EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-365

Prospect:	ABM	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Alicia Vainio
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	6/22/2016
UTM Easting	414747.648	Core Size:	HQ3	Azimuth:	0.9	Date Logging Complete:	6/26/2016
UTM Northing:	6815398.31	Casing Pulled?:	Yes	Dip:	-53.6	Drill Company:	Hytech
UTM Elev. (m):	1409.232	Casing Depth (m):	10.5	Length (m):	183	Drill Rig:	Tech 5000
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	6/13/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	6/14/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Metallurgical
Comments:						Parent Hole:	

K16-365 is designed to provide a metallurgical sample from the up-dip portion of the ABM deposit.
K16-365 successfully interesected massive sulphide mineralization consisting of OI/OB/OA styles from 34.64m - 148.76m with numerous narrow RHY/RHYcw layers between MXSX lenses.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-53.6	359.5	1.4	0.9	TN14	Roger Hulstein	6/13/2016		☑	Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth.
18	-53.3	341.3	22.1	3.4	ReflexEZS	Hytech	6/13/2016	5962	☐	Possible magnetic interferance from casing
42	-54.4	339.5	22.1	1.6	ReflexEZS	Hytech	6/13/2016	5882	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
66	-55.3	340.6	22.1	2.7	ReflexEZS	Hytech	6/13/2016	6123	☐	
90	-55.7	338.3	22.1	0.4	ReflexEZS	Hytech	6/14/2016	5579	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
114	-56.2	333.6	22.1	355.7	ReflexEZS	Hytech	6/14/2016	5628	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
138	-56.8	335.7	22.1	357.8	ReflexEZS	Hytech	6/14/2016	5713	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
162	-57.5	336	22.1	358.1	ReflexEZS	Hytech	6/14/2016	5797	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
183	-58	337	22.1	359.1	ReflexEZS	Hytech	6/14/2016	5825	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	**9.00**	**OVBN Overburden**									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
9.00	**14.60**	**RHYva** **Coarse grained to ash tuff**									
9 - 14.6: Localized crenulation cleavage obscures texture; small zones contain flow banding.											
<<Min: 9 - 34.64 0.5% Min: Pyrite>>											
<<Alt: 9 - 19.4 Weak Muscovite>> Trace to weak MU alteration.											
<<Struc: 12.53 - 12.54 Crenulation cleavage>>											
14.60	**25.80**	**RHYcw** **Curdy textured-flow banded (flows, subvolcanics)**									
14.6 - 25.8: Foliation low angle TCA. Minor FLT between 19.2 - 21.8m; FLT consists of fractured RHY and sericitic-gouge. Gradational upper and lower CT.											
<<Min: 21.8 - 31.77 0.1% Min: Sphalerite>>											
<<Alt: 19.4 - 25.8 Weak-Moderate Muscovite>> Pervasive MU alteration throughout RHY; sericitic gouge.											
<<Struc: 15.16 - 15.17 Crenulation cleavage>>											
<<Struc: 19.2 - 21.8 Moderate-Strong Fault>> Heavily-fractured, incompetent RHY to 19.4m, followed with sheared RHY and sericitic gouge. ~ 30% recovered.											
<<Struc: 22.6 - 22.61 dominant foliation>>											
<<Struc: 25.2 - 25.21 dominant foliation>>											
25.80	**31.77**	**MDSw** **Coherent rhyolite flow with carbonaceous content**	26.00	27.50	1.50	D00004157	0.014	4.3	-0.01	0.07	0.12
25.8 - 31.77: Foliation low angle TCA.											
<<Alt: 25.8 - 31.77 Trace Muscovite>>			27.50	29.00	1.50	D00004158	0.038	1.2	-0.01	0.01	0.01
<<Struc: 27.5 - 27.51 dominant foliation>>			29.00	30.50	1.50	D00004159	0.035	1.2	-0.01	0.01	0.02
			30.50	31.77	1.27	D00004161	0.116	7.7	-0.01	0.06	0.11
31.77	**34.64**	**RHYcw** **Curdy textured-flow banded (flows, subvolcanics)**	31.77	33.15	1.38	D00004162	0.008	1.1	-0.01	-0.01	-0.01
31.77 - 34.64: Silicic flow banding with minor pyrite replacement.											
<<Alt: 31.77 - 34.64 Moderate-Strong Muscovite>>			33.15	34.64	1.49	D00004163	-0.005	0.9	0.01	0.02	0.1
<<Alt: 31.77 - 34.64 Trace Calcite>>											
<<Struc: 34.53 - 34.54 dominant foliation>>											
34.64	**37.94**	**OI** **Heavilly disseminated sulphides in host schist**	34.64	35.70	1.06	D00004164	0.052	12	0.2	0.42	1.2
34.64 - 37.94: Disseminated-banded sulphides within RHYcw. FLT (sericitic gouge) between approx 35.85-36.4m.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 34.64 - 37.94 1% Min: Sphalerite>>	35.70	37.06	1.36	D00004165	0.111	10.9	0.25	0.08	0.06
		<<Min: 34.64 - 37.94 10% Min: Pyrite>> Disseminated-banded PY; coarse-grained disseminated blebs.	37.06	37.94	0.88	D00004166	4.36	417	2.87	0.05	0.38
		<<Min: 34.64 - 37.94 0.1% Min: Arsenopyrite>>									
		<<Min: 37.06 - 37.7 0.5% Min: Chalcopyrite>> Disseminated CP within PY-rich bands.									
		<<Alt: 34.64 - 40.12 Strong Muscovite>> Strong, pervasive MU alteration with patches of intense alteration proximal to mineralization.									
		<<Alt: 34.64 - 40.12 Weak Calcite>> Patchy-calcite associated with mineralized bands.									
		<<Struc: 35.95 - 36.47 Strong Fault>> Soft to semi-soft, sericitic gouge containing sheared RHY, and mm-size quartz clasts.									
		<<Struc: 36.87 - 36.88 Foliation>> Mineralized banding.									
37.94	**38.36**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	37.94	38.36	0.42	D00004167	1.36	502	0.02	8.49	13.1
		37.94 - 38.36: Massive PY with disseminated sulphides.									
		<<Min: 37.94 - 38.36 8% Min: Sphalerite>> Massive PY with disseminated SP +/- GL.									
		<<Min: 37.94 - 38.36 70% Min: Pyrite>> Massive PY with disseminated SP +/- GL.									
		<<Min: 37.94 - 38.36 0.5% Min: Galena>> Massive PY with disseminated SP +/- GL.									
		<<Struc: 37.94 - 37.95 Contact>> RHY(OI) - OB CNT.									
38.36	**40.12**	**RHYcw** **Curdy textured-flow banded (flows, subvolcanics)**	38.36	39.25	0.89	D00004168	0.255	51.8	0.04	0.5	0.87
		38.36 - 40.12: Strong-intense sericite alteration.									
		<<Min: 38.36 - 40.12 1% Min: Pyrite>>	39.25	40.12	0.87	D00004169	0.093	12.3	0.01	0.11	0.22
		<<Vein: 39.05 - 39.11 Quartz>> Quartz vein with < 1% sulphide FRA.									
		<<Struc: 38.77 - 38.78 Foliation>>									
40.12	**41.52**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	40.12	41.52	1.40	D00004171	3.54	626	0.6	2.21	3.4
		40.12 - 41.52: Semi-massive to banded PY with disseminated sulphides (> 40% gangue). CL alteration is visible within quartz gangue.									
		<<Min: 40.12 - 41.52 5% Min: Sphalerite>> Semi-massive to banded PY with disseminated SP.									
		<<Min: 40.12 - 41.52 30% Min: Pyrite>> Semi-massive to banded PY with disseminated SP.									
		<<Alt: 40.12 - 41.52 Weak Muscovite>> MU alteration within quartz gangue.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 40.12 - 47.65 Weak-Moderate Calcite>> Localized carbonate-rich zones within gangue; more pervasive within RHY.											
<<Struc: 40.33 - 40.34 Foliation>>											
41.52	**46.04**	**RHYcw Curdy textured-flow banded (flows, subvolcanics)**	41.52	43.00	1.48	D00004172	0.175	29.7	0.03	0.22	0.75
41.52 - 46.04: Silicic flow banding; disseminated and banded sulphides.											
<<Min: 41.52 - 46.04 2% Min: Sphalerite>> Sphalerite replacement within quartz-rich bands.			43.00	44.00	1.00	D00004173	0.019	0.5	-0.01	-0.01	-0.01
<<Min: 41.52 - 46.04 4% Min: Pyrite>> PY replacement within quartz-rich, kink bands. Fine-grained FRA.			44.00	45.00	1.00	D00004174	0.125	19.7	0.01	0.09	0.21
<<Alt: 41.52 - 46.04 Strong Muscovite>>			45.00	46.04	1.04	D00004175	0.047	7.1	-0.01	0.04	0.09
<<Struc: 42.4 - 42.41 dominant foliation>>											
46.04	**47.16**	**OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	46.04	47.16	1.12	D00004176	1.87	293	0.41	3.12	4.85
46.04 - 47.16: Semi-massive PY + disseminated sulphides. Minor biotite and sericite alteration.											
<<Min: 46.04 - 47.16 6% Min: Sphalerite>> Disseminated SP within PY-rich zones. Orangish-brown, sub-angular, brecciated clasts within quartz gangue.											
<<Min: 46.04 - 47.16 60% Min: Pyrite>> Semi-massive to massive PY with disseminated SP +/- GL.											
<<Min: 46.04 - 47.16 1% Min: Galena>> Most prominent near quartz gangue.											
<<Alt: 46.04 - 47.65 Weak Muscovite>> Patchy-zones with sericite alteration.											
<<Alt: 46.5 - 47.16 Weak Biotite>> Bands of disseminated biotite blebs.											
47.16	**53.50**	**RHYcw Curdy textured-flow banded (flows, subvolcanics)**	47.16	48.50	1.34	D00004177	0.009	1.8	-0.01	0.05	0.13
47.16 - 53.5: Sericite-altered RHYcw. Quartz veins are present at the upper and lower contacts of the unit. Strong-intense chlorite alteration is prominent between ~51.75 - 53.5m.											
<<Min: 47.16 - 49.8 0.5% Min: Sphalerite>>			48.50	50.00	1.50	D00004178	0.026	3.7	-0.01	0.05	0.22
<<Min: 47.16 - 49.8 3% Min: Pyrite>>			50.00	51.44	1.44	D00004179	-0.005	6.7	0.02	-0.01	0.01
<<Min: 49.8 - 53.5 0.5% Min: Pyrite>> Disseminated PY throughout RHY; blebs within quartz veins.			51.44	52.43	0.99	D00004181	0.085	48	0.13	0.12	0.11
<<Min: 51.44 - 52.43 1% Min: Sphalerite>> Orangish-brown, sub-angular blebs of SP within quartz veins.			52.43	53.50	1.07	D00004182	-0.005	7.7	0.03	0.09	0.15
<<Min: 51.44 - 52.43 3% Min: Galena>> Sub-angular,cm-size blebs of GL within quartz veins.											
<<Min: 51.44 - 52.43 0.1% Min: Chalcopyrite>>											
<<Alt: 47.65 - 48.8 Moderate Muscovite>> Sericite-altered bands.											
<<Alt: 47.65 - 50.26 Weak Calcite>>											
<<Alt: 48.8 - 50 Weak-Moderate Chlorite>> Chlorite-replacement within mm-size, disseminated pockets.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 48.8 - 53.5 Strong Muscovite>>											
<<Alt: 50.26 - 51.44 Weak-Moderate Calcite>>											
<<Alt: 51.44 - 53.5 Trace Calcite>> Calcite FRA within quartz veins.											
<<Alt: 51.78 - 51.84 Moderate Chlorite>> Pervasive chlorite alteration within RHY; alteration is patchy within quartz.											
<<Vein: 47.16 - 47.65 Quartz-Carbonate 22 deg. >> Fractured quartz vein with patchy-carbonate, and blebby-chlorite and sulphides.											
<<Vein: 51.5 - 52.1 Quartz-Carbonate-Sulphide 20 deg. >> Fractured quartz veins with carbonate FRA, and cm-size, sub-angular blebs of sulphides.											
<<Vein: 52.85 - 53.5 Quarzt-Chlorite-Carbonate>> DEF quartz veins with patchy-FRA carbonate and chlorite, and trace sulphide FRA.											
<<Struc: 47.6 - 47.61 Vein>> Quartz vein lower CNT with RHYcw.											
<<Struc: 48.3 - 48.31 dominant foliation>>											
<<Struc: 50.53 - 50.54 Crenulation cleavage>>											
<<Struc: 52.8 - 52.81 Kink bands>>											
53.50	**59.18**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	53.50	55.00	1.50	D00004183	1.01	369	0.29	5.41	6.93
53.5 - 59.18: Semi-massive to banded PY + disseminated sulphides. Subrounded blebs of barite and quartz-carbonate gangue.											
<<Min: 53.5 - 55 3% Min: Barite>> Sub-rounded barite clasts proximal to quartz-carbonate gangue.			55.00	56.00	1.00	D00004184	1.08	227	0.19	4.02	6.83
<<Min: 53.5 - 59.18 3% Min: Sphalerite>> Disseminated-banded SP within semi-massive PY.			56.00	57.00	1.00	D00004185	1.26	238	0.33	2.06	5.16
<<Min: 53.5 - 59.18 65% Min: Pyrite>> Semi-massive to banded PY with disseminated SP +/- GL, CP, and MG.			57.00	58.00	1.00	D00004186	1.89	230	0.43	2.54	7.46
<<Min: 53.5 - 59.18 0.1% Min: Magnetite>> Rare, banded blebs of MG.			58.00	59.18	1.18	D00004187	1.43	162	0.29	2.53	8.28
<<Min: 53.5 - 59.18 0.5% Min: Galena>>											
<<Min: 53.5 - 59.18 0.1% Min: Chalcopyrite>> Disseminated CP within PY-rich matrix.											
<<Min: 55.4 - 57.55 5% Min: Barite>> Localized zones of banded barite?											
<<Alt: 53.5 - 55 Moderate Calcite>> Sub-rounded, carbonate-rich clasts within PY-rich matrix.											
<<Alt: 53.5 - 58.18 Trace Muscovite>> Patchy-zones of trace alteration within gangue.											
<<Alt: 55 - 59.18 Trace Calcite>> Trace calcite within clasts and FRA.											
<<Alt: 58.18 - 59.18 Weak-Moderate Muscovite>> Banded zones of sericite within gangue.											
<<Alt: 58.8 - 59.18 Weak-Moderate Chlorite>> Localized zones of disseminated blebs.											
<<Struc: 56.55 - 56.56 Foliation>> FOL within OB.											
<<Struc: 57.93 - 57.94 Foliation>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
59.18	**64.62**	**RHYcw** **Curdy textured-flow banded (flows, subvolcanics)**	59.18	60.00	0.82	D00004188	0.917	68.3	0.19	0.31	1.1
59.18 - 64.62: Silicic flow banding with rare sulphide replacement near upper CT. Fractured, incompetent RHY between 63.8 - 64.5m; poor recovery. Sharp lower CT.											
<<Min: 59.18 - 64.62 0.5% Min: Sphalerite>>			60.00	61.50	1.50	D00004189	0.012	1.6	-0.01	-0.01	0.01
<<Min: 59.18 - 64.62 2% Min: Pyrite>> Disseminated-banded PY.			61.50	63.00	1.50	D00004191	0.013	1.5	-0.01	-0.01	-0.01
<<Min: 59.18 - 64.62 0.1% Min: Galena>> Trace disseminated GL within PY-rich bands.			63.00	64.62	1.62	D00004192	0.103	6.2	0.01	0.04	0.12
<<Alt: 59.18 - 61.62 Moderate Muscovite>>											
<<Alt: 59.18 - 79.5 Trace Calcite>> Calcite blebs and FRA.											
<<Struc: 59.18 - 59.19 Contact>> Sharp CNT between OB-RHY.											
64.62	**65.70**	**OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide**	64.62	65.70	1.08	D00004193	1.99	260	0.67	3.93	11.8
64.62 - 65.7: Banded MG + SP within massive PY. Barite blebs are localized, and follow the foliation.											
<<Min: 64.62 - 65.7 4% Min: Sphalerite>> Banded SP within massive PY.											
<<Min: 64.62 - 65.7 70% Min: Pyrite>> Massive PY with banded MG and SP +/- CP.											
<<Min: 64.62 - 65.7 8% Min: Magnetite>> Bands of blebby-MG.											
<<Min: 64.62 - 65.7 0.5% Min: Chalcopyrite>>											
<<Min: 64.62 - 65.7 2% Min: Barite>> Localized blebs of barite.											
<<Alt: 64.62 - 64.97 Weak Biotite>>											
<<Struc: 64.93 - 64.94 Foliation>>											
65.70	**69.68**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	65.70	66.50	0.80	D00004194	3.13	249	0.86	0.97	7.77
65.7 - 69.68: Massive PY with disseminated sulphides. OB is heavily-fractured and incompetent to 69m.											
<<Min: 65.7 - 69.68 3% Min: Sphalerite>> Banded SP within massive PY.			66.50	68.00	1.50	D00004195	0.911	75.3	0.22	0.68	8.03
<<Min: 65.7 - 69.68 90% Min: Pyrite>> Massive PY with disseminated SP +/- GL and CP.			68.00	69.00	1.00	D00004196	2.08	207	0.54	1.88	5.56
<<Min: 65.7 - 69.68 0.5% Min: Galena>>			69.00	69.68	0.68	D00004197	1.4	202	0.31	2.93	5.79
<<Min: 65.7 - 69.68 0.1% Min: Chalcopyrite>>											
<<Struc: 69.25 - 69.26 Foliation>> Mineralized banding within OB.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
69.68	**85.94**	**OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide**	69.68	71.00	1.32	D00004198	1.05	122	1.14	1.13	7.01
69.68 - 85.94: Banded to disseminated MG; MG concentration alternates between high and low but generally, decreases downhole.											
<<Min: 69.68 - 79.5 5% Min: Sphalerite>>			71.00	72.00	1.00	D00004199	0.926	50	0.96	0.29	7.59
<<Min: 69.68 - 79.5 65% Min: Pyrite>> Massive PY with banded MG and SP +/- PO.			72.00	73.00	1.00	D00004201	1.83	98.6	1.85	0.38	10.7
<<Min: 69.68 - 79.5 5% Min: Pyrrhotite>>			73.00	74.00	1.00	D00004202	1.57	114	2.34	0.45	5.32
<<Min: 69.68 - 79.5 20% Min: Magnetite>> Disseminated blebs of banded MG within massive PY.			74.00	75.00	1.00	D00004203	0.711	37.3	1.12	0.08	6.24
<<Min: 69.68 - 79.5 0.1% Min: Chalcopyrite>> Localized FRA.			75.00	76.00	1.00	D00004204	0.624	40.6	0.96	0.16	6.16
<<Min: 79.5 - 80 3% Min: Sphalerite>> Disseminated blebs of SP within CP and quartz.			76.00	77.00	1.00	D00004205	0.425	93.9	0.47	1	8.29
<<Min: 79.5 - 80 2% Min: Pyrrhotite>> Blebs of PO within quartz.			77.00	78.00	1.00	D00004206	0.581	138	0.52	1.87	7.89
<<Min: 79.5 - 80 2% Min: Galena>> Disseminated blebs and FRA within quartz.			78.00	79.50	1.50	D00004207	0.959	66.8	0.67	0.84	2.48
<<Min: 79.5 - 80 4% Min: Chalcopyrite>> CP + GL FRA within quartz veins.			79.50	81.00	1.50	D00004208	0.804	55	0.56	0.68	2.98
<<Min: 79.5 - 85.94 75% Min: Pyrite>> Massive PY with banded-blebs of MG, disseminated SP, and localized aggregates of barite.			81.00	82.00	1.00	D00004209	1.06	134	0.69	1.86	6.31
<<Min: 79.5 - 85.94 10% Min: Magnetite>> Disseminated-blebs of banded MG; localized zones with buckshot texture.			82.00	83.00	1.00	D00004212	1.15	158	0.81	2.38	8.02
<<Min: 79.5 - 85.94 2% Min: Barite>> Sub-angular clasts of barite, containing blebs of sulphides.			83.00	84.00	1.00	D00004213	1.05	68.8	0.47	1.15	9.66
<<Min: 80 - 85.94 4% Min: Sphalerite>> Disseminated bands of SP within massive PY.			84.00	85.00	1.00	D00004214	0.826	75.6	0.74	1.15	6.4
<<Min: 80 - 85.94 0.5% Min: Chalcopyrite>>			85.00	85.94	0.94	D00004215	1.06	116	0.39	2.49	8.88
<<Alt: 79.5 - 80 Weak-Moderate Calcite>> Localized carbonate-rich clasts.											
<<Alt: 80 - 85.94 Trace Calcite>> Trace calcite within blebs and FRA.											
<<Struc: 70.25 - 70.26 dominant foliation>> MG banding.											
<<Struc: 74.25 - 74.26 dominant foliation>> MG banding.											
<<Struc: 77.3 - 77.31 dominant foliation>> MG banding.											
<<Struc: 81.2 - 81.21 Foliation>> Banded blebs of disseminated MG.											
<<Struc: 84.93 - 84.94 Foliation>>											
85.94	**98.84**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	85.94	87.08	1.14	D00004216	2.07	224	0.26	4.1	8.78
85.94 - 98.84: Massive PY with disseminated sulphides, and blebs of quartz, carbonate, and barite gangue.											
<<Min: 85.94 - 88.22 3% Min: Sphalerite>> Disseminated bands of SP within massive PY.			87.08	88.22	1.14	D00004217	1.05	168	0.21	3.44	8.42

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 85.94 - 88.22 65% Min: Pyrite>> Semi-massive to massive PY with disseminated bands of SP, and trace GL and CP.	88.22	89.20	0.98	D00004218	2.17	164	0.51	2.24	7.31
		<<Min: 85.94 - 88.22 0.1% Min: Galena>>	89.20	90.20	1.00	D00004219	1.27	103	0.2	1.75	5.16
		<<Min: 85.94 - 88.22 0.1% Min: Chalcopyrite>>	90.20	91.20	1.00	D00004221	1.36	97.5	0.18	1.69	7.49
		<<Min: 85.94 - 88.22 2% Min: Barite>> Subrounded clasts of BA.	91.20	92.20	1.00	D00004222	1.41	172	0.22	1.74	4.51
		<<Min: 88.22 - 98 1% Min: Tetrahedrite>> Blebby-TT and FRA within BA and gangue aggregates.	92.20	93.00	0.80	D00004223	1.05	97.8	0.06	1.3	6.02
		<<Min: 88.22 - 98 5% Min: Sphalerite>> Disseminated bands of SP within massive PY. Blebs occur within BA and gangue aggregates.	93.00	94.00	1.00	D00004224	2.43	238	0.24	2.82	10.6
		<<Min: 88.22 - 98 65% Min: Pyrite>> Semi-massive to massive PY with banded SP, and BA aggregates. BA and quartz-carbonate gangue contain blebby-sulphides including: GL, CP, and TT.	94.00	95.00	1.00	D00004225	2.78	167	0.24	1.03	7.76
		<<Min: 88.22 - 98 1% Min: Galena>> Disseminated GL; generally proximal to gangue.	95.00	96.00	1.00	D00004226	3.41	288	0.44	1.07	6.11
		<<Min: 88.22 - 98 0.5% Min: Chalcopyrite>> Blebs and FRA within gangue.	96.00	97.00	1.00	D00004227	4.15	301	0.4	1.97	8
		<<Min: 88.22 - 98 8% Min: Barite>> BA aggregates hosting sulphides.	97.00	98.00	1.00	D00004228	2.83	204	0.2	2.46	6.89
		<<Min: 98 - 98.84 5% Min: Sphalerite>> Disseminated bands of SP within massive PY.	98.00	98.84	0.84	D00004229	3.13	294	0.38	2.88	7.47
		<<Min: 98 - 98.84 85% Min: Pyrite>> Massive PY with disseminated bands of SP +/- GL and CP.									
		<<Min: 98 - 98.84 0.1% Min: Galena>>									
		<<Min: 98 - 98.84 0.1% Min: Chalcopyrite>>									
		<<Alt: 85.94 - 98.84 Weak-Moderate Calcite>> Carbonate-rich blebs and aggregates; some FRA.									
		<<Struc: 87.45 - 87.46 dominant foliation>>									
		<<Struc: 92.9 - 92.91 dominant foliation>>									
		<<Struc: 97.5 - 97.51 dominant foliation>>									
98.84	**107.96**	**RHY undifferentiated rhyolite**	98.84	100.00	1.16	D00004232	0.42	45.1	0.18	0.21	2.08
		98.84 - 107.96: Undifferentiated RHY with minor sulphide mineralization, and localized silicic banding.									
		<<Min: 98.84 - 101.5 6% Min: Pyrite>> Disseminated bands, and replacement within silicic bands.	100.00	101.50	1.50	D00004233	0.068	13.8	0.02	0.2	0.46
		<<Min: 98.84 - 101.5 0.5% Min: Arsenopyrite>>	101.50	103.00	1.50	D00004234	0.023	4.3	-0.01	0.01	1.33
		<<Min: 98.84 - 103 3% Min: Sphalerite>> SP replacement within silicic bands.	103.00	104.50	1.50	D00004235	0.038	3.9	-0.01	0.01	0.14
		<<Min: 98.84 - 107.96 0.5% Min: Galena>> Disseminated, FRA and replacement within silicic bands.	104.50	106.00	1.50	D00004236	0.037	5.3	-0.01	0.03	0.04
		<<Min: 98.84 - 107.96 0.5% Min: Chalcopyrite>>	106.00	107.00	1.00	D00004237	0.035	6.7	-0.01	0.02	0.07
		<<Min: 101.5 - 107.96 3% Min: Pyrite>> Disseminated bands of pyrite; replacement within silicic bands.	107.00	107.96	0.96	D00004238	0.011	2.6	-0.01	0.02	0.06
		<<Min: 103 - 107.96 0.5% Min: Sphalerite>>									
		<<Alt: 98.84 - 101.42 Trace Calcite>>									
		<<Alt: 98.84 - 108.77 Moderate-Strong Muscovite>>									
		<<Alt: 101.42 - 105.51 Moderate-Strong Calcite>> Pervasive calcite within RHY; calcite is patchy within quartz bands.									
		<<Alt: 105.51 - 107.96 Weak Calcite>> Blebby-calcite within quartz; calcite FRA.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Vein: 101.45 - 101.48 Quartz-Carbonate 30 deg. >> Patchy-carbonate, and trace sulphide FRA within quartz vein.									
		<<Vein: 106.9 - 107.15 Quartz-Carbonate-Sulphide 40 deg. >> Brecciated quartz vein with patchy-carbonate, and sulphide FRA.									
		<<Vein: 107.81 - 107.82 Quartz-Chlorite 50 deg. >> Quartz stringer with chloritic-blebs.									
		<<Struc: 103.82 - 103.83 dominant foliation>>									
		<<Struc: 107.71 - 107.72 Vein>> Quartz stringer with chloritic-blebs.									
107.96	**108.36**	**OI** **Heavilly disseminated sulphides in host schist**	107.96	108.36	0.40	D00004239	0.055	4.9	0.02	0.02	0.01
		107.96 - 108.36: Disseminated sulphides within RHY.									
		<<Min: 107.96 - 108.36 0.5% Min: Sphalerite>>									
		<<Min: 107.96 - 108.36 20% Min: Pyrite>> Disseminated bands of PY +/- SP.									
		<<Alt: 107.96 - 111.21 Strong Chlorite>> Patchy-zones with strong chlorite alteration; strongest alteration in zones altered with CI.									
		<<Alt: 107.96 - 113.85 Weak Calcite>>									
108.36	**112.50**	**RHY** **undifferentiated rhyolite**	108.36	109.75	1.39	D00004241	0.018	2.4	0.01	0.04	0.04
		108.36 - 112.5: Undifferentiated RHY with strong chlorite, cordierite, and sericite alteration. FRA has been weakly-oxidized. Small (< 5cm) bands of gouge are localized.									
		<<Min: 108.36 - 112.5 3% Min: Sphalerite>> Sub-angular disseminated blebs of SP within RHY.	109.75	111.00	1.25	D00004242	0.097	18	0.09	0.24	1.47
		<<Min: 108.36 - 112.5 4% Min: Pyrite>>	111.00	112.50	1.50	D00004243	-0.005	14.3	0.1	0.17	2.2
		<<Min: 108.36 - 112.5 0.5% Min: Chalcopyrite>> Proximal to SP.									
		<<Alt: 108.77 - 112.88 Strong Cordierite>> Patchy-zones with strong-intense CI alteration.									
		<<Alt: 108.77 - 114.05 Weak-Moderate Muscovite>> Patchy-zones with weak-moderate MU alteration.									
		<<Vein: 108.36 - 111.3 Quartz>> Series of deformed - brecciated quartz veins with patchy carbonate and chlorite, and traces of sulphides.									
112.50	**114.05**	**OI** **Heavilly disseminated sulphides in host schist**	112.50	113.25	0.75	D00004244	0.089	26	0.03	0.34	1.16
		112.5 - 114.05: Sulphide mineralization within heavily-altered RHY.									
		<<Min: 112.5 - 114.05 2% Min: Sphalerite>> Disseminated in PY-rich bands; blebby within siliceous gangue.	113.25	114.05	0.80	D00004245	0.605	39.4	0.06	0.12	0.47
		<<Min: 112.5 - 114.05 8% Min: Pyrite>> Disseminated-bands of PY.									
		<<Alt: 113.85 - 117 Weak-Moderate Silicification>> Carbonate-rich silica-aggregates with blebs of sulphides.									
		<<Alt: 113.85 - 117 Moderate Calcite>>									
		<<Alt: 113.85 - 117 Weak Biotite>> Blebby-biotite within quartz-carbonate aggregates.									
		<<Vein: 113.07 - 113.16 Quartz 50 deg. >> Quartz vein with blebs of carbonate and sphalerite.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Struc: 113.43 - 113.44 dominant foliation>>									
114.05	**117.60**	**RHY** **undifferentiated rhyolite**	114.05	115.00	0.95	D00004246	0.108	5.6	-0.01	0.07	0.19
		114.05 - 117.6: Undifferentiated RHY with sub-rounded clasts of quartz, carbonate, and barite; pyrite replacement within clasts is rare.									
		<<Min: 114.05 - 117 6% Min: Barite>>	115.00	116.50	1.50	D00004247	0.196	4.8	0.02	0.02	0.1
		<<Min: 114.05 - 117.6 0.5% Min: Sphalerite>> Disseminated within gangue aggregates.	116.50	117.60	1.10	D00004248	0.241	16.1	0.07	0.02	0.03
		<<Min: 114.05 - 117.6 2% Min: Pyrite>>									
		<<Min: 114.05 - 117.6 0.1% Min: Chalcopyrite>> CP visible within quartz vein; trace within aggregate gangue.									
		<<Alt: 114.05 - 117.6 Moderate-Strong Muscovite>>									
		<<Vein: 115.25 - 115.26 Quartz-Sulphide 50 deg. >> Quartz stringer with blebby-sulphides (~20%).									
		<<Struc: 115.25 - 115.26 Vein>> Quartz stringer with sulphide blebs.									
117.60	**119.72**	**OI** **Heavilly disseminated sulphides in host schist**	117.60	118.65	1.05	D00004249	1.96	60.3	1.2	0.16	0.5
		117.6 - 119.72: Minor sulphide mineralization and barite (?) clasts within RHY host.									
		<<Min: 117.6 - 118.65 0.5% Min: Pyrrhotite>> Disseminated blebs within CP.	118.65	119.72	1.07	D00004252	1.09	38.4	0.7	0.16	1.01
		<<Min: 117.6 - 118.65 2% Min: Chalcopyrite>> CP stringers.									
		<<Min: 117.6 - 118.65 2% Min: Barite>>									
		<<Min: 117.6 - 119.72 0.5% Min: Sphalerite>>									
		<<Min: 117.6 - 119.72 20% Min: Pyrite>> Disseminated PY banding.									
		<<Alt: 117.6 - 118.65 Weak Biotite>>									
		<<Alt: 117.6 - 118.65 Weak-Moderate Albite>>									
		<<Alt: 117.6 - 119.72 Weak Muscovite>>									
		<<Alt: 117.6 - 119.72 Trace Calcite>>									
		<<Vein: 118.44 - 118.45 Massive Sulphide/Sulphides undifferentiated 40 deg. >> CP stringer.									
		<<Struc: 117.78 - 117.79 dominant foliation>>									
119.72	**120.45**	**OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide**	119.72	120.45	0.73	D00004253	2.33	73.8	2.07	0.25	0.77
		119.72 - 120.45: Banded MG within massive PY.									
		<<Min: 119.72 - 120.45 2% Min: Sphalerite>> Disseminated banding within PY.									
		<<Min: 119.72 - 120.45 65% Min: Pyrite>> Semi-massive to massive PY with banded MG +/- SP.									
		<<Min: 119.72 - 120.45 15% Min: Magnetite>> Disseminated bands of MG within massive PY.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 119.72 - 120.45 0.5% Min: Chalcopyrite>>									
		<<Alt: 119.72 - 127.5 Weak Silicification>>									
		<<Alt: 119.72 - 127.5 Weak-Moderate Calcite>>									
		<<Alt: 119.72 - 127.5 Weak Albite>>									
		<<Struc: 119.9 - 119.91 dominant foliation>>									
120.45	**127.50**	**OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	120.45	121.50	1.05	D00004254	1.07	146	0.27	3.51	10.3
		120.45 - 127.5: Massive PY with disseminated sulphides, and rare barite (?) clasts.									
		<<Min: 120.45 - 127.5 2% Min: Tetrahedrite>> TT blebs within gangue aggregates.	121.50	122.50	1.00	D00004255	1.97	135	0.59	1.92	8.43
		<<Min: 120.45 - 127.5 8% Min: Sphalerite>> Disseminated-bands within massive PY.	122.50	123.50	1.00	D00004256	4.01	232	1.31	2.24	7.31
		<<Min: 120.45 - 127.5 75% Min: Pyrite>> Massive PY with disseminated-bands of SP, and trace MG. Gangue aggregates contain BA, TT, GL, and CP.	123.50	124.50	1.00	D00004257	3.27	171	1.03	1.74	5.21
		<<Min: 120.45 - 127.5 0.5% Min: Magnetite>> Trace MG disseminated throughout massive PY.	124.50	125.50	1.00	D00004258	1.48	116	0.49	2.19	6.74
		<<Min: 120.45 - 127.5 0.5% Min: Galena>> Proximal to gangue.	125.50	126.50	1.00	D00004259	0.61	26	0.12	0.54	8.41
		<<Min: 120.45 - 127.5 2% Min: Barite>>	126.50	127.50	1.00	D00004261	0.606	53.5	0.13	1.02	9.41
		<<Min: 120.45 - 127.6 0.5% Min: Chalcopyrite>> Proximal to gangue.									
		<<Struc: 124.11 - 124.12 dominant foliation>>									
127.50	**129.19**	**OA Laminar or heavily disseminated magnetite bearing massive sulphide**	127.50	128.50	1.00	D00004262	0.266	24.1	0.04	0.58	10.2
		127.5 - 129.19: Massive PY with disseminated MG (buckshot texture).									
		<<Min: 127.5 - 129.19 8% Min: Sphalerite>> Disseminated-banding.	128.50	129.19	0.69	D00004263	0.839	63.2	0.23	1.59	4.9
		<<Min: 127.5 - 129.19 75% Min: Pyrite>> Massive PY with disseminated-bands of MG and SP; localized zones have a MG buckshot texture.									
		<<Min: 127.5 - 129.19 15% Min: Magnetite>> Disseminated-banding and buckshot texture within massive PY.									
		<<Alt: 127.5 - 135.2 Trace Calcite>> Carbonate aggregates and FRA.									
129.19	**131.91**	**OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	129.19	130.00	0.81	D00004264	0.857	62.9	0.14	1.18	4.77
		129.19 - 131.91: Massive PY; localized bands of disseminated sphalerite.									
		<<Min: 129.19 - 131 3% Min: Sphalerite>>	130.00	131.00	1.00	D00004265	0.729	33.2	0.09	0.76	2.35
		<<Min: 129.19 - 131 95% Min: Pyrite>> Massive PY with disseminated-bands of SP. PY blebs within siliceous gangue.	131.00	131.91	0.91	D00004266	0.856	59.4	-0.01	1.96	9.27

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 131 - 131.91 6% Min: Sphalerite>> Disseminated SP banding within massive PY.											
<<Min: 131 - 131.91 85% Min: Pyrite>> Massive PY with disseminated-bands of SP.											
<<Alt: 130 - 135.2 Weak Albite>>											
<<Struc: 131.72 - 131.73 dominant foliation>>											
131.91	**132.80**	**OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide**	131.91	132.80	0.89	D00004267	0.418	98.8	0.43	4.62	11.8
131.91 - 132.8: Disseminated blebs-banded MG within massive PY.											
<<Min: 131.91 - 132.8 6% Min: Sphalerite>> Disseminated-bands of SP within massive PY.											
<<Min: 131.91 - 132.8 70% Min: Pyrite>> Massive PY with blebby-bands of MG, and disseminated SP +/- GL.											
<<Min: 131.91 - 132.8 20% Min: Magnetite>> Banded MG blebs.											
<<Min: 131.91 - 132.8 0.5% Min: Galena>> Disseminated within banded SP.											
<<Struc: 132.1 - 132.11 dominant foliation>>											
132.80	**135.20**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	132.80	134.00	1.20	D00004268	0.559	93.8	0.12	2.75	11.2
132.8 - 135.2: Massive PY with disseminated sulphides.											
<<Min: 132.8 - 135.2 10% Min: Sphalerite>> Disseminated bands of SP within massive PY.			134.00	135.20	1.20	D00004269	1.12	136	0.35	2.83	8.96
<<Min: 132.8 - 135.2 65% Min: Pyrite>> Massive PY with disseminated SP banding, and trace CP and GL.											
<<Min: 132.8 - 135.2 0.1% Min: Galena>>											
<<Min: 132.8 - 135.2 0.5% Min: Chalcopyrite>>											
<<Struc: 134.34 - 134.35 Vein>> Quartz-carb stringer.											
135.20	**139.70**	**RHY** **undifferentiated rhyolite**	135.20	136.70	1.50	D00004272	1.31	32.2	0.63	0.13	0.18
135.2 - 139.7: Localized biotite alteration.											
<<Min: 135.2 - 135.5 8% Min: Pyrite>>			136.70	138.20	1.50	D00004273	0.021	4.4	0.09	0.03	0.04
<<Min: 135.2 - 135.5 4% Min: Chalcopyrite>>			138.20	139.70	1.50	D00004274	0.132	28.1	0.39	0.29	0.62
<<Min: 135.5 - 138.2 2% Min: Pyrite>>											
<<Min: 135.5 - 138.2 0.5% Min: Arsenopyrite>>											
<<Min: 138.2 - 139.3 1% Min: Sphalerite>>											
<<Min: 138.2 - 139.3 1% Min: Galena>> Disseminated blebs of GL within quartz veins, and altered RHY.											
<<Min: 138.2 - 139.3 1% Min: Chalcopyrite>>											
<<Min: 138.2 - 139.7 2% Min: Pyrite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Alt: 135.2 - 135.5 Weak Biotite>>									
		<<Alt: 135.2 - 138.2 Moderate-Strong Muscovite>>									
		<<Alt: 135.2 - 138.2 Moderate Calcite>>									
		<<Alt: 138.2 - 139.09 Moderate Chlorite>>									
		<<Alt: 138.2 - 139.09 Moderate-Strong Cordierite>>									
		<<Alt: 138.2 - 139.7 Strong Muscovite>> Patchy-alteration within vein; pervasive within RHY.									
		<<Alt: 138.2 - 146.89 Trace Calcite>>									
		<<Vein: 138.26 - 139 Quarzt-Chlorite-Carbonate>> Quartz-carbonate vein with blebby-chlorite, and brecciated, sub-angular clasts of RHY.									
		<<Struc: 135.2 - 135.21 Contact>> Sharp CT between OB-RHY.									
		<<Struc: 135.6 - 135.61 dominant foliation>>									
139.70	**148.76**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	139.70	140.70	1.00	D00004275	2.07	177	0.67	2.96	8.45
		139.7 - 148.76: Massive PY with disseminated sulphides, and quartz-carbonate gangue.									
		<<Min: 139.7 - 143.7 20% Min: Sphalerite>> Disseminated SP banding within massive PY; blebs within gangue aggregates.	140.70	141.70	1.00	D00004276	3.07	191	0.56	3.45	10.6
		<<Min: 139.7 - 143.7 60% Min: Pyrite>>	141.70	142.70	1.00	D00004277	1.99	171	0.34	5.01	14.5
		<<Min: 139.7 - 148.76 2% Min: Tetrahedrite>> Disseminated-blebs localized within aggregate gangue.	142.70	143.70	1.00	D00004278	1.86	161	0.49	2.62	9.79
		<<Min: 139.7 - 148.76 2% Min: Galena>> Blebs are localized within aggregate gangue.	143.70	144.70	1.00	D00004279	1.44	142	0.43	1.5	6.11
		<<Min: 139.7 - 148.76 0.5% Min: Chalcopyrite>>	144.70	145.70	1.00	D00004281	1.53	142	0.48	1.78	5.43
		<<Min: 139.7 - 148.76 3% Min: Barite>>	145.70	146.70	1.00	D00004282	2.25	153	0.63	1.57	5.91
		<<Min: 143.7 - 144.7 3% Min: Sphalerite>> Disseminated SP banding.	146.70	147.70	1.00	D00004283	1.12	120	0.36	2.24	5.15
		<<Min: 143.7 - 144.7 90% Min: Pyrite>>	147.70	148.76	1.06	D00004284	1.46	155	0.36	2.97	8.46
		<<Min: 144.7 - 148.76 10% Min: Sphalerite>> Disseminated SP banding.									
		<<Min: 144.7 - 148.76 70% Min: Pyrite>>									
		<<Alt: 139.7 - 146.89 Weak Silicification>>									
		<<Alt: 139.7 - 146.89 Weak-Moderate Albite>>									
		<<Alt: 146.89 - 148.02 Weak-Moderate Silicification>>									
		<<Alt: 146.89 - 148.02 Moderate Calcite>>									
		<<Alt: 146.89 - 148.02 Moderate Albite>>									
		<<Alt: 148.02 - 148.76 Trace Calcite>>									
		<<Struc: 143.3 - 143.31 dominant foliation>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
148.76	**152.05**	**MAFi** **Mafic Intrusions (primarily footwall mafic intrusion)**	148.76	149.70	0.94	D00004285	0.036	19.8	-0.01	0.49	1.69
<<Min: 148.76 - 156 0.5% Min: Pyrite>>			149.70	151.00	1.30	D00004286	-0.005	-0.3	-0.01	-0.01	0.02
<<Alt: 148.76 - 152.05 Weak-Moderate Muscovite>> Patchy muscovite-altered zones within MAFi.			151.00	152.05	1.05	D00004287	-0.005	-0.3	-0.01	-0.01	0.01
<<Struc: 148.76 - 148.77 Contact>> Sharp CNT between OB-MAFi.											
<<Struc: 150.15 - 150.16 dominant foliation>>											
152.05	**155.70**	**RHY** **undifferentiated rhyolite**	152.05	153.00	0.95	D00004288	0.01	0.6	-0.01	0.01	0.02
152.05 - 155.7: Silica-alteration within first 40cm.											
<<Alt: 152.05 - 152.4 Moderate Silicification>>			153.00	154.50	1.50	D00004289	-0.005	-0.3	-0.01	-0.01	0.01
<<Alt: 152.05 - 156 Moderate-Strong Muscovite>>			154.50	155.70	1.20	D00004291	0.009	1.1	-0.01	-0.01	0.02
<<Alt: 152.05 - 156 Moderate Calcite>> Banded calcite within RHY.											
<<Vein: 153.4 - 153.85 Quartz-Carbonate 35 deg. >> Deformed-brecciated quartz vein with patchy-carbonate.											
<<Struc: 152.05 - 152.06 Contact>> MAFi-RHY CNT.											
<<Struc: 154.8 - 154.81 dominant foliation>>											
155.70	**161.04**	**OI** **Heavilly disseminated sulphides in host schist**	155.70	157.00	1.30	D00004292	0.013	1.4	-0.01	0.02	3.44
155.7 - 161.04: Sulphide and calcite FRA within RHYi.											
<<Min: 156 - 158.5 2% Min: Pyrite>>			157.00	158.00	1.00	D00004293	0.01	2	0.01	0.04	4.75
<<Min: 156 - 159.44 12% Min: Sphalerite>> Red to orangish-brown SP FRA.			158.00	159.00	1.00	D00004294	0.011	1.6	0.01	0.03	1.91
<<Min: 158.5 - 161.35 6% Min: Pyrite>> PY FRA and vuggy, veinlets.			159.00	160.00	1.00	D00004295	-0.005	2.5	0.02	0.05	2.5
<<Min: 159.44 - 161.35 2% Min: Sphalerite>>			160.00	161.04	1.04	D00004296	-0.005	1.5	0.01	0.05	1.48
<<Alt: 156 - 160 Strong Calcite>> Patchy-calcite FRA.											
<<Alt: 156 - 169.2 Weak-Moderate Muscovite>> Patchy-pervasive MU alteration within RHYi.											
<<Alt: 159.44 - 161.04 Weak-Moderate Chlorite>>											
<<Alt: 160 - 169.2 Weak Calcite>> Disseminated and FRA calcite.											
<<Vein: 156 - 159.5 Carbonate-Sulphide>> Calcite and sulphide FRA (20-25%) within RHYi.											
<<Vein: 159.5 - 161.6 Quartz-Carbonate-Sulphide>> Quartz stringers-veinlets containing patchy-calcite, and traces of sulphides. Mass sulphide replacement has occurred within rare veinlets.											
<<Struc: 155.7 - 155.71 Contact>> RHY-RHYi (OI) CNT.											
<<Struc: 156.75 - 156.76 dominant foliation>> Mineralized banding.											

From (m)	To (m)	Rocktype & Description
161.04	**169.20**	**RHYi Aphanitic Rhyolite (intrusion)**
161.04 - 169.2: Aphanitic RHY with sub-rounded quartz vesicles, weak-moderate sericite alteration, and minor sulphide FRA.		
<<Min: 161.35 - 169.2 3% Min: Sphalerite>>		
<<Min: 161.35 - 169.2 2% Min: Pyrite>>		
<<Min: 161.35 - 169.2 1% Min: Pyrrhotite>> Elongated-blebs, disseminated along foliation.		
<<Vein: 163.5 - 163.72 Quartz-Carbonate-Sulphide 35 deg. >> Patchy-calcite and blebby-sulphides within quartz vein.		
<<Struc: 161.75 - 161.76 dominant foliation>>		
<<Struc: 164.1 - 164.11 dominant foliation>>		
<<Struc: 166.12 - 166.13 dominant foliation>>		
169.20	**178.20**	**RHY undifferentiated rhyolite**
169.2 - 178.2: Massive quartz-carbonate vein from 173-174.28m.		
<<Min: 169.2 - 178.2 1% Min: Sphalerite>> Disseminated SP banding.		
<<Min: 169.2 - 178.2 1% Min: Pyrite>> Disseminated PY banding.		
<<Min: 169.2 - 178.2 2% Min: Pyrrhotite>> Disseminated PO banding.		
<<Alt: 169.2 - 178.2 Moderate-Strong Calcite>>		
<<Alt: 169.2 - 178.3 Moderate-Strong Muscovite>>		
<<Alt: 174.36 - 177.85 Moderate Silicification>>		
<<Vein: 170.56 - 170.57 Massive Sulphide/Sulphides undifferentiated 25 deg. >> Sulphide veinlet with brecciated, sub-angular clasts of quartz.		
<<Vein: 173 - 173.45 Quartz-Carbonate 55 deg. >> Massive quartz vein; calcite and chlorite blebs and FRA.		
<<Vein: 173.45 - 174.28 Calcite 45 deg. >> Massive calcite vein with patches of quartz.		
<<Struc: 169.2 - 169.21 Contact>> RHYi-RHY CNT.		
<<Struc: 172.3 - 172.31 dominant foliation>>		
<<Struc: 173 - 173.01 Vein>> RHY-quartz vein CNT.		
<<Struc: 175.55 - 175.56 dominant foliation>>		
<<Struc: 176.6 - 176.61 dominant foliation>>		
178.20	**183.00**	**MAFi Mafic Intrusions (primarily footwall mafic intrusion)**
178.2 - 183: Localized bleached zones.		
<<Min: 178.2 - 183 0.1% Min: Pyrite>>		
<<Min: 178.2 - 183 0.5% Min: Pyrrhotite>>		

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
161.04	162.50	1.46	D00004297	-0.005	0.9	-0.01	0.02	0.19
162.50	164.00	1.50	D00004298	-0.005	1.3	-0.01	0.05	0.08
164.00	165.50	1.50	D00004299	0.005	2	-0.01	0.03	0.16
165.50	167.00	1.50	D00004301	0.016	1.9	-0.01	0.06	0.62
167.00	168.50	1.50	D00004302	0.015	0.4	-0.01	-0.01	0.19

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 179 - 183 Weak-Moderate Muscovite>> Patchy-zones of muscovite alteration within MAFi. <<Vein: 181.5 - 181.54 Quartz-Carbonate 25 deg. >> Quartz vein with patchy-carbonate. <<Struc: 179.93 - 179.94 dominant foliation>> **End of Hole @ 183**											