	0	23.3	27.6	74.82	0.7874	0	0	0	0	4.41	0	0	0	1.27	0.1772	0.0102	14.5	103	0.2227	45.34	0.0334	37.1	0.8765	0.03	0.7322	0						
05599	42	43	1		100	8.26	6.77	12.7	0	25.6	24.9	29.33	0.6998	0	0	0	0	6.38	0	0	0	0	0.1232	0.0107	21.7	121	0.1558	44.63	0.0197	34.6	0.6765	0.03	0.4804	0						
05600	43	44	1		200	7.8	5.42	12	0	15	29.6	21.99	0.7461	1	0	0	0	4.91	0	0	9.76	6.6	0.0626	0.0082	8.64	97	0.1522	38.14	0.0262	34.2	0.8018	0.03	0.4901	0						
05601	44	45	1		480	5.27	8.7	15.2	0	24.8	24.5	45.46	0.6804	0	0	0	0	0	0	0	24.4	0	0.1258	0.0085	14.5	108	0.1467	38.06	0.0182	32.4	0.7762	0.0291	0.4363	0						
05602	45	46	1		240	4.36	6.77	15	0	25.8	28.5	44.03	0.7544	0	0	0	0	1.98	0	0	19.5	0	0.1243	0.0154	11.5	88.3	0.1581	41.96	0.0262	32.4	0.8269	0.0264	0.5218	0						
05603	46	47	1		560	6.88	4.84	14.1	0	24.8	27.4	4.359	0.702	0	0	0	0	7.11	0	0	16.3	0	0.0393	0.0135	7.19	75.4	0.123	36	0.0264	33.7	0.6263	0.0224	0.4775	0						
05604	47	48	1		90	0	5.03	25.8	0	18.9	21.1	7.313	0.6342	0	0	0	0	6.35	0	0	0	0	0.0426	0.0083	15.9	43	0.1086	35.87	0.0169	30.7	0.4754	0.0206	0.3846	0						
05605	48	49	1		130	6.42	3.29	11	0	16.2	31.1	13.18	0.7077	0	0	0	0	3.65	0	0	24.4	0	0.1161	0.0109	21.7	60.2	0.1077	36.43	0.0063	25.8	0.4251	0.0173	0.2371	0						
05606	49	50	1		160	2.29	6.77	30.3	0	18.7	22.7	71.83	0.6232	0	0	0	0	4.64	0	0	3.25	1.3	0.0861	0.0123	11.6	64.5	0.0685	29.14	0.0067	27.3	0.5004	0.0131	0.1976	0						
05607	50	51	1		190	8.25	2.9	10.1	0	17	23.1	33.71	0.587	1	0	0	0	2.2	0	0	1.63	2.64	0.047	0.0089	10.1	81.8	0.0885	33.38	0.0132	26.7	0.4503	0.019	0.2608	0						
05608	51	52	1		220	9.4	12	127	0	21.9	29.9	17.58	0.6933	0	4	0	0	2.94	0	0	30.9	0	0.046	0.0115	8.67	58.1	0.0882	21.47	0.0075	22.3	0.4003	0.0164	0.2049	0						
05609	52	53	1		190	7.34	2.71	44.5	0	17.7	20.8	24.91	0.5271	0	0	0	0	3.18	0	0	0	0	0.0557	0.0083	5.77	64.5	0.0589	44.8	0.0057	22.1	0.4503	0.0144	0.2133	0						
05610	53	54	1		90	7.79	8.51	13.7	0	6.63	16.1	16.11	0.5012	0	0	0	0	0	0	0	13	0	0.0774	0.007	10.1	53.8	0.0832	23.28	0.0058	22.9	0.4003	0.0192	0.1783	0						
05611	54	55	1		80	6.12	4.25	33.3	0	24.4	32	73.75	0.7814	0	0	0	13.6	2.72	0	0	0	3.58	0.1013	0.0063	8.2	69.7	0.1595	41.69	0	34	0.3346	0.017	0.1821	0						
05612	55	56	1		120	5.78	3.24	17.8	0	25.2	23.3	53.27	0.7645	0	0	0	17.8	5.58	0	0	0	3.58	0.0682	0.009	10.8	65.6	0.1307	51.49	0	28	0.3686	0.0105	0.2049	0						
05613	56	57	1		160	29.9	4.02	21.8	0	26.3	32.2	44.73	0.9158	0	0	0	5.52	5.44	0	0	0	2.81	0.095	0.0134	9.74	69.4	0.1503	43.05	0	32.2	0.3407	0.0124	0.2313	0						
05614	57	58	1		120	9.45	5.61	38.4	0	24	18.6	34.09	0.728	0	0	0	14.6	3.94	0	0	1.24	2.81	0.0418	0.0075	10.5	70.1	0.0898	50.86	0	30.2	0.3578	0.01	0.2107	0						
05615	58	59	1		70	4.31	3.47	65.3	0	21.9	19.3	67.87	0.7302	0	0	0	9.53	3.61	0	0	0	3.32	0.0585	0.0095	8.97	40.9	0.1033	64.03	0	30	0.2846	0.0077	0.178	0						
05616	59	60	1		80	14.4	18.4	27.3	0	23.6	19.2	69.27	0.7365	0	0	0	4.57	7.04	0	0	13.3	3.83	0.1747	0.0097	10.5	72.1	0.1333	42.08	0	27.8	0.2618	0.0101	0.184	0						
05617	60	61	1		100	5.87	2.69	13.1	0	19.9	19.6	47.37	0.6267	0	0	0	6.66	3.28	0	0	0	3.07	0.0874	0.0074	12.3	56.1	0.1493	65.72	0	30.2	0.2852	0.0157	0.2127	0						
05618	61	62	1		130	42.2	4.56	20.9	0	48.1	53.2	55.35	1.79	0	0	0	0	4.78	0	0	0	4.35	0.1451	0.0089	8.2	58.7	0.1325	12.66	0	31.8	0.2324	0.0099	0.1914	0						
05619	62	63	1		50	10.4	4.66	14.7	0	24.8	23.9	60.67	0.8937	0	0	0	10.1	4.12	0	0	0	5.12	0.1014	0.0084	9.48	49.6	0.1884	30.93	0.0109	33	0.3817	0.015	0.2944	0						
05620	63	64	1		40	4.84	5.11	17.4	0	18.8	19.6	87.54	0.6785	0	0	0	11.8	4.54	0	0	0	7.17	0.1568	0.0103	11	56.1	0.2733	61.97	0.0312	32.8	0.5929	0.02	0.4828	0						

Appendix 5.2.7 - 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*
SX05003	173.17	90	-45	524872	5494706.7	1758	COMPLETE	5/16/2005	D. L. Pighin

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*
05621	64	65	1		120	14.5	4.61	13.6	0	24.7	23.9	24.21	0.7312	0	0	0	10.9	2.95	0	0	0	5.63	0.0652	0.0105	8.71	48.1	0.1933	52.49	0.0223	33.4	0.5021	0.018	0.4023	0						
05622	65	66	1		80	8.12	5.57	13.8	0	18.6	17.6	48.16	0.6349	0	0	0	9.75	3	0	0	0	5.89	0.0861	0.0071	9.74	53.8	0.1838	57.68	0.0112	35	0.4168	0.0198	0.3255	0						
05623	66	67	1		30	15	11	147	0.9597	20.6	19.9	84.46	0.7212	0	0	0	7.56	6.01	0.951	0	12.4	5.12	0.1467	0.0069	10.8	54.2	0.1811	58.04	0	31.4	0.2812	0.0186	0.2298	0						
05624	67	68	1		230	13.7	3.42	13.4	0	20.3	21.2	38.1	0.6491	0	0	0	3.16	3.66	0	0	0	3.58	0.0971	0.007	7.44	44.4	0.1136	39.04	0	28.9	0.2771	0.0146	0.2186	0						
05625	68	69	1		70	2.74	3.47	20.2	0	17.2	17.9	55.35	0.5591	0	0	0	9.47	3.8	0	0	0	5.37	0.1012	0.0076	11	39.8	0.1881	73.26	0.0083	31	0.3501	0.0199	0.2694	0						
05626	69	70	1		50	4.11	3.97	13	0	17	13.4	63.86	0.4705	0	0	0	7.65	4.69	0	0	0	4.35	0.139	0.0084	13.6	45.1	0.1643	47.76	0.0132	34.6	0.3878	0.0159	0.3119	0						
05627	70	71	1		190	25	2.92	19.7	0	22.5	21.9	68.67	0.6544	0	0	0	9.08	4.87	0	0	0	3.32	0.1729	0.0076	10	61	0.1135	36.83	0.0051	29	0.2681	0.0139	0.2174	0						
05628	71	72	1		470	5.29	2.51	4.67	0	22.1	11.2	1.861	0.4067	4	0	0	1.21	4.93	0	0	0	2.04	0.0532	0.01	7.44	57.6	0.025	62.86	0	26.8	0.2162	0.0094	0.1682	0						
05629	72	73	1		300	14	10.2	13.8	0	31.8	23.7	0	0.8818	6	0	0	3.75	3.05	0	0	11.6	3.07	0.0239	0.0061	6.92	60.7	0.0249	21.4	0	27.3	0.2345	0.0085	0.18	0						
05630	73	74	1		260	5.48	2.47	14.5	0	31.9	24.3	43.91	0.9222	6	0	0	0	5.53	0	0	0	3.32	0.1608	0.016	10.3	43.9	0.103	28.14	0	28.1	0.2867	0.0091	0.2344	0						
05631	74	75	1		140	30.9	2.46	14.1	0	37.8	35.9	6.39	1.344	0	0	0	0	2.25	0	0	0	0	0.0872	0.0156	7.69	50.1	0.037	12.32	0	24.6	0.2203	0.0071	0.1808	0						
05632	75	76	1		220	17.3	2.42	5.62	0	33.7	29.3	10.64	1.123	0	0	0	7.45	2.11	0	0	0	3.58	0.0926	0.0129	7.69	48.1	0.0741	16.76	0.0054	25.6	0.3018	0.0088	0.2323	0						
05633	76	77	1		50	7.14	3.84	11.7	0	21.4	19.6	31.13	0.728	0	0	0	12.6	2.25	0	0	0	3.84	0.0538	0.0093	10.8	41.7	0.1662	36.58	0.018	29.3	0.5103	0.0127	0.3882	0						
05634	77	78	1		80	3.77	4.25	17.4	0	24.7	21.1	23.68	0.7998	0	0	0	21.5	1.45	0	0	0	4.61	0.0351	0.0106	7.94	40.9	0.1992	29.21	0.0206	29	0.5414	0.0115	0.4194	0						
05635	78	79	1		180	7.63	4.66	25.3	0	24.3	20.2	17.03	0.7376	0	0	0	14.5	2.25	0	0	0	3.07	0.0545	0.0211	8.71	41.3	0.1754	30.77	0.0193	32.1	0.4681	0.0107	0.3527	0						
05636	79	80	1		40	8.22	4.43	17.3	0	30.5	28.4	57.21	1.167	4	0	0	9.03	3.98	0	0	0	5.37	0.1549	0.0168	14.9	39.4	0.2571	26.64	0.0305	38.2	0.5991	0.0122	0.4888	0						
05637	80	81	1		110	14.9	4.15	10.7	0	35.4	32.5	0	1.193	14	0	0	17.8	1.41	0	0	0	5.12	0.0514	0.0176	24.9	52.3	0.1647	18.65	0.0194	35.9	0.48	0.0112	0.3677	0						
05638	81	82	1		40	5.23	5.39	15.8	0	26.5	21.8	41.77	0.8416	2	0	0	16.8	2.06	0	0	0	4.35	0.1252	0.0111	29	55.7	0.2191	33.49	0.027	38.2	0.5666	0.0138	0.4406	0						
05639	82	83	1		150	6.31	4.79	16.5	0	23	18.5	38.85	0.7344	0	0	0	14.2	0	0	0	0	2.81	0.042	0.011	24.6	35.6	0.1946	38.15	0.0287	35.6	0.552	0.0192	0.4168	0						
05640	83	84	1		30	1.37	5.25	19	0	20.4	20.3	67.85	0.7794	0	0	0	10.2	2.76	0	0	0	6.4	0.1246	0.0157	34.9	38.6	0.2663	53.87	0.0517	36	0.6597	0.0165	0.5373	0						
05641	84	85	1		70	3.42	4.16	12.1	0	22.3	19.8	57.48	0.7672	0	0	0	8.31	2.86	0	0	0	4.35	0.1077	0.0094	19.7	47	0.1907	36.3	0.0305	35.7	0.4841	0.0166	0.382	0						
05642	85	86	1		10	4.79	4.66	17.1	0	28	23.7	117.1	0.9263	0	0	0	9.56	4.59	0	0	0	6.4	0.2855	0.0194	16.7	39	0.306	39.89	0.0407	36	0.6094	0.013	0.4952	0						
05643	86	87	1		20	8.46	5.25	15.8	0	23.7	20.2	63.33	0.771	0	0	0	13.7	2.44	0	0	0	5.89	0.1083	0.0164	11.3	43.2	0.2422	54.11	0.0387	33.3	0.5553	0.0156	0.4677	0						
05644	87	88	1		20	4.11	4.47	12.5	0	20.5	17.6	70.52	0.6696	0	0	0	9.48	2.72	0	0	0	3.58	0.1096	0.0091	8.97	35.2	0.1908	55.03	0.0291	32.1	0.4607	0.0191	0.3654	0						
05645	88	89	1		130	1.13	4.29	16.7	0	23.4	20.7	94.73	0.8185	0	0	0	11	2.72	0	0	0	5.89	0.1455	0.0147	9.48	31.8	0.2093	37.34	0.0285	34.6	0.498	0.0191	0.3972	0						
05646	89	90	1		50	13.4	3.56	15.9	0	24.7	25.5	88.87	0.9295	0	0	0	8.56	3.19	0	0	0	3.58	0.1228	0.0066	8.97	41.3	0.1812	31.89	0.0121	28.9	0.3694	0.0161	0.286	0						
05647	90	91	1		50	4.21	3.7	21.8	0	18.6	18.5	99.85	0.6304	0	0	0	12.5	4.74	0	0	1.66	3.07	0.1481	0.0087	9.23	41.7	0.1845	62.32	0.0074	29	0.3408	0.0206	0.23	0						
05648	91	92	1		20	6.14	4.79	14.9	0.8676	26.8	131	63.55	0.9074	0	0	0	8.7	2.58	0	0	0	3.63	0.1002	0.0063	10.5	30.2	0.2081	40.12	0.0312	34.8	0.4029	0.0706	0.2976	0						
05649	92	93	1		20	3.15	4.73	16.2	0.7711	22.9	102	62.25	0.7094	0	0	0	3.94	2.41	0	0	0	3.03	0.1168	0.009	11.6	35.3	0.1796	50.35	0.0223	38.2	0.4512	0.0779	0.3241	0						
05650	93	94	1		30	9.73	5.41	34.5	0.7711	21.9	99.1	70.39	0.6649	0	0	0	6.03	3.92	0	0	0	4.85	0.127	0.0134	10.2	32.7	0.2125	69.32	0.0112	39.9	0.5013	0.0872	0.3934	0						
05651	94	95	1		30	2.42	5.46	23.3	0	31.2	143	35.04	0.9303	0	0	0	20.7	2.24	0	0	0	5.15	0.0679	0.0075	9.29	31.9	0.2397	45.55	0	40.8	0.6047	0.0759	0.462	0						
05652	95	96	1		60	0	5.77	15.4	0	28.6	125	66	0.8596	0	0	0	10.5	3.75	0	0	0	5.46	0.1033	0.0095	13.4	37.5	0.2558	58.02	0	42.2	0.6329	0.0805	0.4909	0						
05653	96	97	1		40	10.8	6.14	202	0	28	136	49.43	0.8473	0	0	0	13.6	4.87	0	0	0	7.59	0.0876	0.0097	10.4	50	0.2689	52.33	0.0083	36.3	0.6327	0.0779	0.4858	0						
05654	97	98	1		150	0	6.92	56.2	0	27.7	117	59.13	0.7932	0	0	0	4.4	3.59	0	0	0	4.85	0.0808	0.0074	13.1	25	0.2473	59.41	0.0132	34.1	0.6047	0.0748	0.4812	0						
05655	98	99	1		90	2.7	6.71	32	0	24.5	97.7	93.53	0.6922	0	0	0	12.9	3.03	0	0	0	5.46	0.1444	0.0089	15.1	47.8	0.1962	70.96	0.0051	43.5	0.4799	0.1046	0.3815	0						
05656	99	100	1		10	1.24	4.53	14.4	0	25.1	112	62.25	0.756	0	0	0	16.6	2.58	0	0	0	3.33	0.0852	0.0084	9.29	25.9	0.2156	57.53	0	37.2	0.5458	0.0658	0.4456	0						
05657	100	101	1		10	0	7.39	21.7	0	24.8	111	56.31	0.7925	0	0	0	19.3	2.47	0	0	1.39	6.98	0.0599	0.0103	11	38.8	0.2157	62.42	0	36.2	0.5855	0.0853	0.4744	0						
05658	101	102	1		20	0	5.83	18.9	0	24.7	113	50.36	0.7828	0	0	0	9.96	2.75	0	0	2.79	4.85	0.0517	0.0105	10.7	33.2	0.2037	62.31	0	42.1	0.5758	0.0974	0.4644	0						
05659	102	103	1		20	8.55	6.04	14.3	0.7711	26.9	116	61.94	0.8789	0	0	0	7.99	2.13	0	0	0	5.46	0.0858	0.0071	9.29	47	0.1871	44.02	0	35.9	0.5358	0.0883	0.4324	0						
05660	103	104	1		20	62.9	10.5	13.9	0.5778	32.8	135	67.26	1.007	0	0	0	10	3.75	0	0	0	5.46	0.1191	0.0069	11	41.4	0.1923	35.59	0.0054	34.8	0.5168	0.0909	0.416	0						
05661	104	105	1		20	0	5.15	16.2	0	31.7	122	80.07	0.8533	0	0	0	7.65	4.31	0	0	0	5.76	0.141	0.007	9	34.9	0.2066	48.71	0.018	31.3	0.5058	0.0858	0.3973	0						
05662	105	106	1		40	3.15	6.5	17.4	0.9642	17.9	85.3	96.16	0.5895	0	0	0	4.54	9.31	0	0	0	4.55	0.2773	0.0076	12.5	50.9	0.1681	58.73	0.0206	26.9	0.3061	0.0835	0.2462	0						

Appendix 5.2.7 - 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
SX05004	136.6	270	-45	524654.3	5494235.1	1773	COMPLETE	5/17/2005	D. L. Pighin

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

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05663	19	20	1		50	1.69	3.17	91.1	0.5772	19.9	72.5	84.56	0.5598	0	0	0	6	5.22	0.678	0	0	1.81	0.132	0.0084	9.29	48.7	0.1294	33.61	0.0193	29.7	0.2567	0.0368	0.2095	0						
05664	20	21	1		80	12	3.43	31.9	1.545	32.9	153	95.21	1.185	0	0	0	2.95	7.63	0	0	0	4.85	0.3151	0.0076	14.8	49.2	0.2853	14.91	0.0305	34.9	0.2709	0.0385	0.2123	0						
05665	21	22	1		20	3.88	3.12	30.2	0	14.9	69.9	92.6	0.5243	0	0	0	3.84	3.92	0	0	0	4.24	0.2575	0.01	13.9	46.1	0.289	18.89	0.0194	35.3	0.3836	0.037	0.29	2.41						
05666	22	23	1		20	0	3.8	58.5	0	21	89.6	55.37	0.7719	0	0	0	9.22	1.12	0	0	0	3.94	0.0754	0.0061	9.87	51.3	0.2519	21.64	0.027	41.3	0.5036	0.0433	0.3953	0						
05667	23	24	1		20	0	3.9	29.5	0	17.7	63.7	52.55	0.5023	0	0	0	13.7	2.07	0	0	0	3.33	0.0829	0.016	15.4	42.2	0.2476	18.91	0.0287	36.7	0.4756	0.0438	0.3647	0						
05668	24	25	1		50	1.18	3.74	58.8	0	13.5	50.1	29.75	0.3704	0	0	0	6.07	1.35	0.534	0	0	0	0.038	0.0156	12.8	50.5	0.0784	19.1	0.0517	31.1	0.251	0.0375	0.194	0						
05669	25	26	1		30	2.19	8.53	97.2	1.448	12.9	58.3	29.41	0.4168	0	0	0	2.01	1.68	0.922	0	1.86	3.33	0.0374	0.0129	12.2	41.8	0.2504	20.83	0.0305	27.3	0.2934	0.0405	0.2224	0						
05670	26	27	1		20	0	3.28	17.6	0	15	71.8	33.16	0.4948	0	0	0	7.97	2.19	0	0	0	2.42	0.054	0.0093	11.6	39.2	0.3671	23.66	0.0407	30.8	0.2834	0.0446	0.2228	0						
05671	27	28	1		70	0	3.38	18.9	0.6745	12.8	68.2	98.86	0.4791	0	0	0	12.8	3.25	0	0	0	2.42	0.177	0.0106	12.8	42.7	0.5237	18.11	0.0387	32	0.2791	0.0357	0.2176	0						
05672	28	29	1		30	4.16	3.59	14.6	0	14.1	64.4	212.8	0.4738	0	0	0	5.77	7.12	0	0	0	4.55	0.721	0.0211	20.3	57.3	0.5752	10.92	0.0291	28.3	0.2261	0.0311	0.1915	0						
05673	29	30	1		50	6.19	3.8	20.8	1.932	14.7	71.9	117.1	0.5586	0	0	0	4.86	5.95	0	0	0	3.94	0.3729	0.0168	15.4	36.2	0.4688	16.42	0.0285	29.3	0.2925	0.0363	0.2275	0						
05674	30	31	1		20	2.25	2.5	16.4	0	15.2	71.7	75.78	0.5089	0	0	0	7.98	3.37	0	0	0	3.33	0.1882	0.0176	12.5	50.9	0.3856	19.91	0.0121	27.7	0.2404	0.0334	0.1899	0						
05675	31	32	1		20	1.58	2.96	18.2	0	14.8	73.5	113.1	0.5771	0	0	0	7.14	6.96	0	0	0	1.2	0.3528	0.0111	13.7	36.7	0.4228	13.73	0.0074	29.4	0.2103	0.0322	0.1768	0						
05676	32	33	1		20	2.08	3.59	18.5	0	14.3	77.3	137	0.6039	0	0	0	12.3	3.59	0	0	0	3.94	0.3008	0.011	14.2	33.6	0.5713	19.61	0	29.4	0.2804	0.0388	0.2207	0						
05677	33	34	1		30	2.42	7.02	123	0	18.3	75.4	106	0.6078	0	0	0	9.04	2.86	0.856	0	0	6.37	0.243	0.0157	14.5	50	0.6366	20.93	0	39.1	0.7802	0.0496	0.5415	0						
05678	34	35	1		20	23.8	6.82	15.1	0	15.8	65.3	46.3	0.5051	0	0	0	15.8	2.24	0	0	0	3.33	0.0597	0.0094	12.2	54.3	0.4449	34.2	0	34.2	0.5491	0.0538	0.3956	0						
05679	35	36	1		90	2.65	4.32	22.6	0	14.1	58.3	105.8	0.4304	0	0	0	0	8.63	0	0	0	4.85	0.251	0.0194	17.7	51.3	0.4417	37.31	0	32.8	0.4105	0.0445	0.2848	0						
05680	36	37	1		270	2.64	3.07	23.5	0	17.7	81.1	91.05	0.5581	0	0	0	0	4.26	0	0	0	2.12	0.15	0.0164	12.8	44	0.4891	30.69	0.01	30.5	0.3184	0.0408	0.2346	0						
05681	37	38	1		30	2.36	5.1	25.6	0.5776	13.4	71	64.16	0.4691	0	0	0	8.22	5.16	0	0	0	3.03	0.1144	0.0091	15.7	47.8	0.3742	30.22	0.01	31.4	0.4119	0.0495	0.2822	0						
05682	38	39	1		110	1.41	3.59	11.9	0	12.6	84.2	37.25	0.479	0	0	0	12.2	1.52	0	0	0	1.2	0.0657	0.0147	14.8	41.4	0.3872	23.66	0	28.9	0.3954	0.0448	0.2707	0						
05683	39	40	1		50	3.71	4.99	15.4	0	19.7	92.3	112	0.6821	0	0	0	6.35	6.72	0	0	0	5.15	0.2663	0.0066	15.7	49.1	0.5412	30.97	0	31.8	0.4583	0.0537	0.3184	0						
05684	40	41	1		140	0	4.37	32.7	0	18.5	80.6	75.72	0.6205	0	0	0	4.74	2.63	0	0	0	1.51	0.0565	0.0087	9.58	46.1	0.4064	23.59	0	29	0.315	0.0406	0.2271	0						
05685	41	42	1		40	0	4.58	12.1	0	11.5	60.7	46.04	0.4247	0	0	0	5.17	2.64	0	0	0	2.72	0.0338	0.0134	12.8	48.8	0.4241	17.19	0.0223	27.3	0.2946	0.0391	0.2135	0						
05686	42	43	1		20	6.98	4.37	10.4	0	11	74.7	37.27	0.4541	0	0	0	6.2	2.19	0	0	0	1.5	0.0319	0.0075	11.9	33.2	0.3335	21.76	0.0112	31.6	0.29	0.041	0.214	0						
05687	43	44	1		50	0	4.47	10.9	1.835	14.6	72.8	31.62	0.4633	0	0	0	8	3.31	0	0	0	2.72	0.0351	0.0095	18	37.5	0.3128	31.71	0	30.9	0.3561	0.0479	0.2438	0						
05688	44	45	1		50	1.07	6.5	10.1	0.7709	15.2	61.2	11.89	0.4288	0	0	0	0	2.47	0	0	0	2.42	0.0412	0.0097	17.7	47	0.2487	22.28	0	32.2	0.4002	0.0486	0.2675	0						
05689	45	46	1		70	2.19	8.63	40.1	0	16.6	57.8	11.27	0.392	0	0	0	7.32	1.52	0	0	0	1.5	0.0207	0.0074	11	62.1	0.063	17.45	0.0083	30.3	0.3436	0.0412	0.2291	0						
05690	46	47	1		20	0	5.2	19.1	0.9645	8.46	18.3	0	0.1567	0	0	0	7.67	1.79	0	0	0	2.42	0.0281	0.0089	21.2	54.7	0.021	21.71	0.0132	26.9	0.314	0.041	0.2222	0						
05691	47	48	1		820	4.73	15.8	22.6	0.9644	25.2	32.5	0	0.2338	2	0	0	2.99	25.9	0.719	0	0	1.2	0.0392	0.0084	22.1	102	0.0297	18.49	0.0051	26.6	0.3216	0.0427	0.2177	3.65						
05692	48	49	1		650	3.77	23.6	28.3	0.7707	19.2	26.5	5.949	0.2152	1	0	0	0	58.4	0	0	0	3.02	0.0523	0.0103	13.1	99.6	0.0324	34.92	0	30	0.2096	0.0344	0.1497	2.57						
05693	49	50	1		40	1.8	3.33	6.8	0	7.31	24.1	0	0.152	0	0	0	6.36	4.21	0	0	0	0	0.0132	0.0105	17.4	59.5	0.0134	9.453	0	30.4	0.2097	0.1024	0.16	1.82						
05694	50	51	1		40	1.12	2.18	7	0	7.31	27.3	21.9	0.1958	0	0	0	2.24	5.94	0	0	0	1.81	0.0815	0.0071	7.84	58.2	0.0526	15.82	0	32.8	0.2023	0.0872	0.1567	0						
05695	51	52	1		20	1.58	4.37	9.64	0	22.6	102	36.94	0.7391	0	0	0	7.78	3.93	0	0	0	1.81	0.0622	0.0069	9.29	57.8	0.4267	20.4	0	29.8	0.3884	0.0456	0.2808	0						
05696	52	53	1		30	2.65	2.55	22.4	0	15.7	63.2	50.11	0.426	0	0	0	6.42	5.27	0	0	0	3.63	0.0793	0.007	10.2	81.5	0.2623	17.89	0	32.5	0.3086	0.0408	0.2317	0						
05697	53	54	1		10	0	3.74	15	0	14.9	98.1	46.61	0.5559	0	0	0	10.7	1.96	0	0	0	2.42	0.0254	0.0076	11.3	27.1	0.4121	18.63	0	29.6	0.3331	0.0434	0.2579	0						
05698	54	55	1		130	0	3.69	15.9	1.158	15.7	92.9	66.63	0.5037	0	0	0	8.8	3.53	0	0	0	2.12	0.0642	0.0084	9.87	28	0.3368	33.55	0	32.4	0.3144	0.0393	0.2398	0						
05699	55	56	1		80	1.29	3.07	13.8	1.158	15.5	65.7	35.39	0.4542	0	0	0	4.85	3.54	0	0	0	1.81	0.0703	0.0076	10.5	38.4	0.2666	15.77	0	28.7	0.2989	0.0421	0.2352	0						
05700	56	57	1		30	0	3.17	9.14	0	13.5	72.2	23.8	0.4329	0	0	0	11.3	2.69	0	0	0	0	0.0552	0.01	11	30.2	0.2881	34.98	0	28.5	0.2911	0.0425	0.2351	0						
05701	57	58	1		40	0	3.02	12.5	0.8677	10.1	65.5	29.73	0.3084	0	0	0	11.8	4.82	0	0	0	3.33	0.1029	0.0061	13.1	38.4	0.1397	25.3	0.0109	24.2	0.3248	0.0411	0.2565	0						
05702	58	59	1		20	1.18	6.29	6.52	0.7707	13	66	29.75	0.3512	0	0	0	12.6	5.22	0	0	0	2.11	0.1097	0.016	11	39.3	0.1105	19.43	0.0312	26.9	0.2735	0.037	0.2193	0						
05703	59	60	1		30	0	4.99	8.27	0.5777	11.4	76.9	35.36	0.3812	0	0	0	13	4.15	0	0	0	3.03	0.0844	0.0156	8.13	29.7	0.2479	35.95	0.0223	26.4	0.3363	0.041	0.2677	0						
05704	60	61	1		20	0	3.75	8.18	0	13.7	94.6	24.72	0.4403	0	0	0	12.7	2.41	0	0	0	2.42	0.081	0.0129	11.3	19	0.2598	29.7	0.0112	28.4	0.3437	0.0428	0.2686	0						
05705	61	62	1		100	2.93	3.8	10.1	0	13.4	84.7	54.47	0.4186	0	0	0	0	7.62	0	0	0	1.51	0.1982	0.0093	13.9	36.2	0.2555	49.95	0	27.1	0.3712	0.0399	0.2659	0						
05706	62	63	1		320	2.64	5.78	18.2	0	17.3	63.6	65.71	0.3976	0	0	0	0	8.74	0	0	0	3.33	0.2089	0.0106	15.4	48.7	0.1914	41.01	0	25.6	0.307	0.0379	0.2427	0						
05707	63	64	1		70	2.64	3.59	9	1.158	13.7	80	31.59	0.5002	0	0	0	7.63	4.37	0	0	0	2.72	0.1271	0.0211	13.4	35.8	0.3158	62.11	0.0083	27.3	0.4313	0.0472	0.3218	0						
05708	64	65	1		430	0	3.95	10.1	0	18	75	36.28	0.5091	0	0	0	9.56	2.63	0	0	0	2.72	0.066	0.0168	11.6	42.2	0.4135	39.97	0.0132	28.4	0.4293	0.0429	0.322	0						
05709	65	66	1		60	0	4.16	53.5	1.158	13	80.7	56.31	0.5044	0	0	0	0	1.4	0	0	0	2.12	0.0293	0.0176	7.83	40.9	0.3612	33.18	0.0051	34.7	0.4119	0.0437	0.2995	0						
05710	66	67	1		90	4.33	8.95	18.8	0	21	92.1	72.61	0.6421	0	0	0	4.49	3.31	0	0	0	2.11	0.0662	0.0111	9.29	27.6	0.4003	29.73	0	32	0.3181	0.0407	0.2519	0						
05711	67	68	1		70	0	3.9	13.2	0	14.5	76	63.19	0.5585	0	0	0	7.65	4.31	0	0	0	2.12	0.1142	0.011	12.5	30.2	0.4483	42.26	0	30.4	0.3746	0.046	0.2793	0						
05712	68	69	1		40	1.24	3.75	11.9	1.158	17	79.9	55.71	0.5673	0	0	0	8	3.31	0	0	0	2.42	0.0833	0.0157	13.9	29.7	0.4046	35.62	0	29.6	0.3662	0.0408	0.2592	0						
05713	69	70	1		80	1.8	3.95	13.8	0	15	74	76.33	0.5559	0	0	0	5.04	3.03	0	0	0	4.24	0.1113	0.0094	12.8	26.7	0.3647	40.49	0	27.6	0.3449	0.0404	0.2812	0						
05714	70	71	1		90	5.35	8.22	57.3	0.8674	23.4	110	90.52	0.814	0	0	0	5.98	2.81	0.566	0	0	2.11	0.065	0.0194	9.29	27.6	0.5293	30.77	0.0054	30.6	0.2563	0.0359	0.2089	0						
05715	71	72	1		90	0	4.01	14.2	0	17.3	85.2	76.66	0.6288	0	0	0	0	2.52	0	0	0	1.81	0.0569	0.0164	9.29	45.3	0.4316	38.59	0.018	35.6	0.3057	0.0446	0.2373	0						
05716	72	73	1		140	1.69	13.6	20.2	1.061	21	90.5	89.27	0.6726	0	0	0	4.24	6.45	0	0	0	2.11	0.0687	0.0091	9.88	26.8	0.4642	75.37	0.0206	29.9	0.2856	0.038	0.2246	0						
05717	73	74	1		140	4.17	37	236	0.5771	22.3	101	338.9	0.6898	0	0	0	11.4	17	0	0	0	3.33	0.241	0.0147	12.5	36.7	0.4619	101.4	0.0193	33.1	0.2727	0.0373	0.2219	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05718	74	75	1		40	0	9.42	17.5	0	19.8	104	81.96	0.7705	0	0	0	17.6	3.47	0	0	0	6.67	0.0547	0.0066	9.87	36.6	0.7807	37.41	0.0305	49.1	0.8682	0.0565	0.7083	0						
05719	75	76	1		40	0	7.7	15.3	0	17.4	81.8	78.83	0.6093	0	0	0	11.5	2.02	0	0	0	5.16	0.065	0.0087	13.4	37.9	0.6216	32.92	0.0194	42.1	0.8597	0.0492	0.7048	0						
05720	76	77	1		40	0	9	17.5	0	24.2	113	61.94	0.8762	0	0	0	14.7	2.91	0	0	0	7.89	0.0666	0.0155	10.4	35.3	0.6683	38.78	0.027	40.7	1.02	0.0497	0.8785	0						
05721	77	78	1		50	8.55	5.83	11.5	0	25.3	120	57.87	0.8185	0	0	0	9.62	4.93	0	0	0	4.85	0.1929	0.0063	13.4	33.2	0.3136	30.33	0.0287	36.8	0.559	0.0402	0.4835	0						
05722	78	79	1		60	4.05	10.1	17.5	0	31	120	67.25	0.9371	0	0	0	15.1	6.72	0	0	0	9.71	0.2505	0.0095	38.3	50.4	0.3613	77.42	0.0387	40.1	1.093	0.0759	0.7257	0						
05723	79	80	1		130	16.7	28.2	55.6	0	33.9	137	97.91	1.055	0	0	0	11.2	11.6	0.583	0	23.2	10.6	0.3699	0.0097	35.4	74.5	0.3723	66.87	0.0291	40.9	0.8974	0.0724	0.5889	0						
05724	80	81	1		450	16	7.54	18.6	0	34.6	155	58.18	1.104	0	0	0	5.13	7.67	0	0	0	7.28	0.1961	0.0074	29.3	51.3	0.3086	61.66	0.0285	39.6	0.9278	0.0711	0.6056	0						
05725	81	82	1		110	5.34	9.47	30.7	0	31.2	134	67.57	1.062	0	0	0	14.1	7.23	0	0	0	12.1	0.224	0.0089	35.4	70.2	0.3864	74.58	0.0121	41.5	1.191	0.088	0.7992	0						
05726	82	83	1		50	5.4	8.79	15	0.5778	34.8	174	46.93	1.155	0	0	0	11.2	5.49	0	0	0	10.6	0.1467	0.0084	30.5	62.9	0.5272	66.7	0.0074	50.9	1.178	0.0799	0.8037	0						
05727	83	84	1		110	1.41	8.74	14.1	0	26.1	137	58.19	1.015	0	0	0	15	7.06	0	0	0	8.19	0.2261	0.0103	34.3	78.8	0.4913	73.24	0	51.3	0.9797	0.0778	0.6327	0						
05728	84	85	1		40	5.01	81.9	21	0	24.6	134	103.5	0.8871	0	0	0	12.2	8.68	0	0	0	6.37	0.2134	0.0105	34.3	52.1	0.6698	98	0	53.5	0.7215	0.0715	0.4734	0						
05729	85	86	1		30	0	7.39	27.5	0	26.4	134	116.4	1.029	0	0	0	14.1	5.83	0	0	0	6.37	0.1383	0.0071	33.7	54.7	0.6157	75.75	0	57.6	0.8806	0.0801	0.5581	0						
05730	86	87	1		60	1.57	7.7	37.1	0	23.5	134	101.4	0.9153	0	0	0	11.4	3.64	0	0	0	5.46	0.1218	0.0069	41.2	46.5	0.4677	60.66	0.01	57	0.8512	0.0741	0.5298	0						
05731	87	88	1		90	3.21	10.1	31.5	0	23.7	120	112.6	0.9179	0	0	0	9.81	6.83	0	0	0	7.28	0.1622	0.007	42.1	70.2	0.448	69.84	0	45.5	1.139	0.0963	0.7024	0						
05732	88	89	1		160	8.49	13.2	32.8	0	29.9	129	120.4	0.9748	0	0	0	12.6	8.74	0	0	0	8.19	0.2537	0.0076	44.4	75.8	0.5473	87.46	0.012	42.3	1.38	0.0854	0.908	0						
05733	89	90	1		110	2.81	8.11	38.9	0	27.2	123	101.1	0.9148	0	0	0	6.16	8.46	0	0	0	9.72	0.2302	0.0084	34.6	65.1	0.4368	91.1	0	43.3	1.062	0.0858	0.7514	0						
05734	90	91	1		60	3.82	10.2	23.5	0	26	116	124.8	0.9139	0	0	0	10.9	7.34	0	0	0	17.9	0.437	0.0076	38	95.7	0.3703	89.24	0	42.8	1.162	0.148	0.7728	0						
05735	91	92	1		50	31.3	16	120	0	90.6	400	641.6	3.355	0	0	0	0	30.5	0.961	0	0	145	1.556	0.01	38.3	73.7	1.699	36.07	0.02	44.2	2.337	0.1879	0.7492	0						
05736	92	93	1		70	66.6	19.7	145	0	109	428	761.4	3.957	0	0	0	0	40.1	1.09	0	0	192	1.789	0.0061	32.2	80.6	1.947	26.12	0	41.5	2.858	0.3823	0.5957	0						
05737	93	94	1		280	27.3	12.4	66.8	0	65.7	273	391.4	2.316	0	0	0	3.49	22.1	0.667	0	0	76.5	1.111	0.016	43.5	84.3	0.8599	91.01	0.0109	43.6	1.71	0.1699	1.159	0						
05738	94	95	1		570	13.1	6.24	28.4	0	23.9	117	114.8	0.9145	0	0	0	7.46	9.75	0	0	0	11.8	0.2466	0.0156	33.7	55.6	0.3541	85.4	0	45.2	0.8722	0.0827	0.6932	0						
05739	95	96	1		50	1.69	6.04	13.3	0	31.8	135	69.45	1.311	0	0	0	7.7	6.61	0	0	0	7.59	0.153	0.0129	23.8	59.5	0.2514	48.72	0	44	0.5662	0.0737	0.471	0						
05740	96	97	1		820	2.98	8.95	33.2	0	20.7	108	71.01	0.9049	0	0	0	14.4	6.39	0.538	0	0	13.4	0.1403	0.0093	33.7	55.6	0.2754	95.97	0	41.7	1.003	0.1154	0.7477	0						
05741	97	98	1		170	11.8	8.95	26.7	0	29.3	26.1	108	1.132	0	0	0	9.18	4.29	0	0	0	9.64	0.1654	0.0077	19.2	65.4	0.3577	16.67	0.0653	37.7	0.9286	0.0244	0.7061	0						
05742	98	99	1		130	18.3	8.86	27.4	0	21.7	20.7	74.14	0.8891	0	0	0	13.1	4.09	0	0	0	10.7	0.1207	0.0099	29.4	66.9	0.2935	69.9	0.0631	36	0.915	0.0353	0.6582	0						
05743	99	100	1		250	12.3	7.47	20.5	0	24.9	21.3	66.92	0.8832	0	0	0	9.44	4.53	0	0	0	10.4	0.1609	0.011	28.9	60.8	0.2944	78.88	0.0547	33.5	0.8527	0.0231	0.6247	0						
05744	100	101	1		130	3.59	7.43	22.6	0	25.4	25	74.91	1.027	0	0	0	17.1	3.41	0	0	0	11	0.0822	0.0102	26.5	56.9	0.2856	70.7	0.0662	37.3	0.9089	0.0256	0.6709	0						
05745	101	102	1		50	2.74	7.66	18.3	0	22.9	22	52.88	0.9056	0	0	0	16.9	3.9	0	0	0	10.4	0.0703	0.0067	27.4	54.6	0.2758	61.87	0.0724	35.1	0.9085	0.0275	0.6575	0						
05746	102	103	1		70	4.82	7.8	23.1	0	24	21.3	64.72	0.8777	0	0	0	17.1	3.51	0	0	0	11.2	0.0792	0.0078	25.3	56.1	0.3302	66.31	0.0744	40.5	0.9202	0.0301	0.6962	0						
05747	103	104	1		40	0	6.37	17.6	0	24	22.3	86.75	0.9653	0	0	0	17.7	5.7	0	0	2.06	12.3	0.2091	0.0113	26	51.9	0.2864	56.82	0.0643	36.5	0.734	0.0191	0.5498	0						
05748	104	105	1		60	3.21	8.07	33.5	0	22.2	22.7	110.4	0.9418	0	0	0	17.1	7.16	0	0	0	10.4	0.228	0.013	31	65.4	0.3029	71.62	0.0599	39.8	0.9803	0.0197	0.6305	0						
05749	105	106	1		90	2.36	6.92	18.5	0	23.2	19.2	91.98	0.7648	0	0	0	9.65	9.74	0	0	0	7.76	0.162	0.0097	29.3	51.5	0.2396	83.19	0.0438	39.2	0.8412	0.0175	0.508	0						
05750	106	107	1		40	2.46	7.01	16.6	0	21.1	18.3	66.92	0.748	0	0	0	11.4	3.99	0	0	0	11	0.1263	0.0068	33.4	64.6	0.2511	85.29	0.0622	36.1	0.9146	0.0331	0.6265	0						
05751	107	108	1		30	3.83	9.55	105	0	30.9	27.4	114.6	1.135	0	0	0	17.4	5.45	0.835	0	2.47	11.2	0.1639	0.0204	31.5	74.2	0.3224	85.5	0.0721	40.1	1.049	0.0309	0.7428	0						
05752	108	109	1		40	4.96	9.14	23.1	0	26.2	25	84.55	1.083	0	0	0	16.9	2.97	0	0	0	13.9	0.104	0.012	28.6	70	0.319	91.93	0.0812	39.1	1.068	0.0351	0.7738	0						
05753	109	110	1		20	1.56	7.61	25.3	0	25.7	27.3	92.27	1.175	0	0	0	17.7	5.55	0	0	0	10.7	0.2086	0.0259	43.5	38.1	0.366	60.63	0.0923	42.2	0.9888	0.0171	0.7527	0						
05754	110	111	1		130	3.45	10.6	57.2	0	27.1	24.4	160	1.088	0	0	0	23.3	7.4	0	0	0	10.4	0.3504	0.0299	44	46.1	0.444	106	0.0874	35.8	1.351	0.0233	0.9389	0						
05755	111	112	1		50	5.2	8.35	80.5	0	24.8	22.3	115.1	0.8526	0	0	0	8.022	6.23	0.669	0	0	10.2	0.1652	0.0098	26.2	59.2	0.3527	107	0.0626	37.8	0.7841	0.0214	0.5814	0						
05756	112	113	1		150	13.8	6.87	22.8	0	24.6	24.6	64.99	0.9625	0	0	0	11.9	9.2	0	0	0	9.37	0.1984	0.0133	30.1	68.4	0.2213	37.39	0.0328	35.2	0.9185	0.0267	0.5472	0						
05757	113	114	1		110	4.58	8.35	39.7	0	27.1	22.6	69.13	0.884	0	0	0	7.11	7.16	0	0	0	11.5	0.1384	0.0197	28.4	78.4	0.2648	91.6	0.0506	38	0.9619	0.0321	0.6488	0						
05758	114	115	1		280	28.9	4.66	24	0.5046	30.9	26.9	73.81	1.183	0	0	0	7.29	4.72	0	0	0	5.35	0.1285	0.0198	20	55.4	0.1976	13.11	0.015	30.6	0.545	0.0197	0.3611	0						
05759	115	116	1		50	6.09	18.3	26.7	0	25.3	24.8	130	1.026	0	0	0	8.06	9.35	0	0	8.66	7.76	0.2739	0.0095	31.5	61.5	0.2932	68.14	0.0119	35.3	0.5215	0.0262	0.3446	0						
05760	116	117	1		40	4.2	6	17.7	0	24.4	22.9	38.01	0.9236	0	0	0	1.562	4.09	0	0	0	5.08	0.0833	0.0082	28.4	50	0.2114	80.23	0.0151	33.7	0.5201	0.0226	0.3505	0						
05761	117	118	1		70	4.44	43.5	179	0	26.5	23.3	74.91	0.9319	0	0	0	7.91	5.89	1.71	0	0	8.83	0.1098	0.0144	28.9	65	0.2073	77.2	0.0213	35.2	0.739	0.0247	0.4588	0						
05762	118	119	1		80	3.54	12.1	20	0	26.1	24.2	80.41	1.004	0	0	0	14.6	8.62	0	0	0	10.7	0.2036	0.0181	27.9	74.6	0.2899	33.12	0.0359	36.3	0.845	0.03	0.5591	0						
05763	119	120	1		120	2.88	6.64	16.2	0	26.1	23.7	70.23	0.9523	0	0	0	14.8	6.97	0	0	0	9.91	0.2402	0.0171	30.8	60.8	0.253	76.97	0.0315	37.5	0.6003	0.0295	0.4107	0						
05764	120	121	1		140	2.36	3.6	15.3	0	25.3	21.4	54.01	0.8318	0	0	0	6.393	5.07	0	0	0	6.42	0.1306	0.0116	28.4	43.9	0.2703	68.76	0.0182	33.8	0.3484	0.0149	0.2371	0						
05765	121	122	1		110	2.93	7.71	19.5	0	22.2	18.9	78.77	0.7614	0	0	0	6.407	11.5	0	0	4.54	5.89	0.2892	0.0072	32.7	53.1	0.2182	91.16	0.0109	32.5	0.4923	0.0268	0.3196	0						
05766	122	123	1		40	2.41	4.98	17.2	0	19.2	18.9	73.81	0.7502	0	0	0	7.2	7.89	0	0	0	5.62	0.282	0.0086	30.8	56.9	0.2335	81.62	0.0128	34.4	0.5233	0.03	0.3255	0						
05767	123	124	1		190	3.87	5.44	33.4	0	24.8	20.9	58.67	0.9014	0	0	0	7.77	7.26	0	0	0	8.3	0.2002	0.0126	25.3	66.9	0.2018	56.12	0.012	31.4	0.5449	0.0267	0.3509	0						
05768	124	125	1		340	5.95	5.68	16	0	31.1	21.2	60.04	0.9105	0	0	0	6.53	4.92	0	0	4.95	7.49	0.1197	0.0086	24.8	56.1	0.1841	68.13	0.0132	29.7	0.4777	0.0226	0.3101	0						
05769	125	126	1		90	2.03	5.77	15.9	0	26.1	22.4	42.97	0.9293	0	0	0	6.56	4.82	0	0	0	7.49	0.1349	0.0071	30.3	50	0.2178	61.84	0.0153	31.1	0.5172	0.024	0.339	0						
05770	126	127	1		160	14.9	5.26	14.5	0.5608	26.6	25.8	131.9	1.008	0	0	0	6.18	9.79	0	0	0	6.15	0.4012	0.0083	28.9	54.2	0.2671	60.4	0.0111	27.1	0.5214	0.0206	0.3468	0						
05771	127	128	1		140	4.39	5.91	18.3	0	25	22.1	137.1	0.9027	0	0	0	3.08	10.7	0	0	0	7.76	0.3676	0.0145	34.6	56.5	0.3126	83.42	0.0224	33.1	0.6016	0.0239	0.3995	0						
05772	128	129	1		130	4.16	10.3	27.8	0	24.6	19.6	84.28	0.806	0	0	0	10.7	6.92	0	0	0	8.57	0.2432	0.015	32.5	56.1	0.2332	76.78	0.0154	33.2	0.5144	0.0264	0.3286	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05773	129	130	1		270	2.12	5.26	14.7	0	30.4	23.9	32.5	0.9906	0	0	0	8.1	5.36	0	0	0	7.76	0.1046	0.0136	30.3	61.1	0.2298	52	0.02	33.2	0.6207	0.0252	0.3951	0						
05774	130	131	1		160	0	6	19.6	0	26.9	24.9	69.68	1.05	0	0	0	6.406	6.58	0	0	0	9.91	0.1636	0.0133	30.3	88.4	0.221	12.91	0.0202	35.9	0.7351	0.0362	0.4277	0						
05775	131	132	1		220	1.09	5.91	26.9	0	25.6	20.9	56.46	0.8596	0	0	0	11.8	5.75	0	0	0	8.57	0.1151	0.0105	34.4	64.2	0.2561	80.6	0.0319	36.7	0.6453	0.0324	0.4056	0						
05776	132	133	1		210	3.4	7.7	18	0	22	19.2	81.8	0.7531	0	0	0	8.15	10.1	0	0	2.89	9.37	0.2706	0.0069	34.2	96.5	0.2305	81.12	0.0223	37.4	0.5525	0.0306	0.3363	0						
05777	133	134	1		270	3.17	5.35	19.1	0	20.5	16.1	97.07	0.5998	0	0	0	2.58	12.1	0	0	0	3.74	0.2257	0.0096	27.9	62.4	0.1907	195.7	0.0082	33.7	0.2612	0.0159	0.1657	0						
05778	134	135	1		370	4.16	12.2	40	0	28.6	20.9	340.4	0.84	0	0	0	10.6	15.7	0	0	0	6.69	0.2576	0.0076	31.7	86.9	0.1951	19.47	0.0128	32.6	0.6206	0.0219	0.3537	0						
05779	135	136	1		140	49.8	10.7	15.7	0	21.2	17.1	94.8	0.7071	0	0	0	15.7	14.2	0	0	0	8.3	0.3485	0.0071	27.2	119	0.1657	38.58	0.0096	34.4	0.579	0.0182	0.2215	0						
05780	136	137	1		110	7.75	6.87	17.8	0	25	22.5	106.9	0.9668	0	0	0	8.01	10.5	0	0	0	8.83	0.3013	0.0172	30.8	76.1	0.2825	15.85	0.0109	36.4	0.6881	0.0187	0.3538	0						
05781	137	138	1		580	3.16	4.94	14.4	0	26.1	16	70.23	0.6645	0	0	0	6.02	11.2	0	0	0	7.76	0.2693	0.0083	27.9	101	0.1761	18.86	0.0121	34.8	0.5456	0.0328	0.3368	0						
05782	138	139	1		170	0	5.03	15.3	0	29.5	24.7	33.6	1.028	0	0	0	16	5.65	0	0	0	10.2	0.0629	0.011	34.4	85.7	0.2772	91.86	0.0222	37.6	0.5822	0.0273	0.3611	0						
05783	139	140	1		730	3.54	5.12	149	0	33.4	21.4	85.37	0.8796	0	0	0	3.4	11.7	1.05	0	0	10.4	0.2282	0.0148	31	87.3	0.2608	48.07	0.0193	36.5	0.6	0.0257	0.3872	0						
05784	140	141	1		440	2.27	5.03	28.6	0	26.4	20.9	113.7	0.8199	0	0	0	5.1	8.91	0	0	0	9.91	0.2328	0.0103	30.3	84.6	0.2694	102.7	0.0183	36.3	0.3838	0.0179	0.2638	0						
05785	141	142	1		350	2.83	5.44	14.6	0	23.9	18.8	53.43	0.7147	0	0	0	5.78	7.99	0	0	0	8.57	0.1646	0.0114	26.7	83.8	0.2092	69	0.0203	33.4	0.4638	0.0225	0.323	0						
05786	142	143	1		200	2.31	6.69	14.2	0	29.4	22.6	54.53	0.946	0	0	0	6.85	8.86	0	0	0	9.64	0.1972	0.0102	30.1	92.7	0.2402	41.44	0.0146	35	0.6062	0.027	0.407	0						
05787	143	144	1		200	11.6	5.72	13	0	29.9	24.5	79.6	0.9857	0	0	0	12.4	10.8	0	0	0	9.1	0.2288	0.0122	25	81.1	0.2512	32.05	0.0217	37.2	0.5742	0.0247	0.3888	0						
05788	144	145	1		380	19.8	6.09	11.1	0.5608	29.9	23	37.73	0.9147	0	0	0	8.43	7.35	0	0	0	7.49	0.1191	0.0104	23.1	66.5	0.2029	20.12	0.0219	35.2	0.6335	0.0224	0.4115	0						
05789	145	146	1		220	5.81	6.04	16.6	0	28	21.8	63.65	0.8421	0	0	0	7.56	8.82	0	0	0	5.08	0.1457	0.0059	21.7	68.9	0.1962	15.72	0.0079	29.8	0.4776	0.0119	0.229	0						
05790	146	147	1		500	5.58	4.43	11.2	0	25.1	15.9	20.67	0.5983	0	0	0	3.46	9.65	0	0	0	5.89	0.0886	0.0076	19.2	101	0.1431	18.35	0.0052	32.3	0.5288	0.0107	0.2387	0						
05791	147	148	1		300	9.31	6.09	17	0	24.6	18.8	108	0.7717	0	0	0	6.2	13.6	0	0	0	5.62	0.4049	0.0093	25.3	68.5	0.2682	17.29	0.0068	33.8	0.5065	0.0104	0.2396	0						
05792	148	149	1		350	16.1	9.5	28	0.6732	24.5	21.5	146.2	0.8498	0	0	0	0	14	0	0	2.47	5.62	0.492	0.0138	22.8	75	0.3293	17.85	0.0058	36.3	0.3384	0.0094	0.202	0						
05793	149	150	1		280	3.59	7.57	23.2	0	26.6	21.5	106.3	0.9105	0	0	0	8.7	12.4	0	0	0	12.3	0.4113	0.0245	27.9	74.6	0.4462	19.74	0.0456	36.5	0.8817	0.0155	0.5721	0						
05794	150	151	1		260	5.29	6.32	17.8	0	27.1	20.7	79.04	0.8818	0	0	0	5.94	7.55	0	0	0	9.37	0.3255	0.0128	21.4	81.5	0.3307	24.89	0.0597	43.6	0.7303	0.0155	0.5389	0						
05795	151	152	1		360	6.76	7.8	18.8	0	21.8	17.6	77.12	0.7482	0	0	0	9.65	8.77	0	0	0	10.7	0.2584	0.0177	31	86.5	0.3233	79.83	0.0579	38.6	0.9557	0.0253	0.6877	0						
05796	152	153	1		160	22.3	10.7	24.1	0.8417	29.8	27.8	69.68	1.073	0	0	0	10.8	9.55	0	0	2.47	7.49	0.196	0.0133	20	95.4	0.2788	20.08	0.0272	36	0.5844	0.0134	0.4184	0						
05797	153	154	1		140	8.93	4.66	8.92	0	18.7	15	58.11	0.6228	0	0	0	17.5	9.06	0	0	0	5.89	0.3388	0.0189	27.4	118	0.1939	48	0.0106	29.2	0.5119	0.0117	0.312	0						
05798	154	155	1		110	2.83	6.23	10.1	0	13.6	12.1	27.54	0.5064	0	0	0	16.6	7.84	0	0	0	8.83	0.2595	0.0304	35.1	131	0.3406	277.3	0.0198	33	0.6488	0.0159	0.4025	0						
05799	155	156	1		260	5.15	3.32	8.87	0	13.3	11.8	29.77	0.446	0	0	0	7.51	6.05	0	0	0	4.01	0.1574	0.0107	22.1	77	0.261	69.24	0.0104	34.8	0.3321	0.0111	0.2131	0						
05800	156	157	1		370	6.47	6.14	11.8	0	21.7	13.4	26.17	0.556	0	0	0	3.86	5.6	0	0	0	6.42	0.1468	0.0091	26.5	119	0.3361	42.69	0.0197	35.8	0.5835	0.0164	0.3782	0						
05801	157	158	1		240	6.14	7.34	13.4	0	20.8	15.2	28.09	0.6688	0	0	0	10.9	5.36	0	0	0	8.83	0.1271	0.0135	23.3	143	0.4267	31.64	0.0404	42	0.8717	0.0206	0.6058	0						
05802	158	159	1		170	5.1	7.38	16.4	0	21.7	17.8	43.79	0.7362	0	0	0	12.2	4.43	0	0	0	7.23	0.1091	0.0097	18.5	115	0.5518	20.57	0.0384	39.7	0.7672	0.0171	0.5568	0						
05803	159	160	1		210	25.4	5.63	13.3	0	30.2	31.4	33.05	1.072	0	0	0	10.9	6.23	0	0	0	7.49	0.1392	0.007	22.1	104	0.293	14.05	0.0182	34.6	0.5466	0.0157	0.3688	0						
05804	160	161	1		140	7.13	6.74	20.7	0	19.8	17.4	49.3	0.7683	0	0	0	24	7.4	0	0	0	6.69	0.3462	0.0111	30.3	109	0.3268	17.64	0.0276	35.1	0.7785	0.0168	0.4951	0						
05805	161	162	1		140	4.96	5.63	14.8	0	16.2	14.4	79.59	0.5859	0	0	0	12.4	8.82	0	0	0	8.57	0.3506	0.0112	33.7	110	0.4254	187.3	0.0255	31.8	0.6101	0.017	0.4318	0						
05806	162	163	1		260	2.98	4.89	21.1	0	16.7	14.1	85.92	0.5607	0	0	0	12.4	12.7	0	0	0	6.15	0.2547	0.0126	33.4	96.9	0.4156	114.2	0.011	30.1	0.4172	0.0155	0.2668	0						
05807	163	164	1		70	4.63	8.21	29.6	0	22	19.3	82.35	0.7767	0	0	0	22.9	7.45	0	0	2.47	7.49	0.1795	0.0093	27.9	107	0.4517	113.6	0.044	34.7	0.7212	0.0159	0.5095	0						
05808	164	165	1		90	2.41	8.72	21.4	0	26.7	20.8	67.75	0.9062	0	0	0	11.7	5.02	0	0	0	12.1	0.1424	0.0199	27.2	118	0.458	89.4	0.0844	41.5	1.092	0.0186	0.8032	0						
05809	165	166	1		150	23.5	8.63	17.9	0	31.7	24.4	83.73	1.066	0	0	0	8.022	6.04	0	0	0	13.1	0.1913	0.0135	26.7	123	0.4212	68.51	0.0962	41.1	1.088	0.0228	0.798	0						
05810	166	167	1		210	5.62	9.46	20.3	0	31.2	20.8	68.3	0.9396	0	0	0	8.91	6.96	0	0	0	14.7	0.1748	0.0118	24.5	116	0.4587	83.49	0.1038	43.5	1.057	0.0219	0.7692	0						
05811	167	168	1		370	5.38	9.18	21.3	0	31	23	65	1.01	0	0	0	13.9	7.6	0	0	0	12.6	0.2416	0.0198	34.9	130	0.4441	39.45	0.0881	41.1	1.152	0.0213	0.832	0						
05812	168	169	1		170	5.57	7.61	30.7	0	29.2	20.5	110.2	0.8882	0	0	0	4.791	9.55	0	0	0	12.1	0.297	0.0119	26.7	150	0.3239	19.22	0.0489	36.8	0.7841	0.0237	0.56	0						
05813	169	170	1		190	9.54	6.46	15.2	1.066	19.5	17.5	69.95	0.6618	0	0	0	5.69	11.2	0	0	0	5.89	0.3356	0.0139	25	117	0.1946	17.03	0.0093	33.5	0.46	0.0138	0.2727	0						
05814	170	171	1		130	6.76	8.4	20.3	0	26.6	21.9	184.5	0.8764	0	0	0	2.28	12	0	0	0	5.62	0.2747	0.0123	29.6	135	0.2657	28.13	0.0155	30.5	0.5469	0.015	0.3384	0						
05815	171	172	1		100	7.11	6.95	17.8	0	32.7	27	86.56	1.148	0	0	0	3.906	9.33	0	0	0	8.22	0.2624	0.0229	28.3	133	0.2403	30.83	0.0146	37.6	0.5739	0.0168	0.3829	0						
05816	172	173	1		310	8.22	5.22	13.6	0	33.7	25.7	63.71	1.093	0	0	0	3.21	8.93	0	0	0	8.52	0.2328	0.0191	25	114	0.2347	26.64	0.0161	36.5	0.5385	0.018	0.3715	0						
05817	173	174	1		140	9.68	9.04	54.8	0	26.8	24.6	164	0.9515	0	0	0	3.9	19.7	0.525	0	0	8.52	0.5228	0.0161	33.8	128	0.3541	30.63	0.0123	38.8	0.5213	0.0187	0.3481	0						
05818	174	175	1		170	13	18.4	20.1	0	27.2	21.9	119.8	0.9633	0	0	0	4.49	12.7	0	0	0	10.6	0.4635	0.024	32.9	133	0.3414	33.29	0.0255	44.5	0.5988	0.0214	0.4056	0						
05819	175	176	1		190	54.1	5230	170	0	26.2	23	148.4	0.912	0	0	0	8.44	15.4	1.6	0	0	10.3	0.3613	0.0127	30.7	146	0.2239	37.91	0.0156	35.8	0.5468	0.0189	0.3531	0						
05820	176	177	1		280	8.32	68.9	22.9	0	36.6	26.2	93.89	1.14	0	0	0	7.77	7.78	0	0	0	12	0.2582	0.0137	27.2	136	0.2512	16.16	0.0273	38.4	0.5887	0.0222	0.3941	0						
05821	177	178	1		410	5.09	15.9	65.5	0	25	19.3	847	0.8642	0	0	0	0	23.3	0.55	0	0	8.81	0.7912	0.0115	32.9	120	0.2869	29.62	0.0079	39.3	0.5251	0.0446	0.3215	0						
05822	178	179	1		320	4.94	21.9	99.9	0	32.5	24	161.6	1.093	0	0	0	9.53	15.5	0.945	0	0	7.05	0.2687	0.0178	28.5	123	0.1619	17.59	0.0081	35.6	0.4978	0.0155	0.3071	0						
05823	179	180	1		350	13.3	7.68	163	0	34	25.4	218.6	1.081	0	0	0	4.96	17.8	0	0	0	9.11	0.5185	0.015	28.6	163	0.2436	18	0.0111	36.2	0.5604	0.0129	0.3431	0						
05824	180	181	1		400	6.5	5.43	19.7	0	33.2	24.8	153.3	1.024	0	0	0	2.71	13.5	0	0	0	10.6	0.4387	0.019	26.9	142	0.2743	44.46	0.0192	34.3	0.5234	0.0184	0.3351	0						
05825	181	182	1		190	9.78	4.81	26.1	0	36.3	27.7	60.97	1.187	0	0	0	1.94	7.63	0	0	0	6.46	0.174	0.0174	29.4	101	0.2098	26.62	0.011	30.2	0.4227	0.0153	0.2807	0						
05826	182	183	1		130	7.06	4.39	55.4	0	40.4	30.2	68.27	1.397	0	0	0	13.8	5.67	0.574	0	0	8.52	0.1155	0.0113	29.9	117	0.3047	39.79	0.0171	33.7	0.5081	0.0203	0.3483	0						
05827	183	184	1		230	6.56	6.48	21.2	0	35.8	27.8	102.4	1.231	0	0	0	7.827	6.17	0	0	0	14.7	0.2052	0.0286	36	147	0.2823	66.5	0.0482	39.6	0.691	0.0265	0.4873	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05828	184	185	1		250	3.43	8.57	18.7	0	31	24.2	137.8	1.068	0	0	0	5.865	9.18	0	0	0	11.8	0.2352	0.0133	32.9	122	0.2981	39.82	0.0298	38.5	0.5075	0.0196	0.3522	0						
05829	185	186	1		260	4.99	6.01	38	0	33.2	24.5	140.5	0.9965	0	0	0	3.902	9.23	0	0	0	9.4	0.2768	0.0143	26.6	124	0.2625	22.52	0.0262	38.6	0.483	0.0187	0.338	0						
05830	186	187	1		920	56.2	3.97	21.1	0	70.5	46.1	64.93	1.712	0	0	0	0	10	0.504	0	0	7.93	0.2344	0.0061	18.7	162	0.181	8.766	0.0081	36.7	0.4168	0.0155	0.2681	0						
05831	187	188	1		760	49.7	4.34	16.8	0	77.5	61.5	133.8	2.594	0	0	0	0	8.18	0.679	0	0	10.9	0.3062	0.0089	17.8	151	0.256	8.573	0.0165	42.5	0.5104	0.0193	0.3339	0						
05832	188	189	1		290	10.6	6.22	36.2	0	32.9	26.9	92.36	1.128	0	0	0	5.867	6.57	0	0	0	12	0.1534	0.0133	32.1	133	0.3095	22.33	0.0404	38.5	0.6386	0.0208	0.443	0						
05833	189	190	1		240	9.93	7.73	21.7	0	30.6	24.5	116.4	1.043	0	0	0	0	8.53	0	0	0	16.5	0.2518	0.0125	30.7	153	0.3761	88.2	0.0866	38.3	0.8954	0.0304	0.6662	0						
05834	190	191	1		310	2.82	6.11	34.6	0	31.6	22	73.16	0.9538	0	0	0	11.75	5.77	0	0	0	12	0.1092	0.0153	25.8	148	0.2634	109.9	0.0642	34.1	0.7722	0.0234	0.5608	0						
05835	191	192	1		190	7.41	9.61	34.6	0	30	24.5	102.1	1.068	0	0	0	8.72	6.17	0	0	0	14.1	0.1694	0.0104	32.4	136	0.415	110.1	0.0916	37.9	0.9956	0.0247	0.7486	0						
05836	192	193	1		310	4.24	6.37	13.3	0	24.4	19	80.78	0.8064	0	0	0	2.11	5.67	0	0	0	13.2	0.1691	0.0101	28.3	129	0.2924	74.87	0.0627	36.6	0.6844	0.0233	0.5159	0						
05837	193	194	1		400	8.17	6.58	128	0	37.2	22.5	144.8	0.9325	0	0	0	5.867	12.6	1.07	0	0	11.5	0.3659	0.0096	31.6	158	0.3231	89.75	0.03	38.7	0.6107	0.0215	0.4117	0						
05838	194	195	1		3900	4.34	7.84	24.7	0	30.4	21.9	164.6	0.9422	0	0	0	7.827	14	0	0	0	14.4	0.4884	0.0109	40.4	157	0.3518	92.93	0.0337	37.1	0.8129	0.0122	0.3808	0						
05839	195	196	1		230	5.04	33.8	28.3	0	34.9	28.6	153.6	1.205	0	0	0	0	16.2	0	0	0	7.05	0.4924	0.0133	28.8	117	0.2683	14.94	0.005	38.9	0.5338	0.0115	0.2682	0						
05840	196	197	1		140	8.51	17.1	30.7	0	28.4	24	178.4	0.9739	0	0	0	3.937	18	0	0	0	6.17	0.5594	0.0106	32.4	110	0.2837	23.49	0	32.9	0.4053	0.0101	0.2269	0						
05841	197	198	1		170	11.2	7.63	19.9	0	27.7	24.7	117.7	0.9936	0	0	0	0	12.4	0	0	0	10.3	0.3669	0.0103	36	108	0.3381	34.16	0.0266	33.4	0.7022	0.0129	0.3521	0						
05842	198	199	1		290	17.7	8.36	26.7	0	39.7	28.1	144.8	1.226	0	0	0	0	18	0	0	0	8.52	0.4952	0.0254	30.2	156	0.2718	15.78	0.0143	33.4	0.6355	0.0126	0.3438	0						
05843	199	200	1		100	2.87	5.64	25.4	0	22.2	17.5	110.7	0.7351	0	0	0	11.5	8.93	0	0	0	8.52	0.2302	0.0072	31.8	132	0.2668	102.8	0.0175	34.6	0.4913	0.0163	0.2777	0						
05844	200	201	1		260	6.15	5.96	15.7	0	30.5	22.3	117.7	0.9605	0	0	0	17.7	9.53	0	0	0	9.4	0.3296	0.0135	36.2	150	0.2774	174.3	0.0182	33.3	0.5318	0.0215	0.3327	0						
05845	201	202	1		500	6.3	15.4	33.9	0	29.3	18.8	109.7	0.7651	0	0	0	7.83	21.3	0	0	0	11.2	0.3147	0.0095	35.1	112	0.281	143.7	0.0231	35.9	0.5222	0.0217	0.3623	0						
05846	202	203	1		300	9.53	6.17	26.8	0	31.5	21.9	121	0.9201	0	0	0	1.942	12.5	0	0	0	11.2	0.3405	0.009	34.6	155	0.316	135.3	0.0234	32.3	0.5386	0.0214	0.3591	0						
05847	203	204	1		730	7.46	5.59	17.1	0	37.3	21.5	84.13	0.926	0	0	0	3.902	9.98	0	0	0	13.5	0.2422	0.0204	35.4	139	0.2821	159.6	0.0383	37.9	0.5995	0.0251	0.4018	0						
05848	204	205	1		1060	8.42	7.89	55.8	0	36.4	19.6	96.32	0.7769	0	0	0	7.07	11.8	0.56	0	0	8.22	0.2981	0.0116	29.6	128	0.2572	108	0.0173	35.7	0.4296	0.0202	0.2698	0						
05849	205	206	1		930	10.9	5.38	16.2	0	38.3	20.2	82	0.8283	0	0	0	4.47	9.63	0	0	0	9.69	0.2601	0.0092	28.3	126	0.2725	68.65	0.035	35.3	0.5669	0.022	0.3922	0						
05850	206	207	1		610	6.96	6.01	16.9	0	33.2	22.3	89.62	0.9143	0	0	0	12.5	9.33	0	0	0	15.3	0.3034	0.0116	30.2	138	0.2993	102.5	0.0669	36.7	0.7002	0.025	0.509	0						
05851	207	208	1		410	17.8	8.67	57.3	0	55	44.1	625.2	1.937	0	0	0	0	21	0	0	0	39.9	1.88	0.0276	38.4	115	0.7909	46.19	0.0552	39.6	0.8208	0.0189	0.5589	0						
05852	208	209	1		560	6.3	4.65	24.1	0	34.9	23.6	106.4	0.9951	0	0	0	0	11.5	0	0	0	11.2	0.3535	0.01	27.7	128	0.2338	57.58	0.0142	32.2	0.4091	0.0195	0.2691	0						
05853	209	210	1		180	4.24	5.12	14.6	0	23.1	18.4	55.48	0.777	0	0	0	13.71	6.17	0	0	0	9.99	0.1855	0.0121	29.9	101	0.2562	202.6	0.0355	29.5	0.52	0.021	0.3419	0						
05854	210	211	1		360	7.76	5.28	32	0	31	26.1	174.4	1.087	0	0	0	0	13.9	0	0	0	8.22	0.5106	0.0099	26.6	140	0.3543	29.34	0.0258	30.1	0.5443	0.0155	0.3372	0						
05855	211	212	1		200	3.74	4.13	17	0	23.4	18	79.36	0.7332	0	0	0	5.834	8.09	0	0	0	5.58	0.2125	0.0058	22.8	135	0.1439	59.6	0.0053	31	0.263	0.0166	0.1642	0						
05856	212	213	1		200	4.49	5.75	11.5	0	18	12.5	60.69	0.4956	0	0	0	7.818	14.4	0	0	0	7.64	0.2656	0	29.7	145	0.1371	136.7	0.013	29.1	0.4308	0.0162	0.1881	0						
05857	213	214	1		870	5.4	9.56	38.4	0	32.3	17.9	101.5	0.6831	0	0	0	15.68	16.6	0	0	0	13.8	0.3017	0.0053	36.2	159	0.2998	98.37	0.0496	32	0.9505	0.0145	0.372	0						
05858	214	215	1		260	5.9	10.5	47.7	0	20.3	14.9	690.5	0.6537	0	0	0	1.941	36.5	0	0	0	8.22	0.7963	0.0054	39	146	0.2672	133.3	0.0074	31.1	0.5392	0.0118	0.2178	0						
05859	215	216	1		170	3.38	10.8	30.5	0	16.2	13.4	321	0.5707	0	0	0	5.866	22	0	0	0	10.9	0.6937	0.0055	35.4	143	0.2969	176.5	0.0349	29.5	0.5085	0.0142	0.27	0						
05860	216	217	1		250	7.06	6.37	25.1	0	27.1	20.9	128.6	0.8621	0	0	0	9.791	11.7	0	0	0	5.58	0.3474	0.0107	29.9	133	0.2403	113.4	0.0189	30	0.4433	0.0157	0.269	0						
05861	217	218	1		170	7.1	9.41	24.4	0	22.5	17	243.5	0.7048	0	0	0	1.979	19.4	0	0	0	8.81	0.7941	0.0136	30.7	138	0.2811	235.2	0.0148	28	0.4937	0.0124	0.316	0						
05862	218	219	1		260	5.9	6.38	45.2	0	28	19.2	153.7	0.8091	0	0	0	0	16.7	0	0	0	7.34	0.4951	0.0087	22.5	175	0.1751	30.42	0.007	29.7	0.4106	0.0136	0.2236	0						
05863	219	220	1		830	7.87	16.6	55.3	0	36.4	20.8	101.5	0.8555	0	0	0	1.85	11.7	0	0	0	9.11	0.2858	0.0117	29.1	120	0.2355	85.88	0.0237	27.7	0.5021	0.0202	0.3265	0						
05864	220	221	1		670	8.42	4.23	15.9	0	32.2	17.7	103.3	0.7139	0	0	0	8.16	10.9	0	0	0	7.93	0.3177	0.0141	27.7	165	0.2067	102.1	0.0284	32.1	0.4224	0.0198	0.2894	4.54						
05865	221	222	1		350	12.8	14.5	36.2	0	33.4	21.2	101.5	0.8767	0	0	0	12.4	7.57	0	0	0	12.9	0.2533	0.0127	27.2	142	0.2812	100.5	0.0498	30.4	0.6116	0.0238	0.4257	0						
05866	222	223	1		350	71.2	10.6	34.5	0	33	26	127.4	0.9773	0	0	0	9.53	12.3	0	0	0	9.69	0.4718	0.0154	29.1	163	0.3428	56.38	0.0226	32.3	0.5159	0.0172	0.3049	0						
05867	223	224	1		1190	7.01	6.37	20	0	39.4	17.8	106.4	0.7271	1	0	0	7.11	11.7	0	0	0	7.64	0.457	0.011	27.2	132	0.2686	104.9	0.0191	32.3	0.5027	0.0141	0.2814	0						
05868	224	225	1		220	12	7.42	19.9	0	27.4	20.5	132.3	0.849	0	0	0	5.64	24.3	0	0	0	9.99	0.7247	0.0243	32.1	153	0.3075	67.58	0.0239	31.2	0.5419	0.0154	0.332	0						
05869	225	226	1		1610	50.3	7.63	31.8	0	64.2	47.2	136.1	1.514	0	0	0	0	21.8	0	0	0	11.4	0.7693	0.0097	19.5	169	0.2556	10.79	0.0085	28.1	0.5569	0.0099	0.2337	0						
05870	226	227	1		100	89.3	9.19	108	0	122	115	992.6	5.137	0	0	0	0	45.5	1.29	0	2.44	69.9	2.935	0.0476	33.2	88.6	1.777	7.969	0.0611	32	1.266	0.0077	0.4534	0						
05871	227	228	1		140	59.3	21.4	173	0	121	95.2	1004	4.571	0	0	0	0	20.2	1.14	0	0	200	1.582	0.0524	23.1	90.8	2.626	33	0.3711	28.8	3.387	0.0238	0.924	0						
05872	228	229	1		140	102	12.9	105	0	113	94.8	767.2	4.11	0	0	0	0	44.3	1.08	0	1.46	91.7	2.505	0.0402	29.6	101	1.66	9.033	0.1002	33.2	1.524	0.0108	0.591	0						
05873	229	230	1		280	8.86	6.64	18.8	0	25.7	19.4	176.6	0.7818	0	0	0	0	16.7	0	0	0	7.63	0.7241	0.015	26	149	0.2339	31.33	0.0065	29	0.349	0.0098	0.2016	0						
05874	230	231	1		400	6.91	3.97	9.84	0	27.8	13.5	77.12	0.5282	0	0	0	3.902	8.93	0	0	0	6.76	0.2773	0.0126	21.7	151	0.124	73.13	0.0083	27	0.2968	0.0129	0.1914	0						
05875	231	232	1		820	4.54	3.4	9.77	0	29.5	14.6	53.1	0.6295	0	0	0	0	7.49	0	0	0	2.64	0.1909	0.0099	18.7	105	0.1035	16.43	0	20.5	0.2695	0.0104	0.1659	0						
05876	232	233	1		1450	8.17	8.15	19.7	0	57.9	32	108	1.096	0	0	0	1.02	11.9	0	0	0	7.05	0.366	0.0137	16.5	173	0.1435	11.79	0	27.4	0.3092	0.0092	0.1995	0						
05877	233	234	1		370	14.1	5.54	16.6	0	39.5	37.6	164	1.267	0	0	0	0	19.1	0	0	0	7.93	0.8217	0.0099	23.9	173	0.2634	12.4	0.0093	32.4	0.454	0.0109	0.2457	0						
05878	234	235	1		950	6.01	18.3	76.9	0	34.3	16	87.59	0.6331	0	0	0	4.74	12	0.714	0	0	5.58	0.3285	0.0089	15.4	145	0.1186	28.62	0.0034	27.7	0.2936	0.008	0.192	0						
05879	235	236	1		450	4.09	11.6	85.1	0	31.7	16.2	45.73	0.6914	0	0	0	0	7.18	0.861	0	0	4.4	0.1584	0.0131	14.6	160	0.0662	29.99	0	26.5	0.303	0.0102	0.1985	0						
05880	236	237	1		410	27.1	47.4	31.3	0	28.6	17.3	61.33	0.6556	0	0	0	0	11.6	0	1.58	22	5.58	0.2603	0.0087	20.3	151	0.1322	71.69	0.0077	27.6	0.3629	0.0123	0.2095	0						
05881	237	238	1		260	6.91	7.16	16	0	19.1	9.46	78.04	0.4166	0	0	0	1.94	11.4	0	0	0	2.64	0.2874	0.0074	17.6	147	0.0906	142.9	0.0028	29.9	0.2362	0.0082	0.1464	0						
05882	238	239	1		400	9.26	7.63	19.7	0	29.9	17.5	223.1	0.7427	0	0	0	13.6	15.7	0	0	0	11.2	0.7152	0.0097	29.6	189	0.3368	107.6	0.0496	31	0.7684	0.0155	0.3959	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05883	239	240	1		250	4.13	5.43	20	0	20.9	16	141.1	0.65	0	0	0	0	15.7	0	0	0	8.52	0.427	0.0097	26.9	165	0.24	159.4	0.01	27.3	0.452	0.0213	0.2717	0						
05884	240	241	1		430	7.17	86.9	96	0	25	14.5	378.6	0.576	1	0	0	0	18.7	0.634	0	0	5.87	0.4758	0.0117	25	154	0.1836	72.57	0.0097	32.5	0.4399	0.0139	0.2426	0						
05885	241	242	1		160	10.5	35.4	57.7	0	22.2	19.2	783.5	0.7838	0	0	0	0	39.1	0	0	0	7.93	1.249	0.0109	30.2	161	0.3817	52.51	0.0051	32.5	0.4349	0.0082	0.2504	0						
05886	242	243	1		540	6.76	72.7	25.8	0	33.5	18.6	385.5	0.7499	7	0	0	1.907	12.2	0	0	0	4.4	0.2786	0.0096	13.2	122	0.0774	17.97	0	29.9	0.21	0.008	0.151	0						
05887	243	244	1		230	5.7	18.3	31.3	0.5839	19.4	11.8	75.66	0.4923	0	0	0	1.918	10.8	0	0	0	7.05	0.2997	0.008	22.5	165	0.1118	96.6	0.0088	28.7	0.375	0.0135	0.2309	0						
05888	244	245	1		230	12.4	4.34	17.8	0	29.5	20.3	210.3	0.7882	0	0	0	0	14.6	0	0	0	6.17	0.4677	0.0091	20.6	117	0.2059	31.29	0.0068	26.1	0.219	0.0091	0.1462	0						
05889	245	246	1		180	3.08	6.9	20	0	26	18.4	185.3	0.7587	0	0	0	1.94	13.9	0	0	0	7.05	0.4584	0.0131	26.9	148	0.2213	33.14	0.0121	35.1	0.4717	0.0192	0.2853	0						
05890	246	247	1		160	6.46	7.78	29.2	0	20.6	15.3	182.1	0.5959	0	0	0	2.93	12.9	0	0	2.93	8.81	0.4569	0.0126	25.8	109	0.282	90.44	0.0185	31.2	0.339	0.0143	0.2044	0						
05891	247	248	1		140	8.27	7.16	19.9	0	23.4	16.8	219.8	0.6528	0	0	0	1.944	18	0	0	0	9.11	0.8366	0.016	33.5	125	0.3081	181.7	0.0228	31.8	0.5915	0.0205	0.3312	0						
05892	248	249	1		250	4.69	4.81	18.5	0	17	14.1	212.3	0.5672	0	0	0	0	13.9	0	0	0	6.76	0.529	0.0136	31.6	155	0.2631	160.8	0.0082	31.9	0.3814	0.0195	0.2288	0						
05893	249	250	1		160	9.84	6.43	18.6	0	21.8	19.5	174.1	0.7019	0	0	0	0	17	0	0	0	6.76	0.4941	0.0128	27.7	108	0.2249	37.77	0.0092	31.3	0.4085	0.0166	0.2525	0						
05894	250	251	1		160	7.71	7.11	19.5	0	26.5	18.3	130.2	0.7652	0	0	0	3.18	14.3	0	0	0	11.2	0.4953	0.011	26.6	153	0.3364	39.66	0.0239	30.6	0.5871	0.0256	0.3766	0						
05895	251	252	1		450	13	6.37	17.9	0	24.8	18	117.4	0.6875	0	0	0	0	7.68	0	0	0	8.52	0.272	0.0099	24.4	101	0.2665	101.5	0.0234	29	0.4915	0.0221	0.3085	0						
05896	252	253	1		230	10.7	9.46	18.4	0	21.6	24.8	89.92	0.7241	0	0	0	3.903	9.33	0	0	0	6.76	0.1885	0.0123	23.9	92.5	0.218	90.76	0.0114	27.1	0.5031	0.0224	0.2935	0						
05897	253	254	1		170	11.4	6.58	16.3	0	24.5	17.6	160.4	0.7423	0	0	0	1.84	14.9	0	0	0	6.17	0.4278	0.0123	22.8	136	0.183	30.13	0.0112	25.4	0.4027	0.0142	0.2491	0						
05898	254	255	1		230	10.4	6.48	30	0	21.9	20.4	204.5	0.7543	0	0	0	0	18.2	0	0	0	7.34	0.6967	0.0117	25.3	95.7	0.2832	117.4	0.0091	26	0.4106	0.0149	0.2568	0						
05899	255	256	1		550	39.3	14.7	16.7	0	20.1	14.6	103.1	0.5778	0	0	0	0	19.7	0	0	0	6.17	0.4289	0.0191	23.9	135	0.1287	45.7	0.0101	30.3	0.4338	0.02	0.2308	0						
05900	256	257	1		150	5.9	6.74	19.8	0	19.6	14.5	134.7	0.6323	0	0	0	0	13.2	0	0	0	7.93	0.3742	0.0125	28.5	126	0.2504	135.6	0.0316	32.7	0.631	0.0213	0.3343	0						
05901	257	258	1		270	8.02	5.75	17.1	0	20.5	14.7	133.8	0.6148	0	0	0	1.94	15.1	0	0	0	6.17	0.475	0.0139	25.8	127	0.2091	33.68	0.0109	33.7	0.4671	0.0163	0.2636	0						
05902	258	259	1		360	9.68	9.61	24.4	0	27.7	19	212.5	0.7939	0	0	0	0	17.1	0	0	0	8.52	0.5648	0.0142	25	156	0.2581	18.52	0.0232	34.9	0.6147	0.0202	0.3231	0						
05903	259	260	1		210	4.99	6.06	13.2	0	18.3	12.4	78.68	0.5338	0	0	0	4.3	14.3	0	0	0	5.29	0.2787	0.0122	25.3	113	0.1151	36.98	0.0061	32.7	0.469	0.0184	0.2573	0						
05904	260	261	1		210	40	8.52	17.6	0.7946	18.3	14.6	153.4	0.6035	0	0	0	0	15.9	0	0	0	7.93	0.5592	0.0079	24.4	165	0.2153	72.37	0.0096	30.3	0.3934	0.0141	0.2175	6.24						
05905	261	262	1		150	12.1	5.59	18	0	23.8	18.3	186.3	0.7826	0	0	0	0	18.2	0	0	0	8.81	0.8853	0.0074	30.4	133	0.2796	30.04	0.009	33.3	0.412	0.0137	0.2355	0						
05906	262	263	1		240	3.23	26.3	73.1	0	14.6	7.94	82.66	0.3613	0	0	0	0	26.2	0.602	0	0	5.29	0.5299	0.0202	29.1	163	0.1317	329.3	0	29.3	0.4818	0.0115	0.1514	0						
05907	263	264	1		220	8.67	5.96	21.4	0	24.1	18.6	232.6	0.7433	0	0	0	5.43	21.7	0	0	0	6.76	0.9522	0.009	29.6	123	0.3392	80.17	0.0087	28.8	0.3817	0.0141	0.2253	0						
05908	264	265	1		210	4.19	5.38	11.6	0	27.7	34.8	56.43	0.7396	0	0	0	0	13.4	0	0	0	5.58	0.2807	0.0096	20.9	129	0.1514	43.05	0.0107	25.3	0.3739	0.0236	0.2239	0						
05909	265	266	1		340	6.75	4.86	13	0	21.7	15.6	135.8	0.6352	0	0	0	0	18.2	0	0	0	5.58	0.7416	0.0099	25	164	0.213	59.23	0	29.9	0.321	0.0174	0.1985	0						
05910	266	267	1		340	8.27	5.54	12.7	0	26.3	13.5	68.63	0.531	0	0	0	17.4	13.5	0	0	0	6.46	0.255	0.0093	28	175	0.1385	168.8	0.0069	28.4	0.4381	0.0166	0.2315	0						
05911	267	268	1		140	11.2	5.17	11.8	0	20.6	14.3	66.49	0.5369	0	0	0	11.5	17.5	0	0	0	5.58	0.3244	0.0136	24.2	157	0.1137	92.65	0.0052	31	0.4881	0.0135	0.242	0						
05912	268	269	1		330	4.74	7.05	75.8	0	29.5	17.2	101	0.7081	0	0	0	0	14.7	0.651	0	0	5.87	0.3255	0.0124	19	134	0.1134	17.94	0	31.4	0.4294	0.011	0.2395	0						
05913	269	270	1		310	1.66	8.05	23.2	0	26.2	18.1	275.2	0.7629	0	0	0	7.33	18.5	0	0	0	6.46	0.5834	0.013	27.5	130	0.2451	23.43	0.0087	29.2	0.5473	0.0113	0.3109	0						
05914	270	271	1		370	5.03	16.1	44.4	0	20	15.3	308.6	0.6416	0	0	0	0	26.8	0	0	0	5.58	0.8997	0.0152	27.7	124	0.2599	127.2	0.0063	29	0.4319	0.008	0.2617	0						
05915	271	272	1		250	13.1	25.6	239	0	19.6	14.6	255.8	0.5935	0	0	0	1.94	23.3	2.01	1.07	0	6.46	0.7854	0.0106	29.4	136	0.2131	129	0	33.4	0.4122	0.0084	0.2686	0						
05916	272	273	1		380	9.03	123	1070	0	28.4	16.2	84.5	0.6473	0	0	0	6.01	18	8.01	0	0	4.11	0.2731	0.012	21.4	144	0.089	28.59	0	26.6	0.4189	0.0092	0.2432	0						
05917	273	274	1		400	8.28	5.59	14.1	0	22.1	12.7	84.2	0.529	0	0	0	2.89	20.4	0	0	0	4.4	0.3932	0.009	21.2	147	0.1259	156.3	0.0051	27.7	0.346	0.0106	0.1948	0						
05918	274	275	1		260	2.78	5.17	15.5	0	20.9	14.2	93.34	0.6097	0	0	0	0	20.1	0	0	0	4.11	0.3858	0.0092	23.9	126	0.1562	158.1	0	27.2	0.3446	0.0118	0.2017	0						
05919	275	276	1		380	1.21	5.07	15.7	0	21	15.1	94.88	0.6268	0	0	0	0	41.5	0	0	0	4.99	0.2225	0.0106	25.5	93.1	0.2144	159	0.0063	27.3	0.3821	0.0176	0.2396	0						
05920	276	277	1		680	3.38	5.02	23.3	0	27.9	17.1	242.2	0.6905	0	0	0	0	40	0	0	0	6.46	0.499	0.0136	19.2	113	0.3308	97.63	0.0307	30.6	0.3963	0.0128	0.2115	0						
05921	277	278	1		170	8.72	5.9	17.7	0	19	15.5	178	0.6463	0	0	0	3.38	21.1	0	0	0	8.22	0.7208	0.0134	26.4	144	0.2703	118	0.0154	35	0.4382	0.0192	0.2769	0						
05922	278	279	1		160	6.35	5.9	74.2	0	21.1	18.3	240.8	0.7807	0	0	0	2.9	25.6	0.539	0	0	7.05	0.8726	0.0132	31.8	132	0.3336	68.79	0.0138	33.4	0.482	0.0159	0.2812	0						
05923	279	280	1		220	8.52	19.8	29.5	0	32.5	25.8	267.3	1.132	0	0	0	0	22.9	0	0	0	8.52	0.5826	0.0113	21.1	132	0.2753	13.17	0.0198	36.8	0.4873	0.0146	0.3089	0						
05924	280	281	1		310	3.48	6.37	18.6	0	19.1	14.5	182.6	0.6038	0	0	0	0	26.9	0	0	0	5.87	0.561	0.0122	21.4	103	0.257	110.2	0.0151	31.8	0.3481	0.0125	0.2171	0						
05925	281	282	1		260	8.07	4.6	16.6	0	19.8	14.7	146.6	0.6192	0	0	0	3.903	22.6	0	0	0	7.05	0.7894	0.0138	26.9	127	0.2282	93.22	0.0065	27.2	0.3831	0.0156	0.2382	0						
05926	282	283	1		450	9.28	4.55	19.6	0	26.1	20.1	226	0.95	0	0	0	0	20.4	0	0	0	6.76	0.8023	0.0123	26.9	113	0.2479	30.3	0.0069	32.4	0.3366	0.0139	0.2023	0						
05927	283	284	1		490	8.57	6.16	26.2	0	28.9	23.8	162.8	0.854	0	0	0	0	20.3	0	0	0	6.17	0.7593	0.0138	23.3	112	0.2568	17.74	0.0103	31.8	0.4553	0.0132	0.277	0						
05928	284	285	1		190	4.29	7.37	21.2	0	24.9	18.5	143	0.7616	0	0	0	0	13.6	0	0	0	9.4	0.4324	0.0139	27.7	123	0.2875	107.8	0.018	35.2	0.5876	0.0234	0.3544	0						
05929	285	286	1		220	11.5	1010	500	0.5304	34.2	21.7	114.6	0.9134	0	0	0	0	14.2	0	0	0	7.34	0.3613	0.0135	20.3	114	0.1998	20.52	0.0105	30.1	0.4623	0.0164	0.2663	0						
05930	286	287	1		330	9.57	11.4	38.2	0	25.1	19.7	186.7	0.8542	0	0	0	0	45.5	0	0	0	6.75	1.384	0.0122	26.9	98.7	0.3114	23.93	0	31.3	0.228	0.0106	0.1558	0						
05931	287	288	1		200	5.89	9.29	93.7	0	24.9	17	498.8	0.7413	0	0	0	0	57.5	0.669	0	0	9.77	0.4116	0.0122	22.9	118	0.2331	143	0.0075	57.3	0.3798	0.0211	0.2889	0						
05932	288	289	1		230	15	5.1	21.2	0	23.4	17.4	232.9	0.8009	0	0	0	0	48.3	0	0	2.86	8.24	0.7012	0.0138	25.4	101	0.3739	122.6	0.0153	48	0.3579	0.0155	0.2821	0						
05933	289	290	1		290	12	5.19	17.7	0	23.1	17.1	126.8	0.7753	0	0	0	0	92.7	0	0	0	10.4	0.3134	0.0088	24.9	119	0.2652	142	0.0132	48.3	0.4629	0.025	0.3516	0						
05934	290	291	1		350	16.1	6.09	18.7	0	31.2	20.4	68.92	0.9186	0	0	0	0	55.2	0	0	0	7.94	0.1599	0.01	18.1	124	0.2194	117	0.0092	53.1	0.4552	0.0201	0.344	0						
05935	291	292	1		450	11	3.63	8.83	0	24.6	12.2	70.53	0.5323	0	0	0	2	12.4	0	0	0	7.02	0.2377	0	13.6	236	0.1631	91.4	0.012	46.5	0.3459	0.0148	0.2369	1.78						
05936	292	293	1		180	7.27	7.48	20.8	0	19.4	5.64	26.39	0.228	0	0	0	10	4.17	0	2.37	0	2.75	0.0093	0	1.51	307	0.0066	58.66	0	45.3	0.0589	0.0107	0.0551	0						
05937	293	294	1		370	9.85	146	478	0	22.5	13.5	119.9	0.6037	0	0	0	5	17.2	2.52	0	3.58	6.1	0.2947	0.0099	15.1	139	0.1274	184	0	42.8	0.2877	0.0124	0.2268	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05938	294	295	1		320	4.49	31.1	50.6	0	15.7	11.8	116.1	0.5655	0	0	0	0	144	0	0	0	25.7	1.178	0.0874	40.7	73.2	0.2998	141	0.0817	47.6	0.84	0.0318	0.4595	0						
05939	295	296	1		370	17.3	6.96	14.6	0	29.8	14.4	106.8	0.7011	0	0	0	0	41.2	0	0	0	11.6	0.733	0.0254	26.3	92.6	0.2931	142.5	0.0194	45	0.4643	0.0226	0.3266	0						
05940	296	297	1		330	4.54	6.31	14.5	0	17.9	11.2	113.9	0.4828	0	0	0	5	30.4	0	0	0	7.02	0.5771	0.0189	24.3	124	0.2787	281.3	0.0102	65.3	0.414	0.0302	0.3227	0						
05941	297	298	1		650	4.9	5.75	9.37	0	18.5	4.67	48.84	0.1973	0	0	0	4	13.2	0	0	0	5.19	0.1993	0.0098	13.6	169	0.0609	144.4	0	62.9	0.1356	0.0209	0.1306	2.87						
05942	298	299	1		630	8.34	16.3	92	0	26.2	13.6	105.6	0.6235	0	0	0	0	17.8	0.603	0	0	7.94	0.2933	0.0096	15.6	162	0.1093	144.3	0	62.7	0.2705	0.0176	0.2112	0						
05943	299	300	1		480	9.25	6.4	32	0	19	13.1	149.9	0.5781	0	0	0	0	27.5	0	0	0	7.33	0.6603	0.0064	23.1	104	0.3067	156.5	0.0056	56.2	0.3683	0.0151	0.278	0						
05944	300	301	1		270	8.86	5.96	20.2	0.7517	21.8	15.2	156.2	0.695	0	0	0	7	14	0	0	0	10.7	0.5255	0.0062	20.8	139	0.3796	86.49	0.0225	58.6	0.5384	0.021	0.4024	0						
05945	301	302	1		450	5.6	10.1	15.5	0	20.2	12.1	119.4	0.5591	0	0	0	0	19.5	0	0	1.07	7.94	0.3813	0.0099	25.1	141	0.2051	125.5	0.0082	60.1	0.4528	0.0233	0.329	0						
05946	302	303	1		380	3.5	6.35	11.6	0	22.5	12	68.97	0.5546	0	0	0	13	13.4	0	0	0	6.72	0.3263	0.0094	19.8	140	0.156	73.35	0.008	57.3	0.3961	0.0274	0.2885	0						
05947	303	304	1		230	5.31	6.27	18.5	0	20.8	12.6	162.5	0.5833	0	0	0	9	12.6	0	0	0	7.33	0.3549	0.0059	23.6	130	0.2577	100.8	0.0135	52.9	0.4427	0.0198	0.3106	0						
05948	304	305	1		650	4.95	10.8	75.8	0	25.6	13.9	205.5	0.6492	0	0	0	0	23.2	0	0	0	7.94	0.6751	0.0106	27.4	125	0.3445	118.9	0.0163	60.8	0.5737	0.0221	0.3734	0						
05949	305	306	1		310	9.2	11.1	303	0	24.3	17.6	203.6	0.8222	0	0	0	2	22.7	1.79	0	0	8.24	0.6587	0.0092	25.6	120	0.2614	110.3	0.0082	55.5	0.5293	0.0186	0.3649	0						
05950	306	307	1		290	8.04	4.49	17.5	0	18.7	13.9	95.41	0.5884	0	0	0	6	16.4	0	0	0	5.8	0.3422	0.0062	20.3	81.3	0.1915	121.7	0	63.5	0.3678	0.0219	0.2612	0						
05951	307	308	1		620	6.11	6.48	229	0	27	13.6	122.6	0.6252	0	0	0	7	28.9	1.37	0	0	7.63	0.5947	0.008	28.3	114	0.2239	119.9	0.0063	82.6	0.4469	0.025	0.3122	0						
05952	308	309	1		280	10.3	8.47	58.7	0	19.4	12.7	151.4	0.594	0	0	0	4	27.8	0	0	0	7.02	0.7625	0.0074	27.1	122	0.2388	145.6	0	68.9	0.3968	0.0188	0.2577	0						
05953	309	310	1		240	10.6	11.4	22.6	0	21.3	11.3	148	0.5157	0	0	0	2	18.9	0	0	0	6.72	0.6594	0.0139	26.6	147	0.1662	141.3	0	56.7	0.5388	0.0135	0.3061	0						
05954	310	311	1		280	6.18	41.9	46.7	0	24.3	17.9	653.1	0.881	3	0	0	0	25.5	0	0	0	7.33	0.78	0.0092	27.9	136	0.2323	68.11	0	58.4	0.4762	0.0125	0.3218	0						
05955	311	312	1		330	9.79	9.33	58.6	0	19.4	14.1	258.4	0.5986	0	0	0	8	30.9	0	0	0	7.63	0.7947	0.0158	30.4	142	0.2656	380.8	0.0079	58.7	0.4787	0.0136	0.3128	0						
05956	312	313	1		570	7.58	7.17	11.5	0	21.9	10.5	76.84	0.4469	0	0	0	0	20.9	0	0	0	6.72	0.3329	0.008	25.6	103	0.1288	184.4	0	54.9	0.408	0.0165	0.2686	0						
05957	313	314	1		230	10.8	7.95	23.9	0	18.2	13.3	182.5	0.6363	0	0	0	3	22.7	0	0	0	7.63	0.7882	0.0062	31.1	146	0.3161	124.2	0.0159	62.7	0.6106	0.0139	0.3646	0						
05958	314	315	1		350	6.88	10.7	12.9	0.501	28.7	17	111.8	0.798	0	0	0	4	15	0	0	0	7.33	0.3795	0.01	19.6	155	0.1407	65.1	0	57.1	0.367	0.0127	0.2674	0						
05959	315	316	1		350	7.99	4.54	10	0.8147	19.7	9.62	93.55	0.427	0	0	0	6	16.4	0	0	0	4.88	0.4113	0.0064	25.1	161	0.1182	140.7	0.0052	52.8	0.4074	0.0117	0.2884	0						
05960	316	317	1		170	10.8	12.9	566	0	17.6	15.1	157.1	0.646	0	0	0	2	26.3	3.21	0	1.79	9.77	0.8308	0.0289	30.3	143	0.2612	157.7	0.005	52.4	0.4388	0.0115	0.2865	0						
05961	317	318	1		450	4.25	6.05	7.41	0	17.7	7.12	56.02	0.3155	0	0	0	7	22.1	0	0	0	7.94	0.4435	0.019	26.9	146	0.0751	195.8	0	63.9	0.4161	0.0148	0.2623	1.22						
05962	318	319	1		170	11.7	6.87	191	0	18.4	12.3	139.7	0.5583	0	0	0	0	21.6	1.12	0	4.65	9.16	0.8279	0.0109	30.1	154	0.2643	121.7	0	65.2	0.4134	0.0133	0.2724	0						
05963	319	320	1		780	6.34	8.6	40.9	0.6257	20.5	8.4	124.5	0.3744	0	0	0	0	15.9	0	0	0	5.5	0.5461	0.0079	21.1	176	0.1863	152.7	0	61.9	0.3859	0.0121	0.2578	0						
05964	320	321	1		1010	3.03	11.2	36.6	0	25.7	8.44	51.97	0.3789	0	0	0	0	11.2	0	0	0	5.49	0.2459	0.0134	20.8	173	0.0405	168.4	0	55.6	0.3322	0.0124	0.2352	2.57						
05965	321	322	1		700	1.34	13.8	38	0	28	17.1	50.92	0.9153	0	0	0	2	39.1	0	0	0	8.55	0.6176	0.0218	29.3	165	0.0692	67.97	0	58.8	0.5077	0.0195	0.2907	0						
05966	322	323	1		310	9.91	8.6	18.3	0	22.7	19.2	123.8	0.906	0	0	0	13	20	0	0	0	7.33	0.4008	0.0139	18.1	152	0.1829	64.46	0	67.6	0.4033	0.0128	0.3016	0						
05967	323	324	1		370	0	10.3	25.2	0.6262	36	22.9	50.98	1.167	0	0	0	12	11.4	0	0	0	7.33	0.1853	0.0105	16.8	177	0.0685	38.83	0	51.9	0.5195	0.015	0.3439	0						
05968	324	325	1		400	16.5	10.8	38.3	0	21.4	16.8	105.3	0.7057	0	0	0	0	22.2	0	0	0	9.77	0.5617	0.0163	27.3	105	0.224	170.5	0.0082	90	0.681	0.0219	0.4172	0						
05969	325	326	1		160	8.56	6.4	10.5	0	21.4	13.6	78.05	0.653	0	0	0	10	13.4	0	0	0	9.16	0.3459	0.01	19.6	205	0.1813	128.3	0.0077	82.7	0.5405	0.02	0.3834	0						
05970	326	327	1		230	16.4	14	48	0	22.8	19.1	163.7	0.9509	0	0	0	23	21.2	0	0	0	9.77	0.564	0.0127	23.1	157	0.4732	156.9	0.0128	90.8	0.7771	0.0258	0.5853	0						
05971	327	328	1		710	4.89	13.4	33.3	0	20.4	7.14	73.53	0.3329	0	0	0	7	38.5	0	0	0	7.63	0.5871	0.0134	26.1	140	0.0479	200.8	0	76.8	0.3773	0.0344	0.2795	0						
05972	328	329	1		380	3.38	8.73	6.25	0	16.4	6.91	62.04	0.33	0	0	0	16	32.6	0	0	0	7.94	0.435	0.0102	24.1	148	0.0646	151.6	0.0063	66.9	0.4184	0.0402	0.2962	0						
05973	329	330	1		260	2.16	11.2	6.88	0.6266	17.9	8.16	57.97	0.394	0	0	0	25	31.8	0	0	0	7.33	0.4023	0.0106	21.6	165	0.0428	214.8	0	75.8	0.3972	0.0364	0.2729	0						
05974	330	331	1		450	4.95	12.5	12.7	0	25.1	14.4	65.77	0.6897	0	0	0	10	20.1	0	0	0	7.94	0.3834	0.0193	25.6	180	0.119	153.9	0.0065	67	0.5507	0.0241	0.3535	0						
05975	331	332	1		140	8.84	9.29	17.9	0.8759	20	12.4	183.2	0.5928	0	0	0	11.5	22.2	0	0	0	8.55	0.812	0.008	28.3	171	0.3195	124.6	0.005	62.8	0.4465	0.0166	0.3035	0						
05976	332	333	1		230	12.8	5.01	13.2	0	21.8	13	105.7	0.6326	0	0	0	6.2	18.8	0	0	0	9.47	0.6341	0.0156	29.9	180	0.2517	124.9	0.0077	70.1	0.5043	0.0234	0.3484	1.09						
05977	333	334	1		340	3.68	4.97	11.4	0	19.3	8.2	46.63	0.3805	0	0	0	17.1	10.9	0	0	0	5.49	0.1961	0.0052	13.6	188	0.071	147.3	0	89.9	0.2333	0.0263	0.1795	0						
05978	334	335	1		170	4.19	5.32	20	0	17.2	11.6	124.8	0.5681	0	0	0	11.7	17.4	0	0	0	5.8	0.4748	0.0076	24.1	176	0.2297	118.1	0.0073	96.4	0.4849	0.0233	0.3293	0						
05979	335	336	1		270	5.71	6.14	14.5	0	21.1	12.9	105.7	0.6022	0	0	0	17.3	18.7	0	0	0	8.24	0.4185	0.0078	26.9	164	0.2006	207.5	0.011	86.9	0.5746	0.0241	0.4076	0						
05980	336	337	1		230	4.66	5.66	13.4	0	21.6	15.6	102.9	0.7081	0	0	0	19.1	11.5	0	0	0	9.77	0.2903	0.009	28.6	148	0.1833	147.7	0.0094	80.4	0.6087	0.0243	0.4228	0						
05981	337	338	1		130	7.45	5.45	14	1.126	17.6	12.7	139.5	0.6058	0	0	0	18.9	16.3	0	0	0	6.11	0.6095	0.0123	26.3	111	0.217	152.3	0.0118	82.9	0.4507	0.023	0.2925	0						
05982	338	339	1		310	12	5.45	13.4	0	21.2	14.4	126.8	0.6887	0	0	0	11	16.2	0	0	0	8.55	0.561	0.0062	25.9	128	0.241	182.4	0.0065	72.7	0.531	0.0222	0.3553	0						
05983	339	340	1		310	4.19	5.44	10.2	0	19.7	11.4	40.28	0.5287	0	0	0	20.2	11.6	0	0	0	9.47	0.2979	0.0078	34.4	161	0.1845	139	0.013	68.9	0.5859	0.0242	0.3839	0						
05984	340	341	1		230	4.14	7.22	13.3	0	20.6	13.8	121.2	0.6594	0	0	0	13.6	15.1	0	0	0	8.86	0.4093	0.0092	32.6	123	0.2627	165.9	0.0174	73.6	0.5845	0.0225	0.3647	0						
05985	341	342	1		240	5.71	5.53	9.25	0	19.1	12.8	82.82	0.6024	0	0	0	10.4	12.5	0	0	0	7.63	0.3809	0	25.9	144	0.1568	114.8	0.0065	84.4	0.4252	0.0228	0.2889	0						
05986	342	343	1		230	14.7	6.44	18	0	17	13.1	159.3	0.6098	0	0	0	22.1	12.6	0	0	0	9.77	0.6691	0.006	28.9	125	0.3451	83.42	0.0245	68.8	0.5296	0.0177	0.3412	0						
05987	343	344	1		430	4.9	4.37	10.8	0	19.1	10.4	78.71	0.4567	0	0	0	11.5	11.5	0	0	0	5.19	0.3459	0.0067	24.1	143	0.1709	87.69	0.008	67.5	0.3876	0.0188	0.2488	0						
05988	344	345	1		310	29.5	6.27	27.7	0	35.4	28.7	145.1	1.282	0	0	0	15.6	12.9	0	0	0	20.8	0.5584	0.0139	27.4	134	0.5008	69.12	0.0278	88.8	0.7114	0.0221	0.4898	0						
05989	345	346	1		940	6.41	6.09	154	0	20	16.9	99.77	0.7156	0	0	0	13.5	13.2	0.804	0	0	7.94	0.4	0.006	27.6	122	0.231	80.13	0.0118	105	0.5938	0.0224	0.3436	0						
05990	346	347	1		220	4.61	4.41	12	0	18.8	10.4	77.14	0.4466	0	0	0	19.9	12.4	0	0	0	5.19	0.3509	0.0071	26.6	141	0.1758	90.13	0.0087	85.2	0.4162	0.0209	0.2596	0						
05991	347	348	1		240	7.64	5.66	17.1	0	16.4	11	100.2	0.4527	0	0	0	15.7	15.8	0	0	0	5.8	0.4178	0	22.4	160	0.1783	92.7	0.0072	107	0.449	0.0207	0.2634	0						
05992	348	349	1		460	9.61	9.12	212	0.8142	25.2	17.6	142.9	0.7615	0	0	0	16.1	17.7	1.33	0	0	8.55	0.5907	0	24.1	195	0.2438	100.9	0.009	98.7	0.5502	0.0202	0.3291	0						

Appendix 5.2.7 - 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
SX05005	391.7	270	-45	525003.4	5494867.8	1753	COMPLETE	5/24/2005	D. L. Pighin

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
05993	349	350	1		240	4.43	6.31	13.1	0	15.4	8.52	90.69	0.351	0	0	0	16.2	13.2	0	0	0	6.72	0.3084	0	26.9	160	0.1371	144.3	0.0053	84.1	0.4363	0.0196	0.2705	0						
05994	350	351	1		550	6.4	7.39	29	0	21.9	12.8	198.9	0.602	0	0	0	7.74	18.8	0	0	0	8.55	0.8005	0	29.8	172	0.2846	87.76	0.01	91.5	0.545	0.0179	0.2958	0						
05995	351	352	1		230	6.98	5.19	16.2	0	11.4	10.9	117.9	0.5067	0	0	0	16.4	21.1	0	0	0	5.8	0.5807	0.0054	29.8	101	0.2009	126.5	0.0057	75.2	0.3736	0.0136	0.2223	0						
05996	352	353	1		190	2.39	17.4	110	0	18.1	12.3	73.69	0.4663	0	0	0	21.1	18.7	0.865	0	0	4.88	0.336	0.0114	22.1	113	0.0894	157.6	0	70.7	0.3904	0.0135	0.2263	0						
05997	353	354	1		330	7.62	16.2	53.7	0.5005	23.2	24	104	0.7654	0	0	0	14.3	22.8	0	0	5.72	7.94	0.6138	0.0113	24.6	123	0.159	122.1	0.0054	74.6	0.4147	0.0174	0.2289	0						
05998	354	355	1		130	5.65	6.78	23.2	0	12.7	10.2	98.19	0.4791	0	0	0	0	101	0	0	0	7.63	0.6964	0.0258	36.9	95	0.1459	227.3	0.0103	119	0.4588	0.0329	0.2656	0						
05999	355	356	1		330	6.47	7.39	28.7	0	19.7	11.8	169.9	0.5692	0	0	0	11.4	28.8	0	0	0	8.55	0.7216	0.0083	29.6	138	0.3338	83.75	0.0118	108	0.5721	0.0265	0.3374	0						
06000	356	357	1		170	13.8	6.05	35.6	0	18.1	16.1	224.4	0.6958	0	0	0	0	27.3	0	0	0	10.4	0.7706	0.005	24.3	178	0.4251	47.13	0.0131	83.3	0.4816	0.0183	0.3562	0						
06001	357	358	1		920	10.1	6.4	15.1	0	21.9	10.3	72.6	0.4579	0	0	0	22.2	15.7	0	0	0	8.24	0.4414	0.0061	37.9	109	0.186	81.26	0.0066	96.4	0.6279	0.0269	0.3553	1.15						
06002	358	359	1		260	15.1	8.47	20.2	0	19.1	18.2	112	0.8855	0	0	0	23.2	16.2	0	0	1.43	12.2	0.5658	0.005	27.1	147	0.6042	64.87	0.0188	100	0.919	0.0276	0.6408	0						
06003	359	360	1		470	136	13.5	95.8	0	75.2	65.8	498.9	3.597	0	0	0	0	37.9	0.726	0	1.07	70.6	0.9094	0.0356	23.8	167	2.256	29.34	0.1106	86.3	1.597	0.0326	1.551	0						
06004	360	361	1		1550	86.3	9.25	52.6	0	56.1	37.6	234.2	1.844	0	0	0	0	23.8	0	0	0	33.9	0.7581	0.0218	25.4	93.5	0.9072	60.61	0.0591	103	1.108	0.0304	0.9406	0						
06005	361	362	1		220	13.3	14.5	257	0.5009	17.3	13.2	155.5	0.5031	0	0	0	8	20.7	1.36	0	0	8.55	0.6636	0.0105	31.4	131	0.2768	73.83	0.0119	135	0.528	0.0264	0.3473	0						
06006	362	363	1		250	11.4	6.7	18.8	0	21.9	15.3	145.7	0.6914	0	0	0	16.2	18.7	0	0	0	6.72	0.7068	0.0084	27.9	114	0.2355	103.7	0.0081	108	0.4827	0.0231	0.2846	0						
06007	363	364	1		340	8.67	6.83	43.3	0	20	15.8	153.1	0.7463	0	0	0	14.7	19.4	0	0	0	8.85	0.5795	0.0071	26.1	146	0.2674	103.2	0.0093	115	0.498	0.0234	0.3227	0						
06008	364	365	1		430	7.46	5.49	31.2	0	17.9	12	115.8	0.5314	0	0	0	19.4	16.1	0	0	0	9.77	0.5841	0.0122	27.1	161	0.2511	55.36	0.0105	113	0.4752	0.0217	0.2881	0						
06009	365	366	1		730	5.13	5.71	28.8	0	23.2	10.8	106.5	0.4821	0	0	0	22.7	13.2	0	0	0	8.25	0.3448	0.0069	21.9	201	0.1711	47.69	0.0058	108	0.4312	0.0221	0.2837	0						
06010	366	367	1		520	7.76	4.19	15.9	0	20.3	11.6	81.89	0.4895	0	0	0	9.87	9.62	0	0	0	4.27	0.2778	0	16.1	135	0.1565	30.99	0.0078	120	0.3914	0.0215	0.2513	0						
06011	367	368	1		570	15.2	4.41	16.4	0	24.7	18.2	85.04	0.7858	0	0	0	12.8	15.3	0	0	0	7.33	0.3581	0.005	21.3	128	0.1724	74.18	0.0058	119	0.3958	0.0217	0.2755	0						
06012	368	369	1		410	27.8	5.88	56	0	33.6	27.6	176.9	1.163	0	0	0	0	20.7	0	0	0	10.7	0.7512	0.0143	23.6	89.5	0.369	60.43	0.0146	127	0.4878	0.0227	0.3465	0						
06013	369	370	1		350	130	340	2060	0.5009	39.8	35.6	54.13	1.645	0	0	0	0	13.2	12.6	0	351	6.41	0.2359	0.0089	12	114	0.0622	15.4	0	130	0.2985	0.0238	0.2304	0						
06014	370	371	1		510	33.2	31.9	68.1	0	28.7	18.4	86.87	0.7698	0	0	0	0	17.7	0.579	0	25.4	5.19	0.4052	0	16.3	112	0.134	66.52	0	101	0.2218	0.0169	0.1687	0						
06015	371	372	1		300	14.1	7.35	29.7	0	19.1	13.6	91.96	0.6116	0	0	0	24.2	14.3	0	0	1.07	8.55	0.3516	0.0069	23.6	117	0.2052	92.45	0.0087	92	0.4561	0.0198	0.319	0						
06016	372	373	1		230	10.3	7.13	17.1	0	21	13.4	112.7	0.6153	0	0	0	14.6	17.8	0	0	0	9.16	0.55	0.0074	25.1	152	0.2154	103.1	0.0105	82.5	0.5544	0.021	0.3526	0						
06017	373	374	1		350	22.3	5.75	16.4	0.5006	20.2	14.2	111.9	0.6188	0	0	0	0	25.3	0	0	0	8.24	0.5688	0.0082	22.3	88.8	0.2497	114.4	0.008	106	0.337	0.0221	0.2383	0						
06018	374	375	1		320	13.1	7.04	16.6	0	30.9	34.4	164.4	1.127	0	0	0	0	22	0	0	0	6.72	0.6978	0.0083	24.6	117	0.2387	73.72	0.0062	86.8	0.467	0.017	0.3015	0						
06019	375	376	1		280	6.24	5.4	13.6	0	20.9	17	113.7	0.6566	0	0	0	16.9	13.4	0	0	0	7.94	0.4259	0.0075	24.6	119	0.2261	84.16	0.006	125	0.4385	0.0282	0.2832	0						
06020	376	377	1		260	10.1	5.53	18	0	18.8	12.8	104.6	0.5916	0	0	0	10.5	12.1	0	0	0	6.41	0.3987	0.005	19.8	118	0.1779	113.4	0.0064	122	0.3717	0.0239	0.254	0						
06021	377	378	1		290	10.7	10.2	24.1	0	17.1	9.57	55.11	0.4165	0	0	0	17	7.93	0	0	0	6.72	0.2453	0	14.1	132	0.1046	105.2	0	126	0.3361	0.0209	0.2323	0						
06022	378	379	1		5270	10.7	25.6	103	0	28.9	14.6	73.21	0.5808	1	0	0	6.96	10.7	0.863	0	0	7.51	0.3029	0	12.4	113	0.0939	79.46	0	109	0.391	0.0188	0.1914	0						
06023	379	380	1		430	7.89	5.41	10.5	0	20.6	8.38	71.22	0.3203	1	0	0	3.81	11.3	0	0	0	5.01	0.2289	0	15.2	148	0.0792	107.2	0	108	0.2466	0.0205	0.1753	0						
06024	380	381	1		290	10.4	4.42	10.7	0	16.1	10.2	80.11	0.4074	0	0	0	4	10.4	0	0	0	5.36	0.3026	0	15.9	120	0.1091	101.7	0	167	0.2428	0.0181	0.1711	0						
06025	381	382	1		220	5.64	7.8	9.69	0	17.8	8.9	105.3	0.3579	0	0	0	6.8	20.8	0	0	0	5.01	0.4441	0.0078	20.8	116	0.1097	88.8	0	141	0.3195	0.0345	0.1873	0						
06026	382	383	1		330	9.12	5.57	17.2	0	24.5	11.3	118.8	0.4787	0	0	0	1.08	16.2	0	0	0	6.8	0.4783	0	23.3	146	0.1955	88	0.0052	120	0.3555	0.0232	0.2401	0						
06027	383	384	1		440	7.41	7.75	11.6	0	25.2	12.6	107.6	0.5376	0	0	0	5.12	14.5	0	0	0	5.36	0.4209	0.0057	20.8	168	0.1524	114.1	0.0052	121	0.3778	0.0253	0.241	0						
06028	384	385	1		370	9.79	6.14	19.3	0	22.7	13.1	169.2	0.5626	0	0	0	2.61	18.8	0	0	0	9.66	0.6505	0	23.9	172	0.2384	106.2	0.0051	127	0.4163	0.0216	0.2503	0						
06029	385	386	1		330	15.9	8.12	31.9	0	17.9	14.3	183.9	0.5508	0	0	0	19.5	18	0	0	0	10.4	1.004	0.0051	30.7	112	0.3146	75.4	0.0079	135	0.3926	0.0246	0.2001	3.73						
06030	386	387	1		390	8.23	7.34	11.5	0	23.3	13.1	88.52	0.5429	0	0	0	19.9	15.8	0	0	0	8.23	0.4935	0.006	32	133	0.191	111.7	0.0077	187	0.4735	0.0393	0.2715	0						
06031	387	388	1		520	11.4	6.92	14.8	0	23.3	14.2	124.8	0.5867	0	0	0	5.75	16.9	0	0	0	8.94	0.7418	0.0114	30.1	163	0.2929	105.6	0.0145	115	0.5215	0.0292	0.3308	0						
06032	388	389	1		1000	5.78	10.5	11.6	0	40.7	20	104.9	0.6579	0	0	0	14.6	14.1	0	0	0	6.08	0.4154	0.007	19	119	0.1779	121.6	0	275	0.3662	0.0515	0.2422	3.28						
06033	389	390	1		290	8.42	10.9	14.3	0	23.4	12.2	113.9	0.4867	0	0	0	11.7	17.9	0	0	0	5.72	0.6182	0.0116	22	109	0.2272	89.37	0.0129	108	0.3774	0.0249	0.2637	0						
06034	390	391	1		200	9.52	6.14	13	0	16.8	13.1	104.9	0.509	0	0	0	1.21	13.1	0	0	0	5.72	0.551	0.006	21.1	107	0.2518	79.43	0.0152	89.3	0.3782	0.0196	0.2576	0						

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06035	7	8	1		50	17.5	3.8	16	0	20.5	15.2	150.3	0.6309	0	0	0	12.5	10.4	0	0	0	6.08	0.5987	0.0058	22.4	136	0.2011	75.35	0.0052	172	0.3733	0.0312	0.2487	0						
06036	8	9	1		40	12.9	5.88	14.2	0	18	14.1	172	0.5799	0	0	0	12.4	7.95	0	0	0	3.21	0.4469	0.0083	24.9	109	0.1399	86.82	0.0087	133	0.475	0.0263	0.2975	0						
06037	9	10	1		150	16	4.21	8.15	0	29.4	21.2	43.65	0.7486	0	0	0	3.09	5.06	0	0	0	2.14	0.1778	0.0085	15.2	68.9	0.0665	64.24	0	123	0.3247	0.0239	0.2304	0						
06038	10	11	1		50	17.1	5.83	53.4	0	22.7	19.1	222.8	0.8079	0	0	0	5.71	8.72	0	0	0	8.94	0.7703	0.01	27.7	106	0.2051	97.66	0.0091	88.5	0.509	0.0203	0.3284	0						
06039	11	12	1		60	15.8	6.76	17.8	0	20.5	16.7	212.5	0.6548	0	0	0	4.8	8.52	0	0	0	6.44	0.5544	0.0092	26.4	102	0.1681	65.38	0.0094	136	0.4919	0.0269	0.3241	0						
06040	12	13	1		20	7.69	4.37	7.03	0	14.8	8.97	20.69	0.3455	1	0	0	18.2	2.69	0	0	0	1.06	0.1532	0.0125	24.9	91.4	0.0508	47.34	0.0056	120	0.3687	0.0229	0.2687	0						
06041	13	14	1		90	12.2	5.72	9.47	0	23.8	16.3	112.3	0.7053	0	0	0	10.1	7.44	0	0	0	3.57	0.3846	0.0087	19.9	112	0.1717	54.88	0.0087	164	0.4515	0.0285	0.2794	0						
06042	14	15	1		350	15.7	6.92	24.1	0	25.6	17.8	181.3	0.7759	0	0	0	2.21	11.7	0	0	0	7.15	0.648	0.0111	20.8	114	0.2945	69.17	0	31.7	0.3018	0.0076	0.2187	0						
06043	15	16	1		20	28.7	67	269	1.852	55.4	48.4	410.9	2.355	0	0	0	0	18.3	1.82	2.66	0	6.44	1.443	0	28.6	91.8	0.5738	19.1	0	29.9	0.1598	0.0055	0.1209	0						
06044	16	17	1		50	7.2	23.3	113	0	78.4	57	283.7	3.099	0	0	0	0	15.9	1.3	2.24	5.95	5.01	0.6392	0.0074	16.1	121	0.2492	8.995	0	26.6	0.1846	0.0062	0.1422	0						
06045	17	18	1		50	24.5	4.32	19.1	0	22	19.8	241.1	0.8448	0	0	0	6.32	12.5	0	0	0	5.36	0.9993	0.007	23	79.3	0.2873	46.28	0	25	0.2086	0.0057	0.1385	0						
06046	18	19	1		160	28	4.73	21.4	0	29.7	23.7	310.3	1.043	0	0	0	2.84	11.3	0	0	0	6.08	1.263	0.0074	26.4	107	0.4172	53.8	0.007	31.8	0.3113	0.0065	0.217	0						
06047	19	20	1		140	6.26	3.07	7.39	0	14.4	8.84	38.33	0.3391	0	0	0	5.76	4.43	0	0	0	0	0.2353	0.02	11.2	51.7	0.0495	49.84	0	24.7	0.1871	0.0075	0.1397	0						
06048	20	21	1		250	3.68	2.76	53	0	18.5	10.7	31.8	0.4314	0	0	0	0	2.44	0	0	0	1.42	0.1335	0.0054	6.21	55.9	0.0402	42.67	0	21.8	0.1636	0.007	0.1295	0						
06049	21	22	1		70	11.6	4.94	11.2	0	18	12.4	70.9	0.5018	0	0	0	8.92	6.61	0	0	0	5.72	0.4047	0.0283	18.7	90.9	0.1393	71.18	0	20.8	0.2899	0.0093	0.2178	0						
06050	22	23	1		50	44.7	4.11	24.3	0	36.4	31.3	346.6	1.483	0	0	0	0	17.6	0	0	0	7.87	1.636	0.0417	26.7	114	0.7333	51.7	0	28.9	0.2639	0.0066	0.1894	4.52						
06051	23	24	1		150	24.6	5.15	31.4	0.8056	41	33.9	93.08	1.461	0	0	0	5.81	9.81	0	0	0	6.44	0.3841	0.0298	15.5	75.2	0.2668	38.54	0.01	25.3	0.4337	0.0084	0.3097	0						
06052	24	25	1		610	7.48	4.48	9.94	0	36.2	19.1	97.25	0.8513	0	0	0	0	8.72	0	0	0	4.29	0.323	0.0083	14.3	104	0.1228	66.38	0	20.6	0.2728	0.0071	0.202	0						
06053	25	26	1		130	11.6	2.91	8.43	0	16.9	11.3	55.96	0.4324	0	0	0	1.18	4.87	0	0	0	3.21	0.1901	0.0078	10.9	62.7	0.0808	86.16	0	21.6	0.1768	0.0062	0.1376	0						
06054	26	27	1		90	6.47	4.99	7.4	0	17.1	10.7	44.46	0.4295	0	0	0	4.46	5.32	0	0	0	2.85	0.1731	0.0067	18.3	90.9	0.0643	87.12	0	21.1	0.2754	0.0072	0.1919	0						
06055	27	28	1		90	9.26	4.11	6.21	0	19.9	11.5	46.76	0.4575	0	0	0	6.13	3.4	0	0	0	1.78	0.1682	0.0091	10.6	95.6	0.0577	56.77	0	22.1	0.244	0.0073	0.1889	0						
06056	28	29	1		70	16	4.53	13.5	0	16.5	13.1	195.9	0.5666	0	0	0	2.49	8.14	0	0	0	3.58	0.7909	0.0241	25.5	74	0.2064	81.86	0	23	0.2161	0.0058	0.1571	0						
06057	29	30	1		170	17	5.05	13.8	0	23.1	16.4	208.7	0.6891	0	0	0	0	7.62	0	0	0	6.44	0.8539	0.0101	25.1	126	0.2627	73.39	0.0071	24.8	0.3644	0.0062	0.2452	1.04						
06058	30	31	1		310	5.51	2.97	5.35	0	16.9	6.1	63.18	0.2655	0	0	0	0	5.26	0	0	0	0	0.228	0.0063	10.9	98.1	0.0714	88.11	0	21.1	0.127	0.0051	0.1062	0						
06059	31	32	1		70	4.42	5.46	17.3	0.7254	16.5	12.1	41.77	0.4979	0	0	0	18.3	3.85	0	0	0	1.42	0.1221	0.0078	13.1	91.9	0.0481	78.05	0	19.4	0.3137	0.0081	0.2279	0						
06060	32	33	1		100	15.4	4.74	20	0	17.4	17.1	221.9	0.7272	0	0	0	0	17.5	0	0	0	7.15	1.051	0.0196	27.3	120	0.3608	75.94	0	24.9	0.2438	0.0063	0.1723	0						
06061	33	34	1		130	7.08	3.43	4.25	0	14.8	10.6	17.24	0.3622	0	0	0	2.46	4.04	0	0	0	1.42	0.1335	0.0065	14.3	79.4	0.0401	72.45	0	22.3	0.2366	0.0073	0.1837	0						
06062	34	35	1		100	3.88	6.45	13.9	0.9663	13.7	11.8	12.63	0.2693	1	0	0	40.3	3.91	0	0	0	1.43	0.1013	0.0062	14.6	80.9	0.0324	67.08	0	22.5	0.2721	0.0081	0.1908	0						
06063	35	36	1		60	5.58	6.55	26.8	0	13.9	11.6	40.24	0.3448	1	0	0	12.8	5.39	0	0	0	2.14	0.2165	0.0056	18.7	94	0.0641	75.5	0	22.1	0.2194	0.0066	0.1429	0						
06064	36	37	1		90	2.92	43.1	55.3	0.8849	19	16.3	43.22	0.6103	1	0	0	12.9	6.47	0	0	0	2.15	0.1822	0.0066	12.4	32.8	0.0551	74.38	0	18.6	0.1662	0	0.0815	0						
06065	37	38	1		160	11.1	5.05	18.4	0	24.2	18.8	196.5	0.7842	0	0	0	3.49	13.6	0	0	0	3.58	0.9153	0.0055	21.1	67.2	0.2544	59.09	0	23.3	0.2305	0.0064	0.1549	0						
06066	38	39	1		220	18.1	25.3	39.1	1.287	32.6	25.9	208	1.047	0	0	0	0	11.1	0	0	2.75	5.72	0.763	0	16.1	67.7	0.2525	22.46	0	21.6	0.1255	0.005	0.1	0						
06067	39	40	1		160	7.95	6.19	12.1	0	23.6	19.9	118.7	0.8304	0	0	0	0	7.76	0	0	0	2.14	0.4036	0.0061	13.1	66.8	0.1394	47.25	0	20.6	0.1739	0.0058	0.1338	0						
06068	40	41	1		80	12	3.69	8.28	0	13.9	12.5	103.1	0.4591	0	0	0	1.17	6.29	0	0	0	3.93	0.3797	0.0102	12.7	53.8	0.1098	37.41	0	15.7	0.1269	0	0.0961	0						
06069	41	42	1		50	30.6	3.28	7.65	0	19.3	17.8	144.9	0.6414	0	0	0	0	7.89	0	0	0	1.06	0.4108	0	11.5	55.9	0.1015	33.92	0	15.5	0.199	0.0063	0.1482	0						
06070	42	43	1		50	18	4.68	7.09	0	16.1	13	75.51	0.5153	0	0	0	0	7.06	0	0	0	3.21	0.4247	0.007	17.4	68.9	0.1123	74.5	0	16	0.2691	0.0071	0.1976	0						
06071	43	44	1		40	11.7	3.85	4.91	0.5637	15.4	14.1	78.49	0.5292	0	0	0	0	7.11	0	0	0	2.5	0.3594	0.0076	12.7	51.6	0.0756	57.23	0	17.7	0.1711	0.0054	0.1415	0						
06072	44	45	1		30	10.4	4.73	9.9	0	13.5	11.2	191.8	0.4626	0	0	0	0	7.69	0	0	0	3.57	0.6341	0.0072	19.9	67.8	0.1669	40.35	0.0123	19.6	0.3688	0.0058	0.2466	0						
06073	45	46	1		30	10.7	4.32	8.27	0	16.1	10.5	152.4	0.4549	0	0	0	8.61	6.09	0	0	0	3.57	0.5403	0.0085	17.1	77.7	0.1517	37.5	0	18.6	0.2635	0.008	0.1875	0						
06074	46	47	1		50	7.96	3.59	7.68	0	13.5	10.5	66.69	0.4671	0	0	0	0	5	0	0	0	1.06	0.3315	0.0071	11.5	50.1	0.1088	34.68	0	16.8	0.175	0.0057	0.131	0						
06075	47	48	1		50	11.5	2.81	10.3	0	14.8	12.4	146.1	0.5533	0	0	0	3.21	10.2	0	0	0	2.86	0.7603	0.017	19.6	75.6	0.1937	43.15	0	18	0.1517	0	0.0954	0						
06076	48	49	1		110	7.62	3.64	11.9	0.6448	17.8	13.2	72.05	0.6086	0	0	0	2.23	4.68	0	0	0	2.14	0.3652	0.0093	13.1	64.7	0.117	70.33	0	17.8	0.1819	0.0054	0.1255	0						
06077	49	50	1		50	8.78	3.49	7.02	0	15.7	13.5	85.86	0.5817	0	0	0	4.29	4.43	0	0	0	3.57	0.3238	0	14.6	95	0.1133	41.36	0	16.4	0.2048	0.0059	0.1486	0						
06078	50	51	1		240	0	3.43	3.11	0	16.9	12.2	4.974	0.4931	0	0	0	17.4	2.24	0	0	0	2.14	0.0337	0.0054	5.59	55.9	0.0166	39.37	0	18	0.2122	0.0058	0.1429	0						
06079	51	52	1		80	8.44	4.06	7.96	0	15.6	14	99.27	0.5355	0	0	0	0	7.7	0	0	0	4.65	0.44	0.0055	21.8	118	0.1574	83.71	0	21.8	0.2747	0.0065	0.1879	0						
06080	52	53	1		100	11.7	4.32	11.7	0	17	16.5	124.2	0.6376	0	0	0	12.8	8.15	0	0	0	3.93	0.5697	0.01	21.2	56.9	0.2166	55.95	0	23	0.1663	0.0057	0.1262	0						
06081	53	54	1		100	6.4	4.79	8.73	0	15	16.1	107.7	0.5615	0	0	0	13.1	8.73	0	0	0	3.57	0.5034	0.0135	21.8	50.6	0.1765	50.82	0.0053	22	0.3267	0.0072	0.2261	0						
06082	54	55	1		140	20.6	5.2	10.7	0	26.3	23.2	121.1	0.8592	0	0	0	12.6	7.25	0	0	0	2.85	0.4126	0.0183	17.4	53.3	0.1531	40.78	0	20.6	0.3	0.0073	0.2133	0						
06083	55	56	1		110	6.53	4.21	12.5	0	13.1	13.2	166.4	0.4748	0	0	0	4.23	8.73	0	0	0	2.49	0.5596	0.0169	19.3	37.6	0.1893	40.1	0	21.9	0.194	0.0056	0.136	0						
06084	56	57	1		340	5.17	3.17	14.3	0	18.6	11.1	103.9	0.4912	0	0	0	0	8.92	0	0	0	2.49	0.3992	0.0085	13.7	83	0.1741	25.98	0	26.2	0.2321	0.0065	0.1572	1.89						
06085	57	58	1		410	5.91	3.8	96.3	0	32.3	24.3	82.63	0.9681	0	0	0	0	9.67	0.729	0	0	2.15	0.2784	0	7.76	47.4	0.1182	11.25	0	23	0.0926	0	0.0695	0						
06086	58	59	1		170	8.02	18.2	20.3	0	26.4	21.1	117.9	0.9523	0	0	0	0	12.9	0	0	13.7	2.14	0.3225	0	9.94	63.6	0.2036	34.6	0.0072	20.6	0.3059	0.0065	0.2098	0						
06087	59	60	1		130	3.06	3.07	6.27	0	9.45	7.8	47.47	0.3174	0	0	0	2.6	5.06	0	0	1.37	2.5	0.2601	0.0051	13.4	60	0.0768	16.68	0	18.4	0.1733	0.006	0.1187	0						
06088	60	61	1		80	2.92	3.74	4.82	0	8.5	5.73	40.58	0.278	0	0	0	0	5.13	0	0	0	1.43	0.3056	0.005	11.5	52.7	0.101	17.5	0	16.4	0.1189	0	0.0854	0						
06089	61	62	1		180	4.29	4.27	7.62	0	14.4	8.47	52.51	0.4007	0	0	0	0	6.86	0	0	0	3.93	0.3857	0.0064	19.3	119	0.1422	37.42	0	19.1	0.2774	0.0066	0.1705	0						

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06090	62	63	1		160	48.3	2.97	7.41	0	38.9	23.7	19.54	0.7734	0	0	0	0	6.74	0	1.03	0	3.57	0.214	0.0054	10.6	85.6	0.0881	27.94	0	20.6	0.2173	0.0052	0.1427	0						
06091	63	64	1		110	3.74	3.38	4.24	0	11.9	5.84	27.21	0.2687	1	0	0	5.42	5.39	0	0	0	2.85	0.1937	0	11.8	78.9	0.0744	29.4	0	19.3	0.2038	0.0051	0.1271	0						
06092	64	65	1		160	11.7	5.36	15.6	0	18.8	16.3	105.8	0.7146	0	0	0	0	6.03	0	0	0	6.8	0.5612	0.0053	15.5	73.1	0.29	18.81	0.0092	22.6	0.3549	0.0062	0.2068	2.14						
06093	65	66	1		60	9.66	3.49	5.24	0	14.1	11.6	33.34	0.4073	0	0	0	8.06	4.87	0	0	0	2.85	0.1609	0.0077	11.2	42.8	0.0591	27.99	0.0058	18	0.2704	0.0065	0.1752	0						
06094	66	67	1		490	4.02	4.58	298	0	23.6	14.7	96.21	0.6734	0	0	0	1.6	7.83	1.62	0	0	1.78	0.2948	0.0057	14.6	69.5	0.1137	45.69	0.0062	19.6	0.3111	0.0065	0.2022	0						
06095	67	68	1		190	13.5	4.73	15.2	0	22.2	21.9	184.4	0.9269	0	0	0	0	9.03	0	0	0	8.59	0.8461	0.0054	18	54.7	0.3126	19.73	0.0102	18.9	0.3287	0.0053	0.1834	0						
06096	68	69	1		160	8.64	3.02	9.1	0	12	10.3	44.07	0.4286	0	0	0	0	8.21	0	0	0	2.49	0.2618	0.013	14	43.3	0.0981	49.29	0	16.1	0.2436	0.005	0.1609	0						
06097	69	70	1		250	1.77	4.58	23.3	0	53.5	37.7	47.51	1.741	0	0	0	0	6.93	0	0	0	2.85	0.1959	0.007	9.01	77.3	0.0754	6.685	0	15.7	0.2005	0	0.1336	0						
06098	70	71	1		230	5.1	3.02	10.8	0	15	9.29	86.62	0.4219	0	0	0	4.96	6.67	0	0	0	2.14	0.1967	0.0147	10.3	38.1	0.079	58.42	0	16.4	0.2491	0	0.1592	0						
06099	71	72	1		60	6.74	4.63	12.3	0	16.9	12.9	147.2	0.6135	0	0	0	0	6.74	0	0	0	3.21	0.3623	0.009	13.7	48	0.1726	23.27	0	14.9	0.2058	0	0.1346	0						
06100	72	73	1		270	8.36	3.49	8.4	0	18.9	11.9	44.8	0.5225	0	0	0	2.31	4.49	0	0	0	1.78	0.166	0.0152	11.5	33.4	0.0874	39.25	0.0057	14.4	0.289	0.0059	0.1872	0						
06101	73	74	1		120	9.94	4.58	10.4	0	13.2	11.9	106.5	0.5421	0	0	0	6.43	5.32	0	0	0	3.57	0.3901	0.0051	14.9	60	0.2129	33.51	0.016	19.7	0.3303	0	0.1669	0						
06102	74	75	1		180	11.9	4.63	9.42	0	15	9.69	102.2	0.4742	0	0	0	0	5.38	0	0	0	2.86	0.4611	0.0064	19	66.8	0.1642	35.26	0.0055	19.7	0.2603	0.0054	0.1642	0						
06103	75	76	1		240	6.4	3.33	5.43	0	11.4	7.99	35.26	0.3564	0	0	0	0	3.08	0	0	0	1.42	0.1196	0.0109	14	42.8	0.0484	37.77	0	16.3	0.2336	0.0053	0.1474	0						
06104	76	77	1		100	14.1	4.37	29.2	0	25.1	22.7	203.5	1.083	0	0	0	0	11.4	0	0	0	2.5	0.85	0	18.6	93.3	0.3297	33.11	0.0082	22.6	0.3627	0.0052	0.2193	0						
06105	77	78	1		280	4.01	3.9	5.93	0	17.1	8.48	40.58	0.4154	0	0	0	0	3.91	0	0	0	1.78	0.1182	0	10.9	49	0.0436	37.13	0	16.6	0.2034	0.0176	0.1286	0						
06106	78	79	1		240	6.6	3.95	6.47	0	11.2	7.68	55.57	0.3697	0	0	0	0	5.26	0	0	0	2.14	0.2429	0	13.7	63.7	0.1147	24.43	0.0083	16.9	0.2578	0.0053	0.1642	0						
06107	79	80	1		140	11.5	3.9	11.8	0	15.4	13	96.59	0.5442	0	0	0	8.4	6.67	0	0	0	4.29	0.5312	0	16.5	78.3	0.2263	26.59	0.0077	17.9	0.2714	0.0176	0.1674	0						
06108	80	81	1		170	8.64	3.85	6.33	0	17.5	12.4	47.14	0.4633	0	0	0	12	3.53	0	0	0	2.85	0.1833	0	11.5	45.4	0.0828	28.59	0	15.4	0.1697	0.0176	0.1202	0						
06109	81	82	1		100	3.34	3.75	6.01	0	17.5	12.2	35.26	0.5683	0	0	0	0	3.59	0	0	0	1.78	0.2225	0	10.6	55.9	0.0919	25.97	0.0051	18	0.2349	0.0054	0.1576	0						
06110	82	83	1		310	4.97	9.16	30.1	0	14.2	8.2	97.35	0.4054	0	0	0	5.81	7.06	0	0	3.2	2.85	0.361	0	13.7	75.2	0.1299	51.17	0	18.1	0.2285	0.0176	0.1402	0						
06111	83	84	1		200	5.31	14.8	55.2	0	13.7	9.11	43.67	0.4204	0	0	0	3.01	5.26	0	0	0	0	0.2164	0	12.4	50.1	0.0798	68.81	0	17.3	0.2227	0.0176	0.1344	0						
06112	84	85	1		580	6.13	116	463	0	40	29.6	103.5	1.166	1	0	0	0	9.62	3.33	0	0	1.78	0.2653	0	10.6	50.1	0.0859	8.074	0	18.7	0.1678	0.0176	0.1086	0						
06113	85	86	1		470	5.03	12.6	55	0.8046	17.8	12.8	68.09	0.5528	0	0	0	0	7.3	0	0	10.1	1.07	0.2266	0	9.94	53.7	0.0836	21.39	0	18	0.1201	0.0176	0.0756	0						
06114	86	87	1		320	3.47	8.12	11.3	0	12.5	8.52	83.55	0.4055	0	0	0	0	6.54	0	0	0	3.57	0.3581	0	15.2	53.3	0.1317	35.01	0	19.5	0.2534	0.0176	0.1497	0						
06115	87	88	1		160	3.27	5.93	7.8	0	14	8.44	59.02	0.3727	0	0	0	1.08	6.54	0	0	0	1.78	0.3287	0.0073	17.7	54.3	0.1063	29.16	0	13.3	0.2131	0.0176	0.1265	0						
06116	88	89	1		180	6.53	5.98	11.3	0	15.6	13	128	0.5499	0	0	0	5.59	9.05	0	0	0	5.36	0.5425	0	15.2	54.8	0.201	41.86	0	18.7	0.211	0	0.1425	0						
06117	89	90	1		260	3.74	4.37	16.7	0	19.1	12.7	66.69	0.5779	0	0	0	4.94	6.74	0	0	0	2.14	0.227	0.0056	8.7	52.7	0.0933	35.39	0	18.8	0.2718	0.0054	0.1678	0						
06118	90	91	1		180	5.1	5.26	12.9	0	13.6	10.9	109.9	0.4744	0	0	0	0	10.9	0	0	0	3.93	0.4827	0.0066	19.9	52.7	0.1646	61.16	0.0052	19.2	0.2763	0.0053	0.173	0						
06119	91	92	1		40	6.93	4.37	7.27	0	10.1	7.71	55.9	0.3405	0	0	0	3.82	5.77	0	0	0	0	0.2718	0.0083	17.1	35.5	0.0853	50.97	0	16.3	0.2396	0.0176	0.1489	0						
06120	92	93	1		250	7.01	3.8	13.4	0	17.2	17	109.6	0.7176	0	0	0	0	11.5	0	0	0	5	0.4835	0.005	15.9	49.6	0.182	27.75	0	18	0.2117	0.0176	0.133	0						
06121	93	94	1		400	4.15	7.6	30.2	0	24.1	18.7	45.61	0.8312	0	0	0	0	4.55	0	0	0	1.78	0.2611	0	11.2	55.9	0.1112	27.3	0	18.1	0.2417	0.0176	0.1474	0						
06122	94	95	1		220	0	2.76	26.5	0	37.7	29.5	20.64	1.255	0	0	0	0	3.2	0	0	0	0	0.0649	0	3.42	65.1	0.0249	12.55	0	15.1	0.0697	0.0176	0.0467	0						
06123	95	96	1		250	0	2.6	12.6	0	54.3	38.1	0	1.861	0	0	0	0	2.56	0	0	0	0	0.0215	0	1.24	114	0.014	8.343	0	15	0.1103	0.0176	0.0678	0						
06124	96	97	1		120	0	5.1	14.3	0	52.4	37.5	72.82	1.836	0	0	0	0	6.74	0	1.51	2.29	2.14	0.2724	0	8.39	64.8	0.1044	5.653	0	16.3	0.1861	0.0176	0.1198	0						
06125	97	98	1		200	4.29	4.06	56.9	0	14	9.54	64.78	0.4701	0	0	0	0	5.13	0	0	0	2.14	0.1978	0	6.52	53.3	0.0723	35.11	0	11.9	0.1612	0.0176	0.1008	0						
06126	98	99	1		120	5.37	2.97	10.7	0	18.2	13.4	11.87	0.4599	0	0	0	4.96	2.56	0	0	0	0	0.0365	0	8.39	45.4	0.0187	38.28	0	13.3	0.1851	0.0176	0.1125	0						
06127	99	100	1		190	4.08	3.28	15.1	0	10.7	9.32	39.43	0.405	0	0	0	0	5.64	0	0	0	1.78	0.1172	0	8.7	68.3	0.0435	40.45	0	15	0.1902	0.0176	0.1169	0						
06128	100	101	1		150	2.65	4.79	15	0	12.6	7.82	63.24	0.3862	0	0	0	0	8.02	0	0	0	1.42	0.2261	0.0051	11.8	70	0.0695	55.4	0	14.1	0.212	0.0176	0.1299	0						
06129	101	102	1		780	3.34	4.27	12.4	0	14.9	5.77	34.87	0.3265	0	0	0	9.09	7.51	0	0	0	2.85	0.2688	0.0128	9.95	78.3	0.0181	67.55	0	11.2	0.1745	0.0176	0.0894	5.37						
06130	102	103	1		240	5.31	13.8	306	0	11	6	18.01	0.3082	0	0	0	7.24	4.43	1.66	0	7.78	2.49	0.1569	0.0063	13.1	87.2	0.022	42.51	0	13	0.2265	0.0176	0.1145	1.49						
06131	103	104	1		340	8.7	5.46	51.8	0	14	11.5	105.3	0.4801	0	0	0	8.79	8.33	0	0	0	2.14	0.2802	0	14.3	77.7	0.1212	41.11	0.0055	13	0.2091	0.0176	0.1211	2.83						
06132	104	105	1		190	4.15	3.75	25.6	0	15.5	9.7	69.37	0.4228	0	0	0	12.8	5.39	0	0	0	0	0.1663	0	7.77	86.2	0.0542	27.55	0	11.5	0.1595	0.0176	0.1009	0						
06133	105	106	1		180	7.76	11.5	216	0	17.3	11.8	39.86	0.5028	0	0	0	3	3.91	1.12	0	10.1	2.14	0.0917	0.0072	8.7	70	0.029	33.8	0	11.1	0.1516	0.0176	0.0959	0						
06134	106	107	1		220	5.72	3.64	221	1.37	14.5	10.9	52.51	0.4276	0	0	0	0	7.44	1.1	0	0	0	0.1541	0.0077	9.64	50.6	0.0491	54.17	0	10.2	0.147	0.0176	0.0966	0						
06135	107	108	1		230	2.52	2.5	14.4	0	26.3	17.6	110.8	0.7648	0	0	0	0	6.42	0	0	0	0	0.2443	0.0054	6.52	76.8	0.0736	19.57	0	13	0.1285	0.0176	0.0857	0						
06136	108	109	1		250	4.22	4.22	13.7	0	19.8	15.7	71.99	0.7399	0	0	0	0	6.35	0	0	0	2.86	0.1872	0.0118	8.7	77.2	0.175	39.96	0.0086	17	0.3087	0.005	0.2014	4.38						
06137	109	110	1		260	10.1	3.54	11.3	0	28.2	22.3	87.39	0.9015	0	0	0	0	7.31	0	0	0	1.78	0.3086	0.0079	9.95	80.9	0.1279	36.87	0	15.5	0.2403	0.0176	0.1552	0						
06138	110	111	1		20	5.58	4.32	8.55	0	11.5	8.4	89.69	0.4074	0	0	0	8.28	5.65	0	0	0	2.49	0.3012	0.0124	14.9	71.5	0.0962	41.21	0	14.8	0.2259	0.0176	0.1317	0						
06139	111	112	1		500	5.04	2.97	7.41	0	18.2	9.66	90.08	0.448	0	0	0	0	6.42	0	0	0	2.49	0.2395	0	10.3	96.1	0.0799	35.81	0	14.9	0.1645	0.0176	0.1054	0						
06140	112	113	1		250	3.27	3.49	23.7	0	14.8	7.69	75.49	0.4042	0	0	0	0	4.75	0	0	0	1.06	0.174	0	7.46	120	0.0645	36.55	0	13.6	0.1324	0.0176	0.0854	0						
06141	113	114	1		90	1.02	3.49	14.3	0	12.7	7.98	36.3	0.4195	0	0	0	2.21	3.46	0	0	0	0	0.0461	0	5.9	79.7	0.0194	37.59	0	12.6	0.1258	0.0176	0.0755	0						
06142	114	115	1		100	2.11	3.33	11.4	0	7.89	3.53	16.85	0.2328	0	0	0	7.95	2.44	0	0	0	0	0.0499	0	8.08	83.5	0.0149	43.53	0	10.9	0.1328	0.0176	0.0822	0						
06143	115	116	1		140	5.99	2.39	95.6	0	18.2	15.4	102.7	0.6973	0	0	0	0	11.1	0.599	0	0	1.42	0.3566	0	9.64	74.2	0.1384	25.11	0	12.1	0.1262	0.0176	0.0823	0						
06144	116	117	1		270	3.32	7.07	23.8	0	19	12.3	63.43	0.5875	0	0	0	1.64	5.05	0	0	3.2	2.15	0.1357	0	6.83	94.2	0.0455	20.5	0	11.3	0.086	0.0176	0.0535	0						

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06145	117	118	1		650	6.72	8.89	84.3	0	23.1	12.3	27.13	0.5329	0	0	0	0	4.48	0.596	0	2.29	1.08	0.07	0.0088	7.14	49.5	0.0218	19.7	0	7.37	0.1128	0.0176	0.0637	0							
06146	118	119	1		320	6.66	7.49	109	0	34.9	27.7	75.36	1.255	0	0	0	0	6.15	0.956	0	0	2.5	0.196	0	5.9	48	0.0576	9.265	0	9.84	0.0912	0.0176	0.057	0							
06147	119	120	1		390	3.33	7.75	11.6	0	13.8	6.23	44.38	0.3414	0	0	0	0	3.46	0	0	0	0	0.1082	0	7.76	56.3	0.0338	45.86	0	9.16	0.099	0.0176	0.057	1.14							
06148	120	121	1		50	2.98	7.13	10.4	0	10.1	7.09	128	0.3955	0	0	0	0	5.31	0	0	0	2.87	0.2178	0	9	64.6	0.0646	36.58	0	14.1	0.103	0.0176	0.058	0							
06149	121	122	1		330	0	4.27	31.6	0	11.9	7.13	3.825	0.3875	0	0	0	4.82	4.36	0	0	0	1.07	0.0261	0.0059	9.32	57.9	0.0101	43.11	0	14.6	0.1315	0.0176	0.069	0							
06150	122	123	1		2430	1.63	10	7.81	0	34.6	14.6	0	0.6568	1	0	0	0	4.61	0	0	0	0	0.0147	0	3.42	58.8	0.0109	19.06	0	12.2	0.1292	0.0176	0.067	2.54							
06151	123	124	1		130	1.9	6.76	15.9	0	14	9.82	9.946	0.4701	0	0	0	0	4.1	0	0	0	0	0.0305	0	6.83	43.3	0.0118	39.79	0	14.1	0.1517	0.0176	0.0744	0							
06152	124	125	1		70	4.28	2.5	13.4	0	12.4	9.68	62.74	0.4855	0	0	0	0	6.34	0	0	0	0	0.1755	0	8.07	58.9	0.0587	29.32	0	14.4	0.1117	0.0176	0.0667	0							
06153	125	126	1		770	3.46	2.5	19.9	0	18.4	8.5	23.33	0.4383	0	0	0	0	5.32	0	0	0	0	0.0785	0	5.59	59.4	0.0266	41.81	0	12.6	0.1015	0.0176	0.0636	0							
06154	126	127	1		190	2.78	2.45	7.2	0	15	9.4	51.22	0.4803	0	0	0	0	5.57	0	0	1.83	1.08	0.1433	0	5.28	68.8	0.0431	34.73	0	10.8	0.0997	0.0176	0.0623	0							
06155	127	128	1		90	2.45	5.25	48.9	0	16.3	10.6	20.66	0.5288	0	0	0	0	2.75	0	0	2.29	1.07	0.0276	0	3.73	63.1	0.0123	11.51	0	13.8	0.0876	0.0176	0.0512	0							
06156	128	129	1		400	6.25	2.5	10.5	0	16	10.2	104.1	0.5249	0	0	0	0	6.47	0	0	0	2.86	0.2249	0	8.07	55.3	0.0806	21.05	0	16.2	0.1237	0.0176	0.0757	0							
06157	129	130	1		250	1.02	3.64	31.5	0	18.6	10.8	20.27	0.571	0	0	0	0	4.74	0	0	0	0	0.0567	0.0075	3.73	69.3	0.0115	21.22	0	13.6	0.0916	0.0176	0.0496	0							
06158	130	131	1		310	2.99	5.2	6.34	0	13.9	7.84	31.75	0.4134	0	0	0	0	9.48	0	0	0	1.43	0.1528	0.0147	7.45	51.6	0.024	33.62	0	13	0.0975	0.0176	0.0518	0							
06159	131	132	1		200	0	3.12	16.8	0	16.6	9.47	21.02	0.5081	0	0	0	0	5.57	0	0	0	0	0.0834	0.0142	6.83	39.1	0.0116	11.63	0	8.78	0.0799	0.0176	0.047	3.23							
06160	132	133	1		70	1.7	4.68	13.3	0	15.1	8.71	27.9	0.4493	0	0	0	5.99	7.93	0	0	0	0	0.1858	0.0153	10.9	54.7	0.0216	20.16	0	8.42	0.0882	0.0176	0.0401	6.21							
06161	133	134	1		80	0	5.04	74.4	0	11.6	9.72	3.825	0.4894	0	0	0	0	4.42	0.509	0	1.83	0	0.0433	0.0141	1.86	54.7	0.0071	12.92	0	6.63	0.0686	0.0176	0.0412	0							
06162	134	135	1		400	0	4.37	29.2	0	19.5	12	21.04	0.6201	0	0	0	0	4.29	0	0	0	0	0.0653	0.0103	1.86	47.4	0.0131	8.522	0	9.19	0.0625	0.0176	0.0363	0							
06163	135	136	1		90	3.53	3.9	5.89	0	14.4	8.48	56.61	0.4326	0	0	0	0	11.8	0	0	0	1.79	0.2563	0.0094	10.2	43.3	0.0393	24.89	0	8.75	0.0965	0.0176	0.044	0							
06164	136	137	1		120	3.12	5.15	7.76	0	7.28	6.24	37.83	0.336	1	0	0	0	11.8	0	0	0	1.08	0.2408	0.013	10.6	44.8	0.0269	54.18	0	11	0.0814	0.0176	0.0345	0							
06165	137	138	1		370	6.11	3.12	9.23	0	18.6	11.9	79.18	0.5681	0	0	0	0	5.89	0	0	0	0	0.2075	0.0059	4.97	52.6	0.0617	18.82	0	11.5	0.1071	0.0176	0.0611	0							
06166	138	139	1		100	2.18	3.38	16.8	0	15.2	9.71	127.1	0.5001	0	0	0	0	6.73	0	0	0	0	0.2272	0	8.7	45.4	0.0873	25.61	0.0061	16.6	0.1578	0.0176	0.0915	0							
06167	139	140	1		340	4.35	2.81	50.2	0	12.7	8.42	48.96	0.422	0	0	0	4.58	3.65	0	0	0	0	0.0954	0.005	4.35	50.6	0.0297	16.62	0	8.65	0.1023	0.0176	0.0541	0							
06168	140	141	1		690	8.22	7.12	23.3	0	16.7	11.3	23.72	0.4769	0	0	0	0	5.06	0	0	3.66	0	0.0527	0	2.79	27.6	0.0193	13.25	0	9.74	0.0811	0.0176	0.0475	0							
06169	141	142	1		380	9.91	3.38	1090	0	16.1	12.3	21.79	0.461	0	0	0	0	3.2	5.06	0	0	0	0.0492	0.007	2.18	29.7	0.0184	8.08	0	7.46	0.0704	0.0176	0.0375	0							
06170	142	143	1		100	1.49	1.92	23.3	0	10.5	7.54	55.41	0.385	0	0	0	1.04	3.97	0	0	0	1.08	0.1025	0	4.04	22.4	0.052	10.29	0	8.23	0.0697	0.0176	0.0369	0							
06171	143	144	1		260	2.24	2.65	7.69	0	7.75	5.37	51.97	0.3304	0	0	0	0	3.52	0	0	0	0	0.1448	0	4.04	32.8	0.0522	16.74	0	6.22	0.0585	0.0176	0.0349	0							
06172	144	145	1		90	5.5	1.87	7.4	0	9.59	5.31	56.22	0.3103	0	0	0	0	3.07	0	0	1.83	0	0.1176	0	2.48	27.1	0.054	7.584	0	6.41	0.0543	0.0176	0.0307	0							
06173	145	146	1		30	69.9	3.02	15.1	0	38.3	34.2	61.15	1.354	0	0	0	0	3.46	0	0	0	4.65	0.1333	0.0203	4.04	26.6	0.1864	3.289	0	11.2	0.0972	0.0176	0.0643	0							
06174	146	147	1		440	17.2	1.4	5	0	25.6	22.2	33.25	0.8758	0	0	0	0	3.01	0	0	0	1.08	0.1046	0	2.8	38.5	0.0205	3.846	0	6.95	0.041	0.0176	0.0218	0							
06175	147	148	1		150	2.85	2.5	3.89	0	9.52	7.4	42.04	0.3552	0	0	0	0	2.11	0	0	0	0	0.1058	0	3.42	26	0.0333	13.37	0	7.41	0.0547	0.0176	0.0281	0							
06176	148	149	1		70	3.93	1.92	3.95	0.5626	6.32	3.92	69.55	0.337	0	0	0	0	4.48	0	0	0	1.44	0.2792	0	7.76	42.2	0.0464	7.033	0	7.46	0.094	0.0176	0.0517	0							
06177	149	150	1		110	8.41	3.12	6.91	0	10.3	9.57	56.55	0.4301	1	0	0	0	4.99	0	0	0	1.44	0.225	0.0099	5.9	42.2	0.0731	35.78	0	15	0.1188	0.0176	0.0666	0							
06178	150	151	1		150	4.89	2.65	4.92	0	10.4	7.06	45.91	0.3701	0	0	0	0	6.4	0	0	0	0	0.1923	0	4.97	53.2	0.0522	23.35	0	10.1	0.0903	0.0176	0.046	0							
06179	151	152	1		80	1.9	3.69	4.87	0	3.6	4.08	34.39	0.289	0	0	0	0	8.32	0	0	0	0	0.1509	0.0143	5.9	37.5	0.0349	79.52	0	7.32	0.0773	0.0176	0.0299	1.34							
06180	152	153	1		90	3.87	1.92	5.44	0	8.91	7.37	18.36	0.3826	0	0	0	0	5.19	0	0	0	0	0.0773	0.0096	2.79	40.1	0.0244	21.96	0	9.7	0.0602	0.0176	0.0347	0							
06181	153	154	1		110	3.87	1.56	5.36	0	9.72	7.2	33.63	0.4035	0	0	0	0	4.74	0	0	0	0	0.0922	0	1.25	46.4	0.0369	17	0	5.58	0.0625	0.0176	0.0364	0							
06182	154	155	1		270	11	1.98	10.9	0	21.4	15.5	47.44	0.6932	0	0	0	0	4.68	0	0	0	2.5	0.104	0.006	1.55	53.7	0.075	7.835	0	10.8	0.094	0.0176	0.0569	0							
06183	155	156	1		60	11.2	3.59	8.19	0	10.1	9.43	70.74	0.4821	0	0	0	1.01	6.79	0	0	0	2.15	0.3029	0.007	7.45	43.8	0.1409	10.68	0	9.79	0.1238	0.0176	0.0704	3.23							
06184	156	157	1		110	1.49	2.96	4.49	0	10.9	4.78	23.7	0.2957	0	0	0	0	4.1	0	0	0	0	0.0977	0	4.66	46.4	0.0382	15.63	0	10.6	0.0742	0.0176	0.039	0							
06185	157	158	1		100	4.14	8.63	49.3	0	12.2	8.64	30.19	0.4072	0	0	0	0	4.29	0	0	4.58	0	0.0782	0	3.73	59.9	0.0339	22.05	0	13.4	0.0697	0.0176	0.0367	0							
06186	158	159	1		850	0	1.4	4.09	1.126	14.1	3.5	16.83	0.275	1	0	0	0	4.29	0	0	0	0	0.0888	0	5.59	57.9	0.038	10.94	0	12.6	0.0707	0.0176	0.0363	1.34							
06187	159	160	1		190	1.09	1.77	6.1	0	8.91	4.02	34.43	0.2913	1	0	0	0	6.21	0	0	0	1.43	0.1428	0	6.83	58.4	0.0514	7.39	0	9.38	0.0598	0.0176	0.03	0							
06188	160	161	1		250	19.6	1.82	20.1	0	56.4	48.8	42.85	2.323	0	0	0	0	5.83	0	1.81	0	5.01	0.1121	0	3.73	55.3	0.0363	5.333	0	14.7	0.0521	0.0176	0.0279	0							
06189	161	162	1		200	36.3	1.77	32.9	0	90.9	69	76.13	3.447	0	0	0	0	3.33	0.668	3.81	0	14.3	0.1266	0	1.55	47.4	0.0213	4.992	0	14.7	0.0339	0.0176	0.0173	0							
06190	162	163	1		340	8.35	1.25	9.32	0	31.5	27.6	45.52	1.239	0	0	0	3.4	1.47	0	0	0	5.72	0.182	0	5.28	39.1	0.0162	2.659	0	8.05	0.0266	0.0176	0.0145	0							
06191	163	164	1		410	20.7	5.62	16.5	0	0	32.4	70.65	1.622	0	0	0	0	4.82	0	0	0	8.66	0.1804	0.0108	24.1	148	0.1605	28	0.0199	2	1	0.0225	0.6273	0							
06192	164	165	1		140	16.1	4.58	21.8	0	0	44.5	93.08	2.251	0	0	0	2.864	5.12	0.711	1.51	1.52	3.28	0.1719	0.0104	14.9	46.5	0.2073	15.36	0.0108	13	0.4389	0.0155	0.2933	0							
06193	165	166	1		560	37.9	3.83	21.3	0	0	49.3	140	2.564	0	0	0	0	5.27	0.843	0	10.1	9.26	0.4306	0.0087	24.4	161	0.2062	15.49	0.0166	16	0.8834	0.0213	0.5601	0							
06194	166	167	1		190	11	5.8	31.9	0	0	20.9	175.8	1.004	1	0	0	0	12.4	0	0	0	11.9	0.4523	0.0073	31.5	133	0.5219	53.42	0.0341	16	1.484	0.0263	0.9586	0							
06195	167	168	1		250	28.7	5.74	39.5	0	0	39.7	179.3	1.701	0	0	0	0	9.72	0.571	0	7.09	10.8	0.363	0.0139	26	111	0.2639	24.83	0.022	14	1.158	0.0242	0.7028	0							
06196	168	169	1		220	15.8	9.16	39	0	0	33.1	222.2	1.361	0	0	0	0	16.1	0.536	0	4.05	17.3	0.5153	0.0211	30.4	109	0.2993	54.31	0.0189	10	1.063	0.022	0.6436	0							
06197	169	170	1		100	9.41	109	20.9	0	1.49	15.6	159.4	0.7353	0	0	0	0	18.3	0	0	0	8.36	0.5471	0.0138	35.1	101	0.3534	62.5	0.0186	12	1.035	0.0208	0.6405	0							
06198	170	171	1		290	5.29	8	36.4	0	0	12.8	203.9	0.6255	1	0	0	0	16.7	0	0	0	8.66	0.8305	0.006	29.1	160	0.3918	59.84	0.0128	13	0.8469	0.0198	0.5237	0							
06199	171	172	1		330	7.77	26.9	17.2	0	0	23.6	117.6	1.04	0	0	0	8.497	8.59	0	0	1.52	9.26	0.3946	0.0184	31	101	0.2135	61.89	0.0189	10	0.9012	0.0197	0.5403	0							

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06200	172	173	1		70	16.7	12.2	31.3	0	0	21.3	176.4	0.9426	0	0	0	2.852	11.5	0	0	0	8.06	0.5339	0.0109	37.9	107	0.3514	48.61	0.0151	13	0.8286	0.0176	0.5121	0						
06201	173	174	1		140	37	59.8	59.4	0	0	38	266	1.863	0	0	0	0	12.7	0.891	13	3.54	8.06	0.6381	0.0055	25.7	188	0.3463	17.67	0.0132	12	0.8241	0.0172	0.4712	0						
06202	174	175	1		190	14	24.4	53.6	0	0	12.4	187	0.5458	1	0	0	0	12	0.54	0	1.52	7.17	0.638	0.0065	29.6	126	0.2827	65.25	0.0128	1	0.6545	0.0129	0.3836	0						
06203	175	176	1		100	12.2	42.2	88.3	0	0	19.8	313.9	0.8683	0	0	0	5.672	15.7	0.788	0	0	9.86	0.9996	0.0169	38.2	136	0.409	76.13	0.0166	16	1.02	0.0205	0.6137	0						
06204	176	177	1		70	28.8	35	42.4	0	0	34.4	369.8	1.406	1	0	0	0	15.4	0.647	1	1.01	9.86	0.8328	0.0112	36	126	0.3615	17.27	0.018	14	0.9981	0.0203	0.6062	0						
06205	177	178	1		80	10.6	88.8	65	0	0	35.1	187.9	1.638	0	0	0	0	16	0.907	1.07	0	7.17	0.4745	0.009	24.1	107	0.2407	8.603	0.0154	8	0.8473	0.0181	0.5166	0						
06206	178	179	1		190	5.71	29.7	38	0	0	14.5	234.3	0.6131	1	0	0	0	15.7	0	0	0	8.06	0.5142	0.0088	32.4	113	0.2436	92.13	0.0151	3	0.8942	0.0183	0.5552	0						
06207	179	180	1		230	13.6	31.1	19.8	0	0	36.3	250.3	1.555	0	0	0	5.671	17.2	0.535	0	2.02	8.66	0.568	0.0098	26.8	127	0.2965	11.36	0.0186	21	0.8546	0.0213	0.5264	0						
06208	180	181	1		100	9.15	6.26	18.9	0	0	17.3	360.5	0.7833	0	0	0	0	11.9	0	0	0	9.26	0.952	0.013	39.9	109	0.3667	65.32	0.0179	6	1.104	0.02	0.6642	0						
06209	181	182	1		20	16	6.21	15.3	0	0	14.8	258.9	0.6077	1	0	0	0	11.4	0	0	0	7.77	0.8551	0.0111	37.9	95.4	0.3355	62.13	0.014	0	0.8901	0.0158	0.5422	0						
06210	182	183	1		40	4.49	5.98	167	0	0	27.4	140	1.264	0	0	0	0	6.25	1.26	1.44	0	7.47	0.3036	0.0125	28.5	76.5	0.2019	22.33	0.0202	0	0.8837	0.0183	0.5275	0						
06211	183	184	1		40	13.3	6.49	24.8	0	0	26.9	211.4	1.352	0	0	0	0	14.5	0	1.38	0	8.96	0.5304	0.0078	26.6	160	0.3032	22.42	0.0183	6	0.9026	0.0196	0.5454	0						
06212	184	185	1		140	10.9	5.16	12.3	0	1.29	13.6	222.8	0.6278	0	0	0	19.79	9.12	0	0	0	9.86	0.659	0.012	48.4	96.6	0.3341	59.21	0.0189	1	0.9797	0.0215	0.5766	1.08						
06213	185	186	1		60	20.5	6.44	15.8	0	1.97	13.2	269.8	0.634	0	0	0	0	9.19	0	0	1.01	8.66	0.8814	0.0064	35.1	180	0.3125	47.57	0.01	1	0.758	0.018	0.4301	0						
06214	186	187	1		40	16.5	6.5	17.8	0	0	18.5	265.1	0.8552	0	0	0	2.851	9.34	0	1.38	0	7.17	0.8228	0.0077	29.1	104	0.3116	43.36	0.0126	2	0.7436	0.0164	0.4006	0						
06215	187	188	1		70	17.7	17.9	22.3	0	2.78	16	226.3	0.6309	1	0	0	0	11.8	0	0	25.3	5.68	0.6564	0.0108	30.5	96.6	0.2779	48.42	0.0086	1	0.4972	0.0138	0.2664	0						
06216	188	189	1		20	6.24	7.48	33.1	0	0	21	235.6	1.11	0	0	0	0	12.3	0	1.07	8.1	8.06	0.5666	0.0098	26.6	90.2	0.3022	21.69	0.0168	59.5	0.8649	0.0182	0.5262	0						
06217	189	190	1		60	29.7	23.1	129	0	0	29.2	217.5	1.456	0	0	0	2.851	8.66	0.923	0	39	7.47	0.5104	0.0134	32.1	98	0.3743	13.97	0.0202	1	1.005	0.0206	0.6028	0						
06218	190	191	1		70	73.3	8.24	44.5	0	0	29.8	261.1	1.301	0	0	0	8.493	13.9	0.536	1.07	10.6	9.86	0.8867	0.0089	31.3	153	0.4631	34.04	0.0219	1	1.002	0.0193	0.5945	1.29						
06219	191	192	1		70	11.8	18.5	570	0	0	11	175.2	0.4839	1	0	0	0	11.5	2.96	0	21.8	7.47	0.5177	0.017	38.7	85.1	0.2626	60.87	0.0158	58.8	0.816	0.0179	0.4812	0						
06220	192	193	1		70	15.1	5.28	25.3	0	1.29	16.6	292.3	0.7715	0	0	0	2.849	11.9	0	0	0	9.86	0.9311	0.0093	36.5	144	0.4431	59.11	0.0158	1	0.8529	0.0179	0.4948	1.31						
06221	193	194	1		140	11.7	6.96	879	0	0	19.5	188.8	0.8885	0	0	0	14.14	14.2	4.23	0	4.56	8.36	0.4881	0.0099	25.2	202	0.2426	57.54	0.0099	12	0.7088	0.0195	0.4019	0						
06222	194	195	1		70	9.41	6.21	19	0	9.15	17.5	108.9	0.6912	0	0	0	0	11.3	0	1.32	6.07	8.36	0.4453	0.0215	38.7	161	0.2425	70.17	0.0205	5	1.042	0.0225	0.6107	0						
06223	195	196	1		70	10.7	8.06	27.8	0	77.8	29	183.2	1.448	0	0	0	5.673	7.68	0	2.7	1.01	11.7	0.5268	0.0105	31.3	238	0.4004	21.89	0.0184	7	1.103	0.0202	0.6635	0						
06224	196	197	1		300	11.5	58.6	13.9	0	3.36	15	137	0.7214	0	0	0	8.497	8.66	0	1.32	0	8.36	0.5965	0.0077	31.8	165	0.3139	60.77	0.0164	19	1.01	0.0203	0.6118	0						
06225	197	198	1		1090	28.2	24.7	26.3	0	0	32.9	251.3	1.337	2	0	0	16.96	10.2	0	0	0	10.8	1.026	0.0065	31	160	0.6618	18.28	0.0237	15	1.148	0.0207	0.7065	9.13						
06226	198	199	1		160	11.7	5.57	19.2	0	0	16.4	120.6	0.7972	1	0	0	5.673	6.85	0	0	0	9.56	0.3713	0.0105	41.5	118	0.3815	63.57	0.0336	15	1.295	0.0261	0.7806	0						
06227	199	200	1		280	4.02	4.29	9.98	0	0	14.8	92.65	0.6889	1	0	0	0	7.53	0	0	0	8.06	0.3938	0.011	39.9	148	0.2243	58.26	0.0192	11	0.8923	0.0226	0.5365	0						
06228	200	201	1		310	14.4	5.22	22.9	0	0	18.3	169.6	0.9016	0	0	0	0	13	0	0	0	8.36	0.4514	0.0065	26.3	214	0.2719	37.02	0.0131	9	0.8717	0.0228	0.5254	0						
06229	201	202	1		290	8.41	7.77	308	0	0	10.9	42.13	0.5102	0	0	0	0	3.69	1.89	0	0	4.78	0.0811	0.0068	22.7	142	0.0785	62.32	0.016	2	0.918	0.022	0.5237	0						
06230	202	203	1		690	19.5	3.83	27.5	0	0	25.2	184.7	1.256	1	0	0	2.85	12.6	0	0	0	10.5	0.5508	0.0054	27.9	225	0.5084	13.05	0.0197	8	1.015	0.0208	0.6328	1.42						
06231	203	204	1		410	8.56	5.1	9	0	0	13.5	80.35	0.644	0	0	0	5.674	7.46	0	0	0	8.96	0.3117	0.0066	29.6	214	0.1633	43.59	0.0133	4	0.8177	0.021	0.4577	0						
06232	204	205	1		1250	4.97	1.68	12	0	0	14.5	115.8	0.6556	1	0	0	5.673	7.08	0	0	0	8.66	0.3925	0.0113	36.5	152	0.2294	33.08	0.0233	1	1.107	0.0237	0.6218	1.44						
06233	205	206	1		190	13.5	6.56	16.4	0	2.16	16.9	220.5	0.6464	1	0	0	14.14	13.7	0	0	0	10.5	0.8213	0.0181	41	146	0.339	59.88	0.0218	1	1.155	0.0233	0.6726	0						
06234	206	207	1		80	19	7.13	22.3	0	0	29.1	215.3	1.248	0	0	0	0	13.9	0	0	0	13.1	0.7071	0.0124	35.4	113	0.5772	15.33	0.0301	1	1.366	0.0224	0.8291	0						
06235	207	208	1		130	17.7	5.86	16.1	0	0	18.3	216.6	0.7655	1	0	0	5.674	16.3	0	0	0	12.5	0.8756	0.0122	40.7	133	0.3873	62.62	0.0204	1	1.151	0.0199	0.6812	6.25						
06236	208	209	1		20	15.3	5.86	17.3	0	2.49	16.4	210.5	0.7237	2	0	0	5.673	20	0	0	0	11.7	0.8844	0.015	42.6	115	0.4252	67.06	0.0217	1	1.141	0.0187	0.6724	26.7						
06237	209	210	1		3970	8.36	6.2	33.2	0	0	31.4	244.2	1.409	3	0	0	11.34	19.2	0.52	0	0	12.9	0.6829	0.0181	41.3	147	0.4398	32.4	0.0252	2	1.253	0.0229	0.7617	6.71						
06238	210	211	1		200	15.2	7.42	24.5	0	0	35.2	217.7	1.513	0	0	0	5.671	13.5	0	0	0	11.1	0.6857	0.0162	31.8	137	0.4258	14.53	0.0369	0	1.389	0.0196	0.8204	0						
06239	211	212	1		280	18.6	4.12	18.2	0	0	18.1	173.4	0.7879	1	0	0	0	15.7	0	0	0	10.5	0.6245	0.0129	36.8	124	0.333	36.48	0.0219	0	1.048	0.0185	0.6112	0						
06240	212	213	1		180	11.1	8.87	52.8	0	0	17.8	235.8	0.7794	1	0	0	0	24.3	0	0	0	12.2	0.8976	0.0142	38.5	149	0.4308	27.08	0.0255	6	1.307	0.0225	0.7545	0						
06241	213	214	1		180	7.61	5.91	22.6	0	0	23.5	215.7	1.14	0	0	0	5.673	17	0	0	0	11.4	0.5407	0.0142	31.5	139	0.2988	11.85	0.0253	2	1.259	0.0239	0.7295	0						
06242	214	215	1		160	3.75	7.65	49.6	0	0	50.4	196.3	2.898	0	0	0	2.853	16.3	1.11	2.51	8.1	8.36	0.5316	0.0109	23.5	130	0.292	3.58	0.0229	1	1.103	0.0226	0.6462	0						
06243	215	216	1		530	18.4	4.46	20	0	0	20.3	168.1	0.89	1	0	0	0	19.2	0	0	0	11.4	0.8171	0.015	32.9	133	0.4357	19.6	0.0202	1	1.115	0.023	0.6665	1.67						
06244	216	217	1		850	45.9	5.1	16.8	0	0	48.5	151.6	1.268	0	0	0	11.32	17.6	0	0	0	12.5	0.5029	0.0297	34.6	127	0.3131	12.31	0.031	3	1.398	0.0271	0.8171	0						
06245	217	218	1		1540	79.6	0.929	141	0	0	46	163.9	1.64	0	0	0	0	11.7	1.25	0	0	8.66	0.4414	0.0076	22.1	275	0.2474	13.58	0.0133	13	0.6795	0.0202	0.3988	0						
06246	218	219	1		720	21.8	4.99	77.3	0	0	22.1	269.6	0.9744	1	0	0	0	16.3	0.667	0	0	14.3	0.6556	0.0173	43.5	131	0.4293	93.19	0.0276	2	1.401	0.0239	0.8556	13.9						
06247	219	220	1		720	12.1	5.86	43.1	0	0	20.6	185.1	0.8721	1	0	0	7	12.4	0	0	0	12.2	0.5824	0.0199	41.5	149	0.3633	92.95	0.0274	5	1.394	0.0258	0.822	4.79						
06248	220	221	1		250	7.08	7.19	19	0	0	37.8	191.4	1.461	0	0	0	0	15.9	0	0	0	11.4	0.7087	0.0226	36	114	0.3329	18.66	0.0231	1	1.201	0.0258	0.7186	0						
06249	221	222	1		300	14.8	5.86	25.9	0	0	26.6	126	1.025	0	0	0	0	16.2	0	0	0	9.26	0.3623	0.0103	30.4	197	0.3234	37.31	0.0265	14	1.164	0.0245	0.6927	0						
06250	222	223	1		190	42.2	8	31.4	0	0	27.5	132.3	1.349	0	0	0	0	9.42	0.567	2.76	5.06	5.98	0.2997	0.0049	18.8	259	0.1746	14.74	0.0081	0	0.4673	0.0134	0.2708	0						
06251	223	224	1		250	8.36	13.1	311	0	0	12	131.7	0.4672	0	0	0	0	8.82	1.74	0	15.7	4.48	0.2227	0.0057	20.2	176	0.1267	31.56	0.0071	0	0.4219	0.0125	0.2416	0						
06252	224	225	1		100	16.5	3.88	18.7	0	1.25	15.9	71.47	0.6558	0	0	0	0	4.98	0	1.63	3.54	4.78	0.1203	0.0053	15.2	215	0.0764	19.27	0.0083	0	0.437	0.0132	0.2436	0						
06253	225	226	1		180	5.5	6.09	102	0	0	19.5	69.75	0.6947	0	0	0	0	6.25	0.775	1.32	7.09	4.48	0.1346	0.0046	17.7	205	0.0918	21.5	0.008	0	0.4421	0.0147	0.2499	0						
06254	226	227	1		160	67.6	4.35	5.43	0	2.35	16.9	36.47	0.7095	1	0	0	0	1.05	0	3.2	4.56	2.68	0.0071	0.0003	2.49	324	0.0079	6.314	0.0012	0	0.0829	0.0101	0.0507	0						

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06255	227	228	1		80	27.2	17.3	328	0	0	25.6	44.61	1.047	1	0	0	0	1.43	2.18	1.38	24.8	5.38	0.0163	0.0051	16.3	212	0.0445	30.23	0.0117	0	0.623	0.0155	0.3265	0						
06256	228	229	1		80	21.6	4.76	18.3	0	0	28.3	94.32	1.364	0	0	0	0	6.18	0	2.82	2.02	8.06	0.2159	0.0132	22.1	173	0.2675	41.24	0.0217	0	1.068	0.0203	0.6038	1.61						
06257	229	230	1		70	19.4	4.82	7.25	0	0	31.5	53.69	1.535	0	0	0	5.674	5.57	0	2.57	4.05	6.87	0.1373	0.0176	19.6	166	0.0835	28.98	0.0136	0	0.7078	0.0159	0.3945	0						
06258	230	231	1		40	8.19	7.37	21	0	0	19.3	116	0.8985	0	0	0	0	14.5	0	1.32	0	5.97	0.3419	0.0196	23.2	179	0.2854	31.15	0.0129	1	0.7251	0.0165	0.4353	0						
06259	231	232	1		160	10.8	3.71	8.58	0	0	18.8	64.54	0.7073	0	0	0	0	9.05	0	1.57	2.53	5.08	0.2211	0.015	18.3	186	0.1269	32.35	0.0088	0	0.5238	0.0132	0.3068	0						
06260	232	233	1		640	5.34	2.55	29.9	0	0	29	190	1.337	1	0	0	0	13.5	0	0	0	6.27	0.3325	0.0121	21	221	0.4042	22.73	0.0123	5	0.7022	0.0173	0.469	0						
06261	233	234	1		370	23.6	55.6	499	0	0	21.4	75.69	0.9682	0	0	0	0	7.31	2.95	0	66.8	7.47	0.1882	0.0092	21.3	205	0.1077	23.49	0.0113	2	0.7634	0.0192	0.4225	0						
06262	234	235	1		350	9.09	4.7	13.4	0	0	33.1	31.87	1.658	0	0	0	0	3.54	0.523	0	2.02	5.97	0.0459	0.006	18.5	201	0.0553	18.74	0.0108	322	0.732	0.0183	0.4028	0						
06263	235	236	1		250	12.6	7.42	57.8	0	0	28.4	71.81	1.229	0	0	0	11.34	8.06	0.635	1	3.54	6.27	0.1593	0.0059	21.9	188	0.1141	22.94	0.0122	3	0.5399	0.0158	0.3069	0						
06264	236	237	1		340	3.76	3.77	34.8	0	0	26.3	117.3	1.171	0	0	0	0	10.6	0.555	0	0	5.97	0.2901	0.0058	20.5	175	0.1447	20.86	0.0099	0	0.5037	0.0149	0.2932	0						
06265	237	238	1		40	7.72	4	32.8	0	0	19.7	60.62	0.7661	0	0	0	8.513	6.33	0	1.69	0	5.38	0.1914	0.0063	22.7	171	0.1531	22.6	0.0115	0	0.5402	0.0141	0.3131	0						
06266	238	239	1		70	6.77	5.97	15.9	0	0	18.2	110.7	0.6997	1	0	0	0	14.3	0	1.19	0	7.47	0.3415	0.0063	29.3	192	0.2339	30.15	0.012	0	0.6442	0.0145	0.3769	0						
06267	239	240	1		920	12.3	13.6	20.7	0	0	26.3	118.7	1.166	0	0	0	25.43	6.7	0.524	0	6.58	8.36	0.1771	0.0109	32.1	195	0.1101	35.07	0.0204	0	0.9866	0.0224	0.5408	0						
06268	240	241	1		140	37.6	6.43	7.74	0	0	43.3	40.45	2.257	0	0	0	0	3.16	0.675	1.69	1.52	6.87	0.0981	0.0096	19.9	154	0.1251	9.929	0.0162	0	0.8623	0.0184	0.4943	0						
06269	241	242	1		180	9.52	6.79	23	0	0	29.7	112.8	1.449	0	0	0	0	4.37	0	0	4.05	8.66	0.3122	0.0076	26.6	172	0.5317	24.67	0.0283	6	1.388	0.0253	0.8524	5.89						
06270	242	243	1		150	11.3	10	20.2	0	0	27.6	95.66	1.18	2	0	0	0	7.08	0	0	0	7.47	0.2984	0.0069	25.2	164	0.4012	30.04	0.0177	10	0.9456	0.0191	0.5789	0						
06271	243	244	1		40	3.17	17	10.5	0	1.01	12.9	64.87	0.521	1	0	0	0	5.42	0	2.57	2.02	5.67	0.2268	0.0077	26.8	170	0.1353	32.77	0.012	0	0.7105	0.0161	0.4083	0						
06272	244	245	1		70	4.02	4.58	12.5	0	0	12.4	97.68	0.4723	0	0	0	0	7.53	0	0	0	5.97	0.3874	0.0076	31.8	166	0.1901	32.98	0.0107	0	0.6792	0.0168	0.3871	0						
06273	245	246	1		40	60.5	4.35	9.38	0	0	22.4	70.28	0.9843	0	0	0	0	6.33	0	1.44	2.53	5.37	0.2832	0.0062	24.6	174	0.191	25.27	0.0118	0	0.6447	0.0145	0.3627	0						
06274	246	247	1		100	13.9	3.88	15.9	0	0	19.8	70.69	0.8133	0	0	0	0	4.3	0	0	0	4.18	0.2015	0.0057	28.5	110	0.2152	15.45	0.0114	4	0.4403	0.0127	0.2769	0						
06275	247	248	1		320	13.7	3.83	16.6	0	0	27.1	72.33	1.138	0	0	0	2.852	6.63	0	0	0	6.27	0.2465	0.0075	26.8	174	0.2356	32.52	0.0145	0	0.768	0.0164	0.4507	0						
06276	248	249	1		60	28.5	5.51	13.3	0	0	26.3	64.69	1.171	0	0	0	0	3.31	0	2.07	0	5.08	0.1137	0.006	18.3	131	0.161	28.6	0.0138	0	0.7033	0.0167	0.41	0						
06277	249	250	1		150	35.1	6.2	33.5	0	0	32	158.1	1.459	0	0	0	0	11.6	0	0	4.05	11.1	0.359	0.0133	31.3	148	0.5129	19.71	0.0305	1	1.218	0.0223	0.7722	0						
06278	250	251	1		220	82.9	5.97	47.8	0	0	45	150.6	1.748	0	0	0	2.85	11.2	0.651	0	0	10.5	0.3007	0.0291	31	103	0.193	12.87	0.023	0	1.02	0.0202	0.6238	0						
06279	251	252	1		90	24.3	9.69	25.2	0	0	39.4	167.4	1.88	0	0	0	19.78	14.5	0.564	2.32	0	15.8	0.8387	0.0233	33.5	187	0.8191	9.037	0.0404	3	1.637	0.0221	0.9682	0						
06280	252	253	1		20	61.5	6.9	12.1	0	0	39	120.6	1.482	0	0	0	0	10.3	0	1.32	1.52	8.36	0.731	0.0278	27.4	95.1	0.2742	11.73	0.0141	0	0.8212	0.0169	0.4969	0						
06281	253	254	1		20	15.4	5.33	11.8	0	0	18	108.5	0.7818	0	0	0	11.32	8.66	0	0	0	6.57	0.6167	0.0171	31	109	0.2178	25.57	0.0139	0	0.8341	0.017	0.5344	0						
06282	254	255	1		110	14	6.03	13.3	0	0	22.5	125.6	1.028	0	0	0	2.852	11.9	0	1.07	0	9.56	0.7369	0.0146	36	119	0.3168	21.56	0.0165	2	1.108	0.0199	0.6737	0						
06283	255	256	1		50	41.4	5.63	14.3	0	0	24	130.1	1.082	1	0	0	5.674	15	0	0	5.57	10.2	0.7437	0.0221	38.2	117	0.2551	44.13	0.0154	0	0.9163	0.0192	0.5482	3.35						
06284	256	257	1		110	44.2	8	39.1	0	0	38.6	168.1	2	0	0	0	5.673	15.9	0.775	0	0	10.5	0.77	0.0185	30.4	119	0.4753	16.09	0.0185	0	0.9972	0.0188	0.5899	14						
06285	257	258	1		20	5.29	8.06	10.3	0	0	72.5	116.1	4.152	0	0	0	0	14.3	1.18	5.58	6.07	8.66	0.5811	0.0199	29.9	147	0.2317	6.263	0.0191	0	0.9828	0.0201	0.5771	0						
06286	258	259	1		70	26.9	5.57	14.4	0	0	29.4	137.6	1.35	0	0	0	2.849	13.8	0	1.07	0	9.86	0.7085	0.0217	32.9	123	0.3208	28.62	0.0147	0	0.8707	0.0187	0.5253	4.7						
06287	259	260	1		220	69.4	8.58	23.3	0	0	33.8	119.1	1.547	0	0	0	0	10.2	0.523	0	6.58	7.17	0.6353	0.0194	27.7	111	0.238	12.19	0.013	3	0.662	0.0177	0.4033	1.59						
06288	260	261	1		20	17.3	9.39	11.5	0	1.05	25.3	127.5	1.192	0	0	0	2.852	16.6	0	1.07	4.05	9.56	0.9536	0.0212	38.2	135	0.2095	11.32	0.0182	0	1.114	0.0247	0.6597	1.69						
06289	261	262	1		140	34	5.62	10.4	0	0	27.2	102.1	1.226	0	0	0	0	14.9	0	0	0	11.1	0.6315	0.0209	34.9	140	0.1668	13.72	0.0235	0	1.147	0.0253	0.7125	0						
06290	262	263	1		180	197	14.1	63.4	0	12.5	125	479.8	6.369	0	18	0	0	24.5	1.93	3.95	14.7	130	2.076	0.0855	32.7	110	1.674	2.867	0.3055	9	2.727	0.0205	1.399	9.76						
06291	263	264	1		40	178	15.1	100	0	27.7	121	832.6	6.602	0	8	0	0	35.4	2	7.78	12.1	224	3.034	0.1604	30.4	91.4	2.964	5.775	0.5764	2	3.588	0.0347	2.26	6.01						
06292	264	265	1		20	24.6	3.01	14.3	0	0	22.8	120.1	0.9782	0	7	0	0	7.46	0	0	2.02	29.6	0.455	0.0187	10.5	17.8	0.3123	0	0.0718	0	0.4895	0.0046	0.2738	0						
06293	265	266	1		50	187	17.2	108	0	23	119	919.7	6.599	0	10	0	0	39.3	2.03	6.46	3.04	215	3.53	0.1522	32.9	98.3	3.209	4.83	0.6583	1	3.911	0.02	2.009	31.7						
06294	266	267	1		90	493	13.3	68.1	0	6.9	115	457.4	7.113	0	0	0	0	36.7	2.05	4.96	11.6	106	2.1	0.084	30.4	122	1.42	6.044	0.2167	3	2.465	0.0184	1.186	1.57						
06295	267	268	1		170	62.8	8.47	41.7	0	0	59.2	286.3	2.905	0	0	0	0	13.9	0.86	3.45	1.52	16.1	0.9177	0.0425	31	115	1.109	14.09	0.0341	5	1.311	0.019	0.8453	0						
06296	268	269	1		90	188	12.9	55.8	0	0	79.8	369.3	4.566	0	0	0	2.852	28.9	1.43	1.76	8.61	22.1	1.258	0.0582	28.2	95.4	2.179	6.128	0.0435	13	1.651	0.024	1.261	0						
06297	269	270	1		160	201	11	107	0	0	108	483	5.849	0	0	0	5.675	43.8	1.77	2.07	0	29.6	1.158	0.0401	22.4	97.1	3.372	4.713	0.0628	17	2.247	0.0278	1.893	0						
06298	270	271	1		230	88.2	9.69	65.8	0	0	56.8	613.3	2.971	0	0	0	0	58.2	0.987	3.01	0	24.8	2.898	0.0291	37.9	104	2.054	10.61	0.0816	9	1.795	0.0219	0.9699	14.4						
06299	271	272	1		50	42.9	9.4	58.3	0	3.21	42	538.3	2.099	0	0	0	0	27.9	0.704	1.38	0	26.3	2.401	0.032	38.7	113	1.927	17.67	0.1007	8	2.052	0.0189	0.9835	2.44						
06300	272	273	1		130	78.9	11.4	73.4	0	0	51.7	640.7	2.65	0	0	0	5.675	36.4	0.927	2.7	3.54	30.8	3.137	0.0349	42.6	98.3	2.07	12.23	0.0958	2	1.968	0.0211	1.074	13.3						
06301	273	274	1		40	58.7	10.6	81.6	0	0	52	504.3	2.73	0	0	0	5.674	19.4	0.852	0	1.52	35.9	2.397	0.0389	42.6	114	2.105	10.4	0.1426	10	2.327	0.0269	1.44	19.9						
06302	274	275	1		220	136	14	93.4	0	0	105	661.6	9.97	0	0	0	0	9.79	2.5	0	0	35.3	2.251	0.0402	37.1	70.8	3.197	11	0.1053	0	2.299	0.0314	1.551	60.1						
06303	275	276	1		720	119	12.4	89.2	0	0	58	721.6	3.321	0	0	0	0	23	0.999	3.7	3.54	28.1	3.24	0.0372	40.1	103	1.861	16.67	0.13	0	2.006	0.0227	0.8013	82.6						
06304	276	277	1		30	113	13.2	113	0	0	88.3	1027	4.584	0	0	0	2.852	40.2	1.4	0	5.06	36.5	4.217	0.0486	49.5	163	1.506	11.99	0.1664	0	2.609	0.0265	0.9239	43.7						
06305	277	278	1		410	207	14.4	116	0	0	76.2	1298	4.047	0	0	2	0	36.1	1.32	4.33	5.06	33.5	4.653	0.0473	54	131	1.302	15.37	0.1668	0	2.317	0.0234	0.7233	58						
06306	278	279	1		30	78.9	12.9	99	0	0	61	1314	3.18	0	0	0	0	39.3	1.14	4.02	3.04	31.7	4.63	0.0491	47.9	147	0.7765	25.03	0.1524	0	2.023	0.0182	0.4986	86.5						
06307	279	280	1		20	194	17.1	133	0	0	79.8	1915	4.512	0	0	0	8.496	44.9	1.49	0	1.52	40.3	6.097	0.0463	58.4	140	0.8068	18.44	0.1068	0	2.28	0.0231	0.8753	199						
06308	280	281	1		340	113	11.9	291	0	0	76.6	1183	4.06	0	0	2	0	32.8	2.44	0	1.01	29.9	5.46	0.0505	49.8	92.8	1.989	15.62	0.0812	0	1.672	0.0236	0.6927	15.7						
06309	281	282	1		410	472	11	110	0	0	100	846.4	5.804	0	0	0	2.852	21.8	1.87	0	3.54	32	3.707	0.0347	46.8	83.9	2.132	5.788	0.1249	12	1.962	0.0287	1.45	45.5						

Appendix 5.2.7 - 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
SX05006	359.1	270	-45	524827.3	5494627.2	1762	COMPLETE	5/30/2004	D. L. Pighin

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
06310	282	283	1		660	214	17.7	106	0	0	115	1128	7.434	0	0	3	0	29.7	2.27	1.57	5.57	31.7	4.618	0.0298	47	109	2.035	4.132	0.0891	0	1.844	0.0222	1.241	94.1						
06311	283	284	1		60	376	13.9	185	0	0	112	1308	5.041	0	0	0	0	30.1	1.84	4.52	5.06	39.1	5.355	0.0388	50.1	68.5	3.234	16.86	0.1173	0	2.478	0.0321	1.256	101						
06312	284	285	1		40	127	16.6	173	0	35.2	72.8	1004	3.392	0	0	0	0	31.5	1.16	4.33	5.57	37.1	3.61	0.0497	47.3	116	3.519	23.8	0.1879	0	2.907	0.0339	1.843	63						
06313	285	286	1		20	27.3	2.14	29.8	0	2.97	15.8	189.5	0.6678	0	0	5	0	6.86	0	0	4.05	6.87	0.6528	0.0071	16.1	15.2	0.4851	3.973	0.0282	0	0.4507	0.0052	0.2621	11.9						
06314	286	287	1		40	146	14.1	232	0	0	70	1595	3.602	0	0	0	0	32.4	1.52	3.01	7.59	39.4	5.289	0.0371	48.2	72.8	4.026	25.37	0.1274	0	2.956	0.0251	1.129	45.1						
06315	287	288	1		70	229	15.8	353	0	0	93.2	2540	5.243	0	0	0	0	87.1	2.62	2.76	9.62	40.3	8.835	0.0317	54.5	56.7	4.217	9.357	0.0611	0	2.068	0.0196	1.419	87.1						
06316	288	289	1		130	448	12.9	97.9	0	0	111	900.2	5.728	0	0	0	0	20.4	1.7	3.95	6.07	20.9	3.594	0.0336	41.5	62.2	1.63	10.9	0.0811	0	1.775	0.026	0.2107	104						
06317	289	290	1		110	232	12.5	99.2	0	0	72.1	904.3	3.9	0	0	2	5.674	34.4	1.31	3.14	0	32	4.726	0.0399	50.1	110	1.916	14.75	0.1209	0	2.047	0.0214	0.6909	153						
06318	290	291	1		80	116	15.9	156	0	0	85.1	914.6	4.143	0	0	0	0	59.9	1.78	4.64	16.2	29	5.07	0.051	50.4	124	1.229	18.35	0.0887	0	1.824	0.0229	0.7697	96.2						
06319	291	292	1		50	118	16.6	301	0	0	49.5	797.5	2.276	0	0	0	14.16	37	2.29	2.95	11.1	25.1	4.734	0.0497	44.9	93.5	1.065	40.71	0.1252	0	1.586	0.0228	0.4033	82.2						
06320	292	293	1		50	446	14	70.9	0	8.19	102	448.2	4.4	0	0	0	0	34.6	1.38	4.96	11.1	25.1	2.863	0.0431	46.8	109	1.071	11.54	0.1353	0	1.766	0.0165	0.5583	257						
06321	293	294	1		40	241	15.6	101	0	8.05	78.4	894	3.99	0	0	2	0	42.9	1.17	4.39	6.07	28.1	3.977	0.0305	45.4	129	1.387	9.673	0.111	0	1.934	0.0203	0.8957	132						
06322	294	295	1		10	200	23.8	387	0	35.6	57.8	1768	4.195	0	0	0	19.63	67.1	2.7	19.8	0	42.8	5.646	0.0253	67.3	158	1.426	19.55	0.1495	0	2.331	0.0299	0.9213	131						
06323	295	296	1		10	49.6	25.5	1710	0	37.1	101	953	6.121	0	0	2	19.63	120	12.4	23.8	12.7	16.5	3.437	0.0342	39.7	271	0.3852	13.53	0.0157	12	0.4621	0.0172	0.2401	12.4						
06324	296	297	1		40	74.2	20.5	741	0	33.2	33.3	1652	3.039	0	0	0	15.7	59.2	4.98	18.8	0	36.5	5.511	0.0253	59.6	177	1.427	21.8	0.1086	0	2.002	0.0328	0.7049	51.1						
06325	297	298	1		140	102	22.2	208	0	176	50.6	2246	3.306	0	0	0	15.7	45.1	1.27	19.5	0	79.3	5.5	0.0395	50.3	265	2.381	41.04	0.1171	0	2.35	0.0252	1.334	11.7						
06326	298	299	1		10	182	25.8	340	0	377	183	1971	9.185	0	0	5	23.55	43.2	2.38	25.3	0	169	5.271	0.0769	49.9	479	4.615	11.61	0.1359	0	3.206	0.0427	3.284	55.1						
06327	299	300	1		30	67.1	18.4	73.5	0	30.1	37.2	4123	3.423	0	0	0	27.48	28.1	1.15	19.4	0	56	6.184	0.0314	55.6	162	0.488	17.51	0.1455	0	2.325	0.0116	0.2553	59.7						
06328	300	301	1		10	96.4	21.5	114	0	31.3	45.6	4291	3.816	0	0	0	15.7	29.6	1.45	20.6	0	56	7.005	0.0343	59.6	180	0.6575	32.93	0.1569	0	2.589	0.0142	0.3546	64						
06329	301	302	1		10	35.9	19.9	316	0	29.2	12.9	1107	1.533	1	0	0	31.41	26.9	1.78	18.8	0	38.2	3.599	0.0311	48.7	123	2.12	98.74	0.1559	0	2.106	0.0327	1.143	24.5						
06330	302	303	1		10	257	327	2140	0	32.2	52.9	3231	3.796	0	0	0	3.912	71.4	13	18.4	564	46.2	6.849	0.0374	58.8	104	0.5882	36.04	0.0926	0	1.872	0.0205	0.566	82.1						
06331	303	304	1		10	81.8	20.4	88.8	0	33.5	40.2	1244	2.665	0	0	0	0	28.8	0.896	19.9	0	36.5	3.588	0.0305	54.4	116	1.365	31.48	0.1728	0	2.294	0.02	1.083	4.37						
06332	304	305	1		20	87.9	19.8	123	0	32.6	19.7	1183	2.076	0	0	3	3.911	27.6	0.892	17.8	0	33.1	3.691	0.0268	47.5	136	1.467	54.2	0.1609	0	1.899	0.0287	0.7571	28.6						
06333	305	306	1		0	101	19.3	413	0	30.5	26.5	1987	2.553	0	0	0	11.77	29	2.24	18.8	0	37.3	4.332	0.0298	56.4	109	0.7957	32.56	0.135	0	1.949	0.0201	0.5901	45.8						
06334	306	307	1		10	187	27.8	140	0	39.1	53.5	2204	4.066	0	0	0	23.55	55.4	1.4	19.8	10.4	41.6	4.9	0.0257	59.6	148	0.8656	20.61	0.1519	0	2.293	0.0286	0.739	69.4						
06335	307	308	1		10	130	21.1	204	0	36.9	75.4	3543	5.323	0	0	0	0	24.5	1.64	20	0	43.3	5.26	0.0372	56.4	151	1.487	19.05	0.1393	0	2.261	0.0246	0.8478	118						
06336	308	309	1		0	86.5	22.5	195	0	36.9	21.3	2008	2.245	0	0	0	15.7	41.2	1.41	19.5	0	45.4	4.912	0.0304	64.1	133	1.083	56.09	0.1716	0	2.517	0.0229	0.8114	28.7						

Appendix 5.2.7 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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
06337	6	7	1		250	48.5	18.9	64.5	0	25.3	32.4	708.3	2.862	0	0	0	23.55	65.3	0.932	17.4	0	41.1	1.934	0.0269	40.5	128	0.5137	32.58	0.1896	0	2.159	0.0156	0.3007	18.9						
06338	7	8	1		310	63.5	19.6	64.7	0	27.9	41	786.3	3.16	0	0	0	19.63	66.6	0.932	18.1	0	39.9	2.049	0.0279	43.8	120	0.5911	35.18	0.1809	0	2.253	0.0218	0.2626	5.36						
06339	8	9	1		310	102	23.5	138	0	30	73.9	1191	4.709	0	0	0	13	58.1	1.33	17.8	0	39	1.63	0.0326	32.4	179	0.8648	47.52	0.1518	0	2.82	0.0207	0.4331	9.97						
06340	9	10	1		300	91.1	22	125	0	32.8	65.3	1568	3.646	0	0	0	43.2	41	1.23	17.9	0	34.8	1.221	0.0353	43	154	0.8123	70.91	0.1018	0	2.396	0.0162	0.5362	0						
06341	10	11	1		280	43.7	23.1	35.1	0	32.6	17.4	253.9	1.419	0	0	0	23.55	17.9	0.565	15.4	0	10.2	0.1093	0.0662	38.5	147	0.1074	172	0.0059	0	1.047	0.037	0.4744	0						
06342	11	12	1		100	13.3	19.5	18	0	27.7	1.78	98.47	1.137	0	0	0	3.913	25.3	0.507	15.8	0	6.78	0.145	0.0652	35.3	127	0.0671	110.8	0.0073	0	0.8427	0.0441	0.4511	0						
06343	12	13	1		30	49.7	18.8	91.7	0	42.1	24.7	951.4	1.623	0	0	0	27.48	29.4	0.763	17.4	0	31	1.335	0.0417	47.4	141	1.697	276.9	0.0777	0	2.051	0.0322	0.9449	0						
06344	13	14	1		90	84.6	21.6	138	0	48.7	56.4	1379	2.253	0	0	0	3.922	2.58	1.32	18	0	39.9	0.2311	0.0262	29.2	184	2.795	109.1	0.0953	0	2.932	0.0228	1.048	0						
06345	14	15	1		110	32.6	14.6	98.6	0	40.6	25.8	808.9	1.662	0	0	0	35.34	0	0.892	17.7	0	14	0.0529	0.0196	40.6	212	0.2442	135.3	0.0056	0	1.12	0.0153	0.6906	0						
06346	15	16	1		30	14.9	10.4	12.7	0	37.5	0	112.7	0.3083	0	0	0	19.63	0	0	19.1	0	5.94	0.0173	0.0037	6.89	277	0.0513	60.68	0.0023	0	0.2325	0.0134	0.1323	0						
06347	16	17	1		20	27	10.4	21.8	0	37.6	0	253.9	0.5159	0	0	0	15.69	1.09	0.5	18.4	0	9.33	0.0316	0.0092	7.71	262	0.0388	193.9	0.0031	0	0.3443	0.0146	0.185	0						
06348	17	18	1		70	28.6	14.6	54.5	0	36.3	2.98	330.1	0.9511	0	0	0	39.27	9.73	0.586	16.9	0	19.1	0.1479	0.0262	32	196	0.4031	296.4	0.0325	0	1.161	0.0261	0.7002	0						
06349	18	19	1		80	86.3	22.1	127	0	33.8	68.8	1035	4.101	0	0	0	39.27	79.1	1.19	18.9	0	70.4	2.059	0.0369	45.4	152	2.018	54.7	0.2284	0	2.821	0.0572	1.095	20.7						
06350	19	20	1		50	35.7	18.2	88.1	0	32.7	15	846.6	1.662	1	0	0	7.842	67.6	0.687	18.4	0	36.1	2.172	0.0268	55.6	128	2.035	97.87	0.166	0	2.294	0.0605	0.8745	0						
06351	20	21	1		50	23.8	22	94.5	0	30.9	13	647.8	1.652	0	0	0	15.7	59.9	0.698	19.2	0	47.1	1.361	0.0268	45	155	1.976	140	0.1896	0	2.705	0.0449	1.431	9.78						
06352	21	22	1		40	24.2	19.7	64.2	0	28	6.04	587.5	1.255	1	0	0	0	49.7	0.543	17.4	0	25.9	0.9184	0.0496	60	135	0.8989	960.5	0.0818	0	1.826	0.048	0.6995	0						
06353	22	23	1		30	14	16.5	25.5	0	31.1	0	166	0.6731	0	0	0	15.7	35.7	0	17.4	0	12.3	0.1826	0.063	51.9	94.9	0.1145	1078	0.0222	0	0.7768	0.0571	0.5243	0						
06354	23	24	1		50	245	19.9	44.3	0	34.9	83.6	788.9	4.716	0	0	0	19.63	52.7	1.35	21.8	0	36.1	1.579	0.0293	44.6	123	0.3177	16.79	0.1072	0	1.57	0.0359	0.178	1.02						
06355	24	25	1		160	272	21.7	84.4	0	33.8	113	886.1	6.979	0	0	0	11.77	52.9	1.89	21	2.88	44.5	1.532	0.0262	48.3	116	0.7243	15.77	0.1204	0	2.06	0.0339	0.4557	0						
06356	25	26	1		370	165	21.1	65.2	0	33.1	84.5	880.2	5.026	0	0	0	15.7	69.7	1.35	15.5	0	47.9	1.982	0.0321	50.3	141	0.6133	42.69	0.1558	0	2.09	0.0326	0.3045	14.1						
06357	26	27	1		140	200	21.4	96	0	31.8	64.6	752	4.127	0	0	0	23.55	79.4	1.22	18.9	0	45.8	1.746	0.0308	50.3	184	0.911	35.1	0.1746	0	2.417	0.0426	0.6868	0						
06358	27	28	1		290	123	20.4	69.5	0	31.8	52	1165	3.539	0	0	0	27.48	74.7	1.14	17.4	0	42.8	2.48	0.0264	52.3	195	0.7884	52.44	0.143	0	2.183	0.032	0.3605	0						
06359	28	29	1		90	47.8	30.6	456	0	32.2	49.4	1423	3.153	0	0	0	0	69.1	3.69	18.3	0	29.7	2.861	0.0274	58.4	158	1.445	24.8	0.0183	0	1.427	0.0397	0.8683	0						
06360	29	30	1		130	212	22.8	104	0	37.6	80.4	784.8	4.477	0	0	0	43.2	63.5	1.36	18	0	36.5	1.193	0.0269	42.6	133	1.495	22.63	0.1483	0	2.295	0.0318	0.8557	1.88						
06361	30	31	1		170	99.4	21.1	85.9	0	31.7	46.3	1066	2.977	0	0	0	0	66.3	0.874	17.9	0	42	2.283	0.0276	56.4	155	1.816	57.18	0.1536	0	2.349	0.0619	0.8688	0						
06362	31	32	1		150	192	20.7	80.2	0	33.5	68.2	990.3	3.957	0	0	0	0	60.9	1.11	20	0	40.7	2.069	0.0277	53.5	147	1.418	24.8	0.1587	0	2.409	0.0358	0.8016	0						
06363	32	33	1		350	210	22.4	117	0	32.2	88.1	1331	5.164	0	0	0	3.913	72.9	1.5	17.4	0	36.5	3.437	0.0275	60.8	142	1.154	21.15	0.0683	5	1.837	0.0329	0.7357	0						
06364	33	34	1		280	186	22.4	85	0	29.3	94.8	1148	5.111	0	0	0	0	58.4	1.36	17.4	0	49.6	2.182	0.0297	52.3	168	1.095	21.85	0.1608	4	2.486	0.0402	1.029	0						
06365	34	35	1		170	206	23	114	0	37.2	62.5	1804	3.407	0	0	0	7.839	86.4	1.23	17.3	0	45.8	2.363	0.0318	71.4	171	1.322	63.45	0.1768	0	2.986	0.0502	0.663	0						
06366	35	36	1		140	69.2	22.7	139	0	34	40.8	1253	2.779	0	0	0	27.48	46.4	1.05	17.4	0	50.5	2.802	0.0316	62.1	136	2.395	76.86	0.1658	0	2.797	0.0491	1.814	0						
06367	36	37	1		190	21.6	20.9	90.7	0	34.5	19.5	910.3	1.712	0	0	0	19.63	44.6	0.629	16.1	0	48.4	1.541	0.0318	52.7	159	2.133	131.7	0.2006	0	2.65	0.0521	1.658	0						
06368	37	38	1		170	27.5	20.9	76.5	0	32	20.1	1046	1.798	0	0	0	31.41	42.3	0.637	16.2	0	46.7	1.387	0.0256	45.8	168	1.974	119.9	0.1568	0	2.557	0.0475	1.532	0						
06369	38	39	1		140	62.1	23.2	109	0	31.7	41.7	1531	2.725	0	0	0	11.77	58.1	0.87	17.7	0	48.4	2.694	0.0306	64.5	136	3.174	107.5	0.1774	0	3.095	0.0585	1.479	0						
06370	39	40	1		740	41.7	18.7	96.3	0	34.1	30.7	1173	2.202	1	0	0	27.48	49.7	0.834	11.5	0	38.6	3.61	0.0262	57.6	159	2.321	74.2	0.0319	1	2.165	0.0301	1.095	0						
06371	40	41	1		110	58.5	19	93.8	0	30.9	29.6	1042	2.163	0	0	0	19.63	50.2	0.824	5.56	0	30.1	2.952	0.0302	57.2	211	2.088	90.76	0.0397	6	2.198	0.0308	1.359	0						
06372	41	42	1		220	44.4	21.7	74.7	0	39.8	28.3	725.9	2.072	0	0	0	3.912	22.3	0.748	16.6	0	32.2	1.074	0.0281	48.3	212	1.496	99.72	0.0731	9	2.302	0.0266	1.465	0						
06373	42	43	1		290	39.1	20.6	74.4	0	30.3	26.6	1293	2.04	1	0	0	7.842	58.6	0.809	15.5	0	26.3	2.805	0.0314	56	115	2.073	122.7	0.0452	5	1.613	0.0226	1.04	0						
06374	43	44	1		1670	38.4	16.3	61	0	18.5	19.9	999.7	1.631	2	0	0	23.55	50.2	0.68	0	0	23.8	2.549	0.0395	59.6	178	1.191	177.1	0.0161	4	1.424	0.0233	0.7654	0						
06375	44	45	1		2780	14.3	12.2	101	0	2.49	16.7	835.6	1.709	2	0	0	54.98	87.7	1.07	0	0	23.8	2.643	0.0395	48.3	187	1.384	46.06	0.0086	0	1.005	0.0222	0.6363	3.56						
06376	45	46	1		590	36.3	19.5	52.7	0	26.2	25.8	875.6	2.003	0	0	0	31.41	60.9	0.755	10.8	0	21.6	2.374	0.0323	53.1	162	1.503	116.5	0.0212	0	1.236	0.0205	0.8375	0						
06377	46	47	1		470	25.9	19	58.1	0	25.5	20.9	790.7	1.951	0	0	0	27.48	68.9	0.77	12.1	0	22.9	2.489	0.0352	56.8	149	1.535	132.2	0.0196	0	1.197	0.0193	0.8104	0						
06378	47	48	1		370	40	29.1	73	0	32.3	19.4	603.2	1.804	0	0	0	3.915	54.6	1.07	12.8	0	24.2	1.882	0.033	55.6	178	0.977	93.57	0.0235	0	1.375	0.0181	0.784	0						
06379	48	49	1		320	32.4	17.8	48.1	0	31.3	5.44	659.5	1.175	0	0	0	11.77	33.9	0.647	13.7	0	19.1	1.42	0.0386	51.5	157	0.6796	168.5	0.0156	0	1.191	0.0174	0.7087	0						
06380	49	50	1		310	50.8	17.6	78.2	0	37.1	16.5	400.6	1.578	0	0	0	39.27	16.7	0.827	14.8	0	18.7	0.4271	0.0442	55.2	198	0.3893	213.5	0.0308	0	1.448	0.0233	0.8446	0						
06381	50	51	1		660	49.5	19.1	80.1	0	33.1	18.8	353.1	1.769	0	0	0	27.48	12.6	1.04	11.5	0	13.6	0.2574	0.0418	35.7	201	0.2369	74.04	0.0181	0	1.192	0.0216	0.7057	0						
06382	51	52	1		290	25.2	28.6	76.3	0	31.6	23.9	627.5	2.085	0	0	0	23.55	35.3	1.05	15.3	0	18.7	1.228	0.0567	47.5	135	0.6304	82.78	0.0216	0	1.194	0.0186	0.7614	0						
06383	52	53	1		1000	10.3	14.5	58.8	0	28.2	13.3	406	1.403	0	0	0	27.48	20.3	0.68	4.75	0	18.7	0.8613	0.0347	42.2	169	0.5569	188.5	0.0199	0	1.068	0.0216	0.6054	0						
06384	53	54	1		850	12.6	16.8	47.8	0	26.2	10.6	302.6	1.415	0	0	0	23.55	24	0.658	8.23	0	19.9	0.6521	0.0304	49.9	220	0.4864	122.3	0.0232	0	1.127	0.0283	0.6993	0						
06385	54	55	1		390	30	36.3	71.9	22.83	29.1	14.5	211.2	1.659	0	0	0	7.822	66.3	1.09	14.8	0	20	0.7385	0.0617	53.2	217	0.3308	50.26	0.0225	0	1.224	0.0413	0.6428	0						
06386	55	56	1		250	12.2	28.7	36.7	0	30.8	8.05	157.3	1.339	0	0	0	3.912	92.5	0.586	15.3	0	19.9	0.9168	0.0725	66.9	182	0.2019	62.64	0.0227	0	1.458	0.0398	0.5716	0						
06387	56	57	1		170	11.4	25.6	28.3	2.9	27.2	3.67	244.8	1.185	0	0	0	0	123	0.572	17	0	24.2	1.477	0.0716	74.6	186	0.195	64.81	0.0296	0	1.154	0.0493	0.5843	0						
06388	57	58	1		160	17.2	23.3	21.7	0	26.7	3.69	271.6	1.186	0	0	0	27.48	190	0	15.9	0	25.9	1.939	0.0832	73.8	137	0.2084	84.71	0.046	0	1.179	0.0541	0.6209	0						
06389	58	59	1		140	22.4	27	35.5	0	28.7	2.59	274.3	1.164	0	0	0	27.48	138	0.568	17.4	0	28.8	1.763	0.0863	81.5	146	0.2166	100.8	0.0347	0	1.444	0.0401	0.639	0						
06390	59	60	1		150	18.4	24.3	35.8	0	27	1.14	248.3	1.135	0	0	0	0	252	0.55	15.3	0	27.1	1.562	0.0792	71.8	160	0.2607	200.2	0.0793	0	1.338	0.0558	0.6119	0						
06391	60	61	1		160	62.2	25.3	24.4	0	25.7	4.01	256.9	1.225	0	0	0	11.77	157	0.54	16.7	0	26.7	1.846	0.083	75.4	165	0.2113	73.67	0.0416	0	1.124	0.0492	0.6539	0						

Appendix 5.2.7 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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
06392	61	62	1		90	24.9	24.9	25.2	0	26	0	292.8	1.154	0	0	0	7.84	178	0	14.7	0	26.3	2.043	0.0764	76.3	135	0.2212	94.96	0.0491	0	1.093	0.0553	0.6582	0						
06393	62	63	1		120	47.1	39.8	24.9	0	28	0	311.3	1.002	0	0	0	43.2	116	0	16.2	8.07	25.4	1.904	0.0778	75	161	0.2011	109.3	0.0247	0	1.247	0.0347	0.523	0						
06394	63	64	1		170	25.8	24.9	69.4	0	26.6	5.04	305.2	1.198	0	0	0	15.7	141	0.838	16.6	0	24.2	2.103	0.076	76.3	164	0.2138	60.81	0.0299	0	1.141	0.0523	0.6322	0						
06395	64	65	1		90	18	22.3	23.2	0	28	0	287.5	1.099	0	0	0	0	149	0	17.2	0	23.3	1.981	0.0773	74.2	151	0.2109	95	0.0335	0	1.017	0.0534	0.6212	0						
06396	65	66	1		270	12	24.5	19.8	0	26.6	16.9	301.4	1.644	0	0	0	11.77	132	0.597	15.1	0	20.8	1.904	0.0795	68.1	146	0.1924	35.52	0.0232	0	1.156	0.0507	0.6596	6.22						
06397	66	67	1		130	16.8	23.7	20.9	0	25.5	0	272.4	1.054	0	0	0	3.912	138	0	15.8	0	21.6	1.821	0.0785	68.1	138	0.2083	75.06	0.0314	0	0.9951	0.0486	0.5868	0						
06398	67	68	1		130	22.1	24.6	21.1	0	29.6	0	255	1.021	0	0	0	3.912	181	0	15.6	0	23.3	1.549	0.0751	71.4	180	0.2188	99.48	0.0434	0	1.122	0.0581	0.5834	0						
06399	68	69	1		220	24.4	22.1	25.5	0	30.5	0	264.1	0.9907	0	0	0	0	105	0	14.7	0	22.1	1.296	0.071	69	194	0.1961	161.6	0.0247	0	1.037	0.0496	0.5466	12.8						
06400	69	70	1		160	25.6	30.3	37.1	0	27.4	1.31	206	1.082	0	0	0	19.63	135	0.532	15.2	0	22.5	0.8774	0.0752	67.3	198	0.2237	270.2	0.0455	0	1.189	0.0554	0.6045	0						
06401	70	71	1		60	22.9	33.2	55.9	0	32.9	3.68	229.8	1.115	0	0	0	15.7	117	0.676	17.8	0	23.3	0.6022	0.0803	68.5	164	0.2305	260.4	0.0405	0	1.247	0.0638	0.6356	0						
06402	71	72	1		140	23	41.3	34.3	0	26.4	8.8	264.1	1.277	0	0	0	19.63	127	0.59	16.6	0	23.8	1.319	0.0671	67.7	162	0.2268	78.87	0.0328	0	1.158	0.0564	0.6092	2.22						
06403	72	73	1		340	13.3	34.4	39.8	0	24.3	2.14	233.9	1.11	0	0	0	35.34	98.3	0.644	13.8	0	19.9	1.297	0.0566	62.1	150	0.1639	111.3	0.021	0	1.089	0.0608	0.622	0						
06404	73	74	1		170	19	24.1	43.4	0	24.5	6.94	171.3	1.266	0	0	0	19.63	90.8	0.669	15	0	18.2	0.677	0.0645	61.7	158	0.1716	85.48	0.0274	0	1.017	0.0512	0.5547	0						
06405	74	75	1		190	19.7	34.7	155	0	26.3	16.5	280	1.517	0	0	0	3.912	108	1.56	15.6	6.92	19.1	1.343	0.0573	60.4	174	0.1488	39.68	0.0215	0	1.101	0.0531	0.597	0						
06406	75	76	1		370	17.3	25.7	120	0	27.2	5.99	218.8	1.149	0	0	0	15.7	83.6	1.15	13.3	0	16.5	0.6965	0.0673	55.2	164	0.1676	91.29	0.0234	0	1.052	0.0452	0.5196	0						
06407	76	77	1		200	17.9	33.6	120	0	35.6	1.99	245.2	1.057	0	0	0	7.843	131	0.928	16.2	0	19.1	1.18	0.0624	61.2	166	0.2044	123.6	0.037	0	1.046	0.05	0.5229	0						
06408	77	78	1		160	16.4	26.6	57.9	0	31.5	3.07	217.3	1.062	0	0	0	11.77	74.2	0.55	16.1	0	18.7	0.7353	0.0672	63.7	182	0.1634	243.6	0.0185	0	1.365	0.0363	0.5177	0						
06409	78	79	1		90	16.6	25.6	64.3	0	29.1	3.68	220.7	1.088	0	0	0	11.77	48.9	0.799	17.4	0	15.7	0.2785	0.0655	56.8	149	0.1543	200.9	0.0216	0	1.121	0.0458	0.5155	1.37						
06410	79	80	1		160	20.5	23.5	57.6	0	25.8	0	135.4	0.9029	0	0	0	0	67.7	0.55	15.8	0	11	0.4232	0.0548	49.1	174	0.1048	461.5	0.0162	0	0.7994	0.0402	0.5022	0						
06411	80	81	1		410	23.4	61.5	142	0	23.5	6.6	296.2	1.191	0	0	0	3.914	66.5	1.63	15.3	0	14.8	0.9367	0.0652	64.9	155	0.1154	55.44	0.0136	0	0.9464	0.0331	0.5668	0						
06412	81	82	1		170	18.6	53.5	63.7	1.291	26.9	6.05	188.3	1.228	0	0	0	3.912	71.5	0.773	15.6	0	16.5	0.6531	0.0665	67.7	149	0.1558	71.86	0.0241	0	1.098	0.0462	0.6333	0						
06413	82	83	1		320	19.6	40	304	0	28.9	11.3	238.1	1.417	0	0	0	7.84	64.7	2.48	14.4	0	16.5	0.9129	0.066	68.5	135	0.1159	33.28	0.0144	0	0.9908	0.0325	0.5556	0						
06414	83	84	1		230	17.1	50.4	201	0	25.9	0	226.4	0.9412	0	0	0	27.48	73.3	1.61	15.2	4.61	11.9	1.064	0.0508	63.3	141	0.0782	68.34	0.0086	0	0.805	0.0322	0.4914	11.6						
06415	84	85	1		190	28.2	109	302	0.8	29.5	5.48	149	1.062	0	0	0	15.7	34.4	2.15	16.5	12.7	10.6	0.2158	0.0692	53.1	148	0.0962	120.8	0.009	0	1.077	0.0268	0.5027	0						
06416	85	86	1		270	17.9	61.8	195	0	26.1	12.2	4302	1.539	0	0	0	7.842	77	1.67	15.2	2.31	14	1.034	0.0627	56	134	0.1328	50.32	0.0095	0	0.9459	0.0198	0.5439	0						
06417	86	87	1		360	13.7	745	3240	1.8	23.4	11.4	659.1	1.48	0	0	0	39.27	75.7	20.8	13.7	0	11.9	1.351	0.0582	57.6	133	0.1142	30.94	0.0029	0	0.8972	0.0127	0.4168	0						
06418	87	88	1		240	23.1	69.2	240	0	25.9	0	303.1	1.024	0	0	0	0	102	1.9	16.6	14.4	14	1.744	0.0654	74.2	127	0.1113	50.62	0.012	0	0.8638	0.027	0.5126	7.96						
06419	88	89	1		290	21.2	21.1	23.6	0	25.1	0	233.2	0.8578	0	0	0	19.63	126	0	13	0	14.8	1.46	0.058	58.8	110	0.1776	208.4	0.0274	0	0.8174	0.0507	0.5021	0						
06420	89	90	1		310	14.9	30.2	101	0	26.3	0	234.6	0.7337	0	0	0	11.77	94.7	0.978	13.8	0	15.7	1.349	0.0478	60	104	0.1082	88.08	0.0145	0	0.7303	0.0411	0.4745	0						
06421	90	91	1		280	19.6	32.3	80.3	0	28.7	0	250.1	0.8632	0	0	0	7.842	109	0.885	15.4	0	16.1	1.394	0.0612	63.7	131	0.1328	68.37	0.023	0	0.8217	0.0342	0.4902	1.18						
06422	91	92	1		280	13.4	29.2	140	0	24.2	3.37	244.9	1.102	0	0	0	0	94.9	1.31	15.1	0	16.5	1.346	0.0617	65.7	138	0.1476	49.95	0.0178	0	0.9035	0.04	0.5167	0						
06423	92	93	1		100	12.9	112	49.1	3	26.3	2.93	218.8	1.063	0	0	0	15.7	77.8	0.781	16.1	0	16.5	1.006	0.0542	62.5	116	0.1245	58.69	0.0185	0	0.827	0.0397	0.4959	0						
06424	93	94	1		250	19.2	21.3	60.3	0	28.8	1.02	178.1	1.001	0	0	0	0	82.8	0.781	15.1	0	17.8	0.8534	0.067	65.3	128	0.1518	89.6	0.0262	0	0.9279	0.0513	0.5722	0						
06425	94	95	1		320	18.2	22.6	34.9	0	27.7	2.11	257.3	1.049	0	0	0	7.84	135	0.572	14.3	0	20.4	1.537	0.0702	67.3	121	0.191	70.94	0.0338	0	0.9613	0.0484	0.5618	0						
06426	95	96	1		670	10.8	23.9	59.2	0	23.7	0	263.7	0.8148	0	0	0	11.77	106	0.705	10.5	0	17.4	1.296	0.0624	63.7	125	0.171	110	0.0224	0	0.8151	0.0438	0.5109	0						
06427	96	97	1		640	15	71.1	288	1.4	22.4	19.4	173.2	1.762	0	0	0	23.55	40	1.92	12.3	5.76	11	0.5647	0.0654	67.3	131	0.0849	30.64	0.0093	0	0.8371	0.0282	0.4859	0						
06428	97	98	1		370	17.2	34.2	148	0	21.5	0	272	1.029	0	0	0	39.27	105	1.29	14.7	0	18.2	1.373	0.0669	68.9	139	0.167	66.94	0.0262	0	0.9295	0.0395	0.5044	0						
06429	98	99	1		580	17.6	35.6	495	0	26	3.54	350.5	1.066	0	0	0	23.55	107	3.41	11.1	0	16.5	1.532	0.0614	75.4	119	0.12	50.74	0.0151	0	1.007	0.0319	0.5523	341						
06430	99	100	1		410	15.3	28.9	76.1	0	28.1	0	259.6	1.039	0	0	0	11.77	84.9	0.939	13.8	0	16.1	1.101	0.0611	59.2	134	0.1465	58.28	0.0196	0	0.8685	0.0387	0.499	8.09						
06431	100	101	1		260	13.4	20.1	189	0	3.94	22	174.5	0.8463	1	0	0	13.79	37.4	1.37	1.09	0	8.9	0.3942	0.0503	52.7	135	0.0847	43.79	0.0119	0	0.6579	0.0255	0.3762	2.72						
06432	101	102	1		390	26.2	17.1	123	0	0	19.8	169.5	0.7357	0	0	0	10.34	70.7	0.947	0	1.91	10.5	0.808	0.0531	55.2	112	0.1286	62.66	0.0232	12	0.6586	0.0329	0.3795	0						
06433	102	103	1		390	18.9	41.6	550	0	4.53	21.9	200.1	0.9004	0	0	0	0	90.8	3.34	0	6.22	13.2	1.28	0.0487	55.6	114	0.0985	39.95	0.0243	0	0.9656	0.0355	0.5436	744						
06434	103	104	1		540	27.7	44.2	98.9	0	2.43	21	184.3	0.7953	1	0	0	24.14	72.5	0.898	0	0	10.5	1.01	0.0494	65.1	116	0.0815	44.02	0.0122	0	0.6882	0.0267	0.3814	435						
06435	104	105	1		360	9.8	50	352	0	0	24.4	401.9	1.03	0	0	0	34.49	73.5	2.36	0	2.87	9.68	1.593	0.0535	65.1	137	0.0619	25.64	0	0	0.8851	0.014	0.4482	320						
06436	105	106	1		540	11.5	16.1	128	0	0	19.3	260.8	0.7238	0	0	0	6.89	80.5	1.03	0	0	12.8	1.407	0.0562	63.7	119	0.0924	48.86	0.0101	0	0.725	0.0237	0.4407	19.4						
06437	106	107	1		280	10.1	14.7	29.4	0	0	28.7	264.7	1.125	0	0	0	0	73.5	0	0	4.31	10.8	1.426	0.0592	62.2	107	0.0807	25.47	0.0076	0	0.7137	0.0249	0.3689	307						
06438	107	108	1		310	19.2	20.2	33.4	0	0	20.5	267.8	0.7944	0	0	0	20.69	83	0	0	3.83	12	1.787	0.0607	74.6	142	0.1129	52.11	0.008	11	0.8699	0.0303	0.4165	8.73						
06439	108	109	1		740	12.7	12.6	20.4	0	0	22.6	208.5	0.9115	0	0	0	20.69	56.6	0	0	0	10.5	1.272	0.0549	63.7	125	0.0962	44.22	0	13	0.7648	0.0291	0.3698	2.62						
06440	109	110	1		640	9.07	12	22.1	0	0	22.8	236.9	0.8925	0	0	0	27.59	81.2	0	0	0	12.4	1.191	0.0523	49.8	129	0.1398	49.63	0.0188	12	0.7025	0.0346	0.3591	3.04						
06441	110	111	1		420	15.7	11.7	41.8	0	0	22	195.2	0.822	1	0	0	13.79	64.6	0	0	0	11.6	1.079	0.0562	62.9	127	0.0996	47.17	0.01	15	0.6463	0.031	0.3902	0						
06442	111	112	1		920	11.2	9.77	29.8	0	0	26.9	198	0.9778	0	0	0	24.14	69.9	0	0	0	12.4	1.045	0.0519	49.4	128	0.103	32.84	0.0123	4	0.6565	0.0328	0.3766	2.82						
06443	112	113	1		640	7.32	12.5	72.5	0	0	26.4	194.5	1.084	0	0	0	0	61.1	0.67	0	0	9.68	0.9274	0.0483	46.1	118	0.1044	27.74	0.011	5	0.6311	0.0328	0.3766	10						
06444	113	114	1		550	12.9	11.7	19.2	0	0	24	241.9	0.9501	0	0	0	17.24	79.7	0	0	0	11.2	1.47	0.0506	54.9	135	0.1198	45.19	0.0141	7	0.7377	0.0359	0.3729	0						
06445	114	115	1		430	13.2	14	43.9	0	0	19.6	240.1	0.7138	0	0	0	17.24	71.4	0	0	0	10.5	1.467	0.0496	56.3	109	0.1221	87.48	0.0125	10	0.6882	0.033	0.3417	3.91						
06446	115	116	1		280	36.1	59.2	227	0	0	20.8	205.3	0.7732	0	0	0	37.94	60.5	1.53	0	2.39	10.1	1.062	0.0494	63.3	116	0.0727	45.5	0.0078	12	0.6632	0.0237	0.3943	37.6						

Appendix 5.2.7 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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
06447	116	117	1		350	24.4	478	866	0	0	15.1	375.6	0.5337	0	0	0	13.79	79.1	5.52	0	0	8.9	1.765	0.0509	58.9	124	0.0533	83.79	0	20	0.5592	0.0154	0.3301	0						
06448	117	118	1		330	12	22.2	43.4	0	0	26.9	265.7	1.107	0	0	0	10.34	86.2	0.361	0	0	10.5	1.391	0.0531	53.8	127	0.128	29.98	0.0162	13	0.7588	0.0292	0.3748	0						
06449	118	119	1		720	13.3	75.6	47.7	1.8	0	18.7	222.9	0.7115	1	0	0	27.59	66.5	0	0	1.91	8.52	1.096	0.0452	51.2	116	0.0709	57.99	0.0075	10	0.5187	0.0247	0.3267	9.27						
06450	119	120	1		560	13.9	18.7	74.4	0	0	18.4	221.2	0.6763	1	0	0	0	83.3	0.605	0	0	10.5	1.198	0.0469	55.2	117	0.1089	104.7	0.0181	7	0.632	0.028	0.3438	16.1						
06451	120	121	1		790	18.6	56.1	505	1.3	0	21.8	301.6	0.8795	0	0	0	31.05	70	3.75	0	0	9.29	1.257	0.0481	56	112	0.0541	41.48	0.0055	0	0.6153	0.0214	0.3796	244						
06452	121	122	1		850	11.3	31.5	68.1	0	0	24.2	249.9	0.8772	0	0	0	20.69	80	0.67	0	0	10.1	1.287	0.0452	47.6	140	0.1089	36.59	0.0109	19	0.7124	0.0253	0.3277	9.44						
06453	122	123	1		470	11.8	14.5	120	0	0	24.8	234.1	0.9777	0	0	0	27.59	70.9	0.953	0	0	10.1	1.202	0.0463	58.2	131	0.0902	30.43	0.0112	2	0.6912	0.0247	0.3801	31.3						
06454	123	124	1		1250	15.2	33.3	129	0	0	21.6	195.5	0.7743	1	0	0	20.69	55.5	1.04	0	0	8.9	0.9904	0.0455	60	148	0.0695	49	0.0056	11	0.6769	0.0242	0.3908	11.6						
06455	124	125	1		890	11.9	22.5	302	0	0	22.9	245	0.8077	0	0	0	3.439	75.7	1.96	0	0	8.9	1.282	0.0474	59.6	126	0.0929	42.47	0.0096	0	0.6652	0.0258	0.3714	137						
06456	125	126	1		740	7.32	34.8	107	0	0	16.3	200.4	0.6233	0	0	0	6.89	55.3	0.771	0	0	8.52	0.9823	0.0425	52.7	152	0.0775	61.42	0.006	7	0.6345	0.0222	0.3428	1.66						
06457	126	127	1		550	11.3	16.8	41.2	0	0	25.7	228.5	0.9136	0	0	0	17.24	72.4	0	0	0	10.8	1.168	0.0455	50.5	116	0.1128	46.14	0.0158	7	0.6501	0.0347	0.3452	108						
06458	127	128	1		590	11.7	13.2	30.3	0	0	27	218.7	0.9576	0	0	0	17.24	73.1	0	0	0	8.9	1.196	0.0487	53	118	0.0996	40.17	0.0127	72.9	0.6392	0.0337	0.3481	0						
06459	128	129	1		550	13.8	13.7	29.8	0	0	24	213.1	0.877	0	0	0	3.441	69.5	0	0	0	9.29	1.077	0.0433	49.4	118	0.1002	49.23	0.0145	5	0.6111	0.0335	0.3345	0						
06460	129	130	1		480	13.1	33.9	140	0	0	18.2	237.3	0.6377	1	0	0	17.24	62.8	1.02	0	0	11.6	1.254	0.0468	57.1	109	0.116	104.5	0.0123	0	0.6596	0.0235	0.3177	3.41						
06461	130	131	1		790	14.4	22	66.4	0	0	27.5	226.1	0.9247	1	0	0	27.59	50.6	0.628	0	0	8.9	1.09	0.0385	50.9	122	0.0647	40.19	0	0	0.5932	0.0136	0.2965	3.46						
06462	131	132	1		670	13.7	21.9	26.2	0	0	19.1	247.1	0.7028	0	0	0	0	52.3	0	0	6.22	11.6	1.236	0.0458	54.5	108	0.0884	56.28	0.0053	0	0.7228	0.0142	0.2817	1.46						
06463	132	133	1		560	14.9	11.3	18.9	0	0	17	239.1	0.6332	0	0	0	0	76.1	0	0	0	14.7	1.416	0.0446	52.3	142	0.1374	305	0.0144	13	0.7394	0.0352	0.3345	0						
06464	133	134	1		530	13.2	196	291	0	0	19.3	295.2	0.6531	1	0	0	0	71.4	1.98	0	0	10.1	1.411	0.0422	52	121	0.083	55.85	0	0	0.6623	0.0165	0.2632	0						
06465	134	135	1		340	25.1	46.5	426	0	0	17.2	175.5	0.5549	0	0	0	9.14	49	2.69	0	33.5	10.5	0.9714	0.0505	51.6	119	0.0868	127	0.0078	0	0.7882	0.019	0.2769	0						
06466	135	136	1		160	15.7	15.5	18.3	0	0	18.3	242.2	0.6464	0	0	0	0	66	0	0	3.35	10.8	1.503	0.0466	52.7	117	0.0991	77.68	0.007	0	0.6586	0.0249	0.2888	0						
06467	136	137	1		300	10.8	12.8	21.9	0	0	24.8	278.7	0.79	0	0	0	0	46.8	0	0	0	9.68	1.783	0.0408	50.5	82.7	0.151	47.72	0	0	0.8691	0.0161	0.2206	0						
06468	137	138	1		700	13.5	33.9	80.9	0	0	28.3	333.8	0.8552	0	0	0	0	63.1	0.602	0	0	12.4	2.095	0.048	57.1	108	0.2124	42.49	0	4	1.293	0.0133	0.255	0						
06469	138	139	1		320	18.7	14	29.1	0	0	28.4	340.5	0.8971	0	0	0	0	63.4	0	0	0	14.7	2.115	0.0474	60.4	92.2	0.2554	64.83	0.0051	0	1.387	0.0143	0.2582	0						
06470	139	140	1		200	15.8	15.5	66.7	0	0	26.9	317.7	0.853	0	0	0	0	67.6	0.537	0	1.43	12.8	2.055	0.0501	57.4	94.3	0.2421	89.54	0.0093	0	1.379	0.0178	0.2886	0						
06471	140	141	1		380	14.9	16.6	72.7	0	0	27.8	245.5	0.9078	0	0	0	10.34	76.3	0.654	0	9.57	12	1.369	0.0526	52	139	0.1191	39.06	0.0134	12	0.8173	0.0333	0.3767	0						
06472	141	142	1		190	13.1	41.5	89.8	0.9	0	22.8	244.7	0.7701	0	0	0	0	72.7	0.765	0	2.39	10.8	1.415	0.0529	59.3	119	0.1079	43.81	0.0113	8	0.821	0.0262	0.3625	0						
06473	142	143	1		1300	11.1	10.8	97.9	0	0	18.1	238.7	0.6564	1	0	0	0	55.7	0.631	0	0	11.2	1.335	0.0518	59.6	132	0.0904	48.86	0.0062	17	0.6755	0.0254	0.33	0						
06474	143	144	1		480	17.2	26.9	52.6	0	0	25.2	225.4	0.9941	0	0	0	36.6	64.8	0	0	17.2	9.68	1.208	0.0511	53.4	98.8	0.0776	27.79	0.0076	18	0.6177	0.0286	0.3419	0						
06475	144	145	1		650	8.85	14.9	53	0	0	28.5	271.4	1.026	0	0	0	27.5	68.9	0	0	1.43	12	1.174	0.0538	53.8	116	0.1159	27.89	0.0136	11	0.7126	0.0355	0.3797	0						
06476	145	146	1		440	12.1	12.3	29.4	0	0	24.8	270.2	0.9197	0	5	0	6.905	93.5	0	0	0	15.5	1.379	0.0562	57.4	114	0.1627	57.61	0.0312	13	0.7756	0.0432	0.4331	0						
06477	146	147	1		280	11.8	11.8	27.8	0	0	26.4	254.1	0.9256	0	0	0	0	94.1	0	0	0	14.7	1.198	0.0516	52.3	107	0.1534	52.8	0.0289	11	0.7456	0.0415	0.38	0						
06478	147	148	1		450	15.4	13.9	36.6	0	0	29.4	255.9	1.054	0	14	0	18.3	101	0	0	0	16.3	1.295	0.054	53.4	102	0.1574	45.8	0.0355	21	0.8437	0.0427	0.4055	0						
06479	148	149	1		190	15.6	14	95.8	0	0	29	308.9	1.011	0	5	0	15.7	132	0.566	0	0	17.8	1.721	0.0679	58.5	91	0.1826	43.82	0.0404	19	0.8805	0.0446	0.4503	0						
06480	149	150	1		190	15	14.6	41.8	0	0	25.2	281.5	0.9799	0	0	0	6.89	151	0	0	0	22.5	1.393	0.0769	59.3	124	0.2512	135.7	0.0658	15	1.116	0.0475	0.5444	0						
06481	150	151	1		80	26.3	14.3	30.6	0	0	34.1	328.6	1.349	0	0	0	37.95	136	0	0	0	22.8	2.081	0.0958	63.7	84.8	0.2281	20.19	0.0485	24	1.006	0.0463	0.5914	0						
06482	151	152	1		320	17.6	10.5	42	0	0	23.9	271.7	0.8805	0	0	0	2.6	59.5	0	0	0	13.9	1.321	0.0538	43.2	121	0.1989	39.1	0.0105	21	0.6915	0.0235	0.4606	0						
06483	152	153	1		210	3.37	8.59	18.9	0	0	17.8	162.5	0.6509	0	0	0	20.9	23.4	0	0	0	6.58	0.5446	0.0085	32.2	137	0.2471	196.6	0.0082	16	0.5715	0.0206	0.3778	0						
06484	153	154	1		230	3.73	10.7	53.1	0	0	22.1	171.8	0.6739	0	0	0	0	22.1	0	0	0	7.36	0.5341	0.0064	28.9	131	0.1981	122	0.0058	19	0.428	0.0145	0.2884	0						
06485	154	155	1		590	5.12	12.2	12.5	0	0	12.4	126.8	0.4447	0	0	0	20.69	17.5	0	0	0	5.03	0.342	0.0057	24.2	161	0.1287	358.9	0	9	0.3986	0.0177	0.2737	0						
06486	155	156	1		550	4.6	6.47	13.3	0	0	12.3	172.5	0.4297	0	0	0	9.16	21.9	0	0	0	5.81	0.4923	0.0073	32.2	155	0.1932	435.4	0	15	0.3809	0.0146	0.279	0						
06487	156	157	1		230	7.03	8.46	29.3	0	0	14	188.3	0.4919	1	0	0	10.33	38.1	0	0	0	11.2	0.639	0.0173	43.9	152	0.2353	429.7	0.0152	11	0.5484	0.0251	0.3554	0						
06488	157	158	1		860	7.75	8.08	111	0	0	18.1	284.7	0.6045	0	0	0	13.79	35.2	0.634	0	0	9.68	0.8136	0.0181	39.5	144	0.2986	243.1	0.0071	13	0.4734	0.0206	0.3176	0						
06489	158	159	1		450	8.05	5.71	24.9	0	1.85	20.4	243.3	0.6388	0	0	0	0	31.8	0	0	0	10.8	0.7862	0.0167	41	173	0.2379	229.8	0.0097	12	0.49	0.0224	0.337	0						
06490	159	160	1		510	12.8	10.2	61	0	0	27.9	289.2	1.079	0	0	0	6.891	58.3	0	0	0	19	1.241	0.0659	60.7	129	0.3029	43.72	0.0351	22	0.9434	0.0368	0.5612	0						
06491	160	161	1		650	14.7	15.2	132	0	0	25.1	269.8	1.018	0	0	0	37.91	80.3	0.999	0	0	16.2	1.393	0.0706	64.6	77.2	0.1675	36.54	0.025	4	0.8104	0.0357	0.4557	0						
06492	161	162	1		370	5.56	9.82	25.7	0	0	14	218.7	0.5834	0	0	0	6.891	79.4	0	0	0	13.6	1.072	0.0506	62.2	125	0.1353	581.1	0.0234	16	0.6875	0.0441	0.3872	4.33						
06493	162	163	1		270	7.17	12.5	29.4	0	0	18	232.7	0.7381	0	0	0	17	90.7	0	0	0	14.7	1.3	0.0588	72.4	112	0.1494	152.3	0.0294	16	0.8469	0.0456	0.4475	0						
06494	163	164	1		260	7.68	13.8	100	0	0	14.2	180.1	0.5625	1	0	0	17.24	55.2	0.661	0	0	8.9	0.9099	0.0463	62.9	142	0.1198	197.5	0.0132	9	0.7325	0.0282	0.3284	0						
06495	164	165	1		570	5.85	9.52	13.4	0	0	19.2	168.9	0.7448	0	0	0	13.79	63.1	0	0	0	10.1	0.9742	0.043	54.5	127	0.0898	64.68	0.011	8	0.5832	0.0347	0.3365	0						
06496	165	166	1		540	9.88	9.52	53.1	0	0	19.5	234.1	0.7136	0	0	0	0	71.4	0	0	0	14.3	1.093	0.0559	58.9	95.9	0.148	112.9	0.0239	17	0.6235	0.0399	0.3954	0						
06497	166	167	1		270	7.75	11.5	188	0	0	16.2	243.3	0.6133	0	0	0	0	73.2	0.765	0	1.43	12.4	1.329	0.0598	65.5	87.7	0.132	165.1	0.0149	8	0.6748	0.0364	0.3638	0						
06498	167	168	1		160	13.2	14.1	243	0	0	21.2	238.7	0.8131	0	0	0	0	71.4	1.23	0	8.61	10.8	1.219	0.0571	57.1	86.4	0.0994	51.51	0.0108	15	0.713	0.0301	0.3801	0						
06499	168	169	1		400	8.56	9.94	33.5	0	0	15.3	195.5	0.5681	1	0	0	6.53	68.5	0	0	0	12	1.006	0.043	55.6	97.1	0.0945	120.4	0.0099	11	0.5554	0.0391	0.3362	0						
06500	169	170	1		230	8.41	7.74	15	0	0	13.6	201.9	0.5471	0	0	0	0	56.3	0	0	0	11.6	0.9981	0.0417	48.3	52.7	0.1063	76.81	0.0169	0	0.5195	0.0283	0.2819	0						
06501	170	171	1		520	9	12.6	93.1	0	0	18.9	270.3	0.7767	1	0	0	0	86.9	0	0	0	11.6	1.458	0.0599	61.5	85.2	0.1277	52.32	0.0158	64.7	0.6617	0.0391	0.3965	0						

Appendix 5.2.7 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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
06502	171	172	1		280	7.39	11.8	424	0	0	22.2	253.1	0.8627	0	0	0	17	81.2	1.74	0	0	13.2	1.391	0.0648	64.8	76.1	0.1539	67.21	0.0238	62.7	0.7	0.0392	0.4318	0							
06503	172	173	1		200	16	10.5	245	0	0	14.7	228.9	0.5725	0	0	0	1.29	84.1	0.898	0	0	13.2	1.235	0.0484	57.1	69.6	0.1146	338.3	0.0202	54.2	0.6035	0.0381	0.3392	0							
06504	173	174	1		160	13.8	22.6	902	0	0	19.4	235.9	0.759	0	0	0	6.53	80.7	3.22	0	12	9.68	1.309	0.0543	57.8	84.4	0.1079	62.73	0.0153	62.4	0.6289	0.0373	0.3728	0							
06505	174	175	1		630	18.2	12.8	58.2	0	0	13.4	221.2	0.5306	1	0	0	0	61.8	0	0	0	8.13	1.075	0.0364	50.1	106	0.0719	174.4	0.0086	60.6	0.5279	0.0279	0.3242	0							
06506	175	176	1		180	5.64	11.9	29.5	0	1.22	11.2	45.35	0.4229	0	0	0	0	12.6	0	2.06	2.87	4.64	0.1687	0.0126	22.7	145	0.0319	310.9	0	56.1	0.2767	0.0131	0.1999	0							
06507	176	177	1		290	11.7	17.1	447	0	0	12.6	90.93	0.471	0	0	0	3.438	13.2	2.13	0	17.7	1.55	0.2235	0.0119	15.4	189	0.0468	134.3	0	53	0.1921	0.015	0.1476	0							
06508	177	178	1		280	10.8	7.02	39.1	0	1.7	12.1	135.2	0.3933	0	0	0	3.431	23.6	0	0	0	6.97	0.4985	0.0101	41.4	105	0.1834	204.6	0.0063	59.5	0.4717	0.0228	0.3233	0							
06509	178	179	1		300	10.3	218	222	4.4	0	14.6	163.3	0.5546	0	0	0	10.34	25.1	1.43	0	20.1	3.87	0.5383	0.008	30.4	126	0.1496	278	0	0	0.5075	0.0129	0.3333	0							
06510	179	180	1		310	5.57	7.4	37	0	0	10.4	68.88	0.3574	0	0	0	6.879	12	0	0	0	4.26	0.1751	0.0088	14.6	185	0.0366	271.5	0	59.4	0.2681	0.0149	0.1885	0							
06511	180	181	1		480	9.88	12.5	107	0	0	18.9	200.1	0.7656	0	0	0	0	57.5	0.553	0	0	13.2	0.9862	0.0545	48.3	94.2	0.1407	97.05	0.0176	0	0.7492	0.0329	0.4014	0							
06512	181	182	1		390	5.2	11.5	140	0	0	16.3	167.2	0.5698	0	0	0	13.79	24.4	0.686	0	0	8.52	0.5216	0.0203	34.8	125	0.1866	294.6	0.0054	0	0.4796	0.0159	0.3181	0							
06513	182	183	1		630	9.08	8.55	95.9	0	0	11.2	167.5	0.4176	1	0	0	3.431	20.4	0.66	0	0	6.19	0.518	0.0072	26.4	93.1	0.2366	197.2	0.0059	0	0.5392	0.0123	0.3624	1.66							
06514	183	184	1		280	3.95	7.24	35.6	0	0	14.2	118.7	0.4828	0	0	0	0	17.9	0	0	0	7.36	0.3817	0.0112	30	101	0.1755	272.9	0.0064	0	0.4635	0.0161	0.3159	0							
06515	184	185	1		200	5.56	16.5	24.2	0	0	11.6	288.2	0.4477	0	0	0	0	29.2	0	0	0	9.68	0.9913	0.006	35.1	105	0.3881	202.7	0	0	0.4714	0.0098	0.3124	0							
06516	185	186	1		460	5.12	7.95	90.2	0	0	11.2	162.2	0.3785	0	0	0	9.14	15.7	0	0	0	8.13	0.5153	0.0058	29.6	126	0.2164	162.7	0	0	0.3511	0.009	0.2392	0							
06517	186	187	1		350	3.81	23.7	65.9	0	0	12.3	268.4	0.4323	1	0	0	11.8	23.4	0.527	0	0	4.64	0.2881	0	25.3	108	0.1232	117.1	0	0	0.3906	0.0092	0.2522	0							
06518	187	188	1		240	6.22	8.04	23.5	0	0	15.9	203.6	0.5849	0	0	0	31.05	14.8	0	0	0	6.58	0.5947	0.008	30.4	126	0.2379	186.4	0	0	0.4562	0.0104	0.2876	0							
06519	188	189	1		290	4.76	10.1	76.9	0	0	9.58	143.3	0.3423	0	0	0	0	14.9	0	0	0	5.42	0.4551	0.0078	27.8	119	0.2141	124.5	0	0	0.4508	0.0155	0.3019	0							
06520	189	190	1		360	8.49	12.8	187	0	0	9.53	154.2	0.3314	0	0	0	0	15	0.738	0	3.35	8.13	0.4883	0.0101	32.9	123	0.2298	166.3	0.0066	0	0.4902	0.0215	0.3077	0							
06521	190	191	1		90	4.02	9.01	57.5	0	1.22	15	367.2	0.5858	0	0	0	0	32.4	0	0	2.39	7.35	1.107	0.0085	38.1	107	0.4261	210.1	0	0	0.5273	0.0157	0.3608	0							
06522	191	192	1		180	4.39	7.78	93.7	0	0	14.5	232.5	0.5422	0	0	0	10.34	17.2	0	0	0	5.03	0.6056	0.0069	33.3	105	0.2636	198.7	0.0066	0	0.4985	0.0181	0.311	0							
06523	192	193	1		160	3	7.15	27.8	0	3.8	10.7	227.1	0.4134	0	0	0	0	19.7	0	0	0	8.13	0.641	0.0073	39.9	94.7	0.3065	82.2	0.0104	0	0.5444	0.0192	0.3465	0							
06524	193	194	1		200	4.32	18.2	216	0	1.36	9.36	141.9	0.3471	1	0	0	18.3	16.5	1.27	0	0	3.87	0.3636	0.0065	27.1	112	0.1422	255.9	0	0	0.4021	0.0094	0.2849	0							
06525	194	195	1		230	4.03	6.56	32.8	0	0	8.51	105.1	0.3168	0	0	0	0	13.9	0	0	0	4.64	0.3022	0.005	24.5	128	0.1439	171.6	0	0	0.3497	0.0089	0.2666	0							
06526	195	196	1		420	6.73	48.5	174	0	0	12.2	140.8	0.4072	0	0	0	10.34	12.6	1.07	0	0	5.42	0.4145	0.006	26	98	0.2158	131.3	0	0	0.456	0.0097	0.2857	1.73							
06527	196	197	1		170	2.63	10.2	25.9	0	1.32	16.8	148.5	0.6595	0	0	0	9.64	0	0	1.43	9.29	0.3174	0.0168	31.5	88.1	0.3852	126.7	0.0216	0	0.6052	0.0199	0.4057	0							
06528	197	198	1		180	4.24	9.65	28.8	0	0	19.1	215.9	0.7403	0	0	0	13.79	20.1	0	0	0	8.13	0.5176	0.0083	32.9	108	0.4336	205.9	0.0162	0	0.7011	0.017	0.4813	0							
06529	198	199	1		260	3.88	8.25	32	0	2.73	19.2	107.1	0.7425	0	0	0	0	7.96	0	0	0	16.6	0.1533	0.0098	28.5	137	0.6283	80.38	0.0577	0	1.265	0.0226	0.8874	0							
06530	199	200	1		230	5.05	14.9	45.2	0	1.22	21.1	226.1	0.8308	0	0	0	0	18.6	0	0	5.74	8.13	0.5703	0.0083	27.1	67.9	0.3534	114.9	0.0193	0	0.5562	0.0125	0.3775	0							
06531	200	201	1		220	4.9	6.13	200	0	0	14.2	260.1	0.5283	0	0	0	7.83	14.5	0.8	0	0	7.74	0.8821	0.0061	34.8	102	0.4572	103	0.0099	0	0.5277	0.0146	0.3354	0							
06532	201	202	1		250	4.54	25.7	10.7	0	0	6.32	93.73	0.259	1	0	0	3.438	13.2	0	0	0	4.26	0.3101	0.005	25.6	105	0.1289	270.1	0	0	0.3002	0.0099	0.1806	0							
06533	202	203	1		340	5.56	64.9	118	0	0	15.3	140.9	0.4521	0	0	0	13.79	19.9	0.986	0	0	3.87	0.4819	0.0054	27.8	112	0.2079	266.2	0	0	0.3354	0.0085	0.2297	0							
06534	203	204	1		300	4.03	40.9	39.4	0	0	11.4	138.8	0.377	1	0	0	0	14.2	0	0	0	6.97	0.3493	0.0063	28.9	116	0.1591	290	0	0	0.4584	0.0092	0.2295	0							
06535	204	205	1		230	4.39	34.2	118	0	0	9.3	191.7	0.3682	0	0	0	0	16.1	0.856	0	0	5.42	0.5343	0	25.6	140	0.22	177	0	0	0.3519	0.0092	0.2292	0							
06536	205	206	1		150	4.54	6.52	17.4	0	2.53	11.3	235.2	0.4412	0	0	0	2.6	16.8	0	0	0	8.13	0.6846	0.0083	46.1	149	0.295	150.6	0.0052	19	0.5036	0.0157	0.2684	0							
06537	206	207	1		110	8.34	11.8	59.7	0	4.87	17.7	173.4	0.6332	0	0	0	27.59	18.2	0	0	0	9.68	0.4795	0.0116	42.8	138	0.3838	149.9	0.019	10	0.8476	0.018	0.4903	0							
06538	207	208	1		340	3.58	59.1	85.4	0	2.73	24	386.9	0.8928	0	0	0	31.05	22.6	0.595	0	0	9.29	0.4699	0.0059	35.5	88.9	0.4229	168.2	0.0169	16	0.6709	0.0151	0.3977	0							
06539	208	209	1		700	8.78	463	913	4.4	0	19.2	257	0.5971	0	0	0	20.69	46.1	6.27	0	0	6.19	0.4654	0.0354	36.2	72.5	0.1715	68.54	0	20	0.4781	0.0139	0.3314	0							
06540	209	210	1		460	5.63	58.2	112	0	0	14.5	288.6	0.5438	0	0	0	0	31.4	0.875	0	0	7.74	0.6008	0.0094	33.7	88.9	0.289	264.4	0	15	0.5872	0.0133	0.3798	0							
06541	210	211	1		330	2.93	24.6	65.2	0	0	25.3	209.6	0.8783	0	0	0	10.34	17.4	0	0	0	6.19	0.2744	0.0126	30.4	107	0.3177	137.8	0.0122	17	0.6733	0.015	0.4069	0							
06542	211	212	1		250	6.95	43.6	286	0.7	4.97	19.3	223.7	0.731	0	0	0	31.05	21.6	1.92	0	0	5.42	0.4224	0.0124	31.8	72.1	0.4891	236.8	0.0135	25	0.5118	0.0149	0.357	0							
06543	212	213	1		170	4.61	9.18	222	0	2.29	12.4	165.7	0.4897	0	0	0	0	21.2	1.33	0	0	5.42	0.3886	0.0085	30	84.4	0.2307	190.1	0.0055	23	0.5257	0.016	0.3462	0							
06544	213	214	1		300	5.78	61.2	139	0	0	13.2	350.8	0.5176	0	0	0	0	30.1	1.06	0	0	3.09	0.9429	0.0052	31.8	77.4	0.3742	311.5	0	22	0.259	0.0125	0.1956	0							
06545	214	215	1		310	4.02	235	513	0	0	9.69	320.1	0.3858	0	0	0	0	31	3.22	0	0	3.09	0.5648	0.0053	26	67.5	0.2432	757.2	0	22	0.2699	0.0116	0.1795	0							
06546	215	216	1		340	10.4	96.9	256	0	0	11.7	420.3	0.4173	0	0	0	0	26.6	1.54	0	0	4.64	0.7632	0.0065	30.4	75	0.285	445.5	0	18	0.2532	0.0125	0.1728	0							
06547	216	217	1		90	5.85	52.3	192	0	2.73	11.8	306.6	0.4295	1	0	0	0	17.8	1.01	0	0	5.03	0.5332	0.0113	37.3	77	0.2359	152.9	0	20	0.5671	0.0146	0.2877	0							
06548	217	218	1		340	8.2	105	213	0	0	16.9	371.8	0.6027	0	0	0	6.879	22.3	1.34	0	0	6.19	0.5943	0.0117	30.8	90.7	0.2323	138	0	24	0.3512	0.0143	0.2415	0							
06549	218	219	1		330	47	9050	12400	9.5	0	39.7	249.2	1.675	29	0	0	0	25.2	85.1	6.31	9.09	3.87	0.3264	0	16.5	109	0.2152	13.26	0	19	0.2562	0.0117	0.1825	0							
06550	219	220	1		380	7.32	360	696	1.3	0	15.3	348.3	0.6017	0	0	0	0	30.4	4.17	0	2.39	5.42	0.6242	0.0094	32.2	112	0.2634	207	0	21	0.4504	0.0147	0.2999	0							
06551	220	221	1		230	4.1	17.5	59.7	0	1.56	11.8	227.9	0.4381	0	0	0	0	13.2	0	0	0	5.03	0.579	0.011	39.2	102	0.2626	67.58	0.0071	17	0.5892	0.0179	0.3219	0							
06552	221	222	1		140	4.32	44.3	80.1	0	1.46	11.9	324.4	0.472	0	0	0	3.439	27.9	0	0	0	7.74	0.9856	0.0085	37.3	125	0.4034	148.8	0.0054	22	0.5285	0.0169	0.3321	0							
06553	222	223	1		430	7.39	19.9	43.8	0	0	11.4	168.5	0.4136	0	0	0	0	17.6	0	0	0	5.03	0.3946	0.0086	39.5	88.9	0.2449	160.1	0.0066	29	0.5145	0.0194	0.3031	0							
06554	223	224	1		490	6.66	11.8	27.3	0	3.02	17	141.5	0.6905	0	0	0	24.14	7.96	0	0	0	12	0.2916	0.0055	36.6	157	0.5355	63.53	0.0428	30	0.9102	0.028	0.6266	0							
06555	224	225	1		940	4.02	5.2	119	0	0	17.3	188.5	0.6343	0	0	0	20.69	4.44	0.599	0	0	10.1	0.1253	0	21.2	74.1	0.5476	73.6	0.0309	37	0.64	0.0204	0.4718	0							
06556	225	226	1		200	5.85	10.3	81.2	0	0	20.4	180.8	0.7922	0	0	0	13.79	10.1	0	0	0	6.97	0.2241	0	13.9	78.2	0.6706	58.43	0.0397	30	0.7847	0.0185	0.6043	0							

Appendix 5.2.7 - 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
SX05007	240.2	90	-50	524780.3	5495060.7	1931	COMPLETE	6/3/2005	D. L. Pighin

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
06557	226	227	1		620	21.6	6.77	50.6	0	0	26.7	202.5	0.919	0	0	0	3.44	8.27	0	0	0	10.1	0.2599	0.0053	27.1	106	0.4574	81.42	0.0238	34	0.7573	0.0201	0.504	0						
06558	227	228	1		1120	9.44	6.81	39.2	0	0	26.5	143.6	0.9114	1	0	0	0	9.18	0	0	0	8.52	0.2842	0.0104	23.4	122	0.1867	153	0.0072	21	0.5733	0.0179	0.3336	0						
06559	228	229	1		150	4.9	8.25	463	0	0	19.4	184	0.7145	0	0	0	3.433	11.9	2.62	0	0	8.13	0.3756	0.011	28.5	79.9	0.3209	103.8	0.0077	16	0.4797	0.0179	0.2963	0						
06560	229	230	1		140	5.64	6.01	39.2	0	2	13.4	202.4	0.4953	0	0	0	3.428	11.4	0	0	0	8.13	0.5548	0.0088	32.6	68.4	0.3203	76.74	0.0088	21	0.443	0.0163	0.2557	0						
06561	230	231	1		140	8.5	5.37	48	0	0	12.9	193.6	0.4493	0	0	0	10.33	12.2	0	0	0	5.81	0.5299	0.0076	33.7	110	0.3115	94.77	0.007	18	0.5076	0.0221	0.3308	0						
06562	231	232	1		170	8.56	15.2	43	0	0	12.3	197.3	0.4786	0	0	0	6.89	23.8	0	0	6.22	8.9	0.6695	0.0106	39.9	102	0.3582	104.2	0.0074	23	0.4787	0.0209	0.3163	0						
06563	232	233	1		230	4.46	6.6	29.4	0	2.44	15.8	201.8	0.6431	0	0	0	0	12.2	0	0	0	8.52	0.5727	0.0089	39.5	102	0.3677	99.44	0.0182	28	0.7712	0.0221	0.4726	0						
06564	233	234	1		180	6.29	7.11	21.6	0	2.48	13.9	258.4	0.5516	1	0	0	6.53	16.3	0	0	0	11.2	0.7684	0.01	39.5	77.8	0.5274	96.23	0.0308	24	0.8471	0.0187	0.5409	0						
06565	234	235	1		140	6.15	7.15	18.7	0	1.46	11.7	211.7	0.4709	0	0	0	10.34	13.2	0	0	0	7.35	0.7841	0.0088	40.6	87.3	0.3625	84.62	0.0143	23	0.5448	0.0174	0.3269	0						
06566	235	236	1		790	16.5	5.71	87	0	0	18.3	196	0.6486	0	0	0	20.69	16.2	0.634	0	0	7.36	0.6375	0.0093	31.1	104	0.3296	110.8	0.0051	24	0.4976	0.0178	0.3001	0						
06567	236	237	1		590	4.83	3.89	33.6	0	0	12.8	148	0.4395	0	0	0	0	12	0	0	0	5.81	0.4567	0.0062	29.3	107	0.2541	137.2	0	21	0.3251	0.0165	0.2079	0						
06568	237	238	1		310	4.54	3.64	59.2	0	0	11.3	162.9	0.395	0	0	0	0	14.2	0	0	0	5.42	0.4956	0.0055	28.9	99.6	0.2795	67.82	0	20	0.3513	0.0142	0.233	0						
06569	238	239	1		120	6.8	4.19	20.7	0	0	17.9	221.8	0.6662	0	0	0	0	16.3	0	0	0	4.64	0.6523	0.0084	20.5	30	0.3756	81.38	0	20	0.141	0.0114	0.1048	0						
06570	239	240	1		90	6.59	11.5	24.6	0	0	14.3	197.5	0.5773	0	0	0	0	18.1	0	0	0	3.48	0.516	0.0061	22.7	89	0.2294	118.3	0	14	0.3342	0.013	0.2375	0						

Appendix 5.2.7 - 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
SX05008	215.85	90	-45	524654.3	5494235.1	1773	COMPLETE	6/14/2005	D. L. Pighin

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
06571	31.7	32.2	0.5		290	14.9	44.7	460	0	2.39	47.9	2450	2.327	0	0	0	0	54	2.78	0	2.39	22.8	5.35	0.0312	51.6	69.6	0.7656	24.05	0.0799	8	1.112	0.0144	0.375	110						
06572	33.2	34	0.8		20	145	16.1	131	0	0	88.7	4636	4.922	0	0	0	10.34	14.6	1.27	3.7	5.74	60.4	6.163	0.0305	55.6	97.5	0.5847	8.434	0.0826	0	2.263	0.0115	0.1936	253						
06573	36.3	37.8	1.5		20	357	21.5	292	0	12.6	186	1051	11.5	0	0	0	13.79	3.29	3.73	11.6	81.3	33.3	1.398	0.0206	35.1	49	2.287	4.503	0.0431	16	2.043	0.0158	1.113	23.6						
06574	44.2	44.5	0.3		10	22.1	14.9	2490	0	0	78.8	2447	4.168	0	0	0	3.439	17.4	11.3	2.91	8.13	38.3	5.485	0.0402	56.3	90.6	1.264	14.98	0.0975	19	1.885	0.0146	0.5944	17.1						
06575	44.5	45.1	0.6		40	69.7	19.2	942	0	0	86.3	1203	4.528	0	0	0	0	15.6	4.44	3.34	22.5	22.1	3.093	0.0299	41.7	64.2	1.88	22.38	0.043	0	1.525	0.0219	1.157	261						
06576	45.1	45.7	0.6		10	26.5	11.9	1180	0	5.5	84.9	1400	4.549	0	0	0	6.89	20.1	5.87	3.52	2.87	21.3	3.193	0.0249	42.1	55.6	1.49	15.3	0.0161	0	1.23	0.0205	0.974	268						
06577	45.7	47	1.3		10	6.15	12.3	96.4	0	3.07	86.6	730.2	4.674	0	0	0	13.79	17.9	1	3.52	3.83	19	1.8	0.023	32.2	48.2	1.649	11.28	0.0204	0	1.115	0.0198	0.8938	273						
06578	47	48	1		10	0	11.2	40.6	0	0	130	276.6	7.499	0	0	0	0	6.51	1.52	8.31	3.35	8.52	0.7909	0.0188	20.5	35	0.6374	5.592	0.0113	8	0.4833	0.0136	0.4078	40.5						
06579	48	49	1		70	0	14.7	1550	0	7.4	129	340.8	7.353	0	0	0	0	16.5	10.1	8.56	17.7	11.6	0.7718	0.0302	20.8	51.8	0.7228	2.35	0.0155	20	0.7524	0.017	0.6139	0						
06580	58.3	59.6	1.3		140	0	16.9	7.9	0.5	8.18	231	35.13	20.15	0	0	0	0	0	3.86	16.6	26.8	2.32	0.1089	0	12.4	85.7	0.0441	0	0	74.4	0.1257	0.0102	0.0657	0						
06581	148.9	149.9	1		10.9	0	17.3	21.6	0	16.3	232	120	17.08	0	0	0	0	0	3.21	14.3	23.4	12	0.3981	0.0163	16.1	62.1	0.4149	0	0.0066	0	0.4727	0.0141	0.3984	119						

Appendix 5.2.7 - 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
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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
06582	24	25	1		400	38.6	4.99	52.2	0	0	34.4	358.8	1.404	0	0	0	3.438	25.6	0	0	0	17.4	1.238	0.0219	31.1	100	0.3795	28.1	0.0837	61	0.8505	0.0271	0.3384	15.8						
06583	25	26	1		230	47.9	5.5	26.1	0	0	34.8	550.8	1.399	0	3	0	0	41.9	0	1.27	0	17.8	2.546	0.0238	43.9	59.3	0.3611	12.01	0.0771	24	0.8927	0.027	0.1899	1.46						
06584	26	27	1		140	51.5	9.39	45.3	0	3.99	43.7	549.7	1.698	0	0	0	0	42.9	0	2.67	0	24.4	1.574	0.0266	37.3	138	0.5439	57.63	0.1202	17	1.272	0.0393	0.525	6.16						
06585	27	28	1		200	67.4	9.1	59.7	0	1.75	61.8	476	2.247	0	7	0	3.439	29.2	0.514	2.55	0	23.2	1.009	0.0239	30.7	91.8	0.7067	28.14	0.1093	13	1.263	0.0289	0.6482	1.63						
06586	28	29	1		170	71.6	9.6	73.6	0	6.96	77.9	564.8	2.91	0	0	0	10.34	36.2	0.68	1.94	0	24.8	1.664	0.0237	41	92.6	0.6719	27.09	0.1013	8	1.166	0.0362	0.5157	46.5						
06587	29	30	1		80	18	8.25	99.4	0	4.14	34.9	605.8	1.411	0	0	0	0	19.3	0.553	0	0	31.4	0.6689	0.0283	27.4	85.6	0.7984	84.41	0.1298	11	1.383	0.0257	0.8751	16.6						
06588	30	31	1		110	38.8	11.2	86.1	0	10.6	61.6	636.8	2.502	0	5	0	0	15.5	0.501	2	0	80.2	0.6697	0.0394	19.8	61.3	1.465	62.34	0.2178	13	1.935	0.0335	1.185	0						
06589	31	32	1		70	58.1	14.2	110	0	20.9	85.6	914.4	3.674	0	9	0	0	15.8	0.771	4.49	0	144	1.398	0.0741	28.5	59.7	1.615	23.23	0.3055	19	2.325	0.0913	0.951	0						
06590	32	33	1		80	20.3	10.6	69.4	0	9.3	53.5	504.8	1.951	0	0	0	10.34	19.9	0	2.37	0	47.2	0.68	0.0263	26.3	89.3	1.51	88.98	0.1627	16	1.83	0.0364	1.094	0						
06591	33	34	1		640	8.05	11.2	60.4	0	5.75	36.8	381.9	1.543	0	0	0	0	11.1	0	2.55	0	28.7	0.3708	0.0222	22	86.4	1.335	101.3	0.1347	23	1.729	0.0289	1.277	0						
06592	34	35	1		100	6.51	8.89	39.1	0	0	27.1	216.9	1.159	0	3	0	20.69	7.35	0	1.09	0	27.1	0.2821	0.0117	19.8	95.1	0.6495	114.8	0.0696	24	1.153	0.0326	0.892	0						
06593	35	36	1		280	12.1	11.1	37.2	0	6.57	23.4	228.5	1.025	0	0	0	0	9.49	0	0	0	22.5	0.5699	0.0159	24.9	86	0.548	160.1	0.0588	21	1.028	0.0314	0.7753	0						
06594	36	37	1		400	7.17	8.29	51.3	0	3.65	25	275.2	1.052	0	0	0	13.79	9.64	0	0	0	22.8	0.9226	0.018	27.1	86.8	0.5699	145	0.043	19	1.158	0.0231	0.7498	0						
06595	37	38	1		310	10.1	13.2	49.3	0	1.07	43.1	541.3	2	0	0	0	0	23.7	0	0	0	30.2	1.83	0.0214	41	114	1.225	49.29	0.0882	17	1.696	0.0256	1.127	0						
06596	38	39	1		880	23.6	12	98.9	0	13.3	57.5	641.6	2.403	0	0	0	10.34	14.6	0.664	1.09	0	65.8	1.193	0.0471	31.8	59.7	1.367	61.15	0.1985	16	1.885	0.0197	0.8843	0						
06597	39	40	1		280	18.1	10	73.1	0	4.53	48.2	761.6	2.018	0	0	0	13.79	17.1	0	2	0	46.9	2.218	0.0338	36.6	84	1.329	58.11	0.1385	19	1.628	0.0216	0.9368	0						
06598	40	41	1		210	5.63	6.18	43.5	0	4.24	24.5	397.4	1.015	0	0	0	3.439	17.2	0	0	0	14.7	1.341	0.0185	32.2	65	0.5863	115.7	0.0216	17	0.6906	0.0225	0.4783	0						
06599	41	42	1		190	9.73	9.05	36.2	0	0	24.9	249.6	1.026	0	0	0	0	12.7	0	0	0	13.6	0.6468	0.0133	24.1	53.5	0.4773	125	0.0336	16	0.6834	0.0219	0.5217	0						
06600	42	43	1		560	7.24	8.93	39.6	0	4.72	24.1	322.1	1.039	0	3	0	0	18.1	0	0	0	24.4	0.975	0.0169	31.5	79	0.7146	126.7	0.0637	15	1.214	0.0274	0.9086	0						
06601	43	44	1		390	5.49	13.7	37.1	0	5.26	26	383.7	1.153	0	0	0	27.59	20.9	0	1.34	0	26.3	1.225	0.0198	32.9	65	0.7776	86.9	0.0819	20	1.23	0.0221	0.8674	0						
06602	44	45	1		280	10.8	8.21	35.1	0	3.02	23.8	354.1	0.9653	0	0	0	0	14.5	0	0	0	22.5	0.95	0.0209	32.6	67.5	0.7653	63.73	0.1111	11	1.226	0.0203	0.7946	0						
06603	45	46	1		460	11.6	8.67	34	0	3.31	26.7	311.7	1.053	0	0	0	0	18	0	0	0	23.6	0.5986	0.0195	28.5	84.4	0.8065	60.08	0.1156	15	1.429	0.0238	0.8182	0						
06604	46	47	1		470	10	9.31	43.4	0	1.51	34	335.2	1.179	0	13	0	0	15.2	0	0	0	22.8	0.535	0.018	28.2	79.8	0.8741	57.16	0.1051	11	1.425	0.0229	0.9242	0						
06605	47	48	1		320	20.7	9.94	55.8	0	4.33	33.9	487.9	1.428	0	0	0	0	20	0	1.27	0	25.2	1.211	0.0211	34.4	86.8	1.209	54.2	0.1137	16	1.505	0.0276	0.8318	3.58						
06606	48	49	1		240	21.1	9.31	49	0	2.82	24.5	500.6	1.067	0	0	0	3.439	21.8	0	0	0	24	1.382	0.0223	37.3	76.1	1.115	42.26	0.1334	12	1.434	0.0288	0.7332	0						
06607	49	50	1		200	6.66	8.38	32.6	0	4.04	19.9	318	0.8317	1	9	0	5.22	16	0	0	0	22.1	0.9587	0.0191	29.6	85.6	0.6374	55.97	0.1007	9	1.163	0.0212	0.7384	4.5						
06608	50	51	1		320	9.73	10.7	44.6	0	4.77	22.7	403.3	0.9478	0	0	0	6.89	20.8	0	2	0	29	0.9817	0.0349	37	87.3	0.9894	77.61	0.1456	13	1.773	0.0201	0.9168	0						
06609	51	52	1		110	12.1	5.42	31.6	0	0	23.8	495.7	0.9601	1	0	0	0	22.3	0	0	0	13.2	1.776	0.019	37.3	74.1	0.7934	123	0.0393	12	0.8682	0.0165	0.4287	0						
06610	52	53	1		790	6.36	4.87	31.5	0	0	26.9	434.2	1.111	0	0	0	0	25.3	0	0	0	8.9	1.753	0.0232	30	35.4	0.6556	79.96	0	9	0.3814	0.014	0.2668	0						
06611	53	54	1		350	6.58	7.38	31	0	2.37	25.1	338.2	0.9865	0	0	0	0	32	0	0	0	12.8	1.489	0.0286	32.7	74.8	0.6048	34.47	0.0075	60.5	0.5948	0.0187	0.3965	0						
06612	54	55	1		470	22	6.59	32.4	0	1.69	48.7	519.8	1.562	0	0	0	0	71.1	0	0	0	14.4	2.75	0.0245	36	69.8	1.211	17.53	0.0062	72.4	0.552	0.0181	0.372	0						
06613	55	56	1		330	6.12	7.17	22.1	0	1.87	18.1	263.1	0.6122	0	0	0	17.24	21.8	0	0	0	10.7	0.7952	0.0193	28.7	84.4	0.3472	158.7	0.0067	64.2	0.6139	0.0191	0.378	0						
06614	56	57	1		450	7.91	6.47	22.9	0	3.88	19.1	303	0.6787	0	0	0	6.887	20.3	0	0	0	12.8	1.187	0.0205	35.7	95.5	0.4653	109	0.0084	63.1	0.7645	0.022	0.4868	0						
06615	57	58	1		310	12.3	8.37	34.5	0	2.47	35	621.5	1.406	0	0	0	0	30.2	0	0	0	14.1	2.371	0.0244	36.7	77.5	1.031	26.72	0.0067	61.2	0.771	0.0152	0.5335	0						
06616	58	59	1		380	9.24	7.71	36.4	0	0	32.4	611.7	1.293	0	0	0	0	24.9	0	0	0	17.1	1.883	0.0283	39.4	74	0.7618	27.47	0.0096	73.6	0.9343	0.0196	0.5949	0						
06617	59	60	1		110	12.9	8.7	48.5	0	1.32	31.9	738.9	1.256	1	0	0	0	23.9	0	1.4	0	22.5	2.67	0.0276	43.4	64.5	1.307	47.76	0.0629	63.6	1.473	0.0169	0.7453	0						
06618	60	61	1		170	27.1	11.4	60.7	0	3.24	35.9	653.7	1.41	0	0	0	31.04	36.1	0	1.17	0	34.9	2.231	0.0305	49.4	86.7	1.552	59.88	0.1705	90.4	2.503	0.0386	0.9895	0						
06619	61	62	1		110	23.4	12.7	59	0	6.98	33.5	569.7	1.239	0	0	0	20.69	37.5	0	1.46	0	30.6	1.625	0.033	46.7	92.1	1.356	46.65	0.193	70.1	2.455	0.034	0.8544	1.5						
06620	62	63	1		180	8.51	12	37.6	0	3.42	24.3	363.4	0.8675	1	0	0	10.34	25.6	0	0	0	28.2	1.096	0.0279	35	82.9	0.969	52.53	0.1789	64	1.958	0.0241	0.8839	13.5						
06621	63	64	1		370	8.91	9.94	66.5	0	4.7	24.4	535.2	0.9063	1	0	0	20.69	25.6	0.531	0	0	27.2	2.206	0.0325	46	69.8	1.041	77.72	0.0902	69.4	1.679	0.0235	1.027	0						
06622	64	65	1		180	22.4	10.6	61.7	0	3.2	37.4	990.5	1.548	0	0	0	0	37.6	0	0	0	29.2	3.759	0.0249	47	55.3	1.686	58.24	0.0435	73.5	1.715	0.0193	0.7343	0						
06623	65	66	1		140	38.7	12.6	58.8	0	1.19	39.6	1077	1.654	0	0	0	0	38.4	0	0	0	32.9	3.502	0.0299	52.4	57.2	2.141	50.26	0.1421	73.5	2.679	0.0271	0.6706	0						
06624	66	67	1		450	19.7	10.8	36.8	0	3.61	28.5	436.4	0.9845	0	0	0	24.14	30.4	0	0	0	26.5	1.557	0.0378	36.4	101	1.015	52.4	0.1531	77.8	1.612	0.0277	0.7184	0						
06625	67	68	1		130	37	11.4	48.7	0	1.55	38.1	526.6	1.326	0	0	0	6.885	39.3	0	0	0	29.9	1.903	0.0288	45.7	80.2	1.225	43.55	0.1654	81.9	1.964	0.038	0.6306	0						
06626	68	69	1		180	16.9	12.1	46.1	0	1.64	30.7	386.8	1.11	0	0	0	20.69	31.5	0	0	0	26.9	1.221	0.0306	38.4	105	0.9555	47.12	0.1868	60.3	1.928	0.0257	0.8105	0						
06627	69	70	1		160	21.6	10.2	40.8	0	1.23	30.4	549.7	1.1	0	0	0	20.69	27.1	0	0	0	29.9	2.033	0.0292	37.7	89.4	1.137	54.03	0.1649	63.3	1.867	0.0279	0.8876	0						
06628	70	71	1		140	24.5	11.9	57.2	0	0	45.9	635.4	1.818	0	0	0	3.434	32.1	0	0	0	28.5	2.2	0.0359	42.7	81.7	1.448	21.28	0.127	81.2	1.994	0.0315	0.8223	0						
06629	71	72	1		320	10.9	8.37	19.9	0	1.19	23	201.3	0.7428	0	0	0	3.469	17.8	0	0	0	13.7	0.8959	0.0352	30.6	80.4	0.3269	35.06	0.0118	39.1	0.7268	0.0191	0.4257	0						
06630	72	73	1		590	12.1	7.63	13.9	0	1.87	17.9	177.1	0.6401	0	0	0	4	18	0	0	0	9.73	0.8096	0.0289	29.7	62.5	0.3245	46	0.0111	54.8	0.629	0.0232	0.4074	0						
06631	73	74	1		230	18	10.2	21.8	0	0	28.9	421.9	1.055	0	0	0	6.886	33.4	0	0	0	14.8	1.812	0.0335	37.4	64.8	0.6444	38.84	0.0082	49.9	0.672	0.0188	0.4474	0						
06632	74	75	1		120	17.5	9.53	46.2	0	0	32.8	1042	1.302	1	0	0	0	38.4	0	0	0	16.1	4.052	0.0328	50.4	57.2	1.619	47.51	0.0041	64.8	0.6125	0.0163	0.416	2.84						
06633	75	76	1		320	61.1	9.07	42.6	0	5.93	52.7	749.9	1.974	0	0	0	10.34	58.2	0	0	0	29.9	3.446	0.0664	42	49.5	1.22	20.14	0.0083	58.2	0.774	0.0203	0.515	0						
06634	76	77	1		170	9.17	7.09	24.2	0	1.83	18.5	371.1	0.6649	0	0	0	2.34	29.7	0	0	0	14.8	1.697	0.043	49	68.7	0.5674	148.6	0.0093	68.9	0.7443	0.0245	0.4699	0						
06635	77	78	1		570	12.3	5.89	19.5	0	0	19.2	335.9	0.6737	0	0	0	0	25.3	0	0	0	13.8	1.651	0.0421	48.4	74.4	0.4612	109.8	0.0088	57.9	0.7516	0.0234	0.4498	0						
06636	78	79	1		650	12	10.7	18.8	0	0	27.4	276.2	1.05	0	0	0	27.59	21.3	0	0	0	14.1	1.298	0.0395	41.7	90.9	0.3748	24.97	0.0068	68.3	0.792	0.0248	0.393	0						

Appendix 5.2.7 - 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
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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
06637	79	80	1		350	49.5	11.6	42.2	0	3.88	50.9	567.6	1.922	0	0	0	37.94	42	0	0	0	46	3.019	0.0573	42.4	70.2	0.9456	18.31	0.0567	67.4	1.272	0.024	0.6463	0						
06638	80	81	1		80	173	18.9	106	0	29.9	113	1331	4.915	0	0	0	3.436	30.1	1.13	4.95	4.05	178	3.68	0.125	42	67.5	2.346	11.29	0.4966	69.8	3.885	0.0193	1.005	0						
06639	81	82	1		50	86.1	19.3	120	0	23.7	114	1597	4.875	0	0	0	0	22.4	1.02	5.71	0	164	2.538	0.1211	35.7	49.1	2.436	13.97	0.4257	50.5	4.213	0.0127	0.5609	0						
06640	82	83	1		70	66.7	16	117	0	23.6	100	1168	3.939	0	0	0	13.79	13	0.789	3.44	0	130	1.527	0.1269	25.7	63.3	2.023	22.63	0.3711	46.1	3.279	0.0411	0.5036	0						
06641	83	84	1		50	69	14.3	95.4	0	11.5	78.6	1113	3.195	0	0	0	3.434	48.3	0.675	1.87	0	107	2.791	0.0778	39	61	1.591	23.27	0.3054	62.7	2.588	0.0283	0.7278	0						
06642	84	85	1		430	6.05	20.8	50.5	0	0	19.1	231.8	0.5854	0	0	0	6.886	24.7	0	0	0	15.1	1.056	0.0452	46.7	77.9	0.337	113.4	0.014	61.3	0.7383	0.0267	0.4415	0						
06643	85	86	1		470	16.5	178	109	4.3	4.2	35.4	389.4	1.265	0	0	0	31.04	43.4	0.75	0	1.35	17.5	2.247	0.038	42.7	77.1	0.4586	19.84	0.0094	51.5	0.6837	0.0283	0.4028	0						
06644	86	87	1		280	73.1	14.4	107	0	10.6	90.2	1396	3.913	0	0	0	17.24	45.2	0.87	1.17	0	138	3.583	0.1182	38	46.8	1.796	27.05	0.3152	59.7	2.454	0.0899	0.453	0						
06645	87	88	1		340	143	15.9	108	0	11.4	172	903.8	5.953	0	15	0	6.886	33.1	1.34	4.43	0	101	2.36	0.0688	35.4	89.8	1.405	5.538	0.3552	49.2	2.418	0.0697	0.5148	135						
06646	88	89	1		370	157	10.9	44.4	0	1.78	72.4	830.6	3.096	0	0	0	20.69	52.6	0.636	0	0	31.2	3.207	0.0338	47.7	114	0.4422	11.8	0.1334	63.7	1.346	0.0365	0.3078	11.8						
06647	89	90	1		220	128	11.4	52.2	0	0	77.6	968	3.108	0	0	0	17.24	46.6	0.756	2.45	0	31.2	3.337	0.0313	46.7	99.4	0.3893	9.641	0.1379	56.6	1.552	0.0319	0.2579	14.6						
06648	90	91	1		310	35.4	9.16	42.3	0	0	39	673.9	1.55	1	0	0	0	46.3	0	0	0	29.5	2.913	0.0438	50.7	66.8	1.054	34.44	0.1493	55	1.564	0.0465	0.5296	0						
06649	91	92	1		50	89.3	10.9	43.8	0	0	50.5	789.8	2.013	0	0	0	10.34	51.1	0	0	0	29.9	3.125	0.0399	50.7	82.5	0.7072	20.54	0.145	60.3	2.006	0.0388	0.4099	0						
06650	92	93	1		230	85.1	9.24	49.1	0	0	52.9	827.5	2.035	0	0	0	0	44.8	0	0	0	32.2	3.176	0.0354	52.4	107	0.542	18.47	0.1461	63.1	1.473	0.0401	0.3692	0						
06651	93	94	1		130	228	13.5	69.1	0	2.19	108	1339	5.05	0	6	0	27.59	32	1.15	4.08	0	35.9	6.137	0.0336	63.7	88.6	0.3733	8.045	0.0341	67.9	1.443	0.0195	0.4242	0						
06652	94	95	1		490	220	11	49.7	0	0	85.4	997.1	4.043	0	8	0	0	42	0.864	0	1.35	36.6	4.205	0.0385	53.7	102	0.6238	9.038	0.0924	60.3	1.39	0.0331	0.2802	0						
06653	95	96	1		340	87.8	10.4	38.6	0	0	56.5	829.1	2.309	0	0	0	24.14	51.8	0.516	0	0	31.2	3.906	0.0335	52.4	83.3	1.001	17.37	0.1185	66.5	1.551	0.0535	0.3051	0						
06654	96	97	1		130	65.3	11.9	66.4	0	0	48.2	828.4	2.009	1	6	0	0	40.8	0	0	0	36.6	2.91	0.0353	53.4	102	1.617	24.84	0.1768	78.5	2.195	0.0725	0.8198	0						
06655	97	98	1		160	85.5	12.5	56.9	0	0	48.4	659.3	1.959	0	0	0	20.69	48.7	0	1.69	0	35.9	2.569	0.0474	53	125	1.223	23.56	0.1975	71.8	2.346	0.0567	0.8274	0						
06656	98	99	1		490	200	11.9	36.9	0	0	97.8	698.1	3.96	0	8	0	0	59.4	0.87	0	0	31.2	3.204	0.0448	52.4	107	0.5618	7.589	0.1295	59.3	1.473	0.046	0.3257	0						
06657	99	100	1		500	218	12.4	98.7	0	0	86.4	724.7	3.509	0	0	0	20.69	54.4	1.49	0	0	33.6	3.044	0.0492	46.7	90.2	0.6294	8.99	0.1374	66.3	1.513	0.0402	0.3699	0						
06658	100	101	1		250	157	11.9	48.3	0	0	33.2	787.4	1.504	0	0	0	0	65.4	0	1.92	0	34.2	3.323	0.0343	50.7	87.9	0.6817	54.88	0.1598	56.4	2.097	0.0341	0.4293	0						
06659	101	102	1		170	35.9	13.7	85.7	0	1.37	42.8	1025	1.832	0	0	0	11.8	46.3	0	1.34	0	46.3	3.454	0.0231	52.7	84.8	2.154	52.28	0.1616	65.4	2.618	0.0364	1.448	0						
06660	102	103	1		100	27.4	13.5	88.4	0	3.15	37.8	897.6	1.54	0	0	0	0	46.8	0	1.34	0	38.9	2.975	0.0306	51.4	75.6	1.765	77.21	0.1733	61.9	2.703	0.031	1.187	0						
06661	103	104	1		490	49.9	15.2	211	0	1.23	46.9	848.6	1.883	0	0	0	13.79	35.6	1.12	0	0	34.2	2.495	0.0322	46.4	83.3	1.719	19.38	0.1523	60.6	2.121	0.0385	0.8411	9.71						
06662	104	105	1		180	17.6	13.8	89.8	0	1.28	39.7	994.7	1.738	1	0	0	6.884	37.9	0	0	0	41.6	3.397	0.0322	50.7	89	2.036	46.19	0.1498	60	2.625	0.0329	1.137	0						
06663	105	106	1		320	31.8	7.75	54.8	0	0	35.4	951.5	1.47	1	0	0	0	53.9	0	0	0	17.1	3.324	0.0228	44.7	81.7	1.346	32.75	0.0078	56.6	0.8921	0.0161	0.5734	0						
06664	106	107	1		230	40.1	10.9	60.2	0	0	43.4	962.2	1.812	0	0	0	0	59.4	0	1.46	0	26.2	3.714	0.0275	48.7	78.7	1.405	23.42	0.0571	60.4	1.318	0.0192	0.5469	0						
06665	107	108	1		270	98.9	10.9	51.3	0	0	61.2	870.8	2.497	0	0	0	10.33	34.6	0.579	0	0	24.5	3.2	0.0301	50	99.8	0.7873	14.11	0.0382	67.3	1.111	0.0193	0.5311	0						
06666	108	109	1		290	99.7	11.9	58.1	0	0	67.1	1025	2.843	0	0	0	6.886	43	0.702	1.22	0	23.5	3.856	0.0308	49.4	77.5	0.9903	11.89	0.0391	59	1.107	0.0178	0.4656	0						
06667	109	110	1		820	41.7	8.87	69.4	0	0	45.2	900.1	1.891	0	11	0	5.87	46.4	0	0	0	27.5	3.505	0.0269	50.4	72.5	1.318	20.07	0.0599	59.4	1.343	0.0205	0.5869	0						
06668	110	111	1		490	39.3	7.79	49.3	0	0	35.7	673.9	1.469	0	0	0	3.51	46.5	0	0	0	21.2	2.781	0.0229	44	106	1.005	27.85	0.0469	58.3	0.9629	0.0217	0.4442	0						
06669	111	112	1		760	74	10.2	52.4	0	0	45.5	507.9	1.76	0	0	0	17.24	38.1	0	0	0	28.9	2.2	0.0271	43.7	108	0.9954	23.24	0.1485	53.8	1.853	0.0264	0.6957	0						
06670	112	113	1		650	38.4	9.28	39.1	0	0	48.2	499.7	1.933	0	0	0	31.04	31.7	0	0	0	22.5	1.919	0.0232	40.4	123	0.6484	16	0.1222	58.1	1.349	0.0291	0.5529	1.32						
06671	113	114	1		190	51	11.4	45.2	0	1.73	57.3	609.1	2.182	0	0	0	3.436	38.8	0	0	0	30.9	2.704	0.0393	45.7	94	0.705	17.13	0.1499	58.2	1.758	0.0239	0.7463	0						
06672	114	115	1		360	34.4	13	75.3	0	0	46.8	891.2	2.029	0	0	0	17.24	42	0	0	0	32.9	3.344	0.031	47	84	1.263	21.92	0.1011	58.8	1.77	0.023	0.8692	16						
06673	115	116	1		410	95.9	11.5	70	0	0	64.6	932.5	2.449	0	0	0	24.14	69.4	0.774	0	0	30.2	4.04	0.0312	49.7	82.1	1.157	16.67	0.0978	63.3	1.424	0.0445	0.5382	0						
06674	116	117	1		250	52.8	12.3	76.6	0	0	44.7	1034	1.989	0	0	0	6.884	51	0	1.57	0	35.9	3.635	0.0328	51.7	78.7	1.661	36.33	0.147	60.8	2.067	0.0616	0.731	0						
06675	117	118	1		110	39.5	13.2	72.4	0	1.64	37.2	750.8	1.599	0	0	0	0	42.6	0	0	0	32.2	2.462	0.0348	50	85.6	1.461	46.29	0.1899	61.2	2.376	0.045	0.8028	0						
06676	118	119	1		430	96.2	13.2	81	0	0	60.4	1006	2.607	0	0	0	10.34	41.9	0.564	0	0	38.9	3.474	0.041	54.7	83.2	2.062	18.53	0.1514	60	1.958	0.0578	0.9541	0						
06677	119	120	1		140	36.2	11.3	55.5	0	1.96	36.1	786.8	1.473	0	0	0	0	41.3	0	0	0	32.6	3.512	0.0303	47.4	63.7	1.342	113.2	0.1011	49.8	1.74	0.0258	1.085	0						
06678	120	121	1		310	8.24	11.1	53.7	0	4.84	25.1	429.6	0.9915	0	0	0	24.14	27.4	0	0	0	23.5	1.763	0.0189	47.7	92.5	1.001	93.87	0.0645	63.6	1.545	0.0244	1.015	0						
06679	121	122	1		370	10.4	11.7	63.1	0	3.97	33.7	485.2	1.375	0	0	0	0	23.2	0	0	0	30.9	1.211	0.0244	35.7	82.9	1.393	83.8	0.1682	52.4	2.182	0.0262	1.216	8.41						
06680	122	123	1		320	11.4	12.9	68.5	0	4.06	34.5	620.7	1.412	0	0	0	31.04	26	0	0	0	31.2	1.877	0.0319	42.4	76.7	1.38	80.86	0.1315	60.3	2.012	0.0237	1.075	17.5						
06681	123	124	1		560	20.7	9.49	63.1	0	1.73	36.6	729.9	1.487	1	0	0	0	30.7	0	0	0	22.8	2.262	0.026	39	75.2	1.521	71.9	0.0851	51.5	1.696	0.0136	0.6709	3.74						
06682	124	125	1		450	5.32	9.57	42.6	0	3.15	16.6	364.6	0.6133	0	0	0	0	38.1	0	0	0	6.71	1.549	0.0247	29.7	15	0.5102	121.6	0.0038	51.7	0.296	0.0115	0.1364	4.91						
06683	125	126	1		380	9.31	7.09	43.5	0	0	22.5	516.3	0.8993	1	0	0	0	28.9	0	0	0	17.1	2.144	0.0198	39.4	76	0.7494	155.6	0.0146	61.5	0.9138	0.0174	0.5464	0						
06684	126	127	1		200	6.71	11.4	38.5	0	1.55	17.7	381.4	0.6292	0	0	0	0	32.6	0	0	0	13.4	1.857	0.0221	45.4	62.9	0.6549	110	0.0083	51.3	0.7733	0.0171	0.4479	0						
06685	127	128	1		220	7.11	8.79	37.3	0	2.47	23	502.1	0.8686	0	0	0	0	37.1	0	0	0	13.1	2.17	0.0243	41.7	84.4	0.7505	123.4	0.0103	55	0.84	0.017	0.506	0						
06686	128	129	1		440	7.51	14.6	39.8	0	0	17.7	323.2	0.5438	0	0	0	3.51	38.7	0	0	0	9.73	1.226	0.0189	42	70.2	0.4155	374.4	0.0068	50.4	0.6506	0.0192	0.3673	0						
06687	129	130	1		190	5.32	46.3	85.5	0	1.23	23.5	546.1	0.9689	0	0	0	0	59	0.831	0	0	12.1	2.036	0.0171	39	55.3	0.6896	46.44	0.0076	38.9	0.6524	0.0141	0.4229	2.07						
06688	130	131	1		170	7.78	7.79	36.7	0	1.96	23.9	557.1	0.9252	0	0	0	0	42.5	0	0	0	14.4	2.567	0.0248	41.4	59.5	1.009	72.19	0.01	54.2	0.7895	0.0155	0.5118	0						
06689	131	132	1		570	7.64	6.71	32.9	0	0	22	547.9	0.8904	1	0	0	0	54.1	0	0	0	13.1	2.395	0.0226	43	56.4	1.039	151.1	0.0071	57.5	0.6133	0.0146	0.4347	0						
06690	132	133	1		240	8.18	9.36	31.4	0	3.93	20.3	397.6	0.7739	0	0	0	0	34	0	0	0	18.8	1.708	0.0225	43	69.8	0.7771	208.5	0.0443	61.8	1.106	0.0239	0.6416	0						
06691	133	134	1		130	37.8	8.58	34.8	0	3.47	25.7	428.4	0.9897	1	0	0	0	31.2	0	0	0	18.8	2.1	0.0212	41.7	60.6	0.7817	87.23	0.0262	58.6	0.9689	0.0178	0.6077	0						

Appendix 5.2.7 - 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
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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
06692	134	135	1		160	41.1	9.61	35.8	0	0	40.1	543.5	1.605	0	0	0	17.24	63	0	1.4	0	15.1	2.447	0.0245	39	57.6	1.023	23.33	0.0098	60.1	0.7922	0.0175	0.5101	0						
06693	135	136	1		270	25.5	8.12	48.6	0	0	34.7	929.1	1.459	1	0	0	0	31.5	0	0	0	21.5	3.607	0.0216	43.4	52.2	1.594	36.02	0.0055	60.9	0.9176	0.0142	0.4924	0						
06694	136	137	1		290	30	7.87	52.8	0	0	34.4	937.9	1.435	0	10	0	0	44.7	0	0	0	17.5	3.595	0.0226	44.4	53.3	1.474	53.01	0.0066	56	0.7182	0.0149	0.489	0						
06695	137	138	1		340	8.71	7.34	29.9	0	0	17	412.8	0.6897	0	0	0	0	31.2	0	0	0	15.4	1.844	0.0217	41	67.1	0.6906	165.7	0.0106	57	0.7502	0.022	0.4572	0						
06696	138	139	1		440	17.2	7.96	31.2	0	3.79	22.7	490.3	0.8298	1	0	0	0	23.5	0	0	0	16.8	2.067	0.0239	42	65.2	0.7982	110.5	0.0285	60.9	1.02	0.0203	0.7039	0						
06697	139	140	1		500	15.3	6.46	33.8	0	2.74	26.3	576.9	0.9619	1	0	0	0	32.6	0	0	0	11.4	2.388	0.0277	38.4	53.7	1.049	94.88	0.0099	51.1	0.7911	0.0156	0.4776	0						
06698	140	141	1		230	26.2	7.75	53.1	0	0	36.1	808.6	1.429	0	0	0	0	63.2	0	0	0	21.5	3.104	0.0236	42	49.9	1.406	38.24	0.0127	59	0.8823	0.0174	0.6084	0						
06699	141	142	1		1250	15.6	5.51	55.3	0	0	23.7	569.7	0.9458	0	0	0	0	55.1	0	0	0	16.4	2.177	0.0211	39.7	59.9	0.9691	113	0.0094	47.1	0.8069	0.0158	0.5196	0						
06700	142	143	1		620	23.1	8.62	41.9	0	0	29.1	585.1	1.087	0	0	0	0	40.9	0	0	0	15.4	2.391	0.029	40	51.8	1.025	83.67	0.0094	60.5	0.7365	0.0194	0.4577	0						
06701	143	144	1		370	34.8	8.78	53.5	0	2.1	34.6	663.5	1.336	0	0	0	0	30.7	0	0	0	27.9	2.884	0.0312	43.7	45.3	1.314	64.41	0.0728	64.3	1.319	0.0161	0.7675	0						
06702	144	145	1		320	83.5	15.9	113	0	0	63.1	976.4	2.666	0	0	0	0	44.7	0.816	0	0	38.3	3.607	0.0241	51.7	64.9	2.282	28.3	0.1188	62.6	2.74	0.0402	1.492	0						
06703	145	146	1		260	52.8	12.8	72.7	0	0	44.4	940.3	1.82	0	0	0	6.885	36.8	0	0	0	35.6	3.179	0.0273	47	64.1	1.768	55.99	0.1532	53	2.364	0.0318	1.121	0						
06704	146	147	1		450	54	12.6	164	0	3.01	43.5	875.7	1.802	0	0	0	13.79	28.6	0.768	0	0	31.2	2.89	0.0306	48.4	81.7	1.5	42.39	0.1473	49	1.758	0.0395	0.9157	0						
06705	147	148	1		340	48.8	10.2	58.4	0	0	35.9	637.2	1.419	1	0	0	20.69	29.4	0	0	0	30.6	2.062	0.0309	40.4	82.1	1.293	53.15	0.1428	52.1	1.734	0.0361	0.7102	0						
06706	148	149	1		310	16.4	7.91	40.5	0	3.01	22.8	338.9	0.9023	0	0	0	3.433	22	0	0	0	22.2	0.9617	0.031	31.4	75.6	0.6535	60.88	0.1309	65.3	1.437	0.0175	0.6146	0						
06707	149	150	1		190	24.4	9.7	50.9	0	1.51	25.6	474	1.001	0	0	0	10.33	26.7	0	0	0	24.2	1.472	0.0304	38.7	88.6	0.9758	57.92	0.1543	56.4	1.776	0.0217	0.6577	0						
06708	150	151	1		220	21.8	12	46.3	0	1.42	24.2	423.7	0.912	1	0	0	3.436	24.3	0	1.34	0	26.9	1.709	0.0315	39.7	65.2	0.7458	80.59	0.1537	65.6	1.6	0.0211	0.8566	0						
06709	151	152	1		300	48.6	8.99	48.9	0	0	35.4	590.4	1.371	0	0	0	24.14	26.7	0	0	0	28.2	2.237	0.0303	41.7	58.7	1.253	58.56	0.1049	61.2	1.327	0.0262	0.6523	0						
06710	152	153	1		160	37.5	6.22	42.1	0	0	37.6	960.1	1.538	0	0	0	0	55.4	0	0	0	17.5	4.009	0.0243	43.7	31.5	1.544	53.65	0.0043	56.1	0.5325	0.0161	0.3713	0						
06711	153	154	1		230	38.3	6.38	38.1	0	0	35	706	1.362	0	0	0	0	43.6	0	0	0	14.1	2.961	0.0252	39.4	54.5	1.136	62.2	0.0043	55	0.5531	0.0146	0.3649	0						
06712	154	155	1		260	64.6	9.86	63.1	0	0	57.4	1243	2.386	0	0	0	0	83.3	0.609	0	0	17.1	4.571	0.0222	41.7	37.6	1.831	24.4	0.0083	60.7	0.6628	0.0135	0.5008	0						
06713	155	156	1		250	24.9	7.79	48.3	0	1.42	37.3	880.3	1.54	0	0	0	0	36.5	0	0	0	14.4	3.263	0.0262	40	45.7	1.227	38.59	0.0062	60	0.6464	0.0158	0.4383	0						
06714	156	157	1		410	40.7	7.04	44.6	0	0	36.6	984.7	1.486	0	0	0	0	47.2	0	0	0	17.1	3.824	0.02	45.7	34.2	1.446	48.83	0.0048	53.2	0.5616	0.0126	0.4016	0						
06715	157	158	1		490	29.4	6.59	42.5	0	0	40.2	830.9	1.59	0	0	0	0	47.5	0	0	0	14.1	3.429	0.0216	42	37.6	1.269	46.1	0.0041	50.9	0.5389	0.0124	0.3635	0						
06716	158	159	1		260	57.6	8.7	55.2	0	0	44.3	1057	1.826	0	0	0	0	40.1	0	0	0	19.1	3.744	0.0222	43	36.1	1.54	43.07	0.006	51.1	0.9846	0.0113	0.396	0						
06717	159	160	1		420	60.6	14.4	69	0	0	51.6	1014	2.113	0	0	0	0	75.1	0.519	0	0	16.5	3.903	0.0222	45.7	40.3	1.507	20.99	0.0069	48.9	0.599	0.0116	0.4487	0						
06718	160	161	1		430	62.1	12.1	72.4	0	0	43.3	838.2	1.769	0	0	0	27.59	25.9	0	0	0	24.8	2.305	0.0266	35.7	53.7	1.685	42.03	0.0946	62.4	1.725	0.0135	0.486	0						
06719	161	162	1		570	55.2	21.1	53.4	0	1.73	47.1	721.4	1.777	0	0	0	0	24.2	0	0	0	23.5	2.462	0.027	41.4	48.7	1.342	36.55	0.0783	55.7	1.461	0.0121	0.4327	0						
06720	162	163	1		620	17.1	14.8	29.5	0	0	20.1	486.7	0.7891	0	0	0	0	66.8	0	0	0	12.8	2.371	0.0355	39.7	40.7	0.482	77.97	0.0068	50.7	0.5313	0.0123	0.3596	11.7						
06721	163	164	1		470	10.4	6.88	18.1	0	0	18.6	356.3	0.7571	0	0	0	3.436	36.9	0	0	0	9.73	1.393	0.03	32.7	34.9	0.4059	110.2	0.0074	47.8	0.5155	0.0134	0.3406	0						
06722	164	165	1		430	12.4	9.24	29.7	0	0	29.4	520.7	1.061	0	0	0	13.79	46.8	0	0	0	10.1	1.927	0.0352	37	35.3	0.6083	56.03	0.0066	49	0.5365	0.0131	0.3646	0						
06723	165	166	1		530	7.05	7.63	20.7	0	0	20.1	388.5	0.7643	0	0	0	0	56.7	0	0	0	10.4	1.734	0.0414	35	26.1	0.4803	107.3	0.0038	47.5	0.3779	0.0119	0.2454	0						
06724	166	167	1		210	23.4	7.75	25.4	0	0	23.8	461.8	0.8754	0	0	0	0	64.5	0	0	0	14.4	2.355	0.0362	40	53.3	0.9973	105	0.008	57.2	0.5977	0.0169	0.4141	0						
06725	167	168	1		400	13.8	5.93	15.8	0	1.37	16.9	398.3	0.6798	0	0	0	0	39.4	0	0	0	11.7	1.805	0.0421	35.7	55.3	0.4819	177.6	0.0041	46.1	0.4754	0.0125	0.287	0						
06726	168	169	1		540	12.5	8.08	18.4	0	0	16.8	295.1	0.6609	0	0	0	0	28.9	0	0	0	9.73	1.304	0.0483	33	31.5	0.3494	148.7	0.0042	45.1	0.5104	0.012	0.2593	0						
06727	169	170	1		340	12.4	6.22	20.7	0	29.9	20.7	396.5	0.7642	0	0	0	0	50.4	0	0	0	11.7	1.679	0.0236	33	46.8	0.6041	168.7	0.0058	53.5	0.4819	0.0129	0.3073	0						
06728	170	171	1		530	12.4	8.04	23.3	0	20.5	18.3	304	0.6858	0	0	0	0	44.2	0	0	0	12.1	1.214	0.0249	30.7	32.2	0.4457	125.9	0.0077	34.3	0.4417	0.0111	0.296	1.94						
06729	171	172	1		330	25.6	10.2	15.4	0	4.2	19.3	312.2	0.6052	0	0	0	0	46.4	0	0	0	8.06	1.154	0.0262	29	28	0.2181	148	0.0058	26.4	0.4514	0.0108	0.3043	24.6						
06730	172	173	1		530	22.5	6.55	14.8	0	3.56	22.1	271.2	0.7255	0	0	0	0	36.8	0	0	0	9.4	1.024	0.0362	28.7	16.9	0.2515	106.3	0.0062	30.7	0.4592	0.0112	0.3123	1.23						
06731	173	174	1		710	12.8	23.8	81.1	0	2.37	19.4	306	0.7086	1	0	0	0	61.4	0.756	0	0	9.73	1.529	0.0344	32.4	46.8	0.285	111.8	0.0048	32.3	0.4308	0.0102	0.2904	5						
06732	174	175	1		150	16.2	14	24.4	0	8.4	30.9	318.8	0.9251	1	0	0	0	40.6	0	1.4	0	9.06	1.179	0.0325	30.7	42.2	0.3095	61.2	0.0064	29.9	0.5107	0.0109	0.3351	0						
06733	175	176	1		620	15.5	8.62	20.1	0	5.11	31.2	325.8	0.8653	0	0	0	0	40.6	0	0	0	8.73	1.282	0.0183	28.7	46.4	0.3832	72.88	0.0044	32.3	0.5153	0.0101	0.3516	0						
06734	176	177	1		410	19.5	8.16	18.9	0	8.54	28.6	358.7	0.7513	1	0	0	0	51.6	0	0	0	9.4	1.455	0.017	30.7	67.5	0.3771	176.1	0.004	28.1	0.4396	0.0113	0.2975	0						
06735	177	178	1		610	16.7	5.76	19.9	0	1.37	31.1	391.5	1.011	0	0	0	0	46.6	0	0	0	8.39	1.09	0.0339	27.7	30.7	0.4307	55.86	0.0044	29.2	0.4422	0.0113	0.3145	0						
06736	178	179	1		150	10.9	5.47	22.2	0	3.88	26.9	428.1	1.005	0	0	0	0	35.9	0	0	0	9.73	0.9292	0.0398	27.7	26.5	0.3706	42.06	0.0081	28.8	0.4805	0.0113	0.3302	0						
06737	179	180	1		280	9.31	31.2	21.9	0	4.7	26.5	360.8	0.9947	0	0	0	10.33	26.1	0	0	0	8.73	0.6821	0.0343	21.7	27.6	0.2363	43.33	0.0065	31.6	0.4456	0.0114	0.3095	0						
06738	180	181	1		320	12.5	28.7	40.3	0	3.33	27	457.1	0.9926	0	0	0	0	50.8	0.537	0	0	10.7	1.246	0.0394	28.4	29.2	0.3625	61.24	0.0067	32.7	0.5469	0.0118	0.3834	0						
06739	181	182	1		160	14.2	42.7	168	0	5.98	25.6	318.4	0.899	0	0	0	10.34	28.5	1.56	0	0	7.38	0.6804	0.0361	26.7	24.2	0.3104	31.57	0.0061	30.8	0.3923	0.0111	0.2745	0						
06740	182	183	1		590	41.7	566	2640	1.8	5.89	26.8	363.1	0.906	2	0	0	0	42.9	24.1	7.29	0	8.39	0.9232	0.0351	22.7	26.5	0.2907	49.61	0.0049	32.4	0.4506	0.0109	0.3292	0						
06741	183	184	1		210	9.57	13.7	62.1	0	3.52	29.3	324.1	1.035	0	0	0	0	26.9	0.636	0	0	9.06	0.7464	0.0325	20.7	28.4	0.3019	43.14	0.0083	28.6	0.5419	0.0119	0.3649	0						
06742	184	185	1		170	7.51	13.4	26.4	0	6.57	24.5	315.5	0.8962	0	0	0	0	32.5	0	0	0	8.73	0.7955	0.0324	22.7	27.6	0.2615	48.41	0.0077	27.2	0.4979	0.0112	0.3453	0						
06743	185	186	1		400	7.18	5.89	19.9	0	3.74	21.9	212.3	0.7901	0	0	0	0	23.1	0	0	0	6.71	0.4655	0.0225	20	26.1	0.2242	56.52	0.0072	28.2	0.4974	0.0114	0.3425	0						
06744	186	187	1		590	16.5	26.6	39.9	0	0	24	356.6	0.8455	0	0	0	6.887	44.4	0.51	0	0	8.06	0.9804	0.0345	27	24.9	0.3158	56.62	0.0062	30.1	0.5171	0.0113	0.3582	0						
06745	187	188	1		100	22.5	16.3	29.6	0	2.74	32.6	375.5	0.9776	0	0	0	0	47	0	0	0	9.4	1.121	0.028	30	18	0.3791	35.39	0.0068	27.1	0.4815	0.0106	0.3301	0						
06746	188	189	1		210	9.11	36	159	0	6.57	21.2	346.9	0.7576	0	0	0	0	25.1	1.01	0	0	6.04	0.4878	0.0343	20.7	77.1	0.177	41.07	0.0074	30	0.4452	0.0117	0.2983	0						

Appendix 5.2.7 - 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
SX05009	237.2	270	-45	524780.3	5495060.7	1931	COMPLETE	6/20/2005	D. L. Pighin

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
06747	189	190	1		670	4.12	101	436	0	3.01	33.9	139	1.295	0	0	0	0	13.4	3.03	0	0	7.38	0.2442	0.0354	12.7	43.7	0.0886	20.55	0.0051	32.6	0.4948	0.0123	0.3229	0						
06748	190	191	1		320	31	10.9	55.6	0	4.84	31.5	250.7	1.103	0	0	0	10.34	23	0.507	0	0	7.72	0.5137	0.0341	24.7	44.1	0.3157	43.91	0.0077	30.4	0.5323	0.0127	0.3758	0						
06749	191	192	1		310	11.4	21.5	42.5	0	6.94	37.1	377.9	1.365	0	0	0	6.884	27.1	0	0	0	9.73	0.5384	0.0318	21.3	49.5	0.3056	46.86	0.008	29.7	0.5953	0.0138	0.4061	0						
06750	192	193	1		170	16	8.95	26.7	0	8.31	31.2	381.7	1.057	0	0	0	3.437	30	0	0	0	6.71	0.6717	0.0287	29	38	0.3311	53.48	0.008	31.6	0.5426	0.0123	0.3814	0						
06751	193	194	1		70	30.4	16.3	156	0	279	104	1138	4.083	0	0	0	0	115	0.999	5.07	0	73.5	2.701	0.0694	32	191	3.387	12.97	0.0862	40.5	1.38	0.0187	1.204	0						
06752	194	195	1		110	59.8	11.6	97.4	0	267	109	1331	3.872	0	0	0	5.08	106	0.969	4.55	0	63.8	3.122	0.0753	36	145	3.566	14.18	0.0493	44.8	0.8584	0.0132	0.7673	0						
06753	195	196	1		700	5.79	21.9	46.5	0	7.9	44.3	200.6	1.435	0	0	0	0	18.2	0.561	0	0	7.72	0.3865	0.0179	16.3	35.3	0.2007	16.88	0.0064	31	0.4297	0.011	0.2843	0						
06754	196	197	1		380	28.2	43.4	57.4	0	8.63	29.2	411.8	0.9686	1	0	0	24.14	53.7	0.567	0	0	8.39	1.127	0.0319	29.3	26.5	0.3427	39.67	0.0047	32.8	0.4139	0.0101	0.2984	0						
06755	197	198	1		480	12.9	6.71	17.2	0	0	22.8	260.5	0.7772	0	0	0	17.24	25.1	0	0	0	8.06	0.4945	0.0295	24.7	37.2	0.246	126.5	0.0055	27	0.4489	0.011	0.3088	0						
06756	198	199	1		50	11.9	6.84	19.2	0	5.34	31.1	319.9	1.137	0	0	0	0	16.6	0	0	0	5.37	0.4432	0.027	25.7	26.1	0.2949	38	0.0074	33.4	0.481	0.0128	0.3205	0						
06757	199	200	1		190	13.8	5.68	22.9	0.5	4.15	31.4	406.6	1.131	0	0	0	0	26.8	0	0	0	8.39	0.6544	0.0291	23.3	30.7	0.3352	25.27	0.0066	30.5	0.4422	0.0116	0.3004	0						
06758	200	201	1		260	10	5.14	19.5	0	0	23.2	440.5	0.8585	0	0	0	3.435	35.8	0	0	0	9.73	0.9422	0.0187	31.4	27.2	0.327	53.47	0.0064	25.4	0.4469	0.0107	0.3048	0						
06759	201	202	1		50	14.9	8.08	16.5	0	5.43	25.9	369.6	0.9023	1	0	0	0	25.9	0	0	0	7.72	0.8582	0.0233	31.4	29.6	0.3049	43.7	0.0071	50	0.5046	0.0152	0.34	0						
06760	202	203	1		220	20.7	9.45	12.3	0	5.48	27.3	267	0.8656	0	0	0	13.79	32.3	0	0	0	5.71	0.8594	0.0205	28	34.5	0.236	44.42	0.0052	54.2	0.4323	0.0149	0.3004	0						
06761	203	204	1		350	11.9	6.3	10.8	0	2.79	25.5	196	0.9795	0	0	0	0	26.6	0	0	0	8.73	0.6846	0.0275	23.7	38	0.1953	38.84	0.006	50.1	0.4665	0.0146	0.312	0						
06762	204	205	1		460	12.7	7.75	11.7	0	0	23.3	300.1	0.8236	0	0	0	13.79	37	0	0	0	7.38	0.9493	0.035	30.7	36.8	0.2523	92.83	0.0055	54.8	0.4759	0.0158	0.2978	0						
06763	205	206	1		150	15.2	7.79	14.1	0	6.98	24.7	209.7	0.7894	0	5	0	6.881	19.5	0	0	0	6.71	0.4453	0.0316	26	22.3	0.2271	45.32	0.0076	54.5	0.4441	0.0149	0.2965	0						
06764	206	207	1		100	17.8	12.1	19.1	0	9.63	30.1	154.6	0.9103	0	0	0	0	14.1	0	0	0	5.37	0.2855	0.03	20.3	24.6	0.2084	42.15	0.0106	58.8	0.5164	0.0162	0.3363	0						
06765	207	208	1		170	19.2	10.4	18.7	0	5.25	19	179.6	0.6946	0	0	0	17.23	21.7	0	0	0	7.05	0.4194	0.0203	24.4	17.3	0.2065	87.1	0.0065	54.7	0.443	0.0149	0.2946	0						
06766	208	209	1		20	5.92	34.5	40.4	1	4.16	23.1	226.9	0.8454	0	0	0	6.877	20	0	0	0	6.04	0.4198	0.0265	25.4	17.7	0.2737	56.98	0.0066	48.1	0.4345	0.014	0.2954	0						
06767	209	210	1		120	19.5	7.92	17.4	0.679	5.52	31.6	255.8	0.9856	0	0	0	6.885	26.1	0	0	0	7.38	0.5415	0.0313	24.3	25.7	0.2704	51.19	0.0072	50.7	0.4635	0.0142	0.3093	0						
06768	210	211	1		340	19.5	7.33	14	0	3.83	33.4	219.6	0.9735	0	7	0	6.868	22.7	0	0	0	4.03	0.4762	0.0261	19.4	17.7	0.2012	41.93	0.0054	49.9	0.3642	0.0126	0.2524	0						
06769	211	212	1		220	14.1	6.51	17.1	0	4.52	29.7	201.5	0.8951	0	5	0	0	17.5	0	0	0	5.71	0.4241	0.0305	24.7	24.2	0.2214	62.5	0.0069	47.4	0.4438	0.0135	0.2988	0						
06770	212	213	1		50	9.65	6.13	20.4	0	4.34	29.3	190.8	1.011	0	6	0	0	9.92	0	0	0	7.39	0.3318	0.0484	25.7	19.6	0.3563	50.95	0.0069	46.9	0.4332	0.0132	0.296	0						
06771	213	214	1		50	12	9.67	23.2	0.7	5.13	30.1	260.6	1.015	7	0	0	23.72	16.6	0	3.77	0	10.6	0.426	0.038	30	38.4	0.3664	63.6	0.0124	32.1	0.6114	0.0137	0.4182	0						
06772	214	215	1		240	18.1	6.6	20.4	0.6	0	29.2	320	0.9431	0	0	0	3.373	36.5	0	0	0	8.79	0.7875	0.0345	30.6	56.2	0.3207	65.4	0.0096	30.9	0.5429	0.0113	0.3654	0						
06773	215	216	1		150	12.2	6.06	23	0.6	3.14	27.2	257.5	0.8671	1	0	0	20.33	22.7	0	0	0	5.63	0.5388	0.0433	32	24.1	0.3529	41.88	0.0099	31.6	0.5525	0.0117	0.3713	0						
06774	216	217	1		170	17.3	8.75	20.2	0.7	2.36	32.2	372	1.118	0	0	0	6.763	49.7	0	0	0	10.6	1.258	0.0376	29.6	39.7	0.3869	43.37	0.0072	31.2	0.5143	0.0105	0.3572	0						
06775	217	218	1		100	23.9	8.12	25.6	0	2.46	34.8	241.8	0.9946	0	0	0	16.94	31.1	0	1.76	0	9.15	0.877	0.0365	30.3	33.5	0.3239	41.12	0.0086	28.6	0.5457	0.0115	0.3544	0						
06776	218	219	1		50	15.4	21.4	30.5	0.9	6.39	38.2	370.5	1.39	0	0	0	0	35	0	1.76	0	9.85	1.522	0.0434	33.3	46.4	0.4053	19.83	0.0093	29.9	0.5738	0.0117	0.3584	0						
06777	219	220	1		210	15.5	7.28	20.5	0.6	2.04	22.6	258.8	0.7863	0	0	0	10.4	31.7	0	1.07	0	8.79	1.01	0.0395	29	47.3	0.3142	60.34	0.0089	27.7	0.5349	0.0113	0.3517	0						
06778	220	221	1		100	9.69	7.19	14.9	0	0	17.5	312.3	0.5017	0	0	0	0	22.4	0	0	0	12.3	1.202	0.0325	33.3	50.4	0.3651	41.23	0.008	27.7	0.5239	0.0118	0.3482	0						
06779	221	222	1		230	39.4	12.4	16.9	1	0	34.2	220.3	1.302	0	0	0	20.33	14.2	0	3.7	0	9.5	0.8749	0.0292	24.6	53.1	0.2664	20.71	0.0077	26.7	0.5033	0.01	0.3268	0						
06780	222	223	1		330	37.6	71.5	48.2	1	1.94	38.1	350.7	1.273	0	0	0	16.94	28.7	0.694	4.33	0	10.6	1.01	0.0237	26	95	0.2838	20.71	0.0061	32.5	0.5355	0.0106	0.3733	0						
06781	223	224	1		210	17.7	408	454	0.9	0	24.4	329.5	0.7417	0	0	0	6.765	22.9	4.03	0	0	11.3	1.166	0.0354	30.3	62.5	0.3348	52.67	0.0066	32.2	0.5666	0.0093	0.3573	0						
06782	224	225	1		190	9.23	9.12	14.9	0	0	14.7	192	0.4584	0	0	0	0	29.2	0	0	0	6.33	0.9599	0.0357	33.3	44.6	0.3082	65.65	0.0082	32.8	0.5308	0.0107	0.3481	0						
06783	225	226	1		70	14.3	7.78	15.5	0.7	3.09	21.4	240.6	0.6372	0	0	0	2.96	35.2	0	0	0	9.5	1.137	0.0381	31.6	50	0.3953	39.89	0.0108	31.2	0.5827	0.0108	0.3821	0						
06784	226	227	1		370	14.3	41.1	55.2	1.1	0	23	219.4	0.6313	0	0	0	10.16	30.3	0.615	0	0	9.85	0.9633	0.0375	32.3	77.2	0.2975	65.67	0.0084	32.8	0.5314	0.0113	0.3474	0						
06785	227	228	1		200	18.5	20.4	21.6	1.1	0	19.5	352.3	0.6918	1	0	0	0	51.4	0	4.52	0	10.9	1.695	0.0335	35.6	61.6	0.5497	72.66	0.0076	27.4	0.5005	0.0097	0.3264	0						
06786	228	229	1		70	8.7	6.06	13.8	0	0	17.1	297.2	0.5677	0	0	0	0	42.1	0	1.44	0	11.6	1.269	0.0442	37.3	59.8	0.4327	47.62	0.0091	28.4	0.5788	0.0116	0.3942	0						
06787	229	230	1		100	11.2	5.76	15.2	0.6	1.62	18.4	241.9	0.5473	0	0	0	14.9	32.5	0	0	0	8.79	0.9552	0.0332	33.6	63.8	0.36	73.16	0.0128	33.1	0.5391	0.012	0.3663	0						
06788	230	231	1		80	40	6.9	24.7	0	0	30.7	574.4	1.074	0	0	0	0	71.2	0	1.76	0	15.5	2.747	0.0262	40.3	50.9	1.255	60.96	0.0118	35.6	0.6173	0.0123	0.4256	0						
06789	231	232	1		160	13.5	10.3	18.8	0	0	23.4	317.7	0.8278	0	0	0	0	57	0	0	0	10.2	1.381	0.0331	33.3	55.3	0.4903	66.01	0.011	30.2	0.5728	0.0121	0.3843	0						
06790	232	233	1		90	21.1	5.8	25.7	0.6	3.35	28.5	367.7	0.9741	0	0	0	13.55	44.3	0	0	0	9.15	1.049	0.0403	28	38.8	0.4917	42.71	0.0094	30.6	0.4892	0.0108	0.3432	0						
06791	233	234	1		470	15.6	5.81	16.6	0.7	0	26	326.1	1.093	0	0	0	23.72	45.1	0	0	0	10.2	1.048	0.0326	27.3	62.9	0.4084	39.16	0.0093	30.3	0.567	0.0108	0.3839	0						
06792	234	235	1		310	10.8	6.6	22.3	0.6	0	27.4	589.8	1.115	0	0	0	0	62.6	0	0	0	11.6	2.119	0.0354	38.6	71.8	0.6725	63.33	0.0079	28.8	0.5628	0.0105	0.37	0						
06793	235	236	1		120	27.8	5.85	20.7	0.6	4.14	33.2	246.2	1.139	0	0	0	47.47	31	0	1.07	0	8.79	0.7772	0.034	25.6	29	0.4218	48.98	0.0104	29.5	0.5557	0.0118	0.3858	0						
06794	236	237.2	1.2		760	31.7	36.1	63.6	0	0	32.8	434.5	1.219	0	0	0	13.55	61.4	0.694	0	0	12	1.404	0.037	31.3	52.7	0.5492	47.69	0.0094	30.4	0.5731	0.0106	0.4077	0						

Appendix 5.2.7 - 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
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

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
06795	12	13	1		290	111	14.9	113	0	8.75	106	1001	5.058	0	31	0	37.29	39.5	1.01	2.76	0	142	2.179	0.0486	29	40.6	2.04	12.31	0.2889	45.2	2.231	0.0218	1.58	0						
06796	13	14	1		210	121	18.7	154	0	24.7	111	1038	5.448	0	31	0	0	19.9	1.03	5.21	0	198	1.74	0.0533	26.3	45.1	2.535	11.84	0.428	40.4	3.363	0.022	2.054	3.19						
06797	14	15	1		550	229	18.6	141	1	24.2	156	913.1	6.758	0	44	0	0	19.7	1.25	2.01	0	191	1.621	0.0562	26	49.5	2.444	6.578	0.411	58.8	3.249	0.0137	2.207	8.7						
06798	15	16	1		180	104	20.5	175	0	23.6	107	1217	4.871	0	25	0	3.36	26.4	0.991	2.2	0	224	2.285	0.0557	29	45.1	2.648	25.37	0.4245	41.5	3.735	0.0155	2.014	0						
06799	16	17	1		140	212	19.1	153	0	22.9	108	1057	5.618	0	27	0	27.12	18.3	1.04	5.46	0	199	1.971	0.0534	29	48.2	2.557	12.29	0.3985	43.1	3.555	0.0103	1.827	0						
06800	17	18	1		70	109	18.5	148	0	22	111	1378	5.25	0	0	0	16.94	34.1	0.968	4.71	0	173	3.206	0.056	36.6	37	2.372	19.67	0.2203	41.2	3.107	0.0097	1.37	0						
06801	18	19	1		80	76.6	10.3	65	0.6	8.28	73.1	679.1	3.079	0	0	0	30.51	39.3	0.562	1.13	0	56.7	1.907	0.0282	34.3	74.1	1.252	14.47	0.0738	41.4	1.193	0.0173	0.8122	0						
06802	19	20	1		2880	55.1	6.65	38	0	0	49.2	331.1	1.808	0	0	0	37.29	49.8	0	0	0	14.8	1.333	0.0192	25.3	71.4	0.4179	14.93	0.0194	46.4	0.8056	0.0185	0.397	0						
06803	20	21	1		320	15.6	5.8	18.8	0.6	0	24	206.8	0.9023	0	0	0	10.16	12.7	0	0	0	9.5	0.7354	0.0177	27	95.5	0.2549	54.24	0.0181	47.5	0.5833	0.0154	0.345	0						
06804	21	22	1		70	27.2	6.31	25.1	0.6	2.57	30	160.6	1.139	0	0	0	23.72	11	0	1.57	0	5.28	0.4083	0.0175	20	71.4	0.1742	29.04	0.0111	41.8	0.5183	0.0142	0.3474	0						
06805	22	23	1		350	18.8	13.3	17.5	0.6	0	22	230.8	0.8307	22	0	0	16.94	8.29	0	53.3	0	7.74	0.5279	0.0156	22.3	79.4	0.2051	62.96	0.0154	42.7	0.5764	0.015	0.3578	0						
06806	23	24	1		270	8.01	5.21	14.6	0	1.62	21.1	249.2	0.7043	0	0	0	20.33	9.1	0	2.2	0	6.33	0.5502	0.0207	28.6	75.4	0.2285	85.82	0.0155	45.9	0.5578	0.0161	0.3455	0						
06807	24	25	1		190	14	5.17	14.6	0	1.78	17.4	195.7	0.6212	0	0	0	0	7.97	0	0	0	8.09	0.4517	0.0194	26.6	79	0.1762	76.25	0.0123	43.4	0.5177	0.0146	0.3424	0						
06808	25	26	1		430	9.99	14	53.2	0	0	22.4	236	0.8361	0	0	0	3.374	13.6	0.506	0	0	8.79	0.7313	0.0128	28.6	92.3	0.2417	50.39	0.0091	45.3	0.483	0.0124	0.2956	0						
06809	26	27	1		580	9.31	28.8	19	0	0	18.1	213.3	0.6493	0	0	0	0	13.1	0	0	0	6.33	0.5386	0.0109	28	96.4	0.219	84.13	0.0079	46.9	0.4877	0.0147	0.2846	0						
06810	27	28	1		290	5.57	68.3	40.8	0	0	16.5	316.6	0.6212	1	0	0	14.9	14.9	0	0	0	4.92	0.7166	0.0143	28.6	76.7	0.2157	92.24	0.0062	44.9	0.4884	0.0144	0.3082	0						
06811	28	29	1		80	11.3	17.1	19	0	0	17.2	257.2	0.6065	1	0	0	20.33	15.4	0	0	0	7.04	0.743	0.0162	28.6	74.1	0.2421	97.88	0.0067	43.8	0.4674	0.0124	0.308	0						
06812	29	30	1		110	16.5	11.3	18.9	0	0	16.9	224.1	0.5911	0	0	0	6.756	11.9	0	1.38	0	5.98	0.4953	0.0163	29.3	64.7	0.1905	122.8	0.0078	39.4	0.5191	0.0121	0.3043	0						
06813	30	31	1		260	13.8	5.26	11.5	0	0	19.1	121.3	0.6401	0	0	0	6.756	5.37	0	0	0	6.68	0.3239	0.0106	22.3	72.3	0.1384	78.49	0.007	39.2	0.4652	0.0132	0.2623	0						
06814	31	32	1		210	16.5	13.2	30.7	0	0	26.5	190.2	0.8725	0	0	0	30.51	11.9	0	1.07	0	5.28	0.4525	0.0109	23	74.1	0.2074	46.29	0.009	44.4	0.4209	0.0133	0.267	2.48						
06815	32	33	1		570	19.8	5.17	10.4	0	0	24.6	99.73	0.7357	0	0	0	27.12	7.32	0	0	0	3.87	0.2165	0.0128	23	98.7	0.1067	57.41	0.0073	31.7	0.3867	0.0149	0.2603	0						
06816	33	34	1		70	15.6	5.93	18.7	0	0	23.5	199.4	0.8865	1	0	0	6.763	7.97	0	4.58	0	6.68	0.4753	0.0111	25.6	91.5	0.2932	61.58	0.0179	46.9	0.5151	0.0164	0.3682	0						
06817	34	35	1		320	8.09	3.58	9.22	0	0	21.9	74.83	0.815	0	0	0	20.33	3.5	0	0	0	5.28	0.1152	0.0145	17	66.6	0.1247	51.49	0.0097	48.8	0.4235	0.0177	0.3	0						
06818	35	36	1		130	21.1	5.97	23.7	0	0	24.1	188	0.8432	0	0	0	3.37	9.19	0	0	0	6.33	0.4585	0.0126	24	86.1	0.2726	56.08	0.019	51.6	0.5467	0.0217	0.3537	0						
06819	36	37	1		140	14.9	5.68	16.4	0	0	23.4	136.9	0.8455	0	0	0	10.16	6.75	0	0	0	7.03	0.31	0.0206	23.3	76.3	0.2345	61.26	0.0172	55.8	0.585	0.0236	0.4239	2.73						
06820	37	38	1		360	11.4	5.85	15	0	1.89	19.6	149.5	0.6747	0	0	0	6.763	7.97	0	0	0	7.39	0.3002	0.0118	20	79	0.2602	88.06	0.0348	49	0.7098	0.0198	0.5418	1.14						
06821	38	39	1		130	19.7	8.75	21.9	0	4.61	30.5	130.5	1.074	0	21	0	20.33	6.34	0	1.51	0	15.8	0.2404	0.0148	22.3	86.6	0.3349	51.23	0.0612	53.7	0.9029	0.0189	0.653	3.69						
06822	39	40	1		250	58.4	6.35	19.1	0	1.99	51.6	151.4	1.564	0	0	0	27.12	8.78	0	1.88	0	14.4	0.3248	0.0173	23.6	71.8	0.394	25.23	0.0273	55.6	0.5848	0.017	0.4332	0						
06823	40	41	1		160	12.5	4.63	12.9	0	1.15	27.8	122.1	0.975	0	0	0	0	7.97	0	0	0	8.09	0.4032	0.0185	22.6	63.8	0.265	43.75	0.016	38.6	0.559	0.0169	0.3864	0						
06824	41	42	1		250	26.4	6.14	14.7	0	0	24.1	125.8	0.8466	0	0	0	10.16	5.2	0	0	0	7.39	0.2902	0.0145	21.3	91.5	0.2028	88.99	0.029	51.6	0.6684	0.0169	0.453	0						
06825	42	43	1		40	26.9	6.77	15.4	0	3.67	30.3	140.3	1.114	0	0	0	13.55	5.45	0	1.7	0	7.39	0.3312	0.0188	25	65.6	0.2358	56.54	0.0466	49.9	0.8372	0.0161	0.5737	0						
06826	43	44	1		50	15.3	6.98	18.1	0	3.3	27.2	97.85	0.9889	0	6	0	6.763	4.07	0	0	0	8.09	0.1662	0.0182	26	67.4	0.215	78.88	0.0494	49.9	0.8752	0.0202	0.6258	0						
06827	44	45	1		60	3.43	8.08	25.5	0	1.15	22.7	106.2	0.8022	0	5	0	23.72	2.03	0	1.44	0	7.39	0.0898	0.0113	29.6	67.4	0.2464	69.76	0.0542	53	0.8458	0.0239	0.5964	0						
06828	45	46	1		50	3.81	7.78	24.8	0	3.09	22.9	236.9	0.8648	1	1	0	23.72	5.28	0	1.32	0	12	0.2895	0.0154	33.6	74.5	0.3291	71.26	0.0706	53	0.9858	0.0267	0.725	0						
06829	46	47	1		70	5.11	7.69	18.6	0	2.67	24	124	0.9252	0	20	0	13.55	1.79	0	3.39	0	7.74	0.0962	0.0148	24	60.7	0.2752	65.03	0.0753	50.9	0.9561	0.0218	0.7024	0						
06830	47	48	1		180	18.8	8.16	23.2	0	0	43.5	141.5	1.44	0	20	0	20.33	6.1	0	1.19	0	8.44	0.2086	0.0107	24.6	77.6	0.3178	27.07	0.0631	56	0.9355	0.0211	0.6748	0						
06831	48	49	1		90	14.5	10.9	101	0	0	31.2	147.4	1.091	0	0	0	6.763	6.99	0.759	1.76	0	7.03	0.2263	0.0145	29.3	69.6	0.2626	51.39	0.0448	51.4	0.9275	0.0181	0.5978	0						
06832	49	50	1		30	7.7	7.44	22	0	3.41	27.4	87.07	1.002	0	24	0	6.765	2.03	0	2.26	0	8.79	0.0972	0.0166	34	54.9	0.2528	63.05	0.0663	56.3	0.978	0.0185	0.7106	0						
06833	50	51	1		140	6.41	7.4	20.2	0	4.66	28.7	118.5	1.081	0	2	0	27.12	5.28	0	0	0	8.09	0.2193	0.0138	35	62	0.2458	79.92	0.0614	51.7	0.9499	0.0197	0.675	0						
06834	51	52	1		190	21.8	6.86	27.6	0	1.68	41.3	239.7	1.417	0	5	0	57.65	7.56	0	0	0	8.79	0.4598	0.0137	23.6	77.2	0.3552	38.38	0.0625	49.8	0.9605	0.0225	0.6675	0						
06835	52	53	1		100	7.7	7.4	20.1	0	2.1	44.8	144	1.498	0	7	0	20.33	4.72	0	1.26	0	7.39	0.2496	0.0196	23	45.1	0.2406	24.09	0.0557	48	0.7053	0.0173	0.5363	0						
06836	53	54	1		40	2.75	6.86	18.4	0	5.71	27.9	119.4	0.9069	0	25	0	27.12	4.47	0	1.76	0	9.5	0.1356	0.0234	29.3	60.2	0.2809	58.37	0.0792	54.8	0.8793	0.0249	0.6777	0						
06837	54	55	1		30	6.33	7.49	27	0	3.93	30.5	155.1	1.099	0	0	0	16.94	4.63	0	1.51	0	9.85	0.2431	0.0195	31	56.7	0.2546	52.96	0.0547	43.7	0.8373	0.0202	0.6004	56.8						
06838	55	56	1		70	6.03	7.57	25.8	0	0	22.3	140.6	0.7578	0	0	0	0	6.18	0	0	0	8.44	0.2362	0.0114	26.6	54.4	0.2416	62.78	0.054	54.8	0.8202	0.024	0.5832	0						
06839	56	57	1		30	6.79	38.7	90	0	0	22.7	111.1	0.7829	0	0	0	6.762	6.18	0.709	1.7	0	4.57	0.2164	0.0084	24.3	46.4	0.1541	81.9	0.0127	47.5	0.5242	0.0158	0.3489	0						
06840	57	58	1		90	9.31	8.54	27.2	0	0	19.8	141.6	0.6552	0	0	0	16.94	3.74	0	0	0	4.22	0.2431	0.0134	19	50.5	0.1599	55.43	0.0174	55	0.5049	0.0173	0.3148	0						
06841	58	59	1		40	11	6.73	27.7	0	0	27.6	166.8	0.9684	0	0	0	16.94	3.98	0	2.64	0	5.98	0.2103	0.0122	17.6	67.8	0.2032	53.14	0.0361	53.5	0.6266	0.019	0.4627	0						
06842	59	60	1		110	9.69	5.89	35.5	0	0	36.4	204	1.172	0	0	0	27.12	5.53	0	1.44	0	5.63	0.2739	0.0185	21.3	79.9	0.1906	39.1	0.0169	50	0.5298	0.0189	0.3713	0						
06843	60	61	1		80	5.88	5.64	30.4	0	0	19.9	112	0.6003	0	0	0	16.94	6.59	0	1.82	0	5.63	0.2322	0.0111	16.3	78.6	0.1268	80.28	0.0097	44.6	0.4384	0.0175	0.2747	0						
06844	61	62	1		70	10.4	6.1	47.3	0	2.62	30.3	47.69	0.9605	0	0	0	6.763	2.68	0	0	0	6.33	0.0529	0.0099	15.3	130	0.1165	36.87	0.0158	48.3	0.552	0.0154	0.3675	0						
06845	62	63	1		20	6.87	4.96	11.3	0	3.51	24.2	80.96	0.8587	0	0	0	23.72	3.99	0	2.76	0	5.63	0.1208	0.0233	19.7	88.4	0.1335	64.12	0.0094	31	0.4538	0.0162	0.3296	0						
06846	63	64	1		80	4.73	9.76	185	0	1.41	15.6	77.27	0.5422	0	0	0	27.12	3.42	0.933	1.63	6.9	4.92	0.097	0.0081	19	118	0.0832	83.61	0.0061	41.2	0.3949	0.015	0.2666	0						
06847	64	65	1		50	6.41	3.74	46.5	0	0	16.7	206.2	0.5942	0	0	0	13.55	6.1	0	1.82	0	4.22	0.371	0.0068	22	113	0.2147	55.42	0.007	44.1	0.326	0.0185	0.2396	1.32						
06848	65	66	1		80	2.29	3.74	28	0	0	13.8	85.03	0.4476	0	0	0	30.52	5.78	0	0	0	4.22	0.142	0.0053	19.3	122	0.0894	84.18	0.0058	28.8	0.293	0.0156	0.2273	0						
06849	66	67	1		50	15	7.19	102	0	2.1	23.5	201.7	0.7577	0	0	0	3.359	7.48	0.591	1.95	0	5.98	0.2919	0.0061	20	124	0.2077	64.66	0.0133	29.4	0.416	0.0161	0.2892	0						

Appendix 5.2.7 - 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
SX05010	148.8	90	-45	524827.3	5494627.2	1762	COMPLETE	6/17/2005	D. L. Pighin

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
06850	67	68	1		70	2.98	4.37	26.3	0	0	26.4	76.1	0.7861	0	0	0	13.54	3.67	0	1.07	0	2.81	0.1047	0.005	16.7	106	0.0963	46.17	0.0062	29.6	0.3091	0.0155	0.2401	0						
06851	68	69	1		130	11.7	3.07	24.1	0	1.31	21.6	73.32	0.6778	0	0	0	13.54	5.78	0	0	0	2.81	0.1484	0.006	18.7	98.3	0.0753	53.39	0.0057	29.9	0.2882	0.0133	0.2192	0						
06852	69	70	1		60	10.9	5.47	22.9	0	0	31.7	107.7	1.227	0	0	0	0	5.53	0	1.76	2.3	3.87	0.1546	0.0228	16.3	98.2	0.1484	26.91	0.0076	29.7	0.4158	0.0133	0.3092	0						
06853	70	71	1		40	3.59	6.73	18.4	0	0	31.2	114.8	1.225	0	0	0	3.358	6.35	0	2.26	0	6.33	0.149	0.0198	15	80.8	0.1521	25.46	0.0066	27.4	0.4286	0.0113	0.2918	0						
06854	71	72	1		40	0	4.54	13.5	0	1.57	20.3	119.4	0.6948	0	0	0	0	7.16	0	1.51	0	4.92	0.1672	0.016	19.3	70.1	0.1841	74.21	0.0084	25.1	0.3927	0.0147	0.2605	0						
06855	72	73	1		40	0	4.96	14.6	0	2.88	23.9	141.3	0.8203	0	0	0	0	3.99	0	2.45	0	5.98	0.1874	0.0111	22.3	74.1	0.1964	62.31	0.0159	29.7	0.5059	0.0192	0.3416	0						
06856	73	74	1		540	0	5.47	13.9	0	5.08	27.8	128.4	0.9783	0	0	0	0	5.61	0	1.76	0	6.33	0.1859	0.018	22.3	70.5	0.1861	64.59	0.0154	27.9	0.4546	0.0182	0.3255	0						
06857	74	75	1		110	10.1	7.32	27.6	0	1.89	33.9	142.2	1.177	0	0	0	10.15	5.53	0	1.95	0	6.68	0.2229	0.0322	20	81.7	0.2044	44.04	0.0147	31.7	0.5314	0.0157	0.3564	0						

Appendix 5.2.7 - 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
SX05011	157.9	90	-50	524920.7	5495057	1851	COMPLETE	6/25/2005	D. L. Pighin

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
06858	16	17	1		110	10.8	41.1	189	0	0	30.6	406.9	0.7766	0	0	0	20.33	9.44	1.05	1.76	0	4.22	0.123	0.0398	37	95.6	0.1188	485.8	0.0084	30.5	1.037	0.0099	0.2552	0						
06859	22	23	1		220	34.5	510	1930	3.2	0	17.5	171.8	0.646	2	0	0	16.94	3.99	10.4	7.53	0	4.57	0.0678	0.006	17	125	0.0643	79.84	0	35.4	0.3896	0.0089	0.2231	0						
06860	27	28	1		80	4.2	25.7	95	0	0	11.9	8.927	0.4473	0	0	0	13.55	2.85	0	1.19	0	4.57	0.0124	0.0071	28.3	139	0.0604	82.33	0.0079	30.2	0.4141	0.0094	0.2381	0						
06861	32	33	1		140	4.96	64.2	83	3	0	15.4	232.1	0.5811	0	0	0	37.3	12	0.58	1.07	5.75	5.28	0.3177	0.0073	28.3	152	0.1546	129.7	0.0064	32.1	0.379	0.0097	0.2447	0						
06862	47	48	1		330	2.37	9.25	53.6	0	0	17.6	171.1	0.6217	0	0	0	10.15	9.35	0	0	0	4.22	0.2357	0.0162	19.3	123	0.1467	101.3	0.0093	32.5	0.5144	0.0106	0.2957	0						
06863	48	49	1		100	5.88	6.43	53.4	0	0	13.9	98.83	0.498	0	0	0	27.12	3.66	0	2.01	0	4.92	0.0486	0.0095	22.3	144	0.098	80.11	0.0127	32.3	0.4978	0.0119	0.3052	0						
06864	59	60	1		110	2.89	9.76	62.2	0	1.57	16.4	222.4	0.6097	0	0	0	16.95	6.49	0	1.19	1.15	8.09	0.3265	0.0123	27.3	111	0.3194	76.16	0.0324	31.9	0.7795	0.0125	0.4877	0						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
06865	3	4	1		140	5.11	11.7	60	0	0	30.1	151.2	0.9753	0	0	0	0	3.99	0	2.7	0	4.22	0.048	0	10.3	129	0.1856	78.31	0.011	36.7	0.4548	0.0094	0.3	0						
06866	4	5	1		160	5.34	11.6	72.5	0	0	20.5	152	0.7055	0	0	0	20.33	4.63	0	0	0	7.39	0.0837	0.0054	16	180	0.2105	72.49	0.0132	35.2	0.5435	0.0102	0.3392	0						
06867	5	6	1		100	4.2	6.85	41.9	0	0	17.8	83.74	0.572	0	0	0	23.72	2.61	0	2.07	0	3.87	0.0471	0	9.32	147	0.1042	57.04	0.0076	33.7	0.3848	0.0083	0.2307	0						
06868	6	7	1		160	4.66	11.2	57.9	0	0	11.3	32.34	0.3927	0	0	0	13.54	3.34	0	2.51	0	3.51	0.0071	0	16	183	0.0575	163.4	0	36.3	0.3104	0.0081	0.2119	0						
06869	7	8	1		270	4.13	13.9	36.1	0	0	10.1	31.12	0.369	0	0	0	23.72	4.56	0	1.07	0	3.87	0.0063	0	14.3	155	0.0346	268.2	0	33.2	0.2811	0.0085	0.2158	0						
06870	8	9	1		440	5.57	12.4	57.1	0	0	18.9	187.5	0.4909	0	0	0	6.756	3.91	0	0	0	4.92	0.007	0	16	116	0.1017	173.2	0.013	34.6	0.4797	0.0095	0.3131	0						
06871	9	10	1		820	10.8	474	122	2.7	0	31	583.2	0.5009	0	0	0	16.94	6.42	1.14	0	0	2.46	0.0462	0.0103	18.3	105	0.0462	233.3	0	32.5	0.2624	0.0077	0.1736	0						
06872	10	11	1		550	6.87	37	79.6	0	0	15.2	172.1	0.5251	0	0	0	16.94	10.3	0.691	0	11.5	6.33	0.1302	0.0092	24.3	122	0.0847	94.53	0.0061	28.8	0.444	0.0106	0.2936	0						
06873	11	12	1		570	2.06	9.84	49.7	0	0	17	183.2	0.6339	0	2	0	0	14.3	0	0	0	7.74	0.4567	0.0062	24	119	0.3647	88.16	0.0222	35	0.4992	0.0136	0.3305	0						
06874	12	13	1		1660	0	3.24	24.6	0	0	13.2	109.9	0.4767	1	4	0	3.37	10.2	0	0	0	5.63	0.227	0.0061	20.6	136	0.2396	126.1	0.0118	33.4	0.4461	0.0146	0.277	1.07						
06875	13	14	1		330	5.8	11.9	63	0	0	19.4	300	0.6167	0	0	0	44.08	8.29	0	0	0	6.68	0.0399	0	15.6	157	0.316	307.1	0.0263	41.3	0.7248	0.014	0.4858	0						
06876	14	15	1		300	1.99	8.2	51.7	0	0	15.3	165.6	0.489	0	0	0	10.15	6.67	0	0	0	5.28	0.044	0	15	193	0.1326	197.2	0.0149	35	0.4231	0.0117	0.2922	0						
06877	15	16	1		160	4.35	5.72	79	0	1.99	19.6	117.8	0.5926	0	4	0	23.72	6.34	0	1.57	0	8.09	0.0792	0.0075	32.6	109	0.2654	116.7	0.0308	38.2	0.6265	0.019	0.4212	0						
06878	16	17	1		160	12.2	30.9	337	0	0	20.5	178.2	0.6879	0	0	0	23.72	14.5	1.63	0	36.8	6.68	0.312	0.0144	21	104	0.1991	62.06	0.0099	33.5	0.4643	0.0112	0.3127	0						
06879	17	18	1		250	4.27	10.1	166	0	0	15.5	85.57	0.5433	0	0	0	27.12	10.4	0.703	0	7.66	6.33	0.1934	0.0338	24.6	121	0.1452	130.9	0.0084	33.9	0.4397	0.0125	0.2792	0						
06880	18	19	1		190	2.21	15.4	74.8	0	0	15.8	87.41	0.5796	0	0	0	10.15	13	0	0	8.05	6.33	0.1805	0.0206	21.3	119	0.1844	125.6	0.017	33.6	0.5579	0.014	0.3407	0						
06881	19	20	1		140	3.13	7.11	102	0	2.93	21	368.2	0.563	0	0	0	10.15	4.64	0.874	1.57	0	5.63	0.0728	0.0075	27.3	125	0.1084	130.9	0.0117	30	0.5488	0.0145	0.3009	0						
06882	20	21	1		140	4.28	7.87	54.6	0.5	0	15.8	74.81	0.5443	0	0	0	0	14.4	0	1.3	0	8.99	0.0822	0.0116	28.2	146	0.1693	115	0.0168	32	0.5655	0.0174	0.3383	0						
06883	21	22	1		160	6.94	8.63	82.2	0	0	16.7	45.71	0.6869	0	0	0	0	9	0	2.81	0	11.9	0.05	0.0087	31.5	137	0.2181	98.87	0.0294	34.4	0.9572	0.0154	0.4229	0						
06884	22	23	1		140	5.07	7.96	55.4	0	0	15.8	150.7	0.6489	0	0	0	0	6.61	0	1.92	0	9.7	0.1105	0.0059	28.2	154	0.2874	65.2	0.0344	35.9	0.8564	0.0169	0.4964	0						
06885	23	24	1		110	0	9.17	70.3	0.5	0	13.4	281.8	0.4165	0	0	0	0	4.5	0.508	1.51	0	4.31	0.0344	0.0066	22.5	168	0.0669	172	0.0068	32.4	0.5006	0.009	0.2379	0						
06886	24	25	1		160	2.58	15.2	177	0	0	24.4	377	1.025	0	0	0	0	14.1	0.977	1.85	3.28	9.35	0.2614	0.0859	28.2	104	0.1228	76.15	0.0086	31.6	0.8844	0.0084	0.2263	0						
06887	25	26	1		100	10.9	14.2	78.2	0	0	17.1	234.3	0.6884	0	0	0	0	15.7	0	2.06	0	10.1	0.2323	0.0711	36.1	113	0.1626	228.4	0.0219	33.7	0.9553	0.0162	0.3288	0						
06888	26	27	1		110	3.65	10.9	67.3	0	0	12.6	243.8	0.499	0	0	0	9.991	14.2	0.648	2.06	0	5.39	0.1686	0.0459	28.8	140	0.0707	135.2	0.0055	32	0.5111	0.0142	0.2379	0						
06889	27	28	1		160	4.01	12.2	64.4	0	0	10.7	108.8	0.4309	0	0	0	0	10.8	0	1.72	0	3.23	0.104	0.0247	28.5	119	0.0572	222.2	0	31.3	0.4678	0.0121	0.2234	0						
06890	28	29	1		230	6.68	13.6	72.2	0	0	13.9	218.7	0.5979	0	0	0	0	18.6	0.508	0	0	10.4	0.7925	0.0525	34.8	96.1	0.1375	101	0.012	29.8	0.8536	0.0075	0.2242	0						
06891	29	30	1		440	5.52	14	78.8	0	0	15.1	198	0.6843	0	0	0	0	36.9	0.634	0	0	9.7	0.9652	0.0547	38.4	90.4	0.1634	123.5	0.0122	29.1	1.038	0.0091	0.2416	0						
06892	30	31	1		500	4.63	10.3	109	0	0	11.7	165	0.4689	0	0	0	0	19.8	0.76	0	0	8.26	0.454	0.0316	33.2	183	0.1115	144.2	0.0064	37.3	0.5105	0.0098	0.2221	0						
06893	31	32	1		470	2.14	9.17	69.7	0	0	8.74	144.9	0.3354	0	0	0	0	23.6	0.507	0	0	5.03	0.3837	0.0332	29.8	108	0.095	331.7	0	28.7	0.4532	0.0076	0.1417	0						
06894	32	33	1		470	4.54	24.7	82	0.7	0	13.6	290.3	0.4673	0	0	0	0	10	0.528	0	4.93	2.15	0.0926	0.01	19.6	157	0.0517	220	0	35.8	0.2895	0.0077	0.2041	0						
06895	33	34	1		1710	2.67	4.25	42.3	0	0	12.6	94.32	0.4873	1	0	0	4.971	7.73	0	0	0	2.87	0.1147	0.0073	16.6	142	0.065	92.28	0	34	0.2197	0.0073	0.155	2.45						
06896	34	35	1		1150	1.78	7.02	37.3	0	0	13.2	116.5	0.4528	0	0	0	0	8.54	0	0	0	1.43	0.1202	0.0055	19.9	149	0.0703	105.3	0	31.6	0.3035	0.0078	0.1745	2.17						
06897	35	36	1		210	3.92	6.22	47.7	0	0	13.3	147.7	0.4597	0	0	0	4.984	12.8	0	0	0	5.75	0.1926	0.0079	21.9	130	0.1493	191.1	0.0086	31.7	0.4541	0.0093	0.2498	0						
06898	36	37	1		200	2.49	25.4	252	0.7994	0	15.3	190.4	0.561	0	0	0	0	21.2	1.64	1.37	2.3	2.87	0.2428	0.0091	22.9	164	0.1121	110	0	36.2	0.3874	0.0079	0.2905	0						
06899	37	38	1		190	11.8	82.2	95.5	1	0	14.2	118.1	0.5426	1	0	0	0	23.4	1.73	1.72	0	5.03	0.2703	0.0336	28.5	119	0.0816	108.7	0	33.1	0.4374	0.0072	0.2376	0						
06900	38	39	1		170	47.7	189	117	2.7	0	52.5	211.6	1.483	0	0	0	0	55.2	1.19	4.94	0	9.34	0.9083	0.0469	31.8	119	0.1087	17.51	0.0155	29.5	0.5014	0.0174	0.3033	0						
06901	39	40	1		410	11.9	142	44.2	0	0	15.3	187.5	0.5612	37	0	0	0	32.9	0.56	3.22	0	13.3	0.7041	0.0167	31.5	136	0.1109	54.35	0	31.1	0.3322	0.009	0.2698	0						
06902	40	41	1		870	3.74	76.6	25	0.7	0	13.2	181.3	0.5507	22	0	0	0	17.1	0	0	0	10.8	0.6005	0.0078	26.5	179	0.2301	81.66	0.0061	32.7	0.4288	0.0134	0.2993	0						
06903	41	42	1		310	7.92	41.3	25.1	0	0	10.8	225.8	0.4316	12	0	0	4.99	23.9	0	0	0	9.34	0.8073	0.0097	28.8	186	0.2545	251.3	0.005	33.3	0.4268	0.0131	0.2685	0						
06904	42	43	1		590	4.9	26.7	64.2	0	0	13.5	160.7	0.451	5	0	0	15	20.1	0	0	0	7.19	0.4542	0.0085	25.5	178	0.1844	117.6	0.0082	35.1	0.4188	0.0173	0.2882	0						
06905	43	44	1		320	16.1	15.1	22.7	0	0	16	193.4	0.6306	0	0	0	0	84.6	0	0	0	11.5	1.106	0.0463	41.4	145	0.1177	62.95	0.025	33.3	0.5189	0.0286	0.3243	0						
06906	44	45	1		260	19.1	20.7	46.9	0	0	18.3	219.9	0.7704	1	0	0	0	92.9	0	3.64	0	10.4	1.42	0.054	47.4	131	0.0922	38.66	0.0138	34.5	0.4562	0.0266	0.3088	0						
06907	45	46	1		440	12.8	14	17.2	0	0	13.5	194.6	0.5808	0	0	0	0	90.1	0	0	0	12.6	1.188	0.0512	46.7	128	0.1121	77.91	0.0252	32.1	0.5274	0.0319	0.3212	0						
06908	46	47	1		180	16.1	15.5	92.4	0	0	18.1	211	0.7576	0	0	0	0	96.7	0	1.1	1.31	15.5	1.299	0.0556	47.1	125	0.1174	52.84	0.0312	32.4	0.5652	0.0302	0.3143	0						
06909	47	48	1		170	16.7	15.9	31.4	0	0	15	209.4	0.6488	1	0	0	0	79.7	0	0	0	12.6	1.194	0.0536	44.7	118	0.1124	59.18	0.0223	33.8	0.4933	0.0304	0.3251	0						
06910	48	49	1		310	20.5	28.7	164	0	0	15.6	197.7	0.6254	0	0	0	4.99	96.8	0.989	0	16.4	11.9	1.183	0.0565	44.7	119	0.1271	64.57	0.0288	34.1	0.5675	0.0322	0.3352	1.41						
06911	49	50	1		180	53.8	38.4	54.5	1.2	0	17.2	198	0.6882	2	0	0	15	96.5	0	12.6	4.27	12.9	1.158	0.0517	41.8	121	0.1082	47.41	0.0245	34.4	0.5114	0.0305	0.3029	0						
06912	50	51	1		280	27.1	41.4	34	0	0	26.2	205.1	0.9497	1	0	0	4.993	92.7	0	5.76	0	12.9	1.199	0.0524	44.7	124	0.1058	26.64	0.0207	37.4	0.5154	0.0297	0.3301	0						
06913	51	52	1		610	18.1	12.7	12.8	0	0	19.9	191.8	0.8333	0	0	0	25.01	93.8	0	0	0	11.1	1.201	0.0549	45.1	123	0.1106	35.76	0.0229	37.3	0.5291	0.0315	0.3402	0						
06914	52	53	1		460	15.8	12.7	64.2	0	0	18.4	220.2	0.7639	0	0	0	0	85.8	0.513	0	0	13.3	1.309	0.0541	46.7	108	0.1088	40.45	0.0195	33.2	0.48	0.0272	0.302	6.37						
06915	53	54	1		260	25	15.2	15.5	0	0	21.5	185	0.8504	0	0	0	0	75	0	1.51	0	10.1	1.161	0.0515	43.7	126	0.0804	30.6	0.0127	29.8	0.4714	0.0255	0.2964	1.78						
06916	54	55	1		400	15.6	22.1	204	0	0	17.1	192.1	0.7392	0	0	0	0	94.6	0.83	0	6.9	12.2	1.099	0.0523	42.7	133	0.1198	48.71	0.0316	35.3	0.522	0.0308	0.3252	0						
06917	55	56	1		420	11.8	11.9	29	0	0	17.5	194.9	0.7547	0	0	0	0	97.1	0	0	0	16.2	1.138	0.0555	42.7	116	0.1263	50.7	0.0343	35.4	0.5539	0.0327	0.3338	0						
06918	56	57	1		400	9.7	10.3	15.9	0	0	20.9	193.1	0.8964	0	0	0	0	92.5	0	0	0	11.5	1.193	0.0554	42.4	129	0.1045	30.36	0.0256	34.7	0.5365	0.0309	0.3356	0						
06919	57	58	1		570	12	15.3	25.9	0	0	20	221.2	0.8492	0	0	0	0	101	0	0	0	16.2	1.26	0.0612	50	119	0.1318	39.81	0.0313	45.8	0.6347	0.0322	0.4134	0						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
06920	58	59	1		240	11.7	13	27	0	0	17.3	220.5	0.7209	0	0	0	0	98.7	0	0	0	12.9	1.523	0.0629	57.3	129	0.1225	51.99	0.0268	35.8	0.6549	0.0278	0.3741	0						
06921	59	60	1		450	14	14.2	48	0	0	18.1	224.9	0.8165	0	0	0	0	89.5	0	0	0	13.3	1.615	0.0589	52	123	0.1059	41.53	0.0187	39.1	0.6669	0.0242	0.3534	0						
06922	60	61	1		370	9.53	12.7	19.9	0	0	16.9	266.9	0.7602	0	0	0	0	63.7	0	0	1.97	12.9	1.924	0.0543	56	130	0.0825	41.29	0.0098	33.9	0.6747	0.016	0.2859	0						
06923	61	62	1		280	5.79	12.9	21	0	0	14.6	212.8	0.6749	0	0	0	0	100	0	0	0	14.4	1.255	0.0621	52	116	0.1259	61.47	0.0319	41.2	0.632	0.0265	0.3639	0						
06924	62	63	1		450	10.9	12.4	61.2	0	0	21.4	201.4	0.8805	0	0	0	0	73.6	0.519	0	0	12.6	1.321	0.0567	55.3	134	0.103	29.57	0.0153	31.9	0.6204	0.0216	0.3533	0						
06925	63	64	1		300	7.74	13.7	34.6	0	0	19.6	244.3	0.8715	0	0	0	0	69.2	0	0	0	10.8	1.694	0.0588	51	140	0.0829	29.6	0.0086	35	0.603	0.0191	0.2974	0						
06926	64	65	1		150	8.81	12.5	14.8	0	0	20.6	220.5	0.9553	0	0	0	0	88.4	0	1.44	0	11.5	1.52	0.0572	50.4	139	0.0785	26.73	0.0151	34	0.5768	0.0235	0.3162	0						
06927	65	66	1		160	6.5	12.9	15.2	0	0	17.2	213.2	0.7502	0	0	0	0	106	0	1.3	0	10.8	1.392	0.0586	45.7	86.2	0.0965	42.67	0.0279	39.7	0.4541	0.02	0.2649	0						
06928	66	67	1		200	10.2	17.3	144	0	0	17.8	211.6	0.7798	0	0	0	4.99	135	0.654	0	0	15.1	1.17	0.0588	55	162	0.1261	47.81	0.0435	42.1	0.7298	0.0299	0.386	0						
06929	67	68	1		250	6.32	15.4	19	0	0	19.2	239.7	0.8741	0	0	0	0	96.5	0	2.06	1.97	13.7	1.346	0.0588	52	142	0.11	35.28	0.0242	42.4	0.6576	0.0305	0.3959	0						
06930	68	69	1		580	7.21	13.6	20.4	0	0	15.8	222.7	0.7052	0	0	0	4.73	115	0	0	0	12.6	1.233	0.0573	49	153	0.1221	65.26	0.0382	44	0.7046	0.0291	0.3877	0						
06931	69	70	1		100	6.5	12.9	20.1	0	0	14.3	236.3	0.6672	0	0	0	0	100	0	1.51	0	13.3	1.337	0.0666	56.7	146	0.1303	77.25	0.028	40.8	0.6969	0.0294	0.4007	0						
06932	70	71	1		300	4.36	13.7	14.8	0	0	16.4	230.1	0.8045	0	0	0	0	73.9	0	1.65	0	11.1	1.209	0.0642	49	156	0.1043	38.81	0.013	38.3	0.5919	0.029	0.3786	0						
06933	71	72	1		390	13.4	21.2	13.7	0	0	13	208.8	0.5586	0	0	0	0	89.5	0	0	0	10.8	1.463	0.0551	52.7	77.3	0.0897	64.76	0.0186	37	0.4613	0.0194	0.2706	3.88						
06934	72	73	1		110	7.39	9.93	12.5	0	0	10.8	172.4	0.4538	0	0	0	0	72.1	0	1.03	0	9.34	1.175	0.0457	47.1	114	0.096	91.64	0.0143	27.9	0.5604	0.0184	0.285	0						
06935	73	74	1		210	12.3	13.9	28.6	0	0	14.6	239.1	0.6514	0	0	0	0	87.1	0	1.03	0	13.7	1.638	0.0602	57.7	120	0.1279	79.99	0.0159	33.3	0.7629	0.0219	0.3362	0						
06936	74	75	1		530	10.1	25	18.4	0	0	15.4	238.1	0.6867	0	0	0	0	104	0	0	0	12.9	1.587	0.0595	53.4	160	0.1061	59.85	0.0193	45.3	0.6941	0.0295	0.3846	0						
06937	75	76	1		190	9.7	19.2	51.4	0	0	16.2	224.2	0.7155	0	0	0	0	87.9	0	0	0	10.4	1.338	0.0599	55	156	0.0944	51.66	0.0171	39.5	0.6523	0.0259	0.4123	0						
06938	76	77	1		400	7.74	13.2	81.4	0	0	12.5	206.9	0.5533	0	0	0	0	94	0	0	0	13.3	1.17	0.0561	51.4	130	0.126	79.18	0.0217	44.6	0.5579	0.03	0.388	0						
06939	77	78	1		660	8.99	10.9	18.9	0	0	14.4	218.7	0.6084	0	0	0	0	105	0	0	0	10.8	1.545	0.0551	52.4	95.6	0.0888	50.73	0.0115	46.6	0.4138	0.0221	0.2851	0						
06940	78	79	1		640	5.7	15	11.2	0	0	20.7	190.3	0.9213	0	0	0	0	77.5	0	0	0	10.1	1.135	0.0539	49.7	157	0.0859	24.58	0.0116	42.3	0.6049	0.0317	0.4097	0						
06941	79	80	1		310	5.25	12.7	14.5	0	0	19.2	190	0.7995	0	0	0	0	88.2	0	1.37	0	12.2	1.056	0.0534	49	151	0.1174	36.67	0.0216	39.6	0.5839	0.0306	0.3871	0						
06942	80	81	1		380	4.18	12.7	74	0	0	23	215	1.102	0	0	0	0	58	0	0	3.28	9.7	0.9436	0.0558	46.4	136	0.0714	17.65	0.0082	38.3	0.5277	0.0221	0.3395	0						
06943	81	82	1		320	3.38	22.9	26.9	0.6	0	18.5	217.7	0.8843	0	0	0	0	57.9	0	0	0	7.54	0.9925	0.0629	50.4	141	0.076	23.26	0.0079	45.9	0.574	0.0183	0.3863	0						
06944	82	83	1		140	8.28	16.7	112	0	0	17.6	236	0.7864	0	0	0	0	73.6	0.763	2.54	2.63	10.1	1.324	0.061	60.3	140	0.0992	38.16	0.0161	41.2	0.7144	0.0221	0.3806	0						
06945	83	84	1		430	4.63	14	36.7	0	0	19.6	191.8	0.8555	0	0	0	0	56.5	0	0	0	9.34	0.8705	0.0515	50.4	180	0.0957	30.75	0.0161	42.2	0.6107	0.0271	0.3745	0						
06946	84	85	1		490	6.5	12.4	60.6	0	0	37.5	209.7	1.275	0	0	0	15	58	0	0	0	11.1	0.8678	0.0487	44.1	189	0.0898	16.55	0.0161	45.6	0.5933	0.0281	0.3716	0						
06947	85	86	1		120	11.8	13.9	27.9	0	0	16.7	201.1	0.7614	0	0	0	0	102	0	1.23	0	12.6	1.09	0.0548	54.3	147	0.1255	54.01	0.0302	44.9	0.6988	0.0308	0.3894	0						
06948	86	87	1		560	4.09	12.2	34.7	0	0	16.1	201.4	0.7535	0	0	0	0	64	0	0	0	11.9	0.9062	0.0604	51.7	155	0.14	45.11	0.0231	47	0.6881	0.0269	0.4232	0						
06949	87	88	1		160	14.1	35.1	66.2	0	0	15.9	200.8	0.7613	0	0	0	0	95.7	0	1.58	16.4	12.6	0.9886	0.0624	57	171	0.1287	52.83	0.0338	44.8	0.8778	0.0269	0.4368	0						
06950	88	89	1		210	2.76	17.3	49.6	0	0	16.9	196.8	0.7837	0	0	0	0	29.9	0	0	0	8.98	0.5896	0.0623	49	140	0.0897	28.03	0	36.1	0.7361	0.0109	0.2897	0						
06951	89	90	1		200	9.88	16.5	24.9	0	0	22.8	224.8	1.108	0	0	0	9.996	68.6	0	0	1.31	10.8	1.212	0.0625	53.7	160	0.1008	22.07	0.0156	36.3	0.8786	0.0168	0.3735	0						
06952	90	91	1		350	6.14	14.4	40.4	0	0	14.1	195.2	0.6174	0	0	0	0	122	0	0	0	12.2	1.122	0.056	52	133	0.134	85.83	0.0467	37.7	0.7385	0.0288	0.3805	0						
06953	91	92	1		220	5.52	26.4	108	0	0	21	185.9	0.9959	0	0	0	0	65	0.836	2.88	4.6	7.9	0.9714	0.0475	44.7	113	0.076	19.91	0.0175	44	0.4205	0.0151	0.2366	0						
06954	92	93	1		230	2.23	15.3	36.5	0	0	18.5	181	0.8555	0	0	0	0	42.9	0	2.33	4.92	8.98	0.7782	0.0721	42.1	138	0.0867	23.52	0.0102	38.3	0.556	0.0177	0.3766	0						
06955	93	94	1		550	6.94	19.1	56.5	0	0	20.4	221.1	0.9643	0	0	0	20	68.8	0	0	3.61	11.1	1.131	0.0584	49.7	152	0.0876	24.41	0.0176	37.6	0.6593	0.0246	0.3687	0						
06956	94	95	1		410	11.3	22.6	33.5	0	0	14.2	208.2	0.6515	4	0	0	0	69.4	0	0	0	14	1.12	0.0547	53.4	147	0.1713	45.07	0.0248	45.3	1.063	0.0218	0.3969	0						
06957	95	96	1		200	4.36	21.4	38.2	0	0	15.1	234.4	0.7026	1	0	0	0	35.1	0	0	0	10.8	1.245	0.0498	51	120	0.1316	36.67	0.0093	37.4	1.17	0.0112	0.2908	0						
06958	96	97	1		220	6.86	17.9	114	0	0	12.5	112.8	0.4932	1	0	0	0	20.4	0.804	1.37	1.31	7.19	0.5492	0.051	44.8	154	0.0609	56.41	0	37.1	0.9118	0.0102	0.2568	0						
06959	97	98	1		170	9.26	26.7	52.1	0	0	14.1	209.7	0.6028	0	0	0	0	82.9	0	1.17	6.57	8.26	1.175	0.0493	50	132	0.0811	50.87	0.0158	43.1	0.5895	0.0212	0.334	0						
06960	98	99	1		260	5.88	15.7	54.9	0	0	12.8	198.3	0.5586	0	0	0	0	80.5	0	1.3	2.96	11.9	0.9653	0.0467	47.1	160	0.1007	81.68	0.0217	56.1	0.5921	0.0299	0.3527	0						
06961	99	100	1		220	7.92	16.4	69.3	0	0	15.3	202	0.6776	0	0	0	0	109	0	0	0	11.5	1.126	0.0502	49.7	145	0.1054	51.54	0.0317	60.1	0.662	0.0292	0.359	0						
06962	100	101	1		480	13.9	15	81.8	0	0	18.4	200.1	0.7953	0	0	0	0	113	0.61	0	0	11.9	1.185	0.0556	52	145	0.1177	45.3	0.0355	45.7	0.7172	0.031	0.3777	0						
06963	101	102	1		360	9.88	12.1	16.8	0	0	13.7	189.3	0.628	0	0	0	0	81.6	0	1.17	0	11.1	1.065	0.0485	48.4	155	0.0946	58.44	0.0199	57.4	0.5803	0.0292	0.3513	0						
06964	102	103	1		40	7.3	14.4	16.4	0	0	11.1	177	0.4892	0	0	0	0	107	0	3.29	0	10.1	1.177	0.0424	43.7	142	0.0862	243.3	0.025	0	0.534	0.0368	0.3207	0						
06965	103	104	1		330	5.52	13.2	14.4	0	0	16.9	206.6	0.6162	0	0	0	0	70.9	0	0	0	8.26	1.078	0.0425	38.4	85.1	0.0731	52.27	0.0153	45.1	0.3475	0.0196	0.203	0						
06966	104	105	1		1350	6.94	11.7	12.4	0	0	21	184.1	0.7942	0	0	0	0	69.4	0	0	0	10.8	1.005	0.0402	43.4	216	0.0737	22.95	0.0119	47.3	0.5655	0.0319	0.3624	1.13						
06967	105	106	1		360	8.64	11.5	14.6	0	0	15.1	197.7	0.7118	0	0	0	0	102	0	0	0	14.4	1.284	0.0487	50.7	148	0.099	45.91	0.0263	40.6	0.692	0.0352	0.4049	0						
06968	106	107	1		480	6.5	33.7	48.8	0	0	12.7	293.1	0.5874	0	0	0	0	97	0	0	0	11.1	1.587	0.0551	58	171	0.078	46.81	0.0075	56.5	0.7326	0.0241	0.4314	0						
06969	107	108	1		250	9.35	20.3	54.2	0	0	12.5	197.4	0.5885	0	0	0	0	81	0	1.3	0	11.5	1.198	0.0444	50.7	169	0.0795	53.16	0.0132	66.6	0.6418	0.0308	0.3748	0						
06970	108	109	1		190	8.46	42.7	224	0	0	11.9	174.5	0.5165	0	0	0	0	61.9	1.53	1.44	0	7.54	0.9972	0.0398	46.4	130	0.062	50.53	0.0094	61.4	0.5776	0.0228	0.3316	0						
06971	109	110	1		770	8.46	14.8	79.7	0	0	12.7	172	0.5767	1	0	0	0	55	0.637	0	0	8.62	0.8832	0.0338	45.7	200	0.0503	46.07	0.0061	54.3	0.489	0.0199	0.2914	4.77						
06972	110	111	1		3360	7.65	9.12	94.8	0	0	12	192.7	0.5165	2	0	0	0	48.4	0.733	0	0	10.1	0.9217	0.0383	49.4	184	0.0761	51.47	0.0074	56.2	0.6893	0.0206	0.3528	22.6						
06973	111	112	1		1020	8.55	11.4	55.4	0	0	18.8	176.4	0.8584	0	0	0	0	49.9	0.546	0	0	6.47	0.9162	0.0403	52.7	147	0.0443	23.7	0	62.3	0.5614	0.0195	0.3358	6.43						
06974	112	113	1		1730	11.2	8.63	25.6	0	0	11.9	143.9	0.4499	1	0	0	0	50.8	0	0	0	10.4	0.7296	0.031	43.7	148	0.0681	79.66	0.01	61.3	0.5088	0.0263	0.301	3.81						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
06975	113	114	1		580	11.1	32.5	54.8	0	0	13.7	185.6	0.6369	0	0	0	0	50.8	0	0	16.1	8.26	0.9194	0.0364	48.7	154	0.06	43.97	0.0074	54.4	0.5491	0.0194	0.2922	0						
06976	114	115	1		800	8.1	11.8	69	0	0	11.6	203.6	0.5167	1	0	0	0	76.6	0.531	0	0	10.1	1.101	0.0434	50.7	167	0.1027	47.25	0.0143	49.5	0.7158	0.0322	0.4222	1.58						
06977	115	116	1		350	6.68	11.5	78.3	0	0	14.4	187.2	0.6723	0	0	0	0	86.9	0.657	0	0	11.1	1.068	0.0443	45.4	157	0.1016	45.19	0.0251	42.6	0.7136	0.0293	0.3923	0						
06978	116	117	1		170	6.68	13.6	21.6	0	0	16.1	209.7	0.7642	0	0	0	0	129	0	1.23	0	14.7	1.15	0.0546	51.4	146	0.1443	54.64	0.0483	60	0.8843	0.0386	0.4294	0						
06979	117	118	1		260	11.5	24.4	217	0	0	17.8	230.1	0.8568	0	0	0	0	95.4	1.54	2.06	10.5	13.3	1.492	0.0652	64.6	146	0.1146	27.97	0.0243	66.2	0.8285	0.0247	0.501	0						
06980	118	119	1		480	9.53	18.9	397	0	0	16.1	210.7	0.7458	1	0	0	0	135	2.62	0	1.31	17.2	1.232	0.0621	61	158	0.1623	57.48	0.0555	31.4	0.9988	0.0314	0.5717	168						
06981	119	120	1		270	4.81	19.3	71.8	0	0	19.9	333.9	0.9313	0	0	0	0	119	0.566	0	0	13.3	1.286	0.0603	55.4	157	0.1214	26.04	0.0296	58.9	0.8611	0.0263	0.4563	3.88						
06982	120	121	1		280	5.43	16.1	64.8	0	0	16.6	230.1	0.7603	0	0	0	4.99	72.7	0.519	0	0	11.5	1.086	0.054	56.7	151	0.1059	39.8	0.0226	55.6	0.7997	0.0225	0.4178	0						
06983	121	122	1		200	10.5	26.6	219	0	0	15.2	219.6	0.7104	0	0	0	0	125	1.43	1.65	11.8	15.1	1.333	0.0615	66.3	150	0.1078	59.94	0.0381	53.8	0.783	0.0287	0.4736	0						
06984	122	123	1		720	5.16	15.2	46	0	0	16.2	196.1	0.7549	0	0	0	0	144	0	0	0	15.8	1.143	0.0601	54	181	0.1557	61.94	0.0577	64.3	0.8611	0.0371	0.4895	0						
06985	123	124	1		160	5.87	14.1	25.5	0	0	16.8	231.6	0.7966	0	0	0	0	101	0	0	0	15.4	1.241	0.0623	51.4	147	0.1465	51.63	0.0389	48.3	0.8906	0.0257	0.4278	0						
06986	124	125	1		480	18.2	44	160	0	0	15.3	228.9	0.7039	1	0	0	0	101	0.98	0	30.9	15.8	1.258	0.0648	65.9	177	0.1662	47.94	0.0378	57.8	0.9186	0.0319	0.5255	0						
06987	125	126	1		210	6.94	17.3	67.1	0	0	18.1	229.8	0.9107	0	0	0	9.995	101	0.551	0	0	14	1.414	0.06	65.3	172	0.118	25.77	0.0265	44.4	0.8713	0.0237	0.4904	1.39						
06988	126	127	1		500	5.25	19.4	234	0	0	17.6	208.5	0.8637	0	0	0	0	92	1.63	0	0	12.9	1.271	0.0605	66.9	197	0.115	28.13	0.0234	56.5	0.9432	0.0241	0.5142	8.95						
06989	127	128	1		510	5.43	26.8	68.1	0	0	16.4	167.7	0.7496	0	0	0	0	54.9	0.502	0	0	9.7	0.8375	0.0547	50.7	180	0.0921	34.28	0.0107	49	0.9403	0.0154	0.3822	0						
06990	128	129	1		260	9.35	31	73.4	0	0	24	244.3	1.068	0	0	0	9.996	59.6	0.683	4.87	0	8.98	1.238	0.0591	62.3	207	0.0628	17.69	0.0081	62	0.8407	0.017	0.4398	0						
06991	129	130	1		260	42.6	25.8	66.7	0	0	18.6	200.7	0.6997	0	0	0	0	68	0.549	2.68	7.22	10.4	1.285	0.0551	56.3	105	0.0892	41.04	0.0127	55.7	0.6684	0.0152	0.2882	0						
06992	130	131	1		160	12.7	24.5	30.6	0	0	13.2	109.7	0.5783	0	0	0	0	25.1	0	1.51	9.85	11.1	0.4837	0.056	49.7	159	0.1193	74.95	0.0116	49.4	1.011	0.0116	0.3352	0						
06993	131	132	1		470	7.75	20.6	47.1	0	0	15	64.01	0.6629	3	0	0	0	19.9	0	0	0	6.83	0.2855	0.0545	48.1	167	0.0544	25.05	0	39.4	0.8663	0.011	0.3104	0						
06994	132	133	1		350	8.37	40.9	149	0	0	19.5	22.86	0.9417	0	0	0	0	15.1	0.968	1.1	12.5	7.19	0.1546	0.0484	34.8	180	0.03	18.2	0	38.5	0.7357	0.0101	0.2759	0						
06995	133	134	1		240	3.38	33.2	52	0	0	20.3	33.37	0.9496	0	0	0	0	12.2	0.516	3.29	0	6.11	0.1937	0.0532	45.4	152	0.0364	17.95	0	37.6	0.6955	0.0099	0.2968	0						
06996	134	135	1		490	3.83	19.3	86.6	0	0	27.3	76.35	1.343	0	0	0	35.03	15.7	0.804	0	1.64	5.39	0.3213	0.0532	41.8	131	0.032	11.7	0	39.4	0.4667	0.0116	0.2648	0						
06997	135	136	1		460	6.23	14.9	290	0	0	17.2	153.5	0.8218	0	0	0	4.99	33.6	1.86	0	2.63	8.98	0.8324	0.0532	59.3	195	0.0558	21.56	0.0058	40.9	0.767	0.0124	0.3748	0						
06998	136	137	1		220	6.59	16.4	190	0	0	21.2	190.6	1.073	0	0	0	0	63.7	1.33	3.98	2.63	12.2	1.124	0.0535	55.7	177	0.07	17.61	0.0113	39.4	0.755	0.0171	0.4034	0						
06999	137	138	1		740	4.54	11.8	116	0	0	17.3	177.9	0.8676	0	0	0	0	84.4	0.962	0	0	12.2	1.028	0.0552	48.7	144	0.0906	24.97	0.0213	40.8	0.6674	0.0206	0.3543	0						
07000	138	139	1		460	2.23	32.8	38.4	0	0	16.5	189.3	0.8217	0	0	0	0	59.2	0	0	0	10.8	0.8836	0.0534	47.4	189	0.0873	29.2	0.0154	40.8	0.7097	0.0192	0.396	0						
07001	139	140	1		170	5.16	16.2	99.1	0	0	17.8	202.6	0.9133	0	0	0	25.01	68.6	0.865	3.98	0	10.4	1.298	0.0514	52.4	172	0.0608	25.04	0.0076	39	0.6992	0.0113	0.3595	0						
07002	140	141	1		260	5.52	23.5	310	0	0	15.3	305.8	0.7654	0	0	0	0	146	2.21	0	2.95	14.7	2.386	0.0673	70.9	154	0.1125	43.57	0.018	31.7	1.383	0.0159	0.5015	0						
07003	141	142	1		350	2.76	13.9	28.5	0	0	18.8	209.4	0.9419	1	0	0	0	87.7	0	0	0	15.4	1.21	0.0649	57.7	197	0.1416	25.51	0.0284	42	0.8555	0.0299	0.489	0						
07004	142	143	1		270	4.27	12.8	25	0	0	18.9	203.9	0.8322	0	0	0	9.994	116	0	1.37	0	13.3	1.296	0.0638	56.7	136	0.1302	38.52	0.0392	41.1	0.7767	0.0267	0.4336	0						
07005	143	144	1		960	17.4	65.4	373	1.2	0	22.5	192.4	1.071	1	0	0	0	67.1	2.6	0	21.7	10.4	1.048	0.0461	58.7	207	0.0767	19.05	0.0122	44.8	0.7272	0.0185	0.4098	0						
07006	144	145	1		440	3.74	12.9	26	0	0	19.4	202.6	0.9158	0	0	0	0	83.2	0	0	0	12.9	1.064	0.0537	49	158	0.1187	25.33	0.0282	36	0.7106	0.0243	0.386	0						
07007	145	146	1		280	17.7	103	452	0.5	0	21.4	228	0.9658	0	0	0	0	105	3.63	4.46	28.6	15.1	1.189	0.0574	55.3	156	0.1078	22.17	0.0267	39.8	0.7462	0.0235	0.413	0						
07008	146	147	1		800	11.6	90.6	85.2	0	0	15.2	264.1	0.7602	1	3	0	0	82.3	0.783	0	13.8	10.4	1.443	0.0579	53	174	0.0877	35.58	0.0104	39.9	0.7364	0.019	0.388	0						
07009	147	148	1		670	6.41	83.1	409	1	0	17.1	195.2	0.8188	0	0	0	0	61.5	3.45	0	0	11.1	1.005	0.06	56.3	238	0.0681	24.23	0.0069	50.4	0.9091	0.014	0.4402	0						
07010	148	149	1		680	91.8	71.6	256	1.9	0	15.3	186.5	0.7324	2	0	0	0	47.8	2.62	24.6	7.22	8.62	0.9089	0.0419	46.1	210	0.0507	29.54	0	39.5	0.5167	0.0119	0.2927	0						
07011	149	150	1		6470	12.8	34.6	232	0.5	0	13.4	139.7	0.5839	3	0	0	23.8	38.2	1.78	0	0	6.47	0.7698	0.0418	42.8	93.6	0.0556	25.2	0	37.1	0.3416	0.011	0.206	13.2						
07012	150	151	1		630	16.8	64.1	1300	0.7	0	14.4	140.8	0.6018	1	0	0	0	43.9	8.47	0	19	8.98	0.7771	0.0437	49.4	166	0.0463	40.9	0	33.9	0.5674	0.0086	0.2922	2.32						
07013	151	152	1		460	11.8	33.4	251	0	0	15.4	102.6	0.6631	1	0	0	0	20.6	1.73	0	14.4	7.19	0.4455	0.0533	53.4	179	0.046	26.05	0	38.5	0.8679	0.0112	0.3248	0						
07014	152	153	1		370	5.52	12.3	52.2	0	0	13.9	186.5	0.6474	0	0	0	0	104	0	0	0	14.7	1.153	0.0531	56.7	162	0.1236	93.72	0.0323	40.1	0.7785	0.0294	0.4238	0						
07015	153	154	1		230	6.59	28.4	121	0	0	18.4	195.2	0.8938	0	0	0	0	74.1	0.936	1.65	2.63	13.3	1.065	0.0584	55.7	183	0.125	36.26	0.0187	38.4	1.058	0.0206	0.4182	0						
07016	154	155	1		520	273	812	1980	2.8	0	17.9	121.8	0.8037	1	0	0	0	25.9	12.1	16.8	884	11.1	0.5088	0.0534	47.4	223	0.0997	25.33	0.0088	37.6	0.9083	0.012	0.3332	0						
07017	155	156	1		250	13.8	48.6	484	0	0	14	207.9	0.6528	0	0	0	0	87.6	3.04	1.99	40.1	10.8	1.331	0.0528	52.7	113	0.0843	37.03	0.0176	38.2	0.511	0.0139	0.278	0						
07018	156	157	1		440	59.7	549	2860	2	0	42.2	151.4	2.159	16	0	0	9.993	25.2	17	3.43	141	7.19	0.3479	0.0411	34.1	189	0.0676	7.29	0	42.5	0.6224	0.0102	0.326	0						
07019	157	158	1		750	12.4	132	310	1.2	0	15.7	409.6	0.6869	1	0	0	0	123	2.04	0	6.24	10.8	1.228	0.0432	46.4	185	0.059	35.36	0	39.8	0.5715	0.0099	0.3623	53.7						
07020	158	159	1		1200	7.48	100	92.2	0	0	14	400.6	0.6489	0	0	0	0	150	0.66	0	0	12.2	1.451	0.0524	57.7	166	0.1089	56.93	0.0246	45	0.6751	0.0235	0.4228	2.77						
07021	159	160	1		430	3.65	171	433	3.3	0	21	732.4	1.07	0	0	0	0	141	2.59	0	7.22	11.1	1.563	0.0434	42.1	165	0.0533	19.64	0	40	0.4975	0.0095	0.3262	0						
07022	160	161	1		240	5.61	44.2	71.1	0	0	18.4	487.4	0.9384	0	0	0	0	132	0	0	0	19.4	1.468	0.0941	53.7	189	0.1913	65.72	0.0487	39.6	0.7662	0.0207	0.5368	0						
07023	161	162	1		350	4.72	37.7	32.6	0	0	29.1	1932	1.578	0	0	0	0	123	0	2.33	0	7.9	1.173	0.055	39.4	140	0.052	10.31	0	47.5	0.5727	0.0111	0.4067	0						
07024	162	163	1		190	5.07	17.7	52.8	0	0	14.4	389.2	0.7	0	0	0	0	95.3	0	1.37	0	12.6	1.234	0.0546	51	163	0.1075	46.3	0.0181	40	0.6781	0.0237	0.4103	0						
07025	163	164	1		170	7.03	16.5	334	0	0	16.4	198	0.7851	0	0	0	0	79.3	2.35	2.33	2.3	11.1	0.9921	0.0475	45.4	151	0.0879	29.42	0.0225	39.3	0.5771	0.0236	0.3648	0						
07026	164	165	1		170	5.34	14.4	29.8	0	0	14.5	196.4	0.6906	0	0	0	0	90.7	0	2.19	0	14.7	1.116	0.0541	53.7	196	0.1247	60.5	0.0309	42.1	0.7165	0.0367	0.4766	0						
07027	165	166	1		450	8.37	12.3	21.7	0	0	16.1	211	0.7864	0	0	0	0	91.2	0	0	0	12.6	1.139	0.0521	49.7	150	0.0981	34.87	0.027	36.9	0.6412	0.0292	0.4191	0						
07028	166	167	1		310	6.85	12.3	16.9	0	0	13.1	187.8	0.6398	0	0	0	0	103	0	0	0	14	1.177	0.0546	56.3	158	0.1138	79.8	0.0366	44.3	0.6602	0.0335	0.4446	0						
07029	167	168	1		480	4.81	12.8	14.3	0	0	13	248.3	0.6542	0	0	0	0	62.6	0	0	0	13.3	1.257	0.0521	55.7	206	0.1178	73.93	0.0184	37.4	0.9359	0.0217	0.3973	0						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
07030	168	169	1		530	7.12	10.3	22	0	0	11.6	181.6	0.5586	1	0	0	0	85.6	0	0	0	13.7	1.079	0.049	54.3	162	0.1192	88.25	0.026	55.6	0.7023	0.0336	0.4168	0						
07031	169	170	1		290	11.4	27.5	20.8	0	0	14.2	174.1	0.6455	0	0	0	0	19.7	0	0	2.3	12.9	0.5602	0.0525	49.1	164	0.1501	46.65	0.0092	46	0.9766	0.011	0.3193	0						
07032	170	171	1		110	5.52	15	26.6	0	6.53	13.4	240.3	0.6618	0	0	0	0	80.4	0	1.92	0	10.4	1.307	0.0601	59	158	0.1132	77.12	0.0175	58.6	0.8587	0.0217	0.4272	0						
07033	171	172	1		320	2.76	13.9	28.5	0	0	18.8	209.4	0.9419	1	0	0	0	87.7	0	0	0	15.4	1.21	0.0649	57.7	197	0.1416	25.51	0.0284	42	0.85	0.0299	0.489	0						
07034	172	173	1		310	8.55	13.3	15	0	5.33	12.9	203.9	0.6214	0	0	0	0	102	0	0	0	16.9	1.255	0.057	54.7	201	0.1222	124.9	0.0278	57.5	0.6908	0.0317	0.3972	0						
07035	173	174	1		230	8.63	13	33.4	0	0	10.5	207.6	0.5127	0	0	0	0	61.7	0	1.92	0	10.8	1.051	0.0594	53	153	0.0964	98.14	0.0137	59.1	0.6234	0.0223	0.3647	0						
07036	174	175	1		220	6.14	14.4	11.8	0	0	9.22	159.1	0.4094	0	0	0	0	60.3	0	1.58	0	7.54	0.9125	0.0426	41.1	104	0.0814	239.7	0.0104	56.2	0.3147	0.0198	0.2051	0						
07037	175	176	1		230	4.36	10.2	11.2	0	0	10.3	163.4	0.4563	0	0	0	0	64.3	0	1.51	0	8.62	0.889	0.0434	46.1	195	0.0875	281.2	0.011	56.6	0.4896	0.0311	0.3248	0						
07038	176	177	1		220	2.58	13.2	14.7	0	0	12.1	183.2	0.5899	0	0	0	0	74.1	0	1.44	0	11.5	0.9736	0.0506	47.4	131	0.1018	96.47	0.0214	83.3	0.562	0.0301	0.3458	0						
07039	177	178	1		580	10.4	13.8	28.9	0	0	16	243.2	0.5614	1	2	0	0	82.8	0	0	0	16.4	1.136	0.0639	48.3	132	0.1177	71.02	0.024	77.6	0.6266	0.0262	0.3611	0						
07040	178	179	1		390	5.44	10.7	13.9	0	0	14.2	207.4	0.5595	0	21	0	0	81.5	0	0	0	11.2	1.026	0.0504	50	131	0.1093	68.77	0.0233	80.1	0.5934	0.032	0.3524	0						
07041	179	180	1		560	5.14	10.3	19	0	0	17.5	188.3	0.679	0	16	0	31.1	78.7	0	0	0	14.7	1.006	0.0538	56	124	0.1521	33.05	0.0357	94	0.6866	0.0358	0.4385	0						
07042	180	181	1		420	6.81	33.7	19	0.6	0	13.3	152.7	0.5037	0	0	0	8.65	55.8	0	0	0	9.53	0.7613	0.0385	40.7	121	0.1046	49.6	0.0226	80.8	0.4897	0.0283	0.3049	0						
07043	181	182	1		630	5.17	12.3	19.1	0	0	11.8	118.3	0.4243	0	0	0	28.6	35.7	0	0	0	6.85	0.5192	0.0359	43.5	138	0.0713	57.85	0.009	80.5	0.5151	0.0253	0.3257	0						
07044	182	183	1		540	5.43	96.5	382	1.8	0	17.5	194.9	0.6067	0	1	0	30.4	60	2.38	0	1	11.7	0.9401	0.0496	47.3	147	0.1275	39.49	0.0205	83.5	0.592	0.0288	0.3469	0						
07045	183	184	1		890	6.66	10.5	19	0	0	12.5	193.2	0.4652	0	0	0	3.05	74.1	0	0	0	12.5	0.9615	0.0512	52.3	122	0.1259	98.27	0.0292	79.3	0.5343	0.0308	0.3464	0						
07046	184	185	1		410	4.58	12	24.2	0	0	11.5	196.4	0.4312	1	0	0	0	75.1	0	0	0	13.2	1.087	0.0511	51.7	102	0.1213	210.8	0.0246	83.6	0.5296	0.0298	0.3258	0						
07047	185	186	1		770	8.97	26	62.9	0	0	11.5	223.1	0.4317	0	0	0	0	72	0.5	0	3	9.86	1.094	0.0511	53.7	120	0.1189	131.4	0.0206	81	0.5669	0.0297	0.3691	0						
07048	186	187	1		190	5.81	8.87	14.6	0	0	10.6	185.5	0.3772	0	0	0	0	68.3	0	0	0	8.02	0.9406	0.0473	48	123	0.112	386.5	0.0172	79.6	0.474	0.0306	0.3222	0						
07049	187	188	1		500	8.08	61.5	846	0.7	0	18.3	241.6	0.7445	0	16	0	6.396	90.1	5.36	0	0	12.7	1.301	0.0546	52.6	97.1	0.1231	27.32	0.0237	74.3	0.5499	0.0293	0.3566	64.6						
07050	188	189	1		250	6.14	13.8	35.8	0	0	12	204.1	0.47	0	0	0	0	86.2	0	0	0	11.7	1.093	0.0532	55.2	118	0.1061	83.96	0.0252	79.1	0.5978	0.0318	0.3755	0						
07051	189	190	1		330	5.25	10	15.7	0	0	13.8	230.7	0.5653	0	0	0	0	82.4	0	0	0	11.1	1.186	0.049	41.4	116	0.0956	85.83	0.0137	43.9	0.4833	0.0265	0.2963	0						
07052	190	191	1		470	4.74	12	16.7	0	0	13	281.3	0.5187	0	0	0	0	46.7	0	0	0	9.82	1.123	0.0579	47.2	104	0.1319	319	0.0113	46.9	0.6745	0.0126	0.2657	0						
07053	191	192	1		220	4.77	11.8	11.3	0	0	18.3	209.9	0.7842	0	0	0	0	89.4	0	0	0	14.1	1.272	0.0572	45.8	104	0.0989	56.58	0.0197	48	0.5155	0.0327	0.3629	0						
07054	192	193	1		350	5.17	10.9	17.9	0	0	14.7	207.8	0.6381	0	0	0	0	84.7	0	0	0	12.4	1.208	0.0554	43	95.1	0.1335	199.6	0.0243	49.5	0.5139	0.0335	0.3585	0						
07055	193	194	1		460	2.51	16.6	30.3	0	0	20.7	971.6	0.9201	0	0	0	5.751	67.8	0	0	0	10.5	1.261	0.0607	49.6	70.8	0.1386	48.78	0.0196	33.5	0.5228	0.0181	0.2846	0						
07056	194	195	1		320	3.23	60	109	0.542	0	20.6	1485	0.9564	0	0	0	0	76	0	0	0	11.8	1.172	0.0569	43	76.9	0.1373	47.73	0.0148	52.2	0.457	0.02	0.2974	0						
07057	195	196	1		870	5.82	10.8	30.1	0	0	15.9	296.6	0.689	0	0	0	0	65.1	0	0	0	12.4	1.011	0.0614	52	72.8	0.1296	70	0.0266	49.1	0.4867	0.0247	0.3132	0						
07058	196	197	1		230	3.4	9.34	15.7	0	8.61	18.3	227.5	0.8427	0	0	0	0	70.3	0	0	0	12.8	1.102	0.0606	44.7	80.7	0.135	41.71	0.0217	41.8	0.512	0.0299	0.3554	0						
07059	197	198	1		370	1.23	10.6	16.7	0	0	25.3	187	1.102	0	0	0	0	67.8	0	0	0	12.8	0.8802	0.0629	41	97.5	0.1382	28.11	0.0295	49.3	0.5785	0.0337	0.3786	0						
07060	198	199	1		1030	110	2880	88.6	20.2	0	19.4	298.9	0.8648	10	0	0	0	98	0.885	0	51.8	9.17	0.9532	0.0395	34.8	90.1	0.1051	47.25	0.0075	57.6	0.4214	0.0189	0.2397	0						
07061	199	200	1		380	5.71	83.5	97	0	0	10.3	222	0.466	0	0	0	0	63.9	0.692	0	0	8.51	0.9446	0.0384	37.9	94.2	0.0905	265.7	0.0063	54.2	0.3745	0.0268	0.2403	0						
07062	200	201	1		500	3.6	19.4	9.42	0	0	7.29	149.8	0.3192	0	0	0	0	45.1	0	0	0	8.52	0.711	0.0224	26.9	94.3	0.0661	284.3	0.0074	54	0.2859	0.0307	0.205	0						
07063	201	202	1		540	3.2	12.6	15.1	0	0	15	374.7	0.6964	0	0	0	0	80.5	0	0	0	11.5	1.137	0.0457	37.3	84.8	0.1221	58.28	0.0163	54	0.4705	0.0286	0.2857	0						
07064	202	203	1		100	2.88	120	26.3	0	2.7	9.35	190.2	0.4135	0	0	0	0	46.9	0	0	0	10.5	0.778	0.0282	32.8	105	0.1516	245.9	0.0196	51.2	0.4856	0.0382	0.2837	0						
07065	203	204	1		80	2.31	12.5	15.5	0	4.65	9.89	164.5	0.4292	0	0	0	0	44.6	0	0	0	9.5	0.6953	0.0248	28.4	97.5	0.1438	226.1	0.0175	54.5	0.428	0.0363	0.2675	0						
07066	204	205	1		120	2.68	12.7	15.8	0	2.59	8.45	175.4	0.3499	0	0	0	0	42.3	0	0	0	9.5	0.7503	0.0221	29.9	83.9	0.1323	221.3	0.0095	51.1	0.3525	0.0327	0.2315	0						
07067	205	206	1		440	2.4	7.89	13.9	0	0	12.4	164.2	0.5286	0	0	0	0	29.1	0	0	0	7.2	0.5406	0.0225	21.7	58	0.1248	221.7	0.0057	54.3	0.2361	0.0199	0.1728	0						
07068	206	207	1		330	5.88	4.97	16.9	0	0	15.9	177.8	0.6482	0	0	0	0	16.7	0	0	0	6.22	0.556	0.0088	22.1	108	0.2063	152.3	0	54.9	0.3143	0.0159	0.2374	0						
07069	207	208	1		480	0	5.87	9.42	0	0	15.5	86.46	0.6772	0	0	0	22.94	9.46	0	0	0	3.6	0.2112	0.006	12.2	72.9	0.0566	103.4	0	41.6	0.1375	0.0102	0.112	0						
07070	208	209	1		390	1.43	20.9	81.2	0	0	14.4	125.8	0.6342	0	0	0	27.4	14.3	0.501	0	0	3.93	0.3266	0.0063	17.7	98.8	0.1091	130.7	0	48.8	0.2142	0.0132	0.1791	0						
07071	209	210	1		380	1.63	11.5	7.6	0	2.78	13.6	74.09	0.5775	0	0	0	0	11.3	0.126	0	0	2.61	0.1871	0.0201	17.7	132	0.0459	128	0	49.9	0.2643	0.0144	0.2199	0						
07072	210	211	1		140	2.92	3.63	22.8	0	0	9.18	191	0.3727	0	0	0	0	17.6	0	0	0	5.89	0.52	0.0064	18	74.2	0.1917	236.5	0	55.2	0.169	0.0135	0.1254	0						
07073	211	212	1		230	7.02	4.39	50	0	2.51	13.2	243.7	0.5653	0	0	0	0	12.8	0	0	0	11.1	0.853	0.0068	26.7	114	0.4376	147.1	0.0177	58.5	0.5499	0.0145	0.4105	0						
07074	212	213	1		470	4.43	9.87	16.4	0	0	9.8	159.2	0.4272	0	0	0	0	13.1	0	0	0	5.89	0.4665	0.005	18.5	133	0.1848	237.3	0	59.2	0.2398	0.0127	0.1895	0						
07075	213	214	1		260	3.43	5.06	12	0	2.19	6.36	114.6	0.2718	0	0	0	0	13.1	0	0	0	3.6	0.3134	0.0051	13.8	114	0.0878	200.7	0	50.6	0.1875	0.0152	0.1267	0						
07076	214	215	1		490	3.14	10.4	8.14	0	0	6.93	81.24	0.2996	0	0	0	0	9.67	0	0	0	2.94	0.1702	0	10.7	140	0.0392	265.8	0	39.7	0.1711	0.012	0.1394	0						
07077	215	216	1		470	4.38	3.43	4.39	0	0	5.18	50.08	0.2276	0	0	0	0	6.52	0	0	0	2.61	0.0912	0	10.3	167	0.019	231	0	44.2	0.1451	0.0107	0.1402	0						
07078	216	217	1		380	2.59	3.49	15.9	0	0	4.76	75.91	0.2115	0	0	0	0	9.31	0	0	0	3.6	0.1714	0	10.9	83	0.0413	268.9	0	48	0.0992	0.0109	0.0846	0						
07079	217	218	1		340	4.2	3.62	19.1	0	0	8.17	226.6	0.3401	0	0	0	0	16	0	0	0	6.88	0.7828	0.005	28.3	83.7	0.2253	192.3	0	54.9	0.2137	0.0131	0.1566	0						
07080	218	219	1		360	3.52	3.96	18.2	0	0	9.06	211.3	0.3912	0	0	0	0	21	0	0	0	4.58	0.7563	0.0057	25.1	135	0.2356	320.1	0	47.2	0.2561	0.0118	0.1958	0						
07081	219	220	1		520	4.95	27	39.9	0	0	6.42	107.7	0.2828	0	0	0	11.7	12.9	0	0	0	4.25	0.2735	0	12.8	159	0.0531	381.5	0	51.3	0.1477	0.0109	0.1246	0						
07082	220	221	1		330	5.81	8.75	30.6	0	0	11.8	268	0.4599	0	0	0	0	20.8	0	0	0	8.19	1.005	0.0055	31.9	140	0.3089	256.5	0	60.5	0.2558	0.0145	0.1999	0						
07083	221	222	1		400	4.4	10.7	36.2	0	0	8.4	82.72	0.3362	0	0	0	0	10.7	0	0	0	5.57	0.1796	0.005	22	112	0.0705	248.4	0	54.7	0.2713	0.0138	0.2265	0						
07084	222	223	1		460	7.15	7.73	16.6	0	0	7.92	103.6	0.3379	0	0	0	0	10.1	0	0	0	4.58	0.2203	0	17.1	123	0.062	184.2	0	46.8	0.1961	0.0103	0.1629	0						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
07085	223	224	1		410	2.97	4.84	12.7	0	0	8.8	110.3	0.389	0	0	0	0	10.3	0	0	0	5.24	0.2856	0	16.6	112	0.0788	215.4	0	46.8	0.2457	0.0131	0.2048	0						
07086	224	225	1		360	1.63	8	11.6	0	2.11	10.3	135.2	0.4558	0	0	0	0	14.2	0	0	0	5.24	0.3325	0	14.8	96.8	0.0904	295.3	0	48.5	0.2223	0.0128	0.1773	0						
07087	225	226	1		380	1.17	35.5	60.2	0	0	15.9	93.98	0.7278	0	0	0	0	9.4	0.51	0	0	2.62	0.1769	0	8.91	92.6	0.0546	58.6	0	28.1	0.1936	0.0073	0.1578	0						
07088	226	227	1		550	1.66	68.9	233	0	0	13.1	150.5	0.568	0	0	0	17.27	16.8	1.55	0	0	6.22	0.1689	0	14.7	111	0.0617	50.16	0	34.3	0.2209	0.0077	0.174	0						
07089	227	228	1		490	9.03	168	547	0	0	13.3	435.3	0.5771	1	0	0	5.9	43.3	3.21	0	0	5.89	0.5904	0	21.1	100	0.1902	57.32	0	37.4	0.221	0.0072	0.2061	0						
07090	228	229	1		190	3.35	39.9	64.3	0	4.14	12.7	391.3	0.5593	0	0	0	0	29.3	0.507	0	0	7.86	0.7884	0.0051	23.5	134	0.2419	296.6	0	39.1	0.2399	0.0081	0.2044	0						
07091	229	230	1		540	5.14	77.5	94.8	0	0	11.2	115.4	0.4796	0	0	0	0	12.8	0.739	0	0	4.91	0.2451	0	15.3	125	0.0849	206.8	0	32.5	0.1939	0.0078	0.1691	0						
07092	230	231	1		280	2.68	6.89	12.1	0	1.31	11.8	164.2	0.5185	0	0	0	0	14.3	0	0	0	4.58	0.491	0.0057	18.6	134	0.1475	249.3	0	40.2	0.2176	0.0136	0.1587	0						
07093	231	232	1		330	2.17	4.97	14.5	0	0	10	171.7	0.4369	0	0	0	0	14.5	0	0	0	5.24	0.4655	0.0064	21.7	104	0.1657	260.4	0	34.6	0.2536	0.0155	0.1922	0						
07094	232	233	1		440	3.03	4.23	10.4	0	0	7.07	98.05	0.3091	0	0	0	0	10	0	0	0	5.24	0.2227	0.0063	19.1	108	0.0814	195.1	0	32.4	0.1858	0.0138	0.1719	0						
07095	233	234	1		490	0	37.2	31.5	0.6974	0	21.2	75.48	0.9497	0	0	0	0	10.5	0	0	0	2.94	0.203	0.0058	14.1	96.7	0.05	25.36	0	32	0.1907	0.0101	0.161	0						
07096	234	235	1		610	0	8.97	3.47	0	0	24.8	48.29	1.147	0	0	0	22.93	5.69	0	0	0	5.57	0.1461	0.0069	13.3	101	0.0401	29.75	0	31.9	0.2399	0.0099	0.1915	0						
07097	235	236	1		550	0	5.67	5.7	0	0	17.9	68.59	0.7999	0	0	0	0	8.74	0	0	0	3.6	0.1541	0.0124	14.3	77.1	0.057	86.35	0	30.2	0.2962	0.014	0.2289	0						
07098	236	237	1		570	1.34	2.95	14.8	0	1.21	10.2	87.92	0.4305	0	0	0	0	11.8	0	0	0	6.88	0.1747	0	19.6	67.9	0.1209	178.6	0	32.7	0.2993	0.0188	0.2533	0						
07099	237	238	1		590	4.17	16.7	42.7	0	0	11.3	176.4	0.4546	0	0	0	17.2	13.2	0	0	0	5.57	0.3312	0	20.3	91.4	0.1301	232.3	0	34.8	0.2649	0.0142	0.2098	0						
07100	238	239	1		460	6.77	6.42	21	0	1.59	13	257.3	0.5646	0	0	0	0	16.7	0	0	0	10.8	0.8213	0.0108	27	104	0.3604	164.3	0.0235	38.1	0.4985	0.0176	0.3667	0						
07101	239	240	1		730	2.26	3.76	11	0	0	9.86	113.5	0.4174	0	0	0	5.795	13.1	0	0	0	5.24	0.2494	0	19.3	83.6	0.1711	203.9	0.0071	35.8	0.2709	0.0214	0.2326	0						
07102	240	241	1		700	1.6	3.56	10.6	0	1.47	10.2	110.2	0.4168	0	0	0	0	12.6	0	0	0	6.22	0.242	0	19	86.5	0.1719	210.5	0.0069	36.3	0.2785	0.022	0.2392	0						
07103	241	242	1		80	1.29	2.34	9.79	0	0	9.34	113.3	0.3819	0	0	0	0	11	0	0	0	5.89	0.3084	0	19.5	84	0.1524	142.2	0.0069	34.6	0.2524	0.0208	0.2075	0						
07104	242	243	1		970	0	5.03	47.2	0	0	16.7	82.14	0.7167	0	0	0	0	9.62	0	0	0	5.89	0.1973	0.007	15.9	77.8	0.0805	122.3	0	34.8	0.2889	0.016	0.2261	0						
07105	243	244	1		580	1.6	3.82	13.2	0	0	11.4	132.1	0.4838	0	0	0	11.47	12.1	0	0	0	8.51	0.2781	0.0067	23	74.1	0.1668	179.8	0.0106	32.7	0.3758	0.0193	0.2763	0						
07106	244	245	1		230	1.4	4.5	14.3	0	0	14.9	207.2	0.6434	0	0	0	0	17.6	0	0	0	7.53	0.716	0.0105	25.5	97.9	0.2314	182.7	0.0075	30.2	0.4008	0.0162	0.2721	0						
07107	245	246	1		590	9.18	71.3	27.2	1	0	14.8	193.6	0.6454	0	0	0	0	18.3	0	0	0	4.58	0.555	0.0062	18.8	84.9	0.1959	150.6	0	31	0.2612	0.0101	0.1893	11.2						
07108	246	247	1		1140	2.78	2.76	21.9	0	0	8.5	109.4	0.3523	0	0	0	11.53	15.9	0	0	0	4.58	0.2937	0.007	15.7	107	0.0843	267.9	0	31.7	0.1907	0.0174	0.1604	1.21						
07109	247	248	1		1260	3.43	2.39	18.2	0	0	11	146.4	0.4418	0	0	0	0	14.8	0	0	0	7.86	0.3782	0.0055	19.5	92.3	0.1516	199.9	0.0074	36.7	0.2857	0.0183	0.2141	0						
07110	248	249	1		650	3	4.87	55.2	0	0	11.2	129.9	0.4714	0	0	0	20.5	15	0	0	0	7.21	0.3973	0.0089	19.3	90.6	0.1414	213.4	0.0069	32.2	0.2803	0.0164	0.2285	0						
07111	249	250	1		570	4.15	5.04	49.9	0	0	11.4	143.5	0.5013	0	0	0	0	16.7	0	0	0	6.22	0.4248	0.0071	23	83.2	0.1592	181.4	0.0069	36.2	0.2983	0.0177	0.2405	0						
07112	250	251	1		590	6.97	5.04	33.2	0	0	14.9	208.4	0.6193	0	0	0	0	18.7	0	0	0	9.82	0.8026	0.0087	26	91.8	0.2406	209	0.0086	35.5	0.4379	0.0148	0.28	0						
07113	251	252	1		480	2.74	4.22	151	0	3.04	14.4	149.7	0.6216	0	0	0	27.1	15.6	0.697	0	0	8.19	0.41	0.0085	18.4	96.3	0.1775	160.1	0.0072	38.2	0.356	0.0198	0.26	0						
07114	252	253	1		410	2.86	3.46	14.9	0	0	11.1	187.2	0.5007	0	0	0	0	17.5	0	0	0	8.52	0.5186	0.0097	20.2	87.3	0.1758	231.4	0.0067	36.1	0.3071	0.0158	0.2359	0						
07115	253	254	1		430	6.98	5.28	17.1	0	1.43	9.3	182.1	0.4176	0	0	0	0	31	0	0	0	8.19	0.5389	0.0177	24.7	98.9	0.1239	507.9	0	31.2	0.2633	0.0192	0.2084	0						
07116	254	255	1		280	3.77	8.26	10.5	0	0	11.4	202.9	0.5525	0	0	0	0	81.1	0	0	0	11.1	1.251	0.0464	44.7	63.8	0.1031	389.6	0.0208	30.6	0.4601	0.029	0.2987	0						
07117	255	256	1		670	3.03	4.04	12.4	0	0	9.38	144.3	0.4196	0	0	0	0	15.5	0	0	0	4.91	0.3583	0.0071	19	82.3	0.1164	234.6	0	29.1	0.2131	0.016	0.1857	0						
07118	256	257	1		610	3.37	6.49	162	0	0	12.1	196.6	0.5187	0	0	0	0	17.1	0.689	0	0	8.19	0.4286	0.0055	18.6	87.3	0.1814	211.8	0.0089	30.9	0.3614	0.0152	0.2682	0						
07119	257	258	1		510	5	8.6	113	0	0	11.2	194	0.4911	0	0	0	3.72	29	0.65	0	0	11.1	0.5257	0.0156	23.8	75.7	0.2201	180.4	0.0193	35.3	0.3958	0.02	0.2598	0						
07120	258	259	1		550	5.89	3.66	16.2	0	0	15.5	158.3	0.6777	0	0	0	0	14.1	0	0	0	5.89	0.4135	0.009	19.2	74.6	0.1651	132.3	0.0051	29.1	0.2866	0.0138	0.2293	0						
07121	259	260	1		740	1.29	3.4	11.2	0	0	10.4	109.1	0.4863	0	0	0	22.99	9.01	0	0	0	7.86	0.2431	0.0083	18.1	79.9	0.1248	130.3	0.0078	30.3	0.3138	0.0163	0.2469	0						
07122	260	261	1		440	2.26	6.74	28.8	0	0	20	195	0.9207	0	0	0	0	12.3	0	1.3	0	7.2	0.4318	0.0053	18.2	84.4	0.1718	71.92	0.0063	32.4	0.3106	0.0144	0.2432	0						
07123	261	262	1		350	4.85	4.74	71.4	0	2.78	16.7	301.2	0.773	0	0	0	0	18.6	0	0	0	9.5	0.8412	0.007	28.2	91.4	0.3198	137.7	0.0098	34.6	0.3877	0.0111	0.2799	0						
07124	262	263	1		560	3.37	2.25	13.5	0	0	10.5	126.1	0.4904	0	0	0	3.56	12.6	0	0	0	3.93	0.3046	0	15.1	86.9	0.1094	132.7	0	27.5	0.1743	0.011	0.1495	0						
07125	263	264	1		540	4.86	4.09	20.1	0	0	11.8	172.5	0.5399	0	0	0	0	18	0	0	0	5.89	0.4635	0	20.2	94.8	0.2133	185.1	0.0057	29.4	0.2949	0.0126	0.2428	0						
07126	264	265	1		700	8.99	3.19	15.8	0	0	8.01	135.3	0.3708	0	0	0	0	14.5	0	0	0	4.25	0.2937	0	16.6	113	0.0983	248.7	0	26.6	0.1633	0.0099	0.1535	0						
07127	265	266	1		830	3.52	2.25	4.14	0	0	8.02	63.09	0.3275	0	0	0	0	10.6	0	0	0	1.96	0.1778	0	13.9	98.9	0.051	198.7	0	25.2	0.1353	0.0101	0.135	0						
07128	266	267	1		550	3.66	3.59	9.48	0	0	10.9	105.3	0.4802	0	0	0	0	10.3	0	0	0	5.24	0.2342	0	17.8	79.1	0.1056	129.2	0	28.7	0.1985	0.0122	0.1705	0						
07129	267	268	1		370	2	6.21	47.5	0	0	13	189.4	0.6005	0	0	0	0	26.2	0	0	0	6.88	0.6619	0.0127	25.9	91.4	0.1834	224.9	0.0062	29.2	0.2864	0.0147	0.2136	0						
07130	268	269	1		350	2.4	3.62	16.5	0	0	9.5	168.4	0.4224	0	0	0	3.71	17.6	0	0	0	7.21	0.538	0	21.5	101	0.1988	236.5	0	27.1	0.2343	0.0128	0.1771	0						
07131	269	270	1		310	2.66	4.49	18.7	0	0	10.8	149.8	0.491	0	0	0	0	13.5	0	0	0	4.91	0.4738	0	17.9	97.1	0.1535	143	0	27.7	0.209	0.007	0.1515	0						
07132	270	271	1		700	4.46	3.87	30.1	0	0	6.51	115.5	0.3236	0	0	0	0	11.4	0	0	0	4.91	0.3012	0	17	113	0.0971	196.5	0	26.6	0.1916	0.0071	0.1419	0						
07133	271	272	1		530	1.92	203	96.4	0	0	19	156.8	0.8464	3	0	0	0	17.9	0.815	0	0	3.27	0.2207	0	11	108	0.0756	24.25	0	26	0.1583	0.0065	0.1331	0						
07134	272	273	1		580	1.89	6.78	9.84	0	0	9.52	93.98	0.4108	0	0	0	5.763	10.8	0	0	0	4.58	0.2826	0	16.4	85.2	0.1073	102.1	0	27.6	0.182	0.0084	0.1352	0						
07135	273	274	1		290	3.28	7.22	12.7	0	3	13.1	145.4	0.5441	0	0	0	5.755	16.7	0	0	0	5.57	0.5168	0	18.7	98.8	0.2043	125.3	0	29.5	0.2441	0.009	0.1829	0						
07136	274	275	1		290	2.72	3.53	5.88	0	2.61	8.1	80.48	0.3602	0	0	0	0	10.8	0	0	0	4.25	0.2522	0	16.1	98.9	0.0885	104.6	0	25.2	0.1929	0.0068	0.142	0						
07137	275	276	1		440	5.63	4.37	11.1	0	0	7.66	163.8	0.3753	0	0	0	0	13.5	0	0	0	7.53	0.5462	0	23.9	90.3	0.2057	113	0	30.5	0.2473	0.0087	0.1784	0						
07138	276	277	1		440	4.8	9.33	18.2	0	0	8.6	120.1	0.4096	0	0	0	0	12.8	0	0	0	5.57	0.3528	0	19.1	82.8	0.1325	120.3	0	25.9	0.2393	0.0086	0.1714	0						
07139	277	278	1		370	1.29	5.43	17.2	0	0	16.2	159.3	0.7322	0	0	0	0	12.2	0	1.13	0	7.53	0.5337	0	20.2	83.2	0.182	110.8	0	26.9	0.263	0.0077	0.1679	0						

Appendix 5.2.7 - 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
SX05012	314.9	270	-45	524920.7	5495057	1851	COMPLETE	7/1/2005	D. L. Pighin

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
07140	278	279	1		390	3.06	4.37	13.6	0	0	13.1	327.8	0.5316	0	0	0	0	14.5	0	0	0	7.2	0.6895	0.0052	19.7	79	0.1927	120.2	0	25.9	0.2337	0.0063	0.1557	0						
07141	279	280	1		870	2.31	3.02	13	0	0	11.2	159.6	0.4779	0	0	0	0	17	0	0	0	7.2	0.5684	0.0052	20.7	102	0.2098	156.6	0	25.5	0.311	0.0096	0.2024	0						
07142	280	281	1		760	1.92	2.17	11.4	0	0	9.06	118	0.4072	0	0	0	0	10.7	0	0	0	6.55	0.3082	0.0054	16.9	70	0.1442	145.3	0	26.9	0.3115	0.0095	0.201	0						
07143	281	282	1		860	1.6	2.89	11.3	0	0	12.9	132.8	0.5649	0	0	0	0	13.4	0	0	0	4.58	0.359	0.0067	17.7	108	0.1416	140.9	0	27.1	0.2164	0.0078	0.1608	0						
07144	282	283	1		370	2.89	2.58	9.85	0	1.61	7.98	117.2	0.3831	0	0	0	0	12	0	0	0	4.58	0.3449	0	13.3	120	0.1178	152.7	0	27	0.1392	0.0062	0.1075	0						
07145	283	284	1		780	3.51	2.61	11.2	0	0	5.73	100.3	0.2913	0	0	0	0	12.1	0	0	0	2.29	0.2941	0	14.6	112	0.1067	210.9	0	25.2	0.1282	0.009	0.1119	0						
07146	284	285	1		560	3	2.83	5.25	0	0	9.82	80.38	0.4559	0	0	0	0	6.76	0	0	0	2.94	0.1794	0	11.7	113	0.0571	131.1	0	24.5	0.1454	0.0082	0.1265	0						
07147	285	286	1		710	1.4	3.13	4.74	0	0	14.7	73.24	0.6809	0	0	0	0	8.96	0	0	0	5.24	0.1866	0	12.4	76.2	0.0628	96.36	0	25.5	0.2396	0.0089	0.1843	0						
07148	286	287	1		320	1.77	2.36	8.09	0	1.51	9.09	118.8	0.4339	0	0	0	0	12.3	0	0	0	5.89	0.3921	0	12.4	81.5	0.1457	141.4	0	22.9	0.177	0.0085	0.134	0						
07149	287	288	1		500	1.46	3.55	9.94	0	0	11.3	117.5	0.5265	0	0	0	0	12.4	0	0	0	4.91	0.3482	0.0075	14.6	77.5	0.14	120.3	0.005	23.8	0.2701	0.0112	0.204	0						
07150	288	289	1		610	1.23	13.8	10.1	0	0	13.8	80.07	0.6272	0	0	0	0	8.22	0	0	0	5.24	0.1844	0.0071	8.78	79.8	0.0614	103.4	0	26.5	0.2147	0.0077	0.1643	0						
07151	289	290	1		780	0	10.2	23.2	0	0	26.1	128.5	1.224	4	0	0	0	7.78	0	0	0	4.25	0.2658	0	10.3	108	0.1056	26.14	0	24.2	0.1704	0.0063	0.1249	0						
07152	290	291	1		520	2.14	5.3	13.7	0	0	15.9	127.3	0.6664	0	0	0	0	11.8	0	0	0	5.24	0.3209	0	16.7	109	0.158	94.83	0	25.4	0.2463	0.011	0.1901	0						
07153	291	292	1		580	2	3.58	10.6	0	0	13.5	131.4	0.6093	0	0	0	0	11.5	0	0	0	6.22	0.3577	0	15.8	104	0.1548	111.7	0	23	0.238	0.0076	0.1789	0						
07154	292	293	1		370	1.92	5.4	11.9	0	2.33	10.7	140.4	0.5049	0	0	0	0	10.9	0	0	0	7.53	0.4308	0	20	145	0.1672	129.8	0.0052	27.2	0.2773	0.0113	0.2016	0						
07155	293	294	1		540	3.15	3.56	8.95	0	0	8.4	101.3	0.4104	0	0	0	6.98	10.8	0	0	0	5.24	0.3542	0	18.5	108	0.142	116.2	0	25.1	0.2402	0.0116	0.1623	0						
07156	294	295	1		1040	5.29	3.73	16.5	0	0	13.1	162	0.5795	0	0	0	0	11.5	0	0	0	7.53	0.4843	0	21	124	0.2058	157.4	0.0053	24.5	0.3086	0.0082	0.204	0						
07157	295	296	1		980	2.35	2.96	17.4	0	0	17.1	186.1	0.707	0	0	0	0	10.3	0	0	0	7.21	0.5446	0.005	17.1	59.3	0.2518	79.9	0.01	28.9	0.2079	0.0069	0.1503	0						
07158	296	297	1		590	2.77	4.47	15.6	0	2.11	19.2	160.4	0.7872	0	0	0	0	12	0	0	0	9.5	0.3873	0.006	17.4	108	0.2491	102.6	0.0162	26	0.4208	0.0133	0.2933	0						
07159	297	298	1		710	3.51	3.28	17.6	0	2.49	16.8	154.9	0.6686	0	0	0	11.7	15.1	0	0	0	8.51	0.3596	0.011	18.8	117	0.1829	113.7	0.0081	22.5	0.3488	0.0122	0.2562	0						
07160	298	299	1		460	4.2	4.74	18.4	0	1.75	11.3	200.6	0.5343	0	0	0	0	21.7	0	0	0	7.21	0.5558	0.007	22.1	125	0.2003	147.7	0.0058	24.6	0.2859	0.0098	0.2202	0						
07161	299	300	1		650	9.36	6.61	29.9	0	2.78	16.8	218.5	0.7471	0	0	0	11.47	26	0	0	0	8.19	0.7017	0.0082	24.2	144	0.2372	149.4	0.0081	28.1	0.3742	0.0104	0.2647	0						
07162	300	301	1		490	6.74	4.57	22.5	0	4.36	19.6	202.1	0.642	0	0	0	0	17.2	0	0	0	9.5	0.4294	0.0052	22.3	98.4	0.3099	119.8	0.0164	29.5	0.3934	0.0159	0.3003	0						
07163	301	302	1		490	6.31	5.6	35.8	0	5.31	14.4	216.8	0.5985	0	0	0	0	21.3	0	0	0	8.51	0.6554	0.0124	26	131	0.2329	125.3	0.01	28.8	0.4637	0.0115	0.2862	0						
07164	302	303	1		400	6.33	10.6	252	0	1.73	14.1	224.1	0.5706	0	0	0	0	20.5	1.55	0	0	8.18	0.7059	0.0059	24.5	67.4	0.2185	125.8	0.0063	28.5	0.3478	0.0083	0.2292	0						
07165	303	304	1		650	5.34	3.6	18	0	0	13.8	156.7	0.569	0	0	0	0	17.3	0	0	0	6.88	0.3794	0.0074	18.2	57.2	0.1706	123.8	0	28.9	0.2603	0.009	0.1985	0						
07166	304	305	1		380	3.94	5.5	22.2	0	0	9.78	120	0.4466	0	0	0	0	14.5	0	0	0	6.55	0.3204	0.0058	20.3	79.5	0.1663	146.8	0.0058	29.8	0.3192	0.0111	0.2368	0						
07167	305	306	1		540	5.23	4.35	28.6	0	2.25	16.2	225.5	0.7448	0	0	0	0	25.5	0	1.18	0	8.51	0.6889	0.008	22.3	142	0.2276	130.3	0.0075	28.8	0.3689	0.0106	0.2609	0						
07168	306	307	1		480	3.09	8.2	23.7	0	0	6.55	106.5	0.3379	0	0	0	0	10.3	0	0	0	3.93	0.2629	0.0056	16.1	84.9	0.06	132	0	28.6	0.1589	0.007	0.1305	0						
07169	307	308	1		570	3.63	8.29	22.5	0	0	10.7	137.1	0.4913	0	0	0	5.778	12.7	0	0	0	5.89	0.3704	0.0052	17.3	88.6	0.1457	95.56	0	31.9	0.2925	0.0085	0.2314	0						
07170	308	309	1		820	3.46	4.77	116	0	0	7.32	116.2	0.3439	0	0	0	0	10.5	0.804	0	0	4.58	0.2684	0	11.4	105	0.0886	121.8	0	29.9	0.1265	0.0066	0.1134	0						
07171	309	310	1		650	4.46	6.18	30	0	0	10.9	188.4	0.4936	0	0	0	0	14.8	0	0	0	7.86	0.4375	0.0065	18.7	95.2	0.1574	146.4	0	27.6	0.2491	0.0074	0.1884	0						

Appendix 5.2.7 - 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*
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

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*
07172	81	82	1		150	4.11	54.6	28.6	0	0	6.67	83.56	0.3314	0	0	0	0	8.39	0	0	0	2.94	0.1739	0	14.1	109	0.0567	130.1	0	29.2	0.1457	0.0077	0.1392	0						
07173	82	83	1		60	196	9.54	53.6	0	14.5	67.7	488.5	3.531	0	0	0	0	8.92	0.591	5.41	7.97	20.6	1.835	0.0242	32.4	58	0.6926	16.25	0.0496	24.2	0.8001	0.017	0.3931	109						
07174	83	84	1		20	102	8.45	54.1	0	11	52	476.4	2.57	0	0	0	0	10.8	0	4.96	3.1	19	1.69	0.0208	34.6	59.3	0.543	20.19	0.0538	20.5	0.9214	0.0136	0.5108	133						
07175	84	85	1		20	49.8	10.2	75.2	0	11.3	60	656.2	3.189	0	0	0	0	11.4	0.538	6.93	0	22.3	1.778	0.0244	32.5	55.6	0.9384	17.1	0.0666	30.6	1.129	0.0117	0.6583	40.2						
07176	85	86	1		10	29.7	13.2	218	0	12.9	33.8	846.8	1.752	0	0	0	0	48.2	1.09	3.83	14.6	21.6	4.353	0.0182	43.3	58.4	0.6666	22.89	0.0478	23.6	0.9243	0.0123	0.5437	125						
07177	86	87	1		10	44.1	15	578	0	17.1	79.3	792	3.876	0	0	0	0	17.7	3.21	7.1	19.5	19.3	3.134	0.0244	40.4	53.9	0.8834	13.04	0.0493	8.09	0.9602	0.0101	0.566	227						
07178	87	88	1		20	52.2	10.2	96.1	0	12.4	61.6	519.2	3.247	0	0	0	11.47	11.4	0.625	5.8	3.1	17.7	1.504	0.0213	30.4	46.5	0.8942	16.54	0.0583	23.7	1.057	0.0107	0.6185	93.3						
07179	88	89	1		10	92.4	11.5	89.1	0	14.1	68.7	498.3	3.601	0	0	0	0	14.3	0.639	6.99	6.19	23.6	1.437	0.0252	30.1	66.3	0.8915	18.13	0.0796	24.3	1.256	0.0147	0.7752	71.8						
07180	89	90	1		10	197	9.57	139	0	16.1	61.9	495.4	3.17	0	0	0	62.98	11.5	0.725	7.1	4.42	17	1.341	0.0182	28.4	58	0.6686	18	0.0642	12.9	0.9767	0.0092	0.5212	57						
07181	90	91	1		20	149	10.3	94.7	0	12.9	70.2	387.9	3.738	0	0	0	0	8.95	0.843	6.99	2.21	18.7	1.18	0.0225	26	56.8	0.7044	8.688	0.0566	23.6	1.033	0.0133	0.6451	58.1						
07182	132	133	1		10	58.5	7.73	64.2	0	10.7	40.6	315	1.995	0	0	0	0	9.19	0	4.68	0	18	0.9735	0.0204	25.6	49.8	0.6422	16.18	0.0627	21.2	0.9179	0.0114	0.6978	40.4						
07183	133	134	1		20	4.31	3.59	12.8	0	5.07	14	110.7	0.6605	0	0	0	0	3.69	0	3.78	0	5.57	0.3841	0	12.9	56	0.1608	19.51	0	20.6	0.2286	0.0064	0.1689	0						
07184	134	135	1		50	1.06	10.2	30.8	0	1.55	9.36	92.01	0.4836	0	0	0	0	5.05	0	2.53	3.1	4.25	0.3044	0.0065	12.3	51.1	0.1262	12.63	0	22.4	0.2504	0.0072	0.1886	0						
07185	135	136	1		30	1.8	3.33	17	0	3.68	18.6	171.5	0.7896	0	0	0	12.1	4.57	0	4.11	0	5.57	0.5871	0	19.2	66.3	0.3017	15.3	0	26.6	0.2568	0.0076	0.1886	0						
07186	136	137	1		20	1.29	4.09	7.26	0	4	11	83.01	0.56	0	0	0	0	3.9	0	3.49	0	5.24	0.2339	0	11.4	60.9	0.1078	7.841	0	25.4	0.1691	0.0069	0.1257	3.34						
07187	137	138	1		10	0	3.59	4.72	0	4.14	12.5	53.27	0.5846	0	0	0	0	2.11	0	4.28	0	3.27	0.146	0	9.04	58.1	0.0727	10.9	0	25.6	0.2435	0.0078	0.1729	3.34						
07188	138	139	1		40	3	3.44	8.6	0	3.64	13.4	77.58	0.6632	0	0	0	0	3.42	0	3.04	0	4.91	0.2262	0	11.7	48.2	0.1335	12.75	0	26.2	0.2874	0.0078	0.2059	8.21						
07189	139	140	1		40	0	9.17	24.5	0	3.12	19.1	81.56	0.8922	0	0	0	0	3.23	0	5.07	0	5.57	0.2389	0	11.8	60.1	0.1276	15.3	0	24.9	0.2976	0.0077	0.2143	0						
07190	140	141	1		10	0	7.76	50	0	4.49	19.1	76.64	0.868	0	0	0	0	1.31	0	4.34	0	3.6	0.2016	0	10.3	45.7	0.0945	19.1	0	20.9	0.2221	0.0065	0.1673	0						
07191	141	142	1		20	2.49	5.54	7.64	0	3.82	13.7	54.43	0.6462	0	0	0	0	1.58	0	4.73	3.1	4.58	0.1205	0.0063	7.78	64.7	0.0616	11.49	0	24.8	0.1784	0.0069	0.1329	0						
07192	142	143	1		10	0	4.02	8.31	0	1.43	12.6	56.43	0.6211	0	0	0	0	1.84	0	4.11	0	2.29	0.1854	0	11.7	57.7	0.0882	18.23	0	25	0.244	0.0075	0.1753	0						
07193	143	144	1		10	1.8	26.2	34.3	1	5.13	29	78.73	1.287	0	0	0	26.8	7.94	0	5.52	7.52	4.91	0.2754	0.0058	14.6	48.2	0.1444	22.06	0	27.2	0.261	0.0077	0.1881	0						
07194	144	145	1		10	2.51	3.86	20	0	4.51	15.4	96.29	0.7364	0	0	0	0	4.97	0	3.94	0	4.25	0.2348	0.0078	11.2	58	0.1543	18.25	0	26.9	0.284	0.0081	0.2166	2.07						
07195	145	146	1		10	2.26	4.63	20	0	1.81	12.3	123.6	0.5937	0	0	0	0	4.52	0	3.95	1.77	3.93	0.4079	0.0096	15.3	41.6	0.1596	26.32	0	22.1	0.2681	0.0072	0.2076	1.09						
07196	146	147	1		10	1.71	3.82	8.99	0	1.65	10.4	77.19	0.5316	0	0	0	0	4.11	0	4.06	0	4.25	0.2558	0.0075	15.4	41.6	0.1098	22.26	0	23	0.2476	0.0072	0.1929	0						
07197	147	148	1		10	2.06	5.9	11.4	0	5.37	23.1	96.91	0.9273	0	0	0	0	3.79	0	4.28	0	5.24	0.3124	0.0078	13.4	38.7	0.1398	27.53	0	21.8	0.2928	0.0073	0.2246	0						
07198	148	149	1		10	0	4	10.1	0	4	16	86	0.68	0	0	0	0	4.35	0	4.34	0	6	0.34	0.01	15	37	0.14	18	0	0	0.24	0.01	0.21	0						
07199	149	150	1		10	3.8	3.74	43.7	0	2.53	3.18	87.29	0.2692	0	0	0	0	4.54	0	3.83	0	6.88	0.3776	0.0112	25.1	46.5	0.1409	18.5	0	14.6	0.2835	0.0052	0.2023	2.38						
07200	150	151	1		10	3.34	3.56	9.98	0	1.65	2.7	114.8	0.2549	0	0	0	0	7.08	0	4	0	3.93	0.482	0.0107	26.9	36.2	0.1137	16.79	0	16.6	0.2526	0.0052	0.1783	1.7						
07201	151	152	1		10	2.37	5.17	12	0	4.73	2.57	72.64	0.2496	0	0	0	0	5.21	0	4.28	0	3.93	0.2687	0.0114	22.5	46.6	0.1145	35.12	0	14.5	0.2591	0.0052	0.1685	2.61						
07202	152	153	1		20	4.97	3.59	12.8	0	0	3.09	85.34	0.2553	0	0	0	0	4.01	0	3.44	0	2.62	0.2292	0.0072	17.7	69.6	0.1058	17.34	0	17.2	0.2044	0.0053	0.1395	7.52						
07203	153	154	1		10	2.75	55.1	22	0	3.2	1.93	91.19	0.225	0	0	0	0	6.39	0	3.1	0	3.27	0.2628	0	20.1	49.1	0.083	57.09	0	14.7	0.1477	0	0.1087	2.01						
07204	154	155	1		10	3.91	18	22.5	0	2.71	3.14	133.6	0.2608	0	0	0	0	5.74	0	4	0	3.27	0.447	0.0071	28	47.8	0.1525	46.66	0	14.1	0.1955	0	0.1373	1.61						
07205	155	156	1		10	2.83	11.1	90.6	0	1.21	2.85	107.1	0.2442	0	0	0	0	6.2	0.563	2.87	0	2.94	0.3712	0.0057	22.5	55.2	0.146	29.63	0	14.8	0.243	0.0055	0.1659	23.7						
07206	156	157	1		10	3.2	4.87	11.2	0	2.94	2.65	91.71	0.2467	0	0	0	0	6.73	0	3.38	0	5.24	0.3354	0.0122	27.6	47.4	0.1331	55.96	0	15.9	0.2212	0.005	0.1382	5.18						
07207	157	158	1		30	8.55	5.51	26.8	0	3.34	2.04	50.95	0.2156	0	0	0	0	2.99	0	3.49	0	3.93	0.1623	0.0135	16.2	53.6	0.0626	49.02	0	15.6	0.2009	0	0.1158	2.97						
07208	158	159	1		10	4.28	3.49	13	0	4.2	3.3	88.19	0.2578	0	0	0	0	3.71	0	4.11	0	2.94	0.1777	0.0091	18.3	59.3	0.0749	46.86	0	14.1	0.2149	0	0.1426	1.05						
07209	159	160	1		10	1.43	2.96	7.56	0	3.88	3.62	74.3	0.2678	0	0	0	0	2.22	0	4.11	0	4.25	0.2252	0.0052	15.6	56	0.2122	16.93	0.0076	17	0.3625	0.0058	0.2625	0						
07210	206	207	1		10	15.6	3.49	14.4	0	3.42	8.93	369.5	0.5233	0	0	0	0	5.34	0	3.66	0	9.82	1.444	0.0108	31.5	32.9	0.633	10.93	0.0094	15.3	0.4415	0.0052	0.2801	0						
07211	207	208	1		10	0	2.35	2.39	0	0	1.6	19.98	0.203	0	0	0	0	0	0	2.87	0	4.58	0.1056	0.01	19.3	51.1	0.0754	7.724	0	15.7	0.1876	0	0.143	0						
07212	208	209	1		20	1.2	6.36	8.22	0	4.21	3.42	20.53	0.2572	0	0	0	0	1.12	0	3.55	0	3.6	0.0561	0.01	16.8	30.9	0.1708	13.05	0.01	15.6	0.4161	0.006	0.2898	0						
07213	209	210	1		10	1.74	1.67	2.16	0	2.21	1.37	5.498	0.202	0	0	0	0	0	0	4	0	2.94	0.0572	0.0106	25.9	34.2	0.0447	9.801	0	14.4	0.2428	0.0056	0.1729	0						
07214	210	211	1		10	0	1.95	2.12	0	1.87	1.79	21.11	0.2048	0	0	0	0	1.17	0	3.44	0	1.96	0.072	0.0058	14.2	49.4	0.0807	8.512	0	14.5	0.2288	0.0053	0.1604	0						
07215	211	212	1		10	0	1.78	1.18	0	1.85	1.35	3.77	0.1864	0	0	0	0	0	0	4.39	0	4.91	0.025	0	13.7	58.9	0.0362	9.052	0	14.6	0.2234	0.0056	0.1557	0						
07216	212	213	1		10	0	1.91	2.17	0	3.58	2.27	8.103	0.2174	0	0	0	0	0	0	3.89	0	3.6	0.0452	0	15.6	95.5	0.0762	7.848	0	14.3	0.226	0.0052	0.1712	0						
07217	213	214	1		10	0	1.79	2.46	0	0	2.66	3.187	0.2367	0	0	0	17.23	0	0	3.66	0	3.6	0.0275	0.0061	16.2	59.3	0.1325	8.896	0	16.3	0.2099	0.0053	0.1584	0						
07218	214	215	1		10	0	4.61	14.4	0	3.1	12.2	75.74	0.5831	0	0	0	4.89	1.12	0	4.28	0	5.89	0.2015	0.0067	10.7	36.2	0.2823	22.72	0.0065	21	0.4282	0.0072	0.3257	0						
07219	215	216	1		10	13.7	6.68	21.9	0	8.55	27.9	260.8	1.193	0	0	0	0	15.2	0	4.11	0	6.88	0.4311	0.0239	15.4	21	0.3552	17.5	0	17.7	0.268	0.0075	0.2291	0						
07220	216	217	1		10	0	3.22	8.04	0	5.55	11.3	74.38	0.5235	0	0	0	0	1.6	0	4.11	0	3.93	0.1595	0.0045	7.78	33.8	0.2036	10.23	0.0075	21.9	0.2296	0.006	0.2001	0						
07221	217	218	1		10	11.5	8.64	25.7	0	11.4	29.5	359.3	1.387	0	0	0	0	9.91	0	5.47	1.33	7.53	0.8086	0.0249	22.2	34.2	0.4762	14.63	0	18.1	0.3083	0.0063	0.2372	0						

Appendix 5.2.7 - 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
SX05013	218.9	90	-50	524829.4	5495333.6	2021	COMPLETE	7/5/2005	D. L. Pighin

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

Appendix 5.2.7 - 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
SX05014	168	270	-45	524825.5	5495334	2021	COMPLETE	7/7/2005	D. L. Pighin

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
07222	122	123	1		10	14.1	5.72	17.6	0	13.3	30.4	176.8	1.295	13	0	0	0	9.46	0	5.8	0	5.57	0.2888	0.0285	13.7	18.6	0.3269	15.15	0	20	0.2438	0.007	0.2024	0						
07223	123	124	1		10	12.7	8.78	26	0	9.03	27.6	159.7	1.272	0	0	0	0	6.15	0	5.18	0	3.93	0.1684	0.0282	13.2	21.4	0.3421	17.73	0	19.2	0.2883	0.0085	0.2292	0						
07224	124	125	1		20	10.2	7.62	23.9	0	8.77	28.7	170.6	1.295	0	0	0	0	8.09	0	5.69	0	6.88	0.1672	0.0361	14.7	25.5	0.3867	33.81	0.0153	24.3	0.4698	0.0102	0.3391	0						
07225	125	126	1		10	14.8	5.2	17.3	0	10.4	26.3	218.3	1.124	0	0	0	2.18	13.1	0	4.45	0	3.27	0.2791	0.0245	13.7	21	0.3279	12.29	0	17.5	0.181	0.0061	0.1581	0						
07226	126	127	1		10	14.6	5.3	18.5	0	13.1	30.4	180.4	1.256	0	0	0	0	5.34	0	6.65	0	5.24	0.1991	0.0266	11.4	21.4	0.3464	16.2	0	17.7	0.2563	0.0067	0.209	0						
07227	127	128	1		10	18.3	3.46	14.4	0	13.9	30.8	110	1.221	0	0	0	0	3.05	0	6.42	0	3.27	0.1259	0.0235	10.4	15.7	0.2894	14.39	0	20.5	0.1315	0.0058	0.1161	0						
07228	128	129	1		10	23.3	6.36	17.7	0	14.5	34	152.1	1.325	0	0	0	0	17.8	0	4.23	1.33	7.2	0.2991	0.0253	13.2	25.1	0.2904	22.53	0	17.5	0.2933	0.0071	0.2342	0						
07229	129	130	1		10	4.08	2.53	2.48	0	3.88	5.68	15.04	0.3465	0	0	0	0	1.47	0	4.34	0	3.27	0.0569	0.0066	6.77	38.3	0.0776	11.2	0	15.1	0.2092	0.0061	0.1773	0						
07230	130	131	1		40	24.2	4.84	16.7	0	14.3	35.6	115.7	1.446	0	0	0	0	4.06	0	4.51	0	5.24	0.1003	0.0233	8.78	20.6	0.358	18.15	0	16.7	0.27	0.007	0.2147	0						
07231	131	132	1		10	57.5	8.05	40.3	0	14.7	55.6	530	2.465	0	0	0	0	95.1	0	5.52	0	9.17	1.662	0.0235	26.7	14	1.048	13.15	0	21.5	0.2092	0.0061	0.1821	0						
07232	132	133	1		20	2.8	4.32	16.2	0	4.2	7.71	54.71	0.4354	0	0	0	0	2.41	0	3.89	0	3.6	0.0924	0.0109	14.8	24.7	0.0412	45.78	0	19.9	0.2828	0.0068	0.1954	0						
07233	133	134	1		10	28.1	160	50.9	2.6	15.1	37.6	184.6	1.548	1	0	0	0	13.2	0	3.89	3.54	4.58	0.2572	0.0283	13.1	21	0.4473	17.98	0	19.6	0.3032	0.0077	0.1955	0						