2005 GEOLOGICAL REPORT

FOR THE

COYOTE CREEK PROPERTY

Fort Steele Mining Division, Southeastern B.C.
Mapsheets 82G093, 82J003
Latitude 50°00' N, Longitude 115°30'W

VOLUME II
APPENDICES

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APPENDIX III

DIAMOND DRILL LOGS

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3.1 Strip Logs
3.1.1 Lithology and Alteration

Hole Name :CY05001

Hole Name :CY05001	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)
5				Casing ?									1841.59
10													1838.61
15				Gypsum ?									1834.94
20													1830.55
25													1825.41
30				Gypsum ?									1819.49
35				Anhydrite ?									1812.76

Scale 1:107	02/08/06	13:12:45

Hole Name :CY05002

Hole Name :CY05002	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)
5	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Gypsum ?									1841.61
10				Gypsum ?									1838.71
15				Arg Dolomite ?									1835.17
				Gypsum ?									
20				Arg Dolomite ?									1830.98
25				Gypsum ?									1826.11
30													1820.53
35				Arg Dolomite ?									1814.22
	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Anhydrite ?									

Scale 1:116	02/08/06	13:12:54

Hole Name :CY05003

Hole Name :CY05003	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)
5	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing ?									1841.76
10				Gypsum 90% white gypsum, 10% micro gypsum clasts									1838.98
15													1835.67
20													1831.79
25				Gypsum 75% gypsum, 25% Dolomite									1827.34
30													1822.30
35				Gypsum 50% gypsum, 50% micro-gypsum, very thin bedded Gypsum Gypsum matrix supported breccia. Angular clasts that range from 1-10cm in size, cut by vnts of gypsum. Abundant salt vugs									1816.64
40				Anhydrite anhydrite matrix support, dolomite clasts can be sharply angular and range from 1cm-20cm									1810.34

Scale 1:134	02/08/06	13:13:02

Hole Name :CY05004

Hole Name :CY05004	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)
5	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Casing									1841.62
				?									
10				Arg Limestone									1838.88
				Gypsum interbed between 5.18-8.8. Thin to thick bedded, irregular vnts and blebs of calcite form weak breccia									
15													1835.62
20				Gypsum									1831.84
				gypsum supported breccia, limestone clasts range between 1-20cm, and are sharply angular to rounded									
25													1827.51
30				Gypsum									1822.61
				massive gypsum with scattered clasts of gypsum									
35				Arg Limestone									1817.13
				crackle breccia, with gypsum or calcite matrix									
40				Arg Limestone									1811.06
				breccia with anhydrite matric. salt zone, salt vugs are present but not abundant, salt is abundantly precipitated on the surface of the core									
45				Anhydrite									1804.37
				med-thin bedded, bedding is distinct but distorted									

Scale 1:140	02/08/06	13:13:10

Hole Name :CY05005

Hole Name :CY05005	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		Casing ?									1866.55
20				Gypsum. Also dark grey bands of calcite seen and minor carbonate, thinly laminated for the most part but with minor brecciation									1859.72
30													1850.87
40													1839.87
50	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Anhydrite contains abundance of dark grey hairline carbonaceous seams Dolomite contains variable anhydrite, and rare dark grey carbonaceous band									1826.61

Scale 1:150	02/08/06	13:13:18

Hole Name :CY05006

Hole Name :CY05006	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		Gypsum ?									
10				Gypsum minor gypsite near surface and trace minor carbonate									1863.80
20				Gypsum ?									1857.01
30				Dolomite ?									1848.22
40				Gypsum ?									1837.31
				Dolomite ?									
				Gypsum contains minor carbonate and variable clay									
				Gypsum ?									
50	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Anhydrite ?									1824.18

Scale 1:152	02/08/06	13:13:27

Hole Name :CY05007

Hole Name :CY05007	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)
5				Casing ?									1865.78
10													1863.00
15				Breccia — Karst type breccia with rounded to sharply angular argilliceous limestone in a calcrete matrix. Matrix is vuggy									1859.66
20				Gypsum — clast supported breccia, 1-3cm and commonly and lense shaped clasts.									1855.76
25				Gypsum — very thin bedded, highly distorted by enterolithic folding									1851.27
30													1846.18
35				Arg Dolomite — Crackle breccia, interbanded clast support breccias. Also contains gypsum in the breccia, rare salt vugs, abundant salt precipitate									1840.46
40				Gypsum — gypsum breccia with agiliiceous dolomite and limestone clasts, Hole should have been drilled a little deeper									1834.10
				Anhydrite — ?									

Scale 1:132	02/08/06	13:13:35

Hole Name :CY05008

Hole Name :CY05008	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)
5				Casing ?									1861.24
10				Dolomite: clast supported breccia, clasts are generaly angular with gypsum matrix									1858.51
				Dolomite: rare argilliceous beds									
15													1855.28
20				Arg Dolomite: Dolomite Marker Horizon, breccia with gypsum matrix									1851.53
25													1847.25
30				Gypsum: gypsum matrix supported with sharply angualr dolomite clasts									1842.41
35				Arg Dolomite: scattered gypsum veinlets									1837.01
				Gypsum: very thin bedded, distorted by enterolithic folds									
40				Gypsum: Salt Zone. very thin bedded, salt vugs are abundant, salt precipitant is abundant on core surface									1831.02
45				Anhydrite: Anhydrite interbedded with argilliceous dolomite, very thin bedded, scattered thin breccia zones									1824.43

Scale 1:143	02/08/06	13:13:44

Hole Name :CY05009

Hole Name :CY05009	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		Casing ?									1857.97
20				Gypsum ?									1851.16
				Arg Dolomite mainly clast suported breccia, clasts are large with ragged edges and veined with white gypsum									
30				Gypsum most argi dolomite clasts range from 1-5cm in size, generaly strongly deformed and have a ragged outline									1842.34
				Arg Dolomite rare gypsum veinlets, very thin bedded, bedding is sharp and flat									
40				Gypsum rare argilliceous dolomite clasts									1831.39
				Arg Limestone mainly clast supported breccia with minimum gypsum matrix									
50	80 70 60 50 40 30 20 10	80 70 60 50 40 30 20 10		Anhydrite Salty zone, anhydrite interbedded with micritic dolomite and thin argillite bed parting. Open salt vugs are abundant as well as salt precipitation on core									1818.19

Scale 1:151	02/08/06	13:13:51

Hole Name :CY05010

Hole Name :CY05010	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)
2.5													1843.79
5				Gypsum ?									1842.44
7.5													1840.83
10													1838.98
12.5													1836.86
15													1834.47
17.5				Breccia								Rubbly core, mainly recent Heterolithic Breccia, with a calcrete matrix, most likely developed in a sink hole developed in the gypsum deposit. Only 2.5m of core recovered	1831.80
20													1828.85
22.5													1825.60

Scale 1:73	02/08/06	13:13:59

3.1.2 Mineralization and Veining

Hole Name :CY05001

Hole Length :35.66	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)					Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
5		Basalt										7326	1841.59
				99.5		0.5		0				7327	
10												7328	1838.61
												7329	
15		Gypsum										7330	1834.94
												7331	
20				99.5		0.5		0				7332	1830.55
												7333	1825.41
25												7334	
30		Gypsum		84		15		1				7336	1819.49
												7337	
		Anhydrite		1		0		0				7338	
35													1812.76

Scale 1:108	02/08/06	13:17:09

Hole Name :CY05002

Hole Length :38.71	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Rock Type	Min Style	Mineralization (%; 0.1 = Trace)					Single Vein Descriptions	Den (/m)	Vein Interval Description	Sample Number	Elevation (m)
5		Casing											1841.61
10		Gypsum		100		0		0					1838.71
15		Arg Dolomite		50		0		0					1835.17
20		Gypsum		100		0		0					1830.98
25		Arg Dolomite		8		0		0					1826.11
30		Gypsum		75		0		0					1820.53
35		Arg Dolomite		10		0		0					1814.22
				75		0		0					
		Anhydrite		25		0		0					

Scale 1:117	02/08/06	13:17:21

Hole Name :CY05003

Hole Length :44.81	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)
5		Basalt											1841.76
10		Gypsum		100		0		0					1838.98
15													1835.67
20													1831.79
25		Gypsum		75		0		0					1827.34
30													1822.30
35		Gypsum		60		5		0					1816.64
40		Anhydrite											1810.34

Scale 1:135	02/08/06	13:17:31

Hole Name :CY05004

Hole Length :46.94	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)
5		Casing											1841.62
				0		0.5		0					
10		Arg Limestone											1838.88
15				60		0		0					1835.62
				5		0		0					
20		Gypsum											1831.84
25				85		0		0					1827.51
				30		0		0					
30		Gypsum		80		0		0					1822.61
35				10		0		0					1817.13
		Arg Limestone		85		0		0					
				45		0		0					
40		Arg Limestone											1811.06
45		Anhydrite											1804.37

Scale 1:142	02/08/06	13:17:42

Hole Name :CY05005

Hole Length :50.29	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)
									15 30 45 60 75			10 20 30 40 50 60 70 80			
10		Gypsum													1866.55
20		Gypsum		100		0		0							1859.72
30		Gypsum													1850.87
40		Gypsum													1839.87
50		Anhydrite Dolomite							75 60 45 30 15			10 20 30 40 50 60 70 80			1826.61

Scale 1:152	02/08/06	13:17:52

Hole Name :CY05006

Hole Length :50.90	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)
10		Gypsum										7339	1863.80
												7340	
												7341	
												7342	
												7343	
20		Gypsum		100		0		0				7344	1857.01
												7345	
												7346	
												7347	
30		Dolomite		50		0		0				7348	1848.22
		Gypsum		100		0		0				7349	
												7350	
40												7351	1837.31
		Dolomite										7352	
		Gypsum		100		0		0				7353	
		Gypsum		50		0		0				7354	
		Anhydrite										7355	
50													1824.18

Scale 1:153	02/08/06	13:18:03

Hole Name :CY05007

Hole Length :44.20	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)
5													1865.78
10													1863.00
15		Breccia											1859.66
20		Gypsum		90		0		0					1855.76
25		Gypsum		85		0		0					1851.27
30													1846.18
35		Arg Dolomite		10		0		0					1840.46
40		Gypsum Anhydrite		75		0		0					1834.10

Scale 1:133	02/08/06	13:18:14

Hole Name :CY05008

Hole Length :47.85	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)
5													1861.24
10		Dolomite		95		0		0				7356	1858.51
		Dolomite		20		0		0				7357	
15				40		0		0				7358	1855.28
				30		0		0				7359	
20		Arg Dolomite		40		0		0				7360	1851.53
25				20		0		0				7361	1847.25
		Gypsum		85		0		0				7362	
30				75		0		0				7363	1842.41
		Arg Dolomite		30		0		0				7364	
35				40		0		0				7365	1837.01
		Gypsum		95		0		0				7366	
40		Gypsum		15		0		0				7367	1831.02
45		Anhydrite										7368	1824.43

Scale 1:144	02/08/06	13:18:24

Hole Name :CY05009

Hole Length :50.60	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)
10													1857.97
20		Gypsum		80		0		0					1851.16
		Arg Dolomite		10		0		0					
30		Gypsum		85		0		0					1842.34
		Arg Dolomite											
40		Gypsum		90		0		0					1831.39
		Arg Limestone		20		0		0					
50		Anhydrite		70		0		0					1818.19

Scale 1:153	02/08/06	13:18:33

Hole Name :CY05010

Hole Length :24.38	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)
2.5									1843.79
5		Casing							1842.44
7.5									1840.83
10									1838.98
12.5									1836.86
15									1834.47
17.5		Breccia							1831.80
20									1828.85
22.5									1825.60

Scale 1:74	02/08/06	13:18:41

3.1.3 Analytical Results

Hole Name :CY05001

Hole Length :35.66	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
5			7326														1841.59
			7327														
10			7328														1838.61
			7329														
15		Gypsum	7330														1834.94
			7331														
20			7332														1830.55
			7333														
25			7334														1825.41
			7335														
30		Gypsum	7336														1819.49
			7337														
		Anhydrite	7338														
35																	1812.76

Scale 1:109	02/08/06	14:00:45

Hole Name :CY05002

Hole Length :38.71	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
5		Casing															1841.61
10		Gypsum															1838.71
15		Arg Dolomite															1835.17
20		Gypsum															1830.98
25		Arg Dolomite															1826.11
30		Gypsum															1820.53
35		Arg Dolomite															1814.22
		Anhydrite															

Scale 1:118	02/08/06	14:00:54

Hole Name :CY05003

Hole Length :44.81	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
5		Caprock															1841.76
10		Gypsum															1838.98
15																	1835.67
20																	1831.79
25		Gypsum															1827.34
30																	1822.30
35		Gypsum															1816.64
40		Anhydrite															1810.34

Scale 1:137	02/08/06	14:01:02

Hole Name :CY05004

Hole Length :46.94	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)
Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O % (25, 50, 75) · CaCO3 % (5, 10, 15, 20, 25) · MgCO3 % (5, 10, 15, 20) · NaCl % (0.05, 0.1, 0.15) · KCl % (0.05, 0.1, 0.15) · SiO2 % (2, 3, 4) · Al2O3 % (0.7, 1.2) · TiO2 % (0.02, 0.03) · MnO % (0.25, 0.5, 0.75) · SrO % (0.09, 0.11, 0.13, 0.15) · BaO % (0.2, 0.4, 0.6, 0.8) · V2O5 % (0.2, 0.4, 0.6, 0.8)	Elevation
5		Casing				1841.62
10		Arg Limestone				1838.88
15						1835.62
20		Gypsum				1831.84
25						1827.51
30		Gypsum				1822.61
35		Arg Limestone				1817.13
40		Arg Limestone				1811.06
45		Anhydrite				1804.37

Scale 1:143	02/08/06	14:01:11

Hole Name :CY05005

Hole Length :50.29	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
10		Gypsum															1866.55
20																	1859.72
30		Gypsum															1850.87
40																	1839.87
50		Anhydrite / Dolomite															1826.61

Scale 1:153	02/08/06	14:01:18

Hole Name :CY05006

Hole Length :50.90	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					75 50 25	25 20 15 10 5	20 15 10 5	0.15 0.1 0.05	0.15 0.1 0.05	4 3 2	1.2 0.7	0.03 0.02	0.75 0.5 0.25	0.15 0.13 0.11 0.09	0.8 0.6 0.4 0.2	0.8 0.6 0.4 0.2	
		Casing															
			7339														
10		Gypsum	7340														1863.80
			7341														
			7342														
			7343														
20			7344														1857.01
		Gypsum	7345														
			7346														
30			7347														1848.22
		Dolomite	7348														
			7349														
		Gypsum	7350														
40			7351														1837.31
		Dolomite	7352														
		Gypsum	7353														
		Gypsum	7354														
		Anhydrite	7355														
50																	1824.18

Scale 1:155	02/08/06	14:01:27

Hole Name :CY05007

Hole Length :44.20	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
5		Casing															1865.78
10																	1863.00
15		Breccia															1859.66
20		Gypsum															1855.76
25		Gypsum															1851.27
30		Gypsum															1846.18
35		Arg Dolomite															1840.46
40		Gypsum Anhydrite															1834.10

Scale 1:135	02/08/06	14:01:35

Hole Name :CY05008

Hole Length :47.85	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
5																	1861.24
10																	1858.51
15																	1855.28
20																	1851.53
25																	1847.25
30																	1842.41
35																	1837.01
40																	1831.02
45																	1824.43

Dolomite 7356
Dolomite 7357
7358
7359
Arg Dolomite 7360
7361
7362
Gypsum 7363
7364
Arg Dolomite 7365
Gypsum 7366
Gypsum 7367
Anhydrite 7368

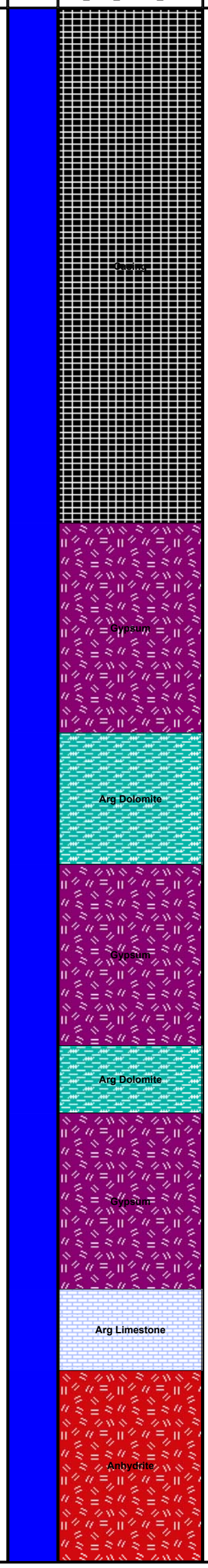
Scale 1:146	02/08/06	14:01:43

Hole Name :CY05009

Hole Length :50.60	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	



10 — 1857.97

20 — 1851.16

30 — 1842.34

40 — 1831.39

50 — 1818.19

Scale 1:154	02/08/06	14:01:51

Hole Name :CY05010

Hole Length :24.38	Hole Azimuth :	Hole Inclination :

Depth (m)	Map Unit	Lithologic Description	Sample Number	Analysis Number	Geochemical Results	Elevation (m)

Depth At	DDH_LITH_UNIT	DDH_LITH_RTYPE_MAJ	DDH_SAMP_SAMP	SAMP_ANAL	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %	Elevation
					25 50 75	5 10 15 20 25	5 10 15 20	0.05 0.1 0.15	0.05 0.1 0.15	2 3 4	0.7 1.2	0.02 0.03	0.25 0.5 0.75	0.09 0.11 0.13 0.15	0.2 0.4 0.6 0.8	0.2 0.4 0.6 0.8	
2.5																	1843.79
5																	1842.44
7.5																	1840.83
10																	1838.98
12.5																	1836.86
15																	1834.47
17.5																	1831.80
20																	1828.85
22.5																	1825.60

Breccia

Scale 1:74	02/08/06	14:01:58

3.1.4 Strip Log Legend

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

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

Legend - Global - Lithology			
Amphibolite		Andesite	
Anhydrite		Aplite	
Argilliceous Dolomite		Argilliceous Limestone	
Argillite		Arkosic Grit	
Breccia		Calc-silicate	
Casing		Collar	
Dacite		Diorite	
Dolomite		Dolomitic Mudstone	
Dolomitic Sandstone		Felsic Intrusive	
Gabbro		Gneiss	
Granite		Granodiorite	
Greenstone		Greywacke	
Gypsum		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 Wacke	
Quartz-Feldspar Porphyry		Quartzite	
Rubble		Sandstone	
Siliceous Limestone		Siltstone	
Skarn		Tonalite	

Legend - Global - Mineralization
?
anhydrite
arsenopyrite
azurite
chalcopyrite
Ga
Au
gypsum
hematite
Ilmt
Mgt
malachite
Mo
native sulphur
none
Py
Po
quartz

3.2 DDH Logs
3.2.2 Lithology

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	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	3.05		Casing							
3.05	29		Gypsum		grey	brownish	medium	laminated	brecciated	
29	32.6		Gypsum	Anhydrite	brown	grey				
32.6	35.66		Anhydrite		bluish	grey	fine			

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	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:*
0	3.66		Casing							
3.66	11.6		Gypsum		grey	brownish				
11.6	16.3		Arg Dolomite	Limestone	grey	brown		brecciated	micritic	
16.3	17.87		Gypsum		grey	brownish				
17.87	22.3		Arg Dolomite	Limestone	brown	white		brecciated		
22.3	32.85		Gypsum	Argilliceous Dolomite	grey	brown		brecciated		
32.85	36.78		Arg Dolomite	Limestone	brown	black		brecciated		
36.78	38.71		Anhydrite	Dolomite	bluish	brownish				

Appendix 3.2.2 - Lithology

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	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:
0	3.05		Casing							
3.05	17.62		Gypsum		white	grey				90% white gypsum, 10% micro gypsum clasts
17.62	30.1		Gypsum	Argilliceous Dolomite	grey	brownish		brecciated		75% gypsum, 25% Dolomite
30.1	32.64		Gypsum		white	grey				50% gypsum, 50% micro-gypsum, very thin bedded
32.64	39.2		Gypsum	Argilliceous Dolomite	grey	brownish		brecciated		Gypsum matrix supported breccia. Angular clasts that range from 1-10cm in size, cut by vnts of gypsum. Abundant salt vugs
39.2	44.81		Anhydrite	Agilliceous Dolomite	bluish	brownish		brecciated	micritic	anhydrite matrix support, dolomite clasts can be sharply angular and range from 1cm-20cm

Appendix 3.2.2 - Lithology

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	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:
0	3.66		Casing							
3.66	14.9		Arg Limestone	Gypsum	greyish	brown		brecciated		Gypsum interbed between 5.18-8.8. Thin to thick bedded, irregular vnts and blebs of calcite form weak breccia
14.9	26.52		Gypsum	Argilliceous Limestone	grey	brown		brecciated		gypsum supported breccia, limestone clasts range between 1-20cm, and are sharply angular to rounded
26.52	34.3		Gypsum	Argilliceous Dolomite	grey	brownish		massive		massive gypsum with scattered clasts of gypsum
34.3	39.7		Arg Limestone	Gypsum	grey	brownish		brecciated		crackle breccia, with gypsum or calcite matrix
39.7	42		Arg Limestone	Argilliceous Dolomite	black	greyish		brecciated	micritic	breccia with anhydrite matric. salt zone, salt vugs are present but not abundant, salt is abundantly precipitated on the surface of the core
42	46.94		Anhydrite	Argilliceous Limestone	bluish	brown			brecciated	med-thin bedded, bedding is distinct but distorted

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	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	7		Casing							
7	44.5		Gypsum		grey			laminated	brecciated	Also dark grey bands of calcite seen and minor carbonate, thinly laminated for the most part but with minor brecciation
44.5	49.59		Anhydrite		bluish	grey		brecciated		contains abundance of dark grey hairline carbonaceous seams
49.59	50.29		Dolomite		brownish	grey	very fine	brecciated		contains variable anhydrite, and rare dark grey carbonaceous band

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	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	14.3		Gypsum		grey			brecciated		minor gypsite near surface and trace minor carbonate
14.3	32.61		Gypsum		light	grey		laminated		
32.61	33.61		Dolomite	Gypsum	grey	brownish		laminated	brecciated	
33.61	42		Gypsum		grey			laminated		
42	44.6		Dolomite		grey	brownish	very fine	laminated	brecciated	
44.6	46.5		Gypsum		grey	light		laminated	brecciated	contains minor carbonate and variable clay
46.5	47.56		Gypsum	Anhydrite	grey	light		laminated	brecciated	
47.56	50.9		Anhydrite		grey	light		laminated		

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	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:*
0	12.19		Casing							
12.19	17.37		Breccia	Argilliceous Limestone	grey	brownish				Karst type breccia with rounded to sharply angular argilliceous limestone in a calcrete matrix. Matrix is vuggy
17.37	22.8		Gypsum	Breccia	grey	white		brecciated		clast supported breccia, 1-3cm and commonly and lense shaped clasts.
22.8	33.33		Gypsum	Limestone	grey	light		brecciated		very thin bedded, highly distorted by enterolithic folding
33.33	42.2		Arg Dolomite	Anhydrite	brown	grey		brecciated		Crackle breccia, interbanded clast support breccias. Also contains gypsum in the breccia, rare salt vugs, abundant salt precipitate
42.2	43.8		Gypsum	Argilliceous Limestone	grey	brownish		brecciated		gypsum breccia with agiliiceous dolomite and limestone clasts, Hole should have been drilled a little deeper
43.8	44.2		Anhydrite		grey					

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	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:*
0	10.67		Casing							
10.67	11.8		Dolomite	Gypsum	grey	white		brecciated		clast supported breccia, clasts are generaly angular with gypsum matrix
11.8	14.33		Dolomite		brownish	grey		laminated		rare argilliceous beds
14.33	26.8		Arg Dolomite	Argilliceous Limestone	brownish	grey		brecciated	laminated	Dolomite Marker Horizon, breccia with gypsum matrix
26.8	32.8		Gypsum	Dolomite	grey	brownish		laminated	brecciated	gypsum matrix supported with sharply angualr dolomite clasts
32.8	38.3		Arg Dolomite		brownish	grey		laminated	brecciated	scattered gypsum veinlets
38.3	39.4		Gypsum		grey	white				very thin bedded, distorted by enterolithic folds
39.4	42.6		Gypsum	Anhydrite	grey	bluish				Salt Zone. very thin bedded, salt vugs are abundant, salt precipitant is abundant on core surface
42.6	47.85		Anhydrite	Argilliceous Dolomite	brownish	grey			brecciated	Anhydrite interbedded with argilliceous dolomite, very thin bedded, scattered thin breccia zones

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	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	16.76		Casing							
16.76	23.6		Gypsum	Argilliceous Dolomite	grey	brownish		massive	lineated	
23.6	27.89		Arg Dolomite	Gypsum	brown	white		brecciated		mainly clast suported breccia, clasts are large with ragged edges and veined with white gypsum
27.89	33.8		Gypsum	Argilliceous Dolomite	grey	brown		massive	laminated	most argi dolomite clasts range from 1-5cm in size, generaly strongly deformed and have a ragged outline
33.8	36		Arg Dolomite	Argilliceous Limestone	brown	dark				rare gypsum veinlets, very thin bedded, bedding is sharp and flat
36	41.75		Gypsum		grey green			laminated		rare argilliceous dolomite clasts
41.75	44.4		Arg Limestone	Argilliceous Dolomite	brown			brecciated		mainly clast supported breccia with minimum gypsum matrix
44.4	50.6		Anhydrite	Dolomite	bluish	grey		brecciated	micritic	Salty zone, anhydrite interbedded with micritic dolomite and thin argillite bed parting. Open salt vugs are abundant as well as salt precipitation on core

Appendix 3.2.2 - Lithology

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	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	12.19		Casing							
12.19	24.38		Breccia							Rubbly core, mainly recent Heterolithic Breccia, with a calcrete matrix, most likely developed in a sink hole developed in the gypsum deposit. Only 2.5m of core recovered

3.2.3 Mineralogy

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3.05	11.28	MASSIVE	gypsum	100	native sulphur	0.5		0	
14.33	29.03	MASSIVE	gypsum	100	pyrite	0.5		0	
29	32.6	MASSIVE	anhydrite	84	gypsum	15	salt	1	
33	33.1	BLEBBY	salt	1		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	D. L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3.66	11.6	MASSIVE	gypsum	100		0		0	
11.6	14.3	VEINLETS	gypsum	50		0		0	
14.3	16.3	VEINLETS	gypsum	5		0		0	
16.3	17.87	MASSIVE	gypsum	100		0		0	
17.87	22.3	VEINLETS	gypsum	8		0		0	
22.3	32.85	MASSIVE	gypsum	75		0		0	
32.85	35.5	VEINLETS	gypsum	10		0		0	
35.5	36.78	MASSIVE	gypsum	75		0		0	
36.78	38.71	BLEBBY	salt	25		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
3.05	17.62	MASSIVE	gypsum	100		0		0	
17.62	30.1	MASSIVE	gypsum	75		0		0	
30.1	32.64	MASSIVE	gypsum	100		0		0	
32.64	39.2	SEMIMASSIVE	gypsum	60	salt	5		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
5.18	8.8	MASSIVE	gypsum	0	pyrite	0.5		0	
14.9	19.1	MASSIVE	gypsum	60		0		0	
19.1	20.8	VEINLETS	gypsum	5		0		0	
26.52	28.7	MASSIVE	gypsum	85		0		0	
28.7	29.7	MASSIVE	gypsum	30		0		0	
29.7	34.3	MASSIVE	gypsum	80		0		0	
34.3	36.5	MASSIVE	gypsum	10		0		0	
36.5	37	MASSIVE	gypsum	85		0		0	
37	39.7	MASSIVE	gypsum	45		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
7	44.5	MASSIVE	gypsum	100		0		0	trace of salt around vugs

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
6.1	32.61	MASSIVE	gypsum	100		0		0	
32.61	33.61	SEMIMASSIVE	gypsum	50		0		0	
33.61	42	MASSIVE	gypsum	100		0		0	
44.6	46.5	MASSIVE	gypsum	100		0		0	
46.5	47.56	SEMIMASSIVE	gypsum	50		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
17.37	22.8	MASSIVE	gypsum	90		0		0	
22.8	33.33	MASSIVE	gypsum	85		0		0	
33.33	42.2	VEINLETS	gypsum	10		0		0	
42.2	44.2	MASSIVE	gypsum	75		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
10	11.8	MASSIVE	gypsum	95		0		0	
11.8	14.33	VEINLETS	gypsum	20		0		0	
14.33	17.37	SEMIMASSIVE	gypsum	40		0		0	
17.37	20.42	SEMIMASSIVE	gypsum	30		0		0	
20.42	23.47	SEMIMASSIVE	gypsum	40		0		0	
23.47	26.8	SEMIMASSIVE	gypsum	20		0		0	
26.8	30.4	MASSIVE	gypsum	85		0		0	
30.4	32.8	MASSIVE	gypsum	75		0		0	
32.8	35.66	VEINLETS	gypsum	30		0		0	
35.66	38.5	VEINLETS	gypsum	40		0		0	
38.3	39.4	MASSIVE	gypsum	95		0		0	
39.4	42.6	VEINLETS	gypsum	15		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*
16.76	23.6	MASSIVE	gypsum	80		0		0	
23.6	27.89	VEINLETS	gypsum	10		0		0	
27.89	33.8	MASSIVE	gypsum	85		0		0	
36	41.75	MASSIVE	gypsum	90		0		0	
41.75	44.4	SEMIMASSIVE	gypsum	20		0		0	
44.4	50.6	MASSIVE	anhydrite	70		0		0	

Appendix 3.2.3 - Mineralogy

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	D.L. Pighin

From (m)	*To (m)*	*Mineralization Style*	*Mineralization 1*	*%*	*Mineralization 2*	*%*	*Mineralization 3*	*%*	*Notes:*

3.2.4 Shear Zone

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	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:*
8.23	28.23	Brittle	0		0		0		0		0		0		0	0	0	0	0	

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	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:
33.61	40.28		45		0		0		0		0		0		0	0	0	0	0	
40.28	42		45		0		0		0		0		0		0	0	0	0	0	

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	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:*

Appendix 3.2.4 - Shear Zones

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	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:*

3.2.5 Structure

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	D. L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
3.05	11.28	bedding	63	
32.6	35.66	bedding	54	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	D. L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
3.66	11.6	bedding	51	
17.87	22.3	bedding	66	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
30.1	32.64	bedding	20	
39.2	44.81	bedding	50	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
3.66	14.9	bedding	45	
26.52	34.3	bedding	55	
42	46.94	bedding	60	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
7.92	14.3	compositional layering	50	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
17.37	22.8	compositional layering	65	
33.33	42.2	bedding	47	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
11.8	14.33	bedding	68	
14.33	26.8	bedding	62	
39.4	42.6	bedding	55	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*
33.8	36	bedding	52	

Appendix 3.2.5 - Structure

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	D.L. Pighin

From (m)	*To (m)*	*Structural Measurement*	*Angle (to CA)*	*Note:*

3.2.6 Veining

Appendix 3.2.6 - Veining - Intervals

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	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:*

Appendix 3.2.6 - Veining - Intervals

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	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:*

Appendix 3.2.6 - Veining - Intervals

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	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 3.2.6 - Veining - Intervals

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	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:

3.2.8 Geochemistry

Appendix 5.2.8 - Geochemistry

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05001	35.66		-90	610734.89	5535492.96	1843.917	COMPLETE	10/12/2005	D. L. Pighin

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %
7326	3.05	5.18	5.13	VA05106512	94	2.13	1.75	0	0.01	1.61	0.3	0.01	0	0.11	0	0
7327	5.18	8.23	3.05	VA05106512	84.6	6.02	5.48	0.01	0.06	2.96	0.54	0.01	0	0.11	0	0
7328	8.23	11.28	3.05	VA05106512	71	13.05	11.4	0.01	0.1	3.52	0.62	0.02	0	0.09	0	0
7329	11.28	14.33	3.05	VA05106512	89.4	3.99	3.83	0.01	0.04	2.07	0.44	0.01	0	0.12	0	0
7330	14.33	17.37	3.04	VA05106512	92.6	2.82	2.54	0	0.02	1.54	0.26	0.01	0	0.11	0	0
7331	17.37	20.42	3.05	VA05106512	95.8	1.34	1.3	0	0.01	1.13	0.21	0.01	0	0.11	0	0
7332	20.42	23.49	3.07	VA05106512	88.8	5.04	4.1	0.01	0.06	1.53	0.3	0.01	0	0.1	0	0
7333	23.49	26.52	3.03	VA05106512	89.6	4.32	3.77	0.01	0.06	1.75	0.36	0.01	0	0.11	0	0
7334	26.52	29.03	2.51	VA05106512	91.9	3	2.94	0.03	0.04	1.52	0.33	0.01	0	0.15	0	0
7335	29.03	29.57	0.54	VA05106512	87.3	5.64	4.82	0.19	0.03	1.28	0.44	0.02	0	0.12	0	0
7336	29.57	30.22	3.65	VA05106512	75.9	10.85	10.05	0.12	0.09	2.18	0.44	0.02	0	0.17	0	0
7337	30.22	32.61	2.39	VA05106512	91.6	3.14	3.15	0.04	0.07	1.54	0.27	0.01	0	0.13	0	0
7338	32.61	35.66	3.05	VA05106512	89.8	4.6	3.88	0.02	0.04	1.21	0.2	0.01	0	0.12	0	0

Appendix 5.2.8 - Geochemistry

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05002	38.71		-90	610727.63	5535481.58	1843.907	COMPLETE	10/13/2005	D. L. Pighin

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Analysis Number*	*CaSO42H2O %*	*CaCO3 %*	*MgCO3 %*	*NaCl %*	*KCl %*	*SiO2 %*	*Al2O3 %*	*TiO2 %*	*MnO %*	*SrO %*	*BaO %*	*V2O5 %*

Appendix 5.2.8 - Geochemistry

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05003	44.18		-90	610719.48	5535466.93	1844.017	COMPLETE	10/13/2005	D.L. Pighin

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Analysis Number*	*CaSO42H2O %*	*CaCO3 %*	*MgCO3 %*	*NaCl %*	*KCl %*	*SiO2 %*	*Al2O3 %*	*TiO2 %*	*MnO %*	*SrO %*	*BaO %*	*V2O5 %*

Appendix 5.2.8 - Geochemistry

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05004	46.94		-90	610709.27	5535453.6	1843.861	COMPLETE	10/14/2005	D.L. Pighin

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Analysis Number*	*CaSO42H2O %*	*CaCO3 %*	*MgCO3 %*	*NaCl %*	*KCl %*	*SiO2 %*	*Al2O3 %*	*TiO2 %*	*MnO %*	*SrO %*	*BaO %*	*V2O5 %*

Appendix 5.2.8 - Geochemistry

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05005	50.29		-90	610676.9	5535525.28	1871.463	COMPLETE	10/15/2005	D.L. Pighin

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Analysis Number*	*CaSO42H2O %*	*CaCO3 %*	*MgCO3 %*	*NaCl %*	*KCl %*	*SiO2 %*	*Al2O3 %*	*TiO2 %*	*MnO %*	*SrO %*	*BaO %*	*V2O5 %*

Appendix 5.2.8 - Geochemistry

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05006	50.9		-90	610666.82	5535500.75	1868.707	COMPLETE	10/15/2005	D.L. Pighin

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %
7339	6.1	7.92	1.82	VA05106512	81	8.5	6.41	0.09	0.05	3.06	0.53	0.02	0	0.07	0	0
7340	7.92	11.3	3.21	VA05106512	76.2	9.57	9.03	0.06	0.06	4.01	0.67	0.03	0	0.11	0	0
7341	11.3	14.3	3.17	VA05106512	77.4	8.63	8.5	0.07	0.1	4.2	0.67	0.03	0	0.1	0	0
7342	14.3	17.22	2.92	VA05106512	88.4	4.81	4.25	0.01	0.05	1.81	0.35	0.01	0	0.1	0	0
7343	17.22	20.42	3.2	VA05106512	82.5	7.6	6.81	0.01	0.09	2.29	0.45	0.02	0	0.1	0	0
7344	20.42	23.47	3.05	VA05106512	87.3	5.5	4.95	0.01	0.06	1.63	0.31	0.01	0	0.1	0	0
7345	23.47	26.52	3.05	VA05106512	89	4.8	4.16	0.01	0.09	1.45	0.27	0.01	0	0.11	0	0
7346	26.52	29.12	2.6	VA05106512	86.3	5.9	5.58	0.01	0.06	1.59	0.28	0.01	0	0.12	0	0
7347	29.12	32.61	3.49	VA05106512	67.9	14.3	12.2	0.02	0.15	4.17	0.84	0.04	0	0.1	0	0
7348	32.61	35.66	3.05	VA05106512	64.7	17.45	14	0.01	0.13	2.73	0.6	0.03	0	0.09	0	0
7349	35.66	38.71	3.05	VA05106512	81	8.24	7.35	0.01	0.09	2.65	0.35	0.01	0	0.11	0	0
7350	38.71	40.28	1.57	VA05106512	78.6	9.53	8.29	0.02	0.1	2.64	0.47	0.02	0	0.1	0	0
7351	40.28	42	1.72	VA05106512	76	11.2	9.38	0.04	0.08	2.39	0.63	0.02	0	0.09	0	0
7352	42	44.6	2.6	VA05106512	48.4	24	21.7	0.04	0.17	4.2	0.99	0.04	0	0.08	0	0
7353	44.6	46.5	1.9	VA05106512	75.8	10.25	9.33	0.06	0.14	3.26	0.78	0.03	0	0.09	0	0
7354	46.5	47.56	1.06	VA05106512	83.3	7.24	6.32	0.04	0.06	2.3	0.42	0.02	0	0.1	0	0
7355	47.56	50.9	3.34	VA05106512	86.7	6.17	4.87	0.02	0.07	1.45	0.49	0.02	0	0.1	0	0

Appendix 5.2.8 - Geochemistry

DDH Hole Number	*DDH Length (m)*	*DDH Azimuth (Deg)*	*DDH Dip (+ Down)*	*DDH Easting (NAD83)*	*DDH Northing (NAD83)*	*DDH Elevation (m)*	*DDH Status*	*Date Complete*	*Project Geologist*
CY05007	44.2		-90	610659.9	5535484.59	1868.043	COMPLETE	10/16/2005	D.L. Pighin

Sample Number	*From (m)*	*To (m)*	*Sample Length (m)*	*Analysis Number*	*CaSO42H2O %*	*CaCO3 %*	*MgCO3 %*	*NaCl %*	*KCl %*	*SiO2 %*	*Al2O3 %*	*TiO2 %*	*MnO %*	*SrO %*	*BaO %*	*V2O5 %*

Appendix 5.2.8 - Geochemistry

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05008	47.85		-90	610679.67	5535495.46	1863.475	COMPLETE	10/16/2005	D.L. Pighin

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %
7356	10.8	11.8	1	VA05106512	91.2	3.83	3.22	0.01	0.05	1.16	0.36	0.01	0	0.12	0	0
7357	11.8	14.33	2.53	VA05106512	62.5	17.55	14.1	0.01	0.18	4.25	0.97	0.04	0	0.09	0	0
7358	14.33	17.37	3.37	VA05106512	78	9.84	8.49	0.02	0.1	2.6	0.67	0.03	0	0.1	0	0
7359	17.37	20.42	3.05	VA05106512	44.6	27	22.8	0.02	0.17	3.85	0.99	0.04	0	0.07	0	0
7360	20.42	23.47	3.05	VA05106512	62.2	17	14.65	0.02	0.15	3.8	1.7	0.03	0	0.09	0	0
7361	23.47	26.8	3.33	VA05106512	65.3	16	13.95	0.01	0.15	3.58	0.64	0.03	0	0.09	0	0
7362	26.8	30.4	3.6	VA05106512	84.9	7.01	5.65	0.01	0.06	1.84	0.29	0.01	0	0.09	0	0
7363	30.4	32.8	2.4	VA05106512	82.5	8.04	6.92	0.01	0.11	1.82	0.37	0.01	0	0.11	0	0
7364	32.8	35.66	2.86	VA05106512	62.1	17.75	15.05	0.02	0.18	3.86	0.7	0.03	0	0.08	0	0
7365	35.66	38.5	2.84	VA05106512	70.1	14	11.35	0.03	0.13	3.42	0.62	0.03	0	0.09	0	0
7366	38.5	39.4	1.1	VA05106512	92.9	2.64	1.65	0.01	0.05	2.09	0.41	0.02	0	0.1	0	0
7367	39.4	42.6	3.2	VA05106512	77.4	10.25	8.53	0.06	0.14	2.86	0.46	0.02	0	0.1	0	0
7368	42.6	47.85	5.25	VA05106512	75.1	12.7	9.63	0.02	0.11	1.77	0.43	0.02	0	0.11	0	0

Appendix 5.2.8 - Geochemistry

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05009	50.6		-90	610695.77	5535517.83	1862.884	COMPLETE	10/17/2005	D.L. Pighin

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %

Appendix 5.2.8 - Geochemistry

DDH Hole Number	DDH Length (m)	DDH Azimuth (Deg)	DDH Dip (+ Down)	DDH Easting (NAD83)	DDH Northing (NAD83)	DDH Elevation (m)	DDH Status	Date Complete	Project Geologist
CY05010	24.38		-90	610759.78	5535521.91	1844.911	COMPLETE	10/17/2005	D.L. Pighin

Sample Number	From (m)	To (m)	Sample Length (m)	Analysis Number	CaSO42H2O %	CaCO3 %	MgCO3 %	NaCl %	KCl %	SiO2 %	Al2O3 %	TiO2 %	MnO %	SrO %	BaO %	V2O5 %

APPENDIX IV

ANALYTICAL RESULTS

VA05106512 - Finalized
CLIENT : "BOEXIN - Bootleg Exploration Inc."
# of SAMPLES : 43
DATE RECEIVED : 2005-12-06 DATE FINALIZED : 2006-02-06
PROJECT : " "
CERTIFICATE COMMENTS : ""
PO NUMBER : " "

SAMPLE DESCRIPTION	ME-ICP05 CaSO4.2H2O %	ME-ICP05 CaCO3 %	ME-ICP05 MgCO3 %	ME-ICP05 NaCl %	ME-ICP05 KCl %	ME-ICP85 SiO2 %	ME-ICP85 Al2O3 %	ME-ICP85 TiO2 %	ME-ICP85 MnO %	ME-ICP85 SrO %	ME-ICP85 BaO %	ME-ICP85 V2O5 %
7326	94	2.13	1.75	<0.01	0.01	1.61	0.3	0.01	<0.01	0.11	<0.01	<0.01
7327	84.6	6.02	5.48	0.01	0.06	2.96	0.54	0.01	<0.01	0.11	<0.01	<0.01
7328	71	13.05	11.4	0.01	0.1	3.52	0.62	0.02	<0.01	0.09	<0.01	<0.01
7329	89.4	3.99	3.83	0.01	0.04	2.07	0.44	0.01	<0.01	0.12	<0.01	<0.01
7330	92.6	2.82	2.54	<0.01	0.02	1.54	0.26	0.01	<0.01	0.11	<0.01	<0.01
7331	95.8	1.34	1.3	<0.01	0.01	1.13	0.21	0.01	<0.01	0.11	<0.01	<0.01
7332	88.8	5.04	4.1	0.01	0.06	1.53	0.3	0.01	<0.01	0.1	<0.01	<0.01
7333	89.6	4.32	3.77	0.01	0.06	1.75	0.36	0.01	<0.01	0.11	<0.01	<0.01
7334	91.9	3	2.94	0.03	0.04	1.52	0.33	0.01	<0.01	0.15	<0.01	<0.01
7335	87.3	5.64	4.82	0.19	0.03	1.28	0.44	0.02	<0.01	0.12	<0.01	<0.01
7336	75.9	10.85	10.05	0.12	0.09	2.18	0.44	0.02	<0.01	0.17	<0.01	<0.01
7337	91.6	3.14	3.15	0.04	0.07	1.54	0.27	0.01	<0.01	0.13	<0.01	<0.01
7338	89.8	4.6	3.88	0.02	0.04	1.21	0.2	0.01	<0.01	0.12	<0.01	<0.01
7339	81	8.5	6.41	0.09	0.05	3.06	0.53	0.02	<0.01	0.07	<0.01	<0.01
7340	76.2	9.57	9.03	0.06	0.06	4.01	0.67	0.03	<0.01	0.11	<0.01	<0.01
7341	77.4	8.63	8.5	0.07	0.1	4.2	0.67	0.03	<0.01	0.1	<0.01	<0.01
7342	88.4	4.81	4.25	0.01	0.05	1.81	0.35	0.01	<0.01	0.1	<0.01	<0.01
7343	82.5	7.6	6.81	0.01	0.09	2.29	0.45	0.02	<0.01	0.1	<0.01	<0.01
7344	87.3	5.5	4.95	0.01	0.06	1.63	0.31	0.01	<0.01	0.1	<0.01	<0.01
7345	89	4.8	4.16	0.01	0.09	1.45	0.27	0.01	<0.01	0.11	<0.01	<0.01
7346	86.3	5.9	5.58	0.01	0.06	1.59	0.28	0.01	<0.01	0.12	<0.01	<0.01
7347	67.9	14.3	12.2	0.02	0.15	4.17	0.84	0.04	<0.01	0.1	<0.01	<0.01
7348	64.7	17.45	14	0.01	0.13	2.73	0.6	0.03	<0.01	0.09	<0.01	<0.01
7349	81	8.24	7.35	0.01	0.09	2.65	0.35	0.01	<0.01	0.11	<0.01	<0.01
7350	78.6	9.53	8.29	0.02	0.1	2.64	0.47	0.02	<0.01	0.1	<0.01	<0.01
7351	76	11.2	9.38	0.04	0.08	2.39	0.63	0.02	<0.01	0.09	<0.01	<0.01
7352	48.4	24	21.7	0.04	0.17	4.2	0.99	0.04	0.01	0.08	<0.01	<0.01
7353	75.8	10.25	9.33	0.06	0.14	3.26	0.78	0.03	<0.01	0.09	<0.01	<0.01
7354	83.3	7.24	6.32	0.04	0.06	2.3	0.42	0.02	<0.01	0.1	<0.01	<0.01
7355	86.7	6.17	4.87	0.02	0.07	1.45	0.49	0.02	<0.01	0.1	<0.01	<0.01
7356	91.2	3.83	3.22	0.01	0.05	1.16	0.36	0.01	<0.01	0.12	<0.01	<0.01
7357	62.5	17.55	14.1	0.01	0.18	4.25	0.97	0.04	0.01	0.09	<0.01	<0.01
7358	78	9.84	8.49	0.02	0.1	2.6	0.67	0.03	<0.01	0.1	<0.01	<0.01
7359	44.6	27	22.8	0.02	0.17	3.85	0.99	0.04	0.01	0.07	<0.01	<0.01
7360	62.2	17	14.65	0.02	0.15	3.8	1.7	0.03	0.01	0.09	<0.01	<0.01
7361	65.3	16	13.95	0.01	0.15	3.58	0.64	0.03	0.01	0.09	<0.01	<0.01
7362	84.9	7.01	5.65	0.01	0.06	1.84	0.29	0.01	<0.01	0.09	<0.01	<0.01
7363	82.5	8.04	6.92	0.01	0.11	1.82	0.37	0.01	<0.01	0.11	<0.01	<0.01
7364	62.1	17.75	15.05	0.02	0.18	3.86	0.7	0.03	0.01	0.08	<0.01	<0.01
7365	70.1	14	11.35	0.03	0.13	3.42	0.62	0.03	<0.01	0.09	<0.01	<0.01
7366	92.9	2.64	1.65	0.01	0.05	2.09	0.41	0.02	<0.01	0.1	<0.01	<0.01
7367	77.4	10.25	8.53	0.06	0.14	2.86	0.46	0.02	<0.01	0.1	<0.01	<0.01
7368	75.1	12.7	9.63	0.02	0.11	1.77	0.43	0.02	<0.01	0.11	<0.01	<0.01