EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-370

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:	6/24/2016
UTM Easting	415074.044	Core Size:	HQ3	Azimuth:	216.5	Date Logging Complete:	6/26/2016
UTM Northing:	6815186.12	Casing Pulled?:	Yes	Dip:	-80	Drill Company:	Hytech
UTM Elev. (m):	1386.375	Casing Depth (m):	6	Length (m):	280.5	Drill Rig:	Tech 5000
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	6/18/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	6/20/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource Definition
Comments:						Parent Hole:	

K16-370 was drilled to test inferred portions of the Krakatoa main and upper lenses. As well K16-370 was used for detailed geotechnical logging for the proposed underground mine.
K16-370 intercepted bedrock at 6.8 m. The felsic hanging wall package occurs from 6.8-130 m, consisting of mixed rhyolites and pelitic sediments. The mafic sill was encountered from 130 m to 139.1 m, followed by OJ mineralization from 139.1-140.6 m. Undifferentiated rhyolite was encountered from 140.6-145.7, with heavily disseminated sulfides (OI) from 141.7-142.3 m. Below this rhyolite massive sulfide (OA) occurs from 145.7-146.9 m. Another horizon of undifferentiated and altered rhyolite occurs from 146.9-148.4 m. Below this rhyolite another massive sulfide (OB) lens occurs from 148.4-150.7 m. The mafic sill occurs from 150.7-224.2 m, with 3 more lense of heavily disseminated to massive sulfide lenses, consisting of OJ (174.6-175.1 m), OF (180.8-181.7 m), and OB (198.1-199.4 m and 200.1-200.45 m). There is one more massive sulfide (OB) lens at the lower contact of the mafic sill from 224.2-224.6 m. Below this lens the felsic footwall package persists to the end of the hole (280.5 m) with weak alteration.
K16-370 intersected 9 separate horizons of mineralization with a total thickness of 9.05 m of ore mineralization.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-80	215.1	1.4	216.5	TN14	Roger Hulstein	6/18/2016		☑	Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth.
5	-79.87551	216.03805	1.4	217.43805	Gyro	Steve Bultitude	6/21/2016		☑	100
10	-79.9353	215.96911	1.4	217.36911	Gyro	Steve Bultitude	6/21/2016		☑	100
15	-79.91293	215.99591	1.4	217.39591	Gyro	Steve Bultitude	6/21/2016		☑	100
15.1	-79.8	3.7	22.1	25.8	ReflexEZS	Hytech	6/18/2016	4073	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
18	-79.7	199.9	22.1	222	ReflexEZS	Hytech	6/18/2016	5847	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
20	-79.79485	215.70939	1.4	217.10939	Gyro	Steve Bultitude	6/21/2016		☑	100
25	-79.81768	216.2979	1.4	217.6979	Gyro	Steve Bultitude	6/21/2016		☑	100
30	-79.7265	215.71671	1.4	217.11671	Gyro	Steve Bultitude	6/21/2016		☑	100
35	-79.73866	215.72938	1.4	217.12938	Gyro	Steve Bultitude	6/21/2016		☑	100
40	-79.62902	215.9759	1.4	217.3759	Gyro	Steve Bultitude	6/21/2016		☑	100
42	-79.6	197.4	22.1	219.5	ReflexEZS	Hytech	6/18/2016	5801	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
45	-79.62748	216.62464	1.4	218.02464	Gyro	Steve Bultitude	6/21/2016		☑	100

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
50	-79.60838	216.26883	1.4	217.66883	Gyro	Steve Bultitude	6/21/2016		☑	100
55	-79.50732	216.67122	1.4	218.07122	Gyro	Steve Bultitude	6/21/2016		☑	100
60	-79.46066	216.34871	1.4	217.74871	Gyro	Steve Bultitude	6/21/2016		☑	100
65	-79.36639	216.54536	1.4	217.94536	Gyro	Steve Bultitude	6/21/2016		☑	100
66	-79.5	199.9	22.1	222	ReflexEZS	Hytech	6/19/2016	5738	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
70	-79.31034	216.00217	1.4	217.40217	Gyro	Steve Bultitude	6/21/2016		☑	100
75	-79.31559	215.97868	1.4	217.37868	Gyro	Steve Bultitude	6/21/2016		☑	100
80	-79.37918	215.73408	1.4	217.13408	Gyro	Steve Bultitude	6/21/2016		☑	100
85	-79.40551	215.398	1.4	216.798	Gyro	Steve Bultitude	6/21/2016		☑	100
90	-79.39041	215.4867	1.4	216.8867	Gyro	Steve Bultitude	6/21/2016		☑	100
90.1	-79.3	199	22.1	221.1	ReflexEZS	Hytech	6/19/2016	5838	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
95	-79.37169	215.47641	1.4	216.87641	Gyro	Steve Bultitude	6/21/2016		☑	100
100	-79.35329	215.775	1.4	217.175	Gyro	Steve Bultitude	6/21/2016		☑	100
105	-79.28392	214.67927	1.4	216.07927	Gyro	Steve Bultitude	6/21/2016		☑	100
110	-79.27937	214.539	1.4	215.939	Gyro	Steve Bultitude	6/21/2016		☑	100
115	-79.15708	214.18068	1.4	215.58068	Gyro	Steve Bultitude	6/21/2016		☑	100
117	-79.1	193.2	22.1	215.3	ReflexEZS	Hytech	6/19/2016	5822	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
120	-79.11369	214.17738	1.4	215.57738	Gyro	Steve Bultitude	6/21/2016		☑	100
125	-78.98172	214.15924	1.4	215.55924	Gyro	Steve Bultitude	6/21/2016		☑	100
130	-78.82323	213.87663	1.4	215.27663	Gyro	Steve Bultitude	6/21/2016		☑	100
135	-78.71507	213.38349	1.4	214.78349	Gyro	Steve Bultitude	6/21/2016		☑	100
140	-78.71338	212.42183	1.4	213.82183	Gyro	Steve Bultitude	6/21/2016		☑	100
141	-79	193.1	22.1	215.2	ReflexEZS	Hytech	6/19/2016	5783	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
145	-78.69961	211.61965	1.4	213.01965	Gyro	Steve Bultitude	6/21/2016		☑	100
150	-78.805	211.70115	1.4	213.10115	Gyro	Steve Bultitude	6/21/2016		☑	100
155	-78.90405	211.85983	1.4	213.25983	Gyro	Steve Bultitude	6/21/2016		☑	100
160	-78.95393	212.00947	1.4	213.40947	Gyro	Steve Bultitude	6/21/2016		☑	100
165	-78.95209	212.54215	1.4	213.94215	Gyro	Steve Bultitude	6/21/2016		☑	100
165.1	-79.1	192.7	22.1	214.8	ReflexEZS	Hytech	6/19/2016	5777	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
170	-78.9832	213.06859	1.4	214.46859	Gyro	Steve Bultitude	6/21/2016		☑	100
175	-78.95402	213.13601	1.4	214.53601	Gyro	Steve Bultitude	6/21/2016		☑	100

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
180	-78.88761	213.50032	1.4	214.90032	Gyro	Steve Bultitude	6/21/2016		☑	100
185	-78.81031	213.44877	1.4	214.84877	Gyro	Steve Bultitude	6/21/2016		☑	100
189	-78.9	194.1	22.1	216.2	ReflexEZS	Hytech	6/19/2016	5765	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
190	-78.7431	213.17054	1.4	214.57054	Gyro	Steve Bultitude	6/21/2016		☑	100
195	-78.65411	213.5032	1.4	214.9032	Gyro	Steve Bultitude	6/21/2016		☑	100
200	-78.58463	213.50062	1.4	214.90062	Gyro	Steve Bultitude	6/21/2016		☑	100
205	-78.55216	213.45509	1.4	214.85509	Gyro	Steve Bultitude	6/21/2016		☑	100
210	-78.42539	213.27068	1.4	214.67068	Gyro	Steve Bultitude	6/21/2016		☑	100
213	-78.7	196.4	22.1	218.5	ReflexEZS	Hytech	6/20/2016	5800	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
215	-78.30222	212.86464	1.4	214.26464	Gyro	Steve Bultitude	6/21/2016		☑	100
220	-78.23053	212.90547	1.4	214.30547	Gyro	Steve Bultitude	6/21/2016		☑	100
225	-78.19261	212.73908	1.4	214.13908	Gyro	Steve Bultitude	6/21/2016		☑	100
230	-78.18234	212.94286	1.4	214.34286	Gyro	Steve Bultitude	6/21/2016		☑	100
235	-78.10493	212.87845	1.4	214.27845	Gyro	Steve Bultitude	6/21/2016		☑	100
237	-78.2	187.2	22.1	209.3	ReflexEZS	Hytech	6/20/2016	5670	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
240	-78.05516	212.70824	1.4	214.10824	Gyro	Steve Bultitude	6/21/2016		☑	100
245	-78.02642	212.2314	1.4	213.6314	Gyro	Steve Bultitude	6/21/2016		☑	100
250	-78.03809	212.16958	1.4	213.56958	Gyro	Steve Bultitude	6/21/2016		☑	100
255	-77.98568	211.80336	1.4	213.20336	Gyro	Steve Bultitude	6/21/2016		☑	100
260	-77.96666	211.73707	1.4	213.13707	Gyro	Steve Bultitude	6/21/2016		☑	100
261	-78	190.7	22.1	212.8	ReflexEZS	Hytech	6/20/2016	5776	☐	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
265	-77.91954	211.69893	1.4	213.09893	Gyro	Steve Bultitude	6/21/2016		☑	100
270	-77.89238	211.60042	1.4	213.00042	Gyro	Steve Bultitude	6/21/2016		☑	100
280.5	-77.8	191.8	22.1	213.9	ReflexEZS	Hytech	6/20/2016	5786	☐	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	**6.80**	**OVBN** **Overburden**									
6.80	**16.60**	**RHYif** **feldspar and quartz porphyry intrusions**									

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

<<Min: 6.8 - 42.5 2% Min: Pyrite>>

<<Alt: 6.8 - 16.6 Trace Calcite>>

16.60 18.90 PEL Equigranular biotite + calcite +/- quartz rock

<<Alt: 16.6 - 18.9 Moderate Calcite>>

18.90 30.20 RHYif feldspar and quartz porphyry intrusions

18.9 - 30.2: Pepperitic margins

<<Alt: 18.9 - 30.2 Trace Calcite>>

<<Struc: 25 - 25.2 Weak Fault>>

30.20 30.75 PEL Equigranular biotite + calcite +/- quartz rock

<<Alt: 30.2 - 30.75 Moderate Calcite>>

<<Struc: 30.3 - 31.1 Weak Fault>>

30.75 53.10 RHYif feldspar and quartz porphyry intrusions

30.75 - 53.1: Pepperitic margins

<<Min: 42.5 - 70.3 2% Min: Pyrrhotite>>

<<Alt: 30.75 - 53.1 Trace Calcite>>

<<Vein: 44.8 - 46.3 5% Quartz>> Massive QZ-veining

<<Vein: 52.1 - 57.6 10% Quartz>> Massive QZ-carb veining

53.10 55.50 RHYc Rhyolite coherant volcanics

<<Alt: 53.1 - 57.6 Weak-Moderate Calcite>>

55.50 57.60 PEL Equigranular biotite + calcite +/- quartz rock

<<Struc: 56.8 - 57 Weak Fault>>

57.60 70.30 RHYvx Quartz and/or feldspar crystal tuff

57.6 - 70.3: Siliceous crystal-lpl tuff

<<Alt: 57.6 - 70.3 Weak Calcite>>

<<Vein: 62.3 - 64.1 10% Quartz>> Massive QZ-carb veining

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

<<Struc: 69.9 - 70 Weak Fault>>

70.30 71.50 PEL Equigranular biotite + calcite +/- quartz rock

<<Min: 70.3 - 100.7 1% Min: Pyrrhotite>>

<<Alt: 70.3 - 71.5 Moderate Calcite>>

71.50 83.70 RHYva Coarse grained to ash tuff

71.5 - 83.7: Interbedded ash and lpl tuffs

<<Alt: 71.5 - 83.7 Trace Calcite>>

<<Struc: 72.4 - 74.1 Weak Fault>>

<<Struc: 75.1 - 76.7 Trace Fault>>

<<Struc: 78.5 - 78.8 Weak-Moderate Fault>>

<<Struc: 82.2 - 82.5 Weak Fault>>

<<Struc: 83.6 - 83.7 Weak Fault>>

83.70 100.70 RHYv Rhyolite volcaniclastic

<<Alt: 83.7 - 100.7 Weak Calcite>>

<<Vein: 98.9 - 99.1 50% Tourmaline>> TML-CA-QZ vein

<<Struc: 87.3 - 87.9 Weak-Moderate Fault>>

<<Struc: 91.6 - 91.9 Weak Fault>>

<<Struc: 92.3 - 92.6 Weak-Moderate Fault>>

<<Struc: 95.6 - 95.7 Weak Fault>>

<<Struc: 99.6 - 99.7 Weak Fault>>

100.70 124.30 RHYvl Lapilli tuff

100.7 - 124.3: Weak to moderate MU-alteration with felsic and PO lpl

<<Min: 100.7 - 122.3 1% Min: Pyrrhotite>>

<<Min: 122.3 - 122.6 5% Min: Pyrite>>

<<Min: 122.3 - 122.6 10% Min: Pyrrhotite>>

<<Min: 122.6 - 124.3 1% Min: Pyrrhotite>>

<<Alt: 100.7 - 113 Weak Muscovite>>

<<Alt: 100.7 - 130 Trace Calcite>>

<<Alt: 113 - 124.3 Moderate Muscovite>>

<<Alt: 121.5 - 122.3 Weak Chlorite>>

<<Vein: 104.1 - 104.3 80% Quartz>> Massive QZ-carb vein

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

<<Vein: 120.2 - 120.3 100% Quartz>> Massive QZ-vein

<<Vein: 121.6 - 127.5 5% Quartz 70 deg. >> Deformed massive QZ-veins with local blebs of carbonate and disseminated PO+PY. Veins vary from 2-10 cm wide.

<<Struc: 101.4 - 101.5 Weak-Moderate Fault>>

<<Struc: 103.2 - 110.2 Weak-Moderate Fault>>

<<Struc: 118.4 - 118.5 Trace Fault>>

<<Struc: 119.3 - 121 Weak Fault>>

124.30 130.00 RHYcw Curdy textured-flow banded (flows, subvolcanics)

124.3 - 130: Moderate to strong MU-alteration with flow banded, locally obscured due to alteration.

<<Min: 124.3 - 127 1% Min: Pyrite>>

<<Min: 124.3 - 127 2% Min: Pyrrhotite>>

<<Min: 124.3 - 127 0.5% Min: Arsenopyrite>>

<<Min: 127 - 130 1% Min: Pyrrhotite>>

<<Alt: 124.3 - 127 Strong Muscovite>>

<<Alt: 127 - 130 Moderate Muscovite>>

<<Struc: 129.6 - 129.7 Weak Fault>>

130.00 139.10 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

			133.90	135.40	1.50	B00291837	-0.005	0.9	-0.01	0.02	0.03

130 - 139.1: Altered and gradational (?)/unclear contact with overlying RHYcw. Internal texture varies from well foliated to patchy leopard spotted CA-CL to massive CL-MU.

<<Min: 130 - 132 0.5% Min: Chalcopyrite>>

			135.40	136.90	1.50	B00291838	-0.005	0.7	-0.01	0.02	0.03

<<Min: 130 - 139.1 1% Min: Pyrrhotite>>

			136.90	138.00	1.10	B00291839	0.012	4.6	0.04	0.05	0.09

<<Min: 136.9 - 139.1 0.5% Min: Chalcopyrite>>

			138.00	139.10	1.10	B00291841	0.26	32.4	0.25	0.02	0.16

<<Alt: 130 - 132 Weak-Moderate Muscovite>>

<<Alt: 130 - 132 Moderate Chlorite>>

<<Alt: 130 - 132 Weak-Moderate Calcite>>

<<Alt: 132 - 132.6 Moderate Calcite>>

<<Alt: 132.6 - 136.9 Moderate-Strong Calcite>>

<<Alt: 136.9 - 139.1 Strong Chlorite>>

<<Alt: 136.9 - 139.1 Weak Calcite>>

<<Struc: 132 - 132.2 Weak Fault>>

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
139.10	**140.60**	**OJ** **Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock**	139.10	140.60	1.50	B00291842	0.288	53.4	0.27	0.71	1.78
139.1 - 140.6: Bands of disseminated PY+PO+/-CP+/-SP+/-GL in strong banded CL-CA alteration											
<<Min: 139.1 - 140.6 2% Min: Sphalerite>>											
<<Min: 139.1 - 140.6 10% Min: Pyrite>>											
<<Min: 139.1 - 140.6 10% Min: Pyrrhotite>>											
<<Min: 139.1 - 140.6 0.5% Min: Galena>>											
<<Min: 139.1 - 140.6 1% Min: Chalcopyrite>>											
<<Alt: 139.1 - 140.6 Moderate Chlorite>>											
<<Alt: 139.1 - 140.6 Moderate-Strong Calcite>>											
140.60	**141.70**	**RHY** **undifferentiated rhyolite**	140.60	141.70	1.10	B00291843	0.072	7.1	0.02	0.06	0.05
<<Min: 140.6 - 141.7 2% Min: Pyrite>>											
<<Alt: 140.6 - 142.7 Weak-Moderate Calcite>>											
<<Alt: 140.6 - 145.7 Strong Muscovite>>											
141.70	**142.30**	**OI** **Heavilly disseminated sulphides in host schist**	141.70	142.30	0.60	B00291844	0.428	101	0.15	0.45	3.37
141.7 - 142.3: Disseminated to patches of semi-massive PY+SP+/-GL+/-CP											
<<Min: 141.7 - 142.3 3% Min: Sphalerite>>											
<<Min: 141.7 - 142.3 10% Min: Pyrite>>											
<<Min: 141.7 - 142.3 1% Min: Galena>>											
<<Struc: 142 - 143 Moderate Fault>>											
142.30	**145.70**	**RHY** **undifferentiated rhyolite**	142.30	143.50	1.20	B00291845	-0.005	-0.3	-0.01	-0.01	-0.01
142.3 - 145.7: Strongly MU-altered											
<<Min: 142.3 - 145.7 2% Min: Pyrite>>			143.50	144.70	1.20	B00291846	-0.005	0.3	-0.01	-0.01	-0.01
<<Alt: 142.7 - 145.7 Trace Calcite>>			144.70	145.70	1.00	B00291847	0.334	17.9	0.64	0.01	0.05
<<Struc: 145.4 - 145.7 Moderate Fault>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
145.70	**146.90**	**OA** **Laminar or heavilly disseminated magnetite bearing massive sulphide**	145.70	146.90	1.20	B00291848	0.98	58	0.41	0.69	10.1
145.7 - 146.9: Semi-massive to massive, grading from patchy PO+CP+PY+SP (top) to banded PY+SP+MG+/-GL (bottom)											
<<Min: 145.7 - 146.05 10% Min: Pyrite>>											
<<Min: 145.7 - 146.05 20% Min: Pyrrhotite>>											
<<Min: 145.7 - 146.05 4% Min: Chalcopyrite>>											
<<Min: 145.7 - 146.9 2% Min: Sphalerite>>											
<<Min: 146.05 - 146.9 80% Min: Pyrite>>											
<<Min: 146.05 - 146.9 5% Min: Pyrrhotite>>											
<<Min: 146.05 - 146.9 5% Min: Magnetite>>											
<<Alt: 145.7 - 146.9 Weak Calcite>>											
146.90	**148.40**	**RHY** **undifferentiated rhyolite**	146.90	148.40	1.50	B00291849	0.08	3.2	0.01	-0.01	0.03
146.9 - 148.4: Well foliated banded QZ-MU gneiss to CL-CA gneiss. Variable mineralogical composition due to alteration makes it difficult to determine whether the protolith is RHY or MAFi.											
<<Min: 146.9 - 148.4 2% Min: Pyrite>>											
<<Alt: 146.9 - 147.85 Strong Muscovite>>											
<<Alt: 146.9 - 147.85 Weak Chlorite>>											
<<Alt: 146.9 - 148.4 Moderate Calcite>>											
<<Alt: 147.85 - 148.15 Strong Chlorite>>											
<<Alt: 148.15 - 148.4 Strong Muscovite>>											
<<Alt: 148.15 - 148.4 Weak Chlorite>>											
<<Vein: 147 - 147.1 100% Quartz>> Massive QZ-vein											
<<Struc: 147.1 - 148.4 Weak Fault>>											
148.40	**150.70**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	148.40	149.50	1.10	B00291852	0.927	124	0.3	1.53	8.68
148.4 - 150.7: Banded PY+SP+/-GL+/-CP											
<<Min: 148.4 - 150.7 3% Min: Sphalerite>>			149.50	150.70	1.20	B00291853	1.18	193	0.27	1.79	5.54
<<Min: 148.4 - 150.7 85% Min: Pyrite>>											
<<Min: 148.4 - 150.7 0.5% Min: Galena>>											
<<Min: 148.4 - 150.7 0.5% Min: Chalcopyrite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Alt: 148.4 - 150.7 Weak-Moderate Calcite>>									
150.70	**174.60**	**MAFi** **Mafic Intrusions (primarily footwall mafic intrusion)**	150.70	152.20	1.50	B00291854	0.026	3.4	0.06	0.05	0.05
		150.7 - 174.6: Strongly altered and veined upper contact. Lower contact grades into a mineralized CL-alteration zone (OJ)									
		<<Min: 150.7 - 174.6 0.1% Min: Pyrite>>	152.20	153.00	0.80	B00291855	0.017	42.4	0.04	1.07	0.06
		<<Alt: 150.7 - 152.2 Strong Muscovite>> Bleached MAFi with patchy BI altered to bright apple green fuchsite(?) and chloritic groundmass altered to fine grained sericite/clay	153.00	153.90	0.90	B00291856	-0.005	-0.3	-0.01	-0.01	-0.01
		<<Alt: 150.7 - 152.2 Weak-Moderate Calcite>>	153.90	155.40	1.50	B00291857	-0.005	-0.3	-0.01	-0.01	0.02
		<<Alt: 152.2 - 173.3 Weak Calcite>> FRA	155.40	156.90	1.50	B00291858	0.005	0.3	-0.01	-0.01	0.02
		<<Alt: 173.3 - 180.3 Moderate Calcite>>									
		<<Alt: 174.3 - 175.1 Weak Muscovite>>									
		<<Vein: 152.2 - 153.9 100% Quartz>> Massive white QZ-vein									
		<<Vein: 154 - 173 3% Calcite>> ~1-2 CA veinlets (2 mm to 2 cm wide) per meter									
		<<Struc: 150.7 - 150.8 Weak-Moderate Fault>>									
		<<Struc: 151.9 - 152.2 Moderate Fault>>									
174.60	**175.10**	**OJ** **Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock**									
		174.6 - 175.1: Disseminated to semi-massive PY+PO+/-CP in zone with weak-moderate CL-alteration									
		<<Min: 174.6 - 174.9 2% Min: Pyrite>>									
		<<Min: 174.9 - 175 5% Min: Sphalerite>>									
		<<Min: 174.9 - 175 20% Min: Pyrite>>									
		<<Min: 174.9 - 175 5% Min: Pyrrhotite>>									
		<<Alt: 175 - 175.1 Weak Chlorite>>									
		<<Alt: 175 - 175.1 Moderate Biotite>>									
175.10	**180.80**	**MAFi** **Mafic Intrusions (primarily footwall mafic intrusion)**	178.00	179.30	1.30	B00291865	-0.005	-0.3	-0.01	-0.01	-0.01
		175.1 - 180.8: Lower contact has 5-10 cm alteration zone									
		<<Alt: 180.7 - 180.8 Moderate-Strong Biotite>>	179.30	180.80	1.50	B00291866	0.009	-0.3	-0.01	0.01	0.02

From (m)	To (m)		Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
180.80	**181.70**	**OF**	**Pyrrhotite rich sulphides**	180.80	181.70	0.90	B00291867	1.51	257	1.1	5.01	11.6
180.8 - 181.7: Semi-massive to massive PO with disseminated PY, minor blebby CP, patchy CL and CA gangue.												
<<Min: 180.8 - 181.7 15% Min: Pyrite>>												
<<Min: 180.8 - 181.7 50% Min: Pyrrhotite>>												
<<Min: 180.8 - 181.7 2% Min: Chalcopyrite>>												
<<Alt: 180.8 - 181.7 Weak-Moderate Calcite>>												
181.70	**198.10**	**MAFi**	**Mafic Intrusions (primarily footwall mafic intrusion)**	181.70	183.10	1.40	B00291868	0.008	0.5	0.02	-0.01	0.01
<<Min: 181.7 - 198.1 0.1% Min: Arsenopyrite>>				183.10	184.60	1.50	B00291869	-0.005	-0.3	-0.01	-0.01	-0.01
<<Alt: 181.7 - 182.1 Strong Muscovite>>				195.10	196.60	1.50	B00291875	-0.005	-0.3	-0.01	-0.01	0.02
<<Alt: 182.1 - 183.1 Weak Muscovite>>				196.60	198.10	1.50	B00291876	0.009	2.6	0.02	0.07	0.17
<<Alt: 183.1 - 198.1 Moderate Calcite>>												
<<Vein: 181.7 - 198.1 3% Calcite>> ~1-2 CA veinlets (2 mm to 1 cm wide) per meter												
<<Struc: 181.7 - 182 Weak-Moderate Fault>>												
198.10	**199.40**	**OB**	**Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	198.10	199.40	1.30	B00291877	1.26	115	1.31	1.61	7.15
<<Min: 198.1 - 199.4 3% Min: Sphalerite>>												
<<Min: 198.1 - 199.4 85% Min: Pyrite>>												
<<Min: 198.1 - 199.4 1% Min: Magnetite>>												
<<Min: 198.1 - 199.4 1% Min: Galena>>												
<<Min: 198.1 - 199.4 1% Min: Chalcopyrite>>												
<<Alt: 198.1 - 199.4 Weak-Moderate Calcite>>												
<<Alt: 199.2 - 200.1 Strong Muscovite>>												
<<Alt: 199.2 - 200.1 Moderate Biotite>>												
<<Struc: 198.8 - 199.5 Moderate Fault>>												
199.40	**200.10**	**MAFi**	**Mafic Intrusions (primarily footwall mafic intrusion)**	199.40	200.10	0.70	B00291878	0.17	6.9	0.19	0.07	0.59
<<Alt: 199.4 - 200.1 Moderate Calcite>>												
200.10	**200.45**	**OB**	**Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	200.10	200.45	0.35	B00291879	3.09	81.4	2	0.69	6.26
<<Min: 200.1 - 200.45 3% Min: Sphalerite>>												

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 200.1 - 200.45 40% Min: Pyrite>>											
<<Min: 200.1 - 200.45 5% Min: Chalcopyrite>>											
<<Alt: 200.1 - 200.45 Weak-Moderate Calcite>>											
200.45	**224.20**	**MAFi Mafic Intrusions (primarily footwall mafic intrusion)**	200.45	202.00	1.55	B00291881	0.09	1.7	0.05	-0.01	0.05
<<Min: 200.45 - 224.2 0.5% Min: Pyrite>>			202.00	203.50	1.50	B00291882	0.009	0.7	-0.01	0.01	0.01
<<Alt: 200.45 - 201 Moderate Chlorite>>			222.70	224.20	1.50	B00291888	0.03	11.8	0.06	0.2	0.18
<<Alt: 200.45 - 201 Moderate Biotite>>											
<<Alt: 200.45 - 224.2 Weak-Moderate Calcite>>											
<<Vein: 223 - 223.2 20% Quartz-Carbonate>> CA-QZ veins											
224.20	**224.60**	**OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	224.20	224.60	0.40	B00291889	1.56	207	2.27	2.97	12.3
<<Min: 224.2 - 224.6 70% Min: Pyrite>>											
<<Min: 224.2 - 224.6 1% Min: Galena>>											
<<Min: 224.2 - 244.6 10% Min: Sphalerite>>											
<<Alt: 224.2 - 224.6 Weak-Moderate Calcite>>											
224.60	**232.40**	**RHYcw Curdy textured-flow banded (flows, subvolcanics)**	224.60	225.60	1.00	B00291892	0.126	15.3	0.27	0.21	0.88
224.6 - 232.4: Strongly altered with local carbonaceous material. Flow banded.											
<<Min: 224.6 - 231.4 1% Min: Sphalerite>>											
<<Min: 224.6 - 231.4 1% Min: Pyrite>>											
<<Min: 224.6 - 231.4 0.5% Min: Arsenopyrite>>											
<<Min: 231.4 - 232.4 2% Min: Pyrrhotite>>											
<<Alt: 224.6 - 231.4 Moderate Muscovite>>											
<<Alt: 224.6 - 280.5 Trace Calcite>>											
<<Alt: 231.4 - 232.4 Weak Chlorite>>											
<<Alt: 231.4 - 235.6 Weak Muscovite>>											
<<Vein: 229.9 - 230.7 10% Quartz 10 deg. >> Thin QZ-vein at low angle to core axis											
<<Struc: 225.2 - 226.9 Weak-Moderate Fault>>											
<<Struc: 227.9 - 228.1 Weak-Moderate Fault>>											
<<Struc: 229 - 229.9 Weak Fault>>											
232.40	**261.40**	**RHYvl Lapilli tuff**									

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

<<Min: 232.4 - 261.4 3% Min: Pyrrhotite>>

<<Struc: 234.5 - 234.6 Weak Fault>>

<<Struc: 241.6 - 241.7 Weak Fault>>

<<Struc: 243.2 - 243.3 Weak Fault>>

<<Struc: 253.4 - 253.5 Weak Fault>>

261.40 280.50 RHYva Coarse grained to ash tuff

261.4 - 280.5: Green colour. Weak CL+SI alteration with disseminated PO+PY.

<<Min: 261.4 - 280.5 1% Min: Pyrite>>

<<Min: 261.4 - 280.5 1% Min: Pyrrhotite>>

<<Alt: 261.4 - 280.5 Trace Chlorite>>

<<Vein: 261.4 - 280.5 2% Quartz>> ~5 cm wide QZ-CL vein every ~3-5 m

<<Struc: 262.2 - 262.3 Weak Fault>>

<<Struc: 265 - 265.1 Weak Fault>>

<<Struc: 270 - 270.5 Weak-Moderate Fault>>

<<Struc: 277.9 - 278.3 Weak Fault>>

End of Hole @ 280.5