EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-344

Prospect:	Krakatoa	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Dillon Hume
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	5/16/2016
UTM Easting	414973.3999	Core Size:	HQ3	Azimuth:	31.26	Date Logging Complete:	5/19/2016
UTM Northing:	6815004.9884	Casing Pulled?:	Yes	Dip:	-75	Drill Company:	Hytech
UTM Elev. (m):	1385.694	Casing Depth (m):	27	Length (m):	224.2	Drill Rig:	Tech 5000
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	5/14/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	5/18/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource/Met
						Parent Hole:	

Comments:

K16-344 was drilled to test the inferred resource of the Krakatoa lenses, as well as to collect metallurgical samples of mineralized and wall rock domains.
Due to large drill hole deviation through the overburden, a wedge was set at 45.6 m, thus causing extra core (~1.1 m) in the box from drilling side by side over this distance. Orientation of the core was not marked between 45.6-67.5 m due to use of a 1.5 m drill rod during wedging.
Bedrock was encountered at 26.2 m. From 26.2-56.7 m the felsic hanging wall package occurs, consisting of volcaniclastic rhyolite, coherent rhyolite, and mudstone. From 56.7-61.9 m (5.2 m), disseminated to massive sulfide occurs, consisting of OB surrounded by OI. The OI mineralization was strongly altered and brecciated. Below this mineralization, the mafic sill occurs from 61.9-82.1 m. From 82.1-84.1 m (2 m), massive sulfide (OB) occurs. Below the OB mineralization undifferentiated, faulted, and strongly MU-altered rhyolite occurs from 84.1-89.4 m. From 89.4-94.6 m, the mafic sill occurs. From 94.6-98.7 m (4.1 m) heavily disseminated to semi-massive sulfide occurs in a calcite+silica matrix (OK). Below this mineralization lens, the aphanitic rhyolite (RHYi), with a minor interval of coherent rhyolite, occurs from 94.6-167.6 m. Below the RHYi the mafic sill occurs again from167.6-169.7 m. From 169.7-170.3 m (0.5 m) OJ style mineralization occurs. Below this final mineralization lens, a felsic footwall package occurs to 224.2 m, consisting of coherent rhyolite, volcaniclastic rhyolite, and minor mudstone. Note that weak MU-alteration persists to the bottom of the hole.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-75	29.86	1.4	31.26	APS	Dillon Hume	5/14/2016		☑	Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth.
36	-75.6	18.2	22.1	40.3	ReflexEZS	Hytech	5/14/2016	5743	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
45.6	-75.5	17.3	22.1	39.4	ReflexEZS	Hytech	5/15/2016	5709	☑	Wedge set at 45.6 m. Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
45.61	-75.9	16.6	22.1	38.7	ReflexEZS	Hytech	5/15/2016	5704	☑	Wedge set at 45.6 m. Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
55.5	-77.4	12.6	22.1	34.7	ReflexEZS	Hytech	5/15/2016	5747	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
69	-78.2	13.4	22.1	35.5	ReflexEZS	Hytech	5/16/2016	5705	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
93	-79.3	9.5	22.1	31.6	ReflexEZS	Hytech	5/16/2016	5704	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
96	-79.1	9.2	22.1	31.3	ReflexEZS	Hytech	5/16/2016	5702	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
117	-79.9	11.3	22.1	33.4	ReflexEZS	Hytech	5/16/2016	5673	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
141	-80.3	11.4	22.1	33.5	ReflexEZS	Hytech	5/16/2016	5672	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
165	-80.7	14.2	22.1	36.3	ReflexEZS	Hytech	5/17/2016	5659	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
189	-81.7	16	22.1	38.1	ReflexEZS	Hytech	5/17/2016	5679	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
213	-82	15.1	22.1	37.2	ReflexEZS	Hytech	5/17/2016	5716	☑	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
224.2	-82.7	15.7	22.1	37.8	ReflexEZS	Hytech	5/18/2016	5698	☑	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 26.20 OVBN Overburden

26.20 33.40 RHYvl Lapilli tuff

26.2 - 33.4: PO lpl in QZ-MU groundmass

<<Min: 26.2 - 37.1 1% Min: Pyrrhotite>>

<<Alt: 26.2 - 33.4 Weak-Moderate Muscovite>>

<<Alt: 26.2 - 56.7 Weak Calcite>>

33.40 37.10 RHYc Rhyolite coherant volcanics

33.4 - 37.1: Siliceous banded rhyolite with 5-10 % disseminated to wispy PY

<<Min: 33.4 - 37.1 8% Min: Pyrite>>

<<Alt: 33.4 - 37.1 Moderate-Strong Muscovite>>

<<Struc: 36.8 - 36.81 dominant foliation>>

37.10 37.70 MDSc Carbonaceous dominant mudstone

<<Min: 37.1 - 39.4 2% Min: Pyrite>>

37.70 39.40 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

37.7 - 39.4: Sheared/faulted MDS-RHY contact

<<Alt: 37.7 - 56.7 Moderate Muscovite>>

<<Struc: 37.7 - 39.4 Moderate Fault>> Sheared/faulted MDS-RHY contact

From (m)	To (m)	Rocktype & Description
39.40	**56.70**	**RHYcw** **Curdy textured-flow banded (flows, subvolcanics)**
39.4 - 56.7: Flow banded rhyolite with locally well developed spaced MU cleavage		
<<Min: 39.4 - 56.7 2% Min: Pyrite>>		
<<Min: 39.4 - 57.4 0.1% Min: Sphalerite>>		
56.70	**58.60**	**OI** **Heavilly disseminated sulphides in host schist**
56.7 - 58.6: Sub-rounded BI-AB altered clasts within a fine grained sericite matrix. Heavily disseminated to blebby PY + CP +/- SP +/- GL.		
<<Min: 56.7 - 58.6 1% Min: Sphalerite>>		
<<Min: 56.7 - 58.6 5% Min: Pyrite>>		
<<Min: 56.7 - 58.6 0.5% Min: Galena>>		
<<Min: 56.7 - 58.6 1% Min: Chalcopyrite>>		
<<Alt: 56.7 - 58.6 Strong Muscovite>>		
<<Alt: 56.7 - 58.6 Moderate Calcite>>		
<<Alt: 56.7 - 58.6 Moderate-Strong Biotite>>		
<<Alt: 57.9 - 58.6 Strong Albite>>		
<<Struc: 56.7 - 58.6 Moderate Fault>> Strongly alterated brecciated zone, with BI-AB altered clasts in a sericitic matrix. Patchy to disseminated sulfides occur in both matrix and clasts.		
58.60	**60.50**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**
58.6 - 60.5: Massive PY with disseminated to banded SP+GL and patchy CP. Local patches of sericite and minor sericitc matrix. Minor fracture filling calcite.		
<<Min: 58.6 - 60.5 3% Min: Sphalerite>>		
<<Min: 58.6 - 60.5 90% Min: Pyrite>>		
<<Min: 58.6 - 60.5 1% Min: Galena>>		

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
47.70	48.70	1.00	B00292051	-0.005	0.3	-0.01	-0.01	-0.01
48.70	49.70	1.00	B00292052	0.01	0.5	-0.01	-0.01	-0.01
49.70	50.70	1.00	B00292053	0.089	4.6	0.02	0.04	0.16
50.70	51.70	1.00	B00292054	0.04	1.4	-0.01	0.01	0.02
51.70	52.70	1.00	B00292055	0.014	1.2	-0.01	-0.01	0.03
52.70	53.70	1.00	B00292056	0.013	0.7	-0.01	-0.01	0.05
53.70	54.70	1.00	B00292057	0.015	1	-0.01	-0.01	-0.01
54.70	55.70	1.00	B00292058	0.065	5.4	0.01	0.02	0.13
55.70	56.70	1.00	B00292059	0.187	12	0.01	0.05	0.11
56.70	57.70	1.00	B00292061	0.847	58.5	0.61	0.26	2.36
57.70	58.60	0.90	B00292062	0.531	56	0.9	0.25	0.41
58.60	59.60	1.00	B00292063	2.59	296	0.97	3.32	11.1
59.60	60.50	0.90	B00292064	2.52	283	1.86	2.84	9.63

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 58.6 - 60.5 0.5% Min: Chalcopyrite>>									
		<<Alt: 58.6 - 59 Weak Muscovite>>									
		<<Alt: 58.6 - 59 Weak Calcite>> FRA CA in MXSX									
60.50	**61.90**	**OI** **Heavilly disseminated sulphides in host schist**	60.50	61.10	0.60	B00292065	1.5	142	0.72	1.08	3.59
		60.5 - 61.9: Heavily disseminated PY +/- SP +/- GL +/- CP in strong pervassive MU-altered groundmass and disseminated BI. Locally brecciated with sericitic matrix.									
		<<Min: 60.5 - 61.9 0.5% Min: Sphalerite>>	61.10	61.90	0.80	B00292066	0.054	32.5	0.1	0.62	1.81
		<<Min: 60.5 - 61.9 15% Min: Pyrite>>									
		<<Min: 60.5 - 61.9 0.5% Min: Galena>>									
		<<Min: 60.5 - 61.9 0.5% Min: Chalcopyrite>>									
		<<Alt: 60.5 - 61.9 Strong Muscovite>>									
		<<Alt: 60.5 - 61.9 Weak Biotite>>									
		<<Alt: 61 - 62.5 Moderate Calcite>>									
		<<Vein: 61.5 - 61.9 90% Quartz 35 deg. >> QZ-CA with patchy PY+SP+GL+CP (m-cgr)									
		<<Struc: 61.3 - 62.4 Weak-Moderate Fault>> Moderately faulted, mineralized, and altered contact between MXSX (above) and MAFi (below)									
61.90	**82.10**	**MAFi** **Mafic Intrusions (primarily footwall mafic intrusion)**	61.90	62.90	1.00	B00292067	0.018	3.8	0.03	0.05	0.16
		61.9 - 82.1: Faulted upper and lower contacts with mineralization									
		<<Min: 61.9 - 81.4 0.5% Min: Pyrite>>	62.90	63.90	1.00	B00292068	-0.005	0.4	-0.01	-0.01	0.01
		<<Min: 81.4 - 82.1 10% Min: Pyrite>> Fautled RHY with clast of MXSX	63.90	64.90	1.00	B00292069	-0.005	0.4	-0.01	-0.01	0.01
		<<Alt: 61.9 - 62.9 Weak-Moderate Muscovite>>	64.90	65.90	1.00	B00292071	-0.005	-0.3	-0.01	-0.01	0.01
		<<Alt: 61.9 - 62.9 Weak-Moderate Chlorite>>	65.90	66.90	1.00	B00292072	0.011	0.6	-0.01	-0.01	0.01
		<<Alt: 61.9 - 62.9 Moderate Biotite>>	66.90	67.90	1.00	B00292073	-0.005	0.3	-0.01	-0.01	-0.01
		<<Alt: 62.5 - 82.1 Weak-Moderate Calcite>>	67.90	68.90	1.00	B00292074	-0.005	-0.3	-0.01	-0.01	0.02
		<<Alt: 62.9 - 81.2 Strong Chlorite>>	68.90	69.90	1.00	B00292075	-0.005	0.7	-0.01	-0.01	0.01
		<<Alt: 62.9 - 81.4 Moderate Biotite>>	69.90	70.90	1.00	B00292076	0.005	0.7	-0.01	-0.01	0.01
		<<Alt: 81.2 - 81.4 Weak Chlorite>>	70.90	71.90	1.00	B00292077	-0.005	0.3	-0.01	-0.01	0.01
		<<Alt: 81.2 - 81.4 Moderate-Strong Biotite>>	71.90	73.00	1.10	B00292078	-0.005	-0.3	-0.01	-0.01	0.01
		<<Alt: 81.4 - 82.1 Strong Muscovite>> MU-altered fault zone	73.00	74.10	1.10	B00292079	0.007	-0.3	-0.01	-0.01	0.01
		<<Vein: 77.95 - 78 100% Calcite 50 deg. >> Massive CA-CL vein	74.10	75.20	1.10	B00292081	-0.005	-0.3	-0.01	-0.01	0.01
		<<Struc: 66.4 - 66.5 Weak Fault>>	75.20	76.20	1.00	B00292082	-0.005	-0.3	-0.01	-0.01	0.01

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Struc: 70.16 - 70.17 dominant foliation>>			76.20	77.20	1.00	B00292083	-0.005	0.4	-0.01	-0.01	-0.01
<<Struc: 73.86 - 73.87 dominant foliation>>			77.20	78.20	1.00	B00292084	0.005	1	0.02	-0.01	0.01
<<Struc: 81.4 - 82.1 Weak-Moderate Fault>> Clay gouge fault/shear and altered contact between MAFi (above) and MXSX (below)			78.20	79.20	1.00	B00292085	-0.005	-0.3	-0.01	-0.01	-0.01
			79.20	80.20	1.00	B00292086	-0.005	0.7	-0.01	-0.01	0.01
			80.20	81.20	1.00	B00292087	-0.005	-0.3	-0.01	-0.01	0.01
			81.20	82.10	0.90	B00292088	0.075	23.2	0.07	0.23	1.38
82.10	**84.10 OB**	**Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	82.10	83.10	1.00	B00292089	1.02	112	0.36	1.19	6.3
82.1 - 84.1: Massive PY+SP+/-GL with disseminated CI+CL+CA											
<<Min: 82.1 - 84.1 2% Min: Sphalerite>>			83.10	84.10	1.00	B00292092	1.05	157	0.67	1.32	7.91
<<Min: 82.1 - 84.1 90% Min: Pyrite>>											
<<Min: 82.1 - 84.1 0.5% Min: Galena>>											
<<Alt: 82.1 - 82.9 Weak Cordierite>> CI porphyroblasts											
<<Alt: 82.1 - 84.1 Weak-Moderate Calcite>>											
84.10	**89.40 RHY**	**undifferentiated rhyolite**	84.10	85.60	1.50	B00292093	0.856	78	0.09	0.1	0.35
84.1 - 89.4: Faulted RHY with local massive QZ+/-sulfide veins											
<<Min: 84.1 - 94.6 0.5% Min: Pyrite>>			85.60	86.70	1.10	B00292094	0.012	2.6	-0.01	0.03	0.02
<<Alt: 84.1 - 89.4 Moderate-Strong Muscovite>>			86.70	88.20	1.50	B00292095	0.045	2.1	-0.01	0.01	0.03
<<Vein: 84.5 - 86.7 15% Quartz>> Faulted rhyolite with 5-30 cm wide QZ veins			88.20	89.40	1.20	B00292096	-0.005	1.2	-0.01	-0.01	-0.01
<<Vein: 89 - 89.1 100% Quarzt-Biotite 45 deg. >> 10 cm wide QZ vein with patchy BI											
<<Struc: 84.1 - 88.4 Moderate Fault>> Clay gouge rhyolite fault breccia											
89.40	**94.60 MAFi**	**Mafic Intrusions (primarily footwall mafic intrusion)**	89.40	90.40	1.00	B00292097	0.009	1.1	-0.01	-0.01	0.03
<<Alt: 89.4 - 94.6 Strong Chlorite>>			90.40	91.90	1.50	B00292098	0.009	0.5	-0.01	-0.01	0.02
<<Alt: 89.4 - 94.6 Moderate Calcite>>			91.90	93.40	1.50	B00292099	0.006	0.3	-0.01	-0.01	0.02
<<Alt: 89.4 - 94.6 Moderate Biotite>>			93.40	94.60	1.20	B00292101	0.015	0.6	-0.01	-0.01	0.02
<<Struc: 93.09 - 93.1 dominant foliation>>											

From (m)	To (m)		Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
94.60	**98.70**	**OK**	**Heavilly disseminated sulphides and/or stringer style mineralization associated with barite ± quartz ± carbonate gangue**	94.60	95.60	1.00	B00292102	0.389	24.6	0.02	0.33	1.13
94.6 - 98.7: Patchy to semi-massive PY+SP+GL+/-CP within CA+SI matrix with disseminated MG. Local patches of CL alteration.												
<<Min: 94.6 - 98.7 5% Min: Sphalerite>>				95.60	96.70	1.10	B00292103	2.79	297	0.14	2.84	4.54
<<Min: 94.6 - 98.7 40% Min: Pyrite>>				96.70	97.70	1.00	B00292104	2.99	384	0.23	3.06	4.68
<<Min: 94.6 - 98.7 3% Min: Magnetite>>				97.70	98.70	1.00	B00292105	5.65	424	0.25	3.14	4.06
<<Min: 94.6 - 98.7 2% Min: Galena>>												
<<Alt: 94.6 - 95.6 Weak-Moderate Chlorite>>												
<<Alt: 94.6 - 98.7 Weak-Moderate Silicification>>												
<<Alt: 94.6 - 98.7 Moderate-Strong Calcite>>												
<<Struc: 96.97 - 96.98 dominant foliation>> Sulfide band with ~2 cm of offset along small steep fault plane												
<<Struc: 97 - 97.01 Trace Fault>> Small calcite cemented fault plane with ~2 cm offset of sulfide band. Normal fault with E-side down.												
98.70	**154.30**	**RHYi**	**Aphanitic Rhyolite (intrusion)**	98.70	100.20	1.50	B00292106	0.089	10.2	-0.01	0.07	0.09
98.7 - 154.3: Very siliceous, pink to grey, aphanitic rhyolite. Locally banded and/or FD phenocrystics (fgr).												
<<Min: 98.7 - 167.75 1% Min: Pyrite>>				100.20	101.70	1.50	B00292107	0.014	3	-0.01	0.03	0.05
<<Alt: 98.7 - 154.3 Weak Albite>> Patchy pink albite (?)				101.70	103.20	1.50	B00292108	0.017	2.6	-0.01	0.04	0.06
<<Alt: 98.7 - 167.6 Weak-Moderate Calcite>> FRA CA in RHYi				103.20	104.70	1.50	B00292109	0.009	1.5	-0.01	0.02	0.03
<<Vein: 118.2 - 118.3 100% Quartz>> White QZ vein with minor PY on selvage				104.70	106.20	1.50	B00292111	0.008	1.4	-0.01	0.02	0.07
<<Struc: 123.17 - 123.18 dominant foliation>>				106.20	107.70	1.50	B00292112	0.008	1.2	-0.01	0.02	0.03
<<Struc: 125.1 - 125.11 dominant foliation>>												
<<Struc: 137.96 - 137.97 dominant foliation>>												
154.30	**160.70**	**RHYc**	**Rhyolite coherant volcanics**									
154.3 - 160.7: Silica-MU banded rhyolite within RHYi												
<<Alt: 154.3 - 160.7 Moderate Muscovite>> OP or OR? Within RHYi												
160.70	**167.60**	**RHYi**	**Aphanitic Rhyolite (intrusion)**	160.70	162.00	1.30	B00292113	0.008	-0.3	-0.01	-0.01	-0.01
<<Alt: 166.5 - 169.7 Weak-Moderate Muscovite>> RHYi displays increasing MU alteration downhole (beginning at ~166.5 m). MAFi displays moderate bright green (MU/sericite?) alteration, particularly near upper and lower contact.				162.00	163.50	1.50	B00292114	0.007	-0.3	-0.01	-0.01	-0.01
<<Vein: 165.45 - 165.5 100% Quartz 30 deg. >> Massive white QZ vein with sericitic selvages				163.50	165.00	1.50	B00292115	0.006	0.6	-0.01	-0.01	-0.01

From (m)	To (m)	Rocktype & Description

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
165.00	166.50	1.50	B00292116	-0.005	0.4	-0.01	-0.01	-0.01
166.50	167.60	1.10	B00292117	-0.005	0.3	-0.01	-0.01	-0.01
167.60	168.60	1.00	B00292118	0.138	34.9	0.04	0.39	0.96

167.60 169.70 MAFi **Mafic Intrusions (primarily footwall mafic intrusion)**

167.6 - 169.7: MAFi displays moderate bright green (MU/sericite?) alteration, particularly near upper and lower contact. Minor ~5cm wide MXSX near upper contact with RHYi.

<<Min: 167.75 - 167.8 80% Min: Pyrite>>

<<Min: 167.75 - 167.8 1% Min: Galena>>

<<Min: 167.8 - 169.7 0.1% Min: Pyrite>>

<<Alt: 167.6 - 169.7 Moderate Calcite>>

<<Struc: 169.5 - 169.7 Weak Fault>> Faulted contact between MAFi (above) and OJ (below)

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
168.60	169.70	1.10	B00292119	0.023	1.4	-0.01	0.01	0.04

169.70 170.30 OJ **Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock**

169.7 - 170.3: Grades from massive (top) PO+PY with diss MG+CP to blebby CP+/-PY

<<Min: 169.7 - 170.3 15% Min: Pyrite>>

<<Min: 169.7 - 170.3 10% Min: Pyrrhotite>>

<<Min: 169.7 - 170.3 5% Min: Magnetite>>

<<Min: 169.7 - 170.3 5% Min: Chalcopyrite>>

<<Alt: 169.7 - 170.3 Moderate-Strong Muscovite>> Cgr silver MU in MIN

<<Alt: 169.7 - 170.3 Weak Calcite>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
169.70	170.30	0.60	B00292121	0.333	53.8	2.63	0.04	6.18

170.30 172.70 RHYc **Rhyolite coherant volcanics**

170.3 - 172.7: Flow banded to foliated rhyolite. MU-alteration decreases intensity from the top down.

<<Min: 170.3 - 171.3 3% Min: Pyrite>>

<<Min: 171.3 - 172.7 1% Min: Pyrite>>

<<Alt: 170.3 - 171.3 Moderate Muscovite>>

<<Alt: 170.3 - 172.7 Trace Calcite>>

<<Alt: 171.3 - 172.7 Weak Muscovite>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
170.30	171.30	1.00	B00292122	0.028	2.6	0.01	0.04	0.14
171.30	172.70	1.40	B00292123	0.011	-0.3	-0.01	-0.01	-0.01

172.70 173.20 MDSc **Carbonaceous dominant mudstone**

172.7 - 173.2: Faulted upper and lower contacts

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
172.70	173.20	0.50	B00292124	0.006	1.4	0.03	0.01	0.24

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 172.7 - 173.2 1% Min: Pyrrhotite>>									
		<<Alt: 172.7 - 173.2 Weak Calcite>> FRA CA in MDSc									
		<<Struc: 172.7 - 172.85 Weak Fault>> Fautled contact between RHY (above) and MDS (below)									
173.20	**199.10**	**RHYvl Lapilli tuff**	173.20	174.70	1.50	B00292125	-0.005	-0.3	-0.01	-0.01	-0.01
		173.2 - 199.1: Variable amounts of BCQlpl ranging from 5 to 30%.									
		<<Min: 173.3 - 190.2 1% Min: Pyrrhotite>>	174.70	176.20	1.50	B00292126	-0.005	0.3	-0.01	-0.01	0.02
		<<Min: 190.2 - 224.2 1% Min: Pyrite>>	176.20	177.70	1.50	B00292127	-0.005	-0.3	-0.01	-0.01	0.01
		<<Alt: 173.2 - 224.2 Weak Muscovite>> Weak sericite alteration along clevages throughout footwall. Maybe overprint?	177.70	179.20	1.50	B00292128	-0.005	-0.3	0.02	-0.01	-0.01
		<<Alt: 173.2 - 224.2 Trace Calcite>>	179.20	180.70	1.50	B00292129	-0.005	-0.3	-0.01	-0.01	0.01
		<<Struc: 173.2 - 173.3 Weak Fault>> Faulted contact between MDS (above) and RHY (below)									
		<<Struc: 177.27 - 177.28 dominant foliation>>									
		<<Struc: 186.91 - 186.92 dominant foliation>>									
199.10	**209.60**	**RHYcw Curdy textured-flow banded (flows, subvolcanics)**									
		199.1 - 209.6: Curdy to silica banded rhyolite									
209.60	**224.20**	**RHYvl Lapilli tuff**									
		<<Vein: 219.4 - 220 100% Quartz>> Massive white QZ vein with sericite + tourmaline alteration halo									
		<<Struc: 210.72 - 210.73 dominant foliation>>									
		<<Struc: 220.52 - 220.53 Crenulation cleavage>> Axial plane of folded rhyolite. Not a crenulation, but there was no proper code in Geospark for fold or axial plane at the time.									
		<<Struc: 221.13 - 221.14 dominant foliation>>									
		End of Hole @ 224.2									