EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-355

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:	6/1/2016
UTM Easting	415149.889	Core Size:	HQ3	Azimuth:	38.6	Date Logging Complete:	6/4/2016
UTM Northing:	6815067.709	Casing Pulled?:	Yes	Dip:	-80	Drill Company:	Hytech
UTM Elev. (m):	1406.322	Casing Depth (m):	7.5	Length (m):	329.7	Drill Rig:	Tech 5000
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	5/29/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	6/2/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource Definition
Comments:						Parent Hole:	

K16-355 was drilled to test inferred portions of the Krakatoa upper and Krakatoa main lenses.
K16-355 encountered bedrock at 4.5 m depth. The hanging wall felsic package consists of mixed coherent rhyolite, volcaniclastic rhyolite, aphanitic rhyolite, and pelitic sedimentary horizons, to a depth of 185.3 m. Moderate to strong MU-alteration is pervasive from 133.8-187 m. The mafic sill occurs from 185.3-247.5 m. Below the mafic sill the felsic footwall package occurs to the end of the hole (329.7 m), consisting of volcaniclastic rhyolite, sheared BI-MU schist, and fault zones. Below the mafic sill, moderate MU-alteration is pervasive from 244.7-254.6 m. No significant mineralization was encountered in K16-355. Faulting in the footwall may be the Sunda fault zone.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-80	37.2	1.4	38.6	APS	Ron Voordouw	5/29/2016		☑	Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth.
5	-79.68514	36.90022	1.4	38.30022	Gyro	Dillon Hume	6/2/2016		☑	
10	-79.79974	37.20772	1.4	38.60772	Gyro	Dillon Hume	6/2/2016		☑	
15	-79.96768	37.04451	1.4	38.44451	Gyro	Dillon Hume	6/2/2016		☑	
15.1	-79.9	18.6	22.1	40.7	ReflexEZS	Hytech	5/29/2016	5810	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
20	-80.08885	37.95396	1.4	39.35396	Gyro	Dillon Hume	6/2/2016		☑	
25	-80.20201	37.97158	1.4	39.37158	Gyro	Dillon Hume	6/2/2016		☑	
30	-80.64838	38.66261	1.4	40.06261	Gyro	Dillon Hume	6/2/2016		☑	
35	-80.70428	38.87214	1.4	40.27214	Gyro	Dillon Hume	6/2/2016		☑	
39	-80.8	19.6	22.1	41.7	ReflexEZS	Hytech	5/29/2016	5789	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
40	-80.73887	38.95605	1.4	40.35605	Gyro	Dillon Hume	6/2/2016		☑	
45	-80.82762	38.71763	1.4	40.11763	Gyro	Dillon Hume	6/2/2016		☑	
50	-80.86514	38.57149	1.4	39.97149	Gyro	Dillon Hume	6/2/2016		☑	
55	-80.94743	38.9269	1.4	40.3269	Gyro	Dillon Hume	6/2/2016		☑	
60	-80.94087	39.30036	1.4	40.70036	Gyro	Dillon Hume	6/2/2016		☑	

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
63	-77	10	22.1	32.1	ReflexEZS	Hytech	5/30/2016	5886	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
65	-80.94721	39.34521	1.4	40.74521	Gyro	Dillon Hume	6/2/2016		☑	
69	-81.1	19.9	22.1	42	ReflexEZS	Hytech	5/30/2016	5789	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
70	-81.08431	39.60178	1.4	41.00178	Gyro	Dillon Hume	6/2/2016		☑	
75	-81.41433	39.99559	1.4	41.39559	Gyro	Dillon Hume	6/2/2016		☑	
80	-81.6501	40.52421	1.4	41.92421	Gyro	Dillon Hume	6/2/2016		☑	
85	-81.95118	41.85211	1.4	43.25211	Gyro	Dillon Hume	6/2/2016		☑	
90	-81.90062	42.97544	1.4	44.37544	Gyro	Dillon Hume	6/2/2016		☑	
93	-82.2	25.9	22.1	48	ReflexEZS	Hytech	5/30/2016	5793	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
95	-82.36353	43.51544	1.4	44.91544	Gyro	Dillon Hume	6/2/2016		☑	
100	-82.44968	44.3735	1.4	45.7735	Gyro	Dillon Hume	6/2/2016		☑	
105	-82.60638	45.53607	1.4	46.93607	Gyro	Dillon Hume	6/2/2016		☑	
110	-82.47891	46.58557	1.4	47.98557	Gyro	Dillon Hume	6/2/2016		☑	
115	-82.75152	47.47227	1.4	48.87227	Gyro	Dillon Hume	6/2/2016		☑	
117	-83	27	22.1	49.1	ReflexEZS	Hytech	5/30/2016	5758	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
120	-82.88125	48.02396	1.4	49.42396	Gyro	Dillon Hume	6/2/2016		☑	
125	-82.99185	48.07442	1.4	49.47442	Gyro	Dillon Hume	6/2/2016		☑	
130	-83.08441	48.48308	1.4	49.88308	Gyro	Dillon Hume	6/2/2016		☑	
135	-83.03324	48.02027	1.4	49.42027	Gyro	Dillon Hume	6/2/2016		☑	
140	-83.17175	47.72379	1.4	49.12379	Gyro	Dillon Hume	6/2/2016		☑	
141	-83.2	27.2	22.1	49.3	ReflexEZS	Hytech	5/30/2016	5778	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
145	-83.24911	48.44087	1.4	49.84087	Gyro	Dillon Hume	6/2/2016		☑	
150	-83.4229	47.81061	1.4	49.21061	Gyro	Dillon Hume	6/2/2016		☑	
155	-83.48578	47.87299	1.4	49.27299	Gyro	Dillon Hume	6/2/2016		☑	
160	-83.49995	47.70193	1.4	49.10193	Gyro	Dillon Hume	6/2/2016		☑	
165	-83.60156	48.39151	1.4	49.79151	Gyro	Dillon Hume	6/2/2016		☑	
165.1	-84.1	29.2	22.1	51.3	ReflexEZS	Hytech	5/31/2016	5780	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
170	-83.83089	48.67277	1.4	50.07277	Gyro	Dillon Hume	6/2/2016		☑	
175	-83.94712	49.2698	1.4	50.6698	Gyro	Dillon Hume	6/2/2016		☑	
180	-84.00465	49.17771	1.4	50.57771	Gyro	Dillon Hume	6/2/2016		☑	

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
185	-84.26893	49.67405	1.4	51.07405	Gyro	Dillon Hume	6/2/2016		☑	
189	-84.4	29.9	22.1	52	ReflexEZS	Hytech	5/31/2016	5727	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
190	-84.17067	50.88591	1.4	52.28591	Gyro	Dillon Hume	6/2/2016		☑	
195	-84.46483	49.55555	1.4	50.95555	Gyro	Dillon Hume	6/2/2016		☑	
200	-84.48406	49.75597	1.4	51.15597	Gyro	Dillon Hume	6/2/2016		☑	
205	-84.59371	50.15643	1.4	51.55643	Gyro	Dillon Hume	6/2/2016		☑	
210	-84.6556	50.12006	1.4	51.52006	Gyro	Dillon Hume	6/2/2016		☑	
213	-84.9	33.6	22.1	55.7	ReflexEZS	Hytech	5/31/2016	5782	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
215	-84.77835	50.38743	1.4	51.78743	Gyro	Dillon Hume	6/2/2016		☑	
220	-84.88989	50.2027	1.4	51.6027	Gyro	Dillon Hume	6/2/2016		☑	
225	-84.98982	50.39135	1.4	51.79135	Gyro	Dillon Hume	6/2/2016		☑	
230	-85.02108	50.89151	1.4	52.29151	Gyro	Dillon Hume	6/2/2016		☑	
235	-85.11611	52.10795	1.4	53.50795	Gyro	Dillon Hume	6/2/2016		☑	
237	-85.3	31.4	22.1	53.5	ReflexEZS	Hytech	6/1/2016	5780	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
240	-85.23067	52.75184	1.4	54.15184	Gyro	Dillon Hume	6/2/2016		☑	
245	-85.39148	56.49993	1.4	57.89993	Gyro	Dillon Hume	6/2/2016		☑	
250	-85.73998	57.78477	1.4	59.18477	Gyro	Dillon Hume	6/2/2016		☑	
255	-85.96002	59.3674	1.4	60.7674	Gyro	Dillon Hume	6/2/2016		☑	
260	-86.13512	59.86758	1.4	61.26758	Gyro	Dillon Hume	6/2/2016		☑	
261	-86.5	43.2	22.1	65.3	ReflexEZS	Hytech	6/1/2016	5739	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
265	-86.35349	58.70677	1.4	60.10677	Gyro	Dillon Hume	6/2/2016		☑	
270	-86.45703	57.17631	1.4	58.57631	Gyro	Dillon Hume	6/2/2016		☑	
275	-86.55296	53.98662	1.4	55.38662	Gyro	Dillon Hume	6/2/2016		☑	
280	-86.63754	53.13527	1.4	54.53527	Gyro	Dillon Hume	6/2/2016		☑	
285	-86.47682	52.50374	1.4	53.90374	Gyro	Dillon Hume	6/2/2016		☑	
290	-86.83645	48.07636	1.4	49.47636	Gyro	Dillon Hume	6/2/2016		☑	
295	-86.83825	48.40587	1.4	49.80587	Gyro	Dillon Hume	6/2/2016		☑	
300	-86.81083	45.7806	1.4	47.1806	Gyro	Dillon Hume	6/2/2016		☑	
305	-86.77721	44.64701	1.4	46.04701	Gyro	Dillon Hume	6/2/2016		☑	
309	-87.1	25.6	22.1	47.7	ReflexEZS	Hytech	6/2/2016	5748	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
310	-87.11249	43.2128	1.4	44.6128	Gyro	Dillon Hume	6/2/2016		☑	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %

0.00 4.50 OVBN Overburden

4.50 12.00 RHYvl Lapilli tuff

4.5 - 12: Lpl content increases toward the lower contact with RHYcw. Upper portion of unit may be considered overburden, but is broken/rubbly rock of same lithology as bedrock.

<<Min: 4.5 - 32.5 0.5% Min: Pyrite>>

<<Alt: 4.5 - 12.6 Weak-Moderate Calcite>>

<<Vein: 6 - 8 10% Quartz>> QZ-vein in rubble section near overburden-bedrock interface

12.00 12.40 RHYcw Curdy textured-flow banded (flows, subvolcanics)

12.40 12.60 RHYvl Lapilli tuff

12.60 14.30 PEL Equigranular biotite + calcite +/- quartz rock

12.6 - 14.3: Heterogeneous foliated pelitic sediments

<<Alt: 12.6 - 14.3 Moderate Calcite>>

14.30 27.80 RHYcw Curdy textured-flow banded (flows, subvolcanics)

14.3 - 27.8: Well developed flow banded texture with abundant MU-cleavages (non-alteration) which resembles ashy material. Peperitic texture? Abundant massive QZ-veins.

<<Alt: 14.3 - 27.8 Weak Calcite>>

<<Vein: 15.8 - 28.5 35% Quartz-Carbonate>> Zone with abundant massive QZ+/-CA veins varying from 10 cm to 1.5 m wide (core length). Trace disseminated PY+PO in veins.

<<Struc: 27.53 - 27.54 Weak dominant foliation>>

27.80 32.50 PEL Equigranular biotite + calcite +/- quartz rock

27.8 - 32.5: Heterogeneous pelitic sediment with well developed gradational margins, grading from RHYcw to RHYva to PEL.

<<Alt: 27.8 - 32.5 Moderate Calcite>>

<<Struc: 32.4 - 32.41 Moderate dominant foliation>>

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %

32.50 66.60 RHYi Aphanitic Rhyolite (intrusion)

32.5 - 66.6: Light grey to pink, aphanitic rhyolite, with abundant randomly oriented cemented fractures. Upper contact appears to grade from silicic banded to aphanitic. Lower contact is gradational to interlayered with RHYcw (brecciated margin? Flow top breccia on RHYcw with RHYi flowing in pore space??).

<<Min: 32.5 - 66.6 1% Min: Pyrite>>

<<Alt: 32.5 - 70.5 Weak Calcite>>

66.60 70.50 RHYc Rhyolite coherant volcanics

66.6 - 70.5: Dominated by flow banded texture, but with local patches of fine grained ash (?) material and RHYi.

<<Min: 66.6 - 107.7 0.5% Min: Pyrite>>

70.50 77.20 PEL Equigranular biotite + calcite +/- quartz rock

70.5 - 77.2: ~gradational contacts

<<Alt: 70.5 - 77.2 Moderate Calcite>>

<<Vein: 72.27 - 72.3 100% Quartz-Carbonate 65 deg. >> Small QZ-CA vein

<<Struc: 71.2 - 71.6 Weak Fault>>

<<Struc: 71.35 - 71.5 Weak Fault>> Fault or zone of alteration? Disseminated QZ grains in light brown clay alteration

77.20 81.30 RHYc Rhyolite coherant volcanics

77.2 - 81.3: Grades from RHYvl at upper contact to RHYcw over ~30 cm, then into aphanitic rhyolite (RHYi). Broken and foliated lower margin.

<<Min: 77.2 - 81.3 0.5% Min: Pyrrhotite>>

<<Alt: 77.2 - 185.3 Weak Calcite>>

<<Vein: 78 - 81.3 20% Quartz-Sulphide>> Diffuse QZ-CA veining/alteration with minor thin QZ+/-PY veinlets

81.30 81.90 SED undifferentiated Sediment

81.3 - 81.9: PEL? or MAFi? Dark purple-olive green fine grained layer with minor wispy CA. Maybe RHYva. May be similar to WCK in K16-357?

<<Struc: 81.8 - 83.7 Weak Fault>> Zone of broken ground with minor gouge fault planes

81.90 87.20 RHYva Coarse grained to ash tuff

81.9 - 87.2: Fine grained medium grey ash tuff with minor lpl

<<Vein: 84.1 - 85.1 2% Quartz-Carbonate 75 deg. >> Minor thin QZ+CA+/-blebby tourmaline

<<Struc: 86.4 - 86.5 Weak Fault>> Minor gouge fault plane

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
87.20	**105.20**	**RHYvl Lapilli tuff**									
87.2 - 105.2: Unit is dominated by felsic lpl in ash matrix, with local zones of CL-BI lpl or ash-dominant layers.											
		<<Vein: 92.5 - 93 5% Quartz>> Minor folded/ptigmatic (?) QZ-veins in fault/shear zone									
		<<Struc: 89.07 - 89.13 Weak Fault>> Minor gouge fault plane									
		<<Struc: 90.7 - 93.65 Weak-Moderate Fault>> Zone with weak-moderate fault density									
		<<Struc: 95.6 - 95.7 Weak Fault>> Minor gouge fault plane									
		<<Struc: 96.55 - 96.56 Weak-Moderate dominant foliation>>									
		<<Struc: 96.7 - 96.75 Weak Fault>> Minor gouge fault plane									
		<<Struc: 99 - 101 Moderate Fault>> Zone of moderate fault intensity and density with core of clast supported fault gouge breccia									
105.20	**123.20**	**RHYva Coarse grained to ash tuff**	105.20	106.20	1.00	B00292278	-0.005	-0.3	-0.01	-0.01	-0.01
105.2 - 123.2: Fine grained ash tuff with minor blebs of siliceous material and disseminated PY											
		<<Min: 107.7 - 116.8 2% Min: Pyrite>>	106.20	107.70	1.50	B00292279	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Min: 116.8 - 119.7 1% Min: Pyrrhotite>>	107.70	109.20	1.50	B00292281	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Min: 119.7 - 167.1 0.5% Min: Pyrite>>	109.20	110.70	1.50	B00292282	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Alt: 107.7 - 116.8 Weak Muscovite>>	110.70	112.20	1.50	B00292283	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Alt: 119.7 - 133.8 Weak Muscovite>>	112.20	113.70	1.50	B00292284	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Struc: 108.62 - 108.63 Strong dominant foliation>>	113.70	115.20	1.50	B00292285	-0.005	0.3	-0.01	-0.01	0.01
		<<Struc: 111.73 - 111.74 Moderate-Strong dominant foliation>>	115.20	116.00	0.80	B00292286	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Struc: 113.9 - 113.91 Moderate dominant foliation>>	116.00	116.80	0.80	B00292287	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Struc: 116.08 - 116.09 Moderate dominant foliation>>	116.80	118.30	1.50	B00292288	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Struc: 119.3 - 121.8 Weak Fault>>	118.30	119.70	1.40	B00292289	-0.005	0.3	-0.01	-0.01	-0.01
123.20	**126.40**	**RHYvl Lapilli tuff**									
		<<Struc: 125.24 - 125.25 Moderate dominant foliation>>									
126.40	**133.80**	**RHYv Rhyolite volcaniclastic**									
126.4 - 133.8: Zone of shearing and moderate MU-alteration from ~128-133 m obscures the original texture											
		<<Struc: 128 - 129.8 Weak Fault>> Weak faulting in zone of shearing									
		<<Struc: 128 - 185.3 Moderate Shear>> Moderate to strong shearing of rhyolite, making original texture hard to determine. Locally coherent textures are preserved. Zones of brittle faulting within zone.									
133.80	**138.10**	**RHY undifferentiated rhyolite**									
		<<Alt: 133.8 - 146.4 Moderate Muscovite>>									
		<<Struc: 133.8 - 137 Weak Fault>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %

138.10 140.10 FLZ Fault Zone

138.1 - 140.1: Strong MU-alteration and faulting of rhyolite

<<Struc: 138.1 - 140.5 Strong Fault>> Clast-supported fault gouge breccia, with clasts of RHY and QZ-vein in sericitic matrix.

<<Struc: 138.8 - 143.3 Weak Fault>>

140.10 155.60 RHY undifferentiated rhyolite

140.1 - 155.6: Moderate-strong MU-alteration and shearing have obscured the original texture

<<Alt: 146.4 - 167.1 Strong Muscovite>>

<<Struc: 148.9 - 149.9 Moderate Fault>>

<<Struc: 151.5 - 155.6 Moderate-Strong Fault>>

155.60 157.30 FLZ Fault Zone

<<Struc: 155.6 - 157.3 Strong Fault>> Gouge-supported fault breccia, with clasts of RHY

157.30 181.40 RHY undifferentiated rhyolite

157.3 - 181.4: Well developed continuous transposition foliation. Strong MU-alteration and shearing obscures the texture making the lithology hard to determine (RHYc vs RHYv). Local coherent texture is preserved.

<<Min: 167.1 - 185.3 0.1% Min: Sphalerite>>

<<Min: 167.1 - 185.3 1% Min: Pyrite>>

<<Alt: 167.1 - 176.8 Moderate Muscovite>>

<<Alt: 176.8 - 185.6 Strong Muscovite>>

<<Vein: 179 - 179.2 40% Quartz>> Zone with patchy QZ-veining

<<Struc: 161.2 - 161.4 Moderate-Strong Fault>> Fault gouge

<<Struc: 163 - 163.2 Moderate-Strong Fault>> Fault gouge

<<Struc: 166 - 167.5 Weak-Moderate Fault>> Minor fault planes with ~5 cm of fault gouge

<<Struc: 169.3 - 169.6 Moderate-Strong Fault>> Fault gouge

<<Struc: 172.9 - 173.1 Moderate-Strong Fault>> Fault gouge

<<Struc: 176.2 - 176.21 Strong dominant foliation>>

<<Struc: 176.8 - 180.2 Weak-Moderate Fault>> Zone with weak-moderate faulting. Many sericitic cleavages with minor gouge.

181.40 185.30 RHYc Rhyolite coherant volcanics

181.4 - 185.3: Silica banded rhyolite with MU cleavages. Strong MU-alteration.

<<Min: 181.4 - 185.3 0.5% Min: Pyrrhotite>>

<<Struc: 182.4 - 182.5 Weak-Moderate Fault>> Minor fault gouge surface

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
185.30	**247.50**	**MAFi** **Mafic Intrusions (primarily footwall mafic intrusion)**	244.70	246.00	1.30	B00292291	-0.005	0.5	0.01	-0.01	0.02
185.3 - 247.5: Both the upper and lower contacts show Moderate-Strong MU-alteration											
<<Min: 185.3 - 247.5 0.1% Min: Pyrite>>			246.00	247.50	1.50	B00292292	-0.005	-0.3	-0.01	-0.01	0.02
<<Alt: 185.3 - 185.6 Weak Biotite>>											
<<Alt: 185.3 - 194 Moderate-Strong Calcite>>											
<<Alt: 185.6 - 186 Moderate Muscovite>>											
<<Alt: 185.6 - 186 Moderate-Strong Biotite>>											
<<Alt: 186 - 187 Strong Muscovite>>											
<<Alt: 186 - 187 Weak Biotite>>											
<<Alt: 187 - 188.2 Moderate-Strong Biotite>>											
<<Alt: 194 - 235 Weak Calcite>>											
<<Alt: 235 - 247.5 Moderate Calcite>>											
<<Alt: 244.7 - 247.5 Weak-Moderate Muscovite>> Weak to moderate MU-alteration (bleached colour) of MAFi near contact with RHY											
<<Vein: 185.3 - 194 3% Calcite>> Abundant CA veinlets in MAFi near contact with altered RHY											
<<Vein: 205 - 205.1 40% Calcite>> ~4 cm wide massive CA vein											
<<Vein: 235 - 247.5 2% Calcite>> Zone patchy deformed CA veinlets											
<<Struc: 185.42 - 185.43 Moderate dominant foliation>>											
<<Struc: 188.9 - 188.91 Moderate dominant foliation>>											
<<Struc: 196.63 - 196.64 Moderate dominant foliation>>											
<<Struc: 207.26 - 207.27 Weak dominant foliation>>											
<<Struc: 212.06 - 212.07 Weak-Moderate dominant foliation>>											
<<Struc: 215.26 - 215.37 Weak-Moderate dominant foliation>>											
<<Struc: 231.14 - 231.15 Weak-Moderate dominant foliation>>											
<<Struc: 240.15 - 240.16 Moderate dominant foliation>>											
247.50	**275.90**	**RHYv** **Rhyolite volcaniclastic**	247.50	248.50	1.00	B00292293	0.007	0.4	-0.01	0.02	0.01
247.5 - 275.9: Moderate to weakly altered rhyolite with local lpl. Strong deformation (faulting and shearing) make the original texture difficult to determine.											
<<Min: 247.5 - 265.4 1% Min: Pyrite>>			248.50	249.50	1.00	B00292294	0.01	0.7	-0.01	0.02	0.02
<<Min: 247.5 - 265.4 0.5% Min: Pyrrhotite>>			249.50	251.00	1.50	B00292295	0.008	0.7	-0.01	0.01	0.02
<<Min: 251 - 261 0.1% Min: Sphalerite>>			251.00	252.50	1.50	B00292296	0.018	3.5	-0.01	0.07	0.1
<<Min: 251 - 261 0.1% Min: Galena>>			252.50	254.00	1.50	B00292297	0.007	0.4	-0.01	-0.01	0.01

From (m)	To (m)	Rocktype & Description
		<<Min: 265.4 - 267.7 2% Min: Pyrite>> Clasts of sulfide in fault zone
		<<Min: 267.7 - 285.4 1% Min: Pyrrhotite>>
		<<Alt: 247.5 - 254.6 Moderate Muscovite>>
		<<Alt: 247.5 - 285.4 Weak Calcite>>
		<<Alt: 254.6 - 329.7 Weak Muscovite>> MU cleavages throughout interval. May transition from original to overprint, but is difficult to determine.
		<<Vein: 249.84 - 249.92 80% Quartz-Carbonate 50 deg. >> Small white QZ-CA vein
		<<Vein: 251 - 261 5% Quartz 80 deg. >> Zone with spaced 5-25 cm wide massive QZ-veins with minor disseminated PY +/- SP +/- GL +/- PO.
		<<Vein: 272.55 - 272.65 100% Quarzt-Chlorite-Carbonate>> Massive QZ vein with patchy CL+CA and disseminated PY+PO
		<<Struc: 247.5 - 265.4 Weak Fault>>
		<<Struc: 262.16 - 262.17 Weak-Moderate dominant foliation>>
		<<Struc: 265.4 - 268.6 Moderate Fault>>
		<<Struc: 268.6 - 275.9 Weak Fault>>
275.90	**283.50**	**FLZ Fault Zone**
		275.9 - 283.5: Brecciated and faulted RHY
		<<Min: 279.5 - 283.5 1% Min: Pyrite>> Clasts of sulfide in fault zone
		<<Vein: 276 - 278.5 2% Quartz-Tourmaline>> QZ-TML veins with vuggy TML cores and a QZ selvage in a FLZ
		<<Struc: 275.9 - 283.5 Moderate-Strong Fault>>
283.50	**285.20**	**RHYvx Quartz and/or feldspar crystal tuff**
		283.5 - 285.2: FD mgr crystals in rhyolite tuff. FD are fractured from faulting.
		<<Min: 283.5 - 312.4 0.5% Min: Pyrrhotite>>
		<<Struc: 283.5 - 285.4 Weak Fault>>
285.20	**292.70**	**SED undifferentiated Sediment**
		285.2 - 292.7: Strongly sheared BI-MU-CA-QZ schist with CA-QZ fgr augen porphyrclasts. Foliation locally displays buckle folding. Unit appears to have similar composition to BCQlpl.
		<<Alt: 285.4 - 312.4 Moderate Calcite>>
		<<Vein: 287 - 288 10% Quarzt-Chlorite-Carbonate>> Patchy deformed QZ veins with patchy CL+CA, disseminated PY+PO and CA fracture fill
		<<Struc: 285.4 - 293 Strong Shear>> Strongly sheared unit with variable foliation and buckle folding. Difficult to determine original texture due to deformation.
		<<Struc: 287 - 288.2 Weak Fault>>

From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
254.00	255.50	1.50	B00292298	0.008	-0.3	-0.01	-0.01	0.02
255.50	257.00	1.50	B00292299	0.006	-0.3	-0.01	-0.01	-0.01
257.00	258.50	1.50	B00292301	-0.005	-0.3	-0.01	-0.01	-0.01
262.50	264.00	1.50	B00292302	0.005	-0.3	-0.01	-0.01	0.01
264.00	265.40	1.40	B00292303	-0.005	-0.3	-0.01	-0.01	0.01
265.40	266.90	1.50	B00292304	0.014	-0.3	-0.01	-0.01	0.01
266.90	267.70	0.80	B00292305	0.005	-0.3	-0.01	-0.01	-0.01
267.70	269.00	1.30	B00292306	-0.005	-0.3	-0.01	-0.01	0.01
269.00	270.50	1.50	B00292307	-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: 291.7 - 297 Moderate Fault>>									
292.70	**296.30**	**RHYvl Lapilli tuff** 292.7 - 296.3: Appears to be a disaggregated version of the SED logged above and below with a more sericitic groundmass.									
		<<Min: 293.7 - 293.75 5% Min: Pyrite>> Clasts of sulfide in fault zone									
296.30	**298.00**	**SED undifferentiated Sediment** 296.3 - 298: Well foliated and sheared BI-MU-CA-QZ schist.									
298.00	**312.40**	**RHYvl Lapilli tuff** 298 - 312.4: Very similar to SED logged above but with more pervasive sericitic foliation with the BI-CA domains resembling lpl. Locally brecciated.	309.00	310.40	1.40	B00292308	-0.005	-0.3	-0.01	-0.01	0.01
		<<Vein: 308 - 308.2 80% Quartz-Tourmaline>> QZ-TML-CA vein. Patchy radiating TML with minor laths of CA in QZ groundmass	310.40	311.40	1.00	B00292309	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Vein: 310.3 - 311.3 100% Quartz 30 deg. >> Massive QZ-vein with blebs of TML and PO	311.40	312.40	1.00	B00292311	-0.005	-0.3	-0.01	-0.01	0.01
		<<Struc: 303 - 305 Moderate Fault>>									
		<<Struc: 305 - 312.4 Weak Fault>>									
312.40	**329.70**	**FLZ Fault Zone** 312.4 - 329.7: Strong faulting dominated by zones of breccia. Clasts consist of RHY and minor massive PY.	312.40	313.90	1.50	B00292312	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Min: 312.4 - 329.7 1% Min: Pyrite>> Clasts of sulfide in fault zone	313.90	315.40	1.50	B00292313	0.016	-0.3	-0.01	-0.01	-0.01
		<<Alt: 312.4 - 329.7 Weak-Moderate Calcite>>	315.40	316.90	1.50	B00292314	0.006	-0.3	-0.01	-0.01	-0.01
		<<Vein: 316.5 - 321.6 2% Quartz>> Minor QZ-vein +/- blebs of CL+CA and disseminated PY. Some vein material appears as clasts in the fault zone.	316.90	318.40	1.50	B00292315	0.017	0.4	-0.01	-0.01	-0.01
		<<Struc: 312.4 - 329.7 Moderate-Strong Fault>> Clast-supported fault breccia with gouge matrix. Clasts are dominantly RHY with minor massive PY (~1-2 cm). Sunda Fault?									
End of Hole @ 329.7											