EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-378

Prospect:	Krakatoa	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Roger Hulstein
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	7/5/2016
UTM Easting	414916.286	Core Size:	HQ3	Azimuth:	276	Date Logging Complete:	7/7/2016
UTM Northing:	6815015.491	Casing Pulled?:	Yes	Dip:	-84.1	Drill Company:	New Age
UTM Elev. (m):	1386.081	Casing Depth (m):	21	Length (m):	162	Drill Rig:	Zinex A5
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	7/3/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	7/5/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource/Met
						Parent Hole:	

Comments:

Short Krakatoa hole targetting CSA pierce point #3. Drill hole intersected two narrow sulfide lenses at 85.31-85.73m and 89.70-90.13m below a sequence of MAFi and RHYi - RHY. The main lens at 127.98-129.77m was intersected below a thick RHYi unit. Strongly muscovite altered RHY, below the main lense to the contact with MDSc at 151.5m, contains disseminated tetrahedrite - sulphosalts.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-84.1	274.6	1.4	276	TN14	David Nuttal	7/3/2016		☑	Surveyed with GyroCompas and adjusted with compass at 275 (dip>80 degrees).
5	-83.21733	273.60971	1.4	275.00971	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
10	-83.42186	275.00353	1.4	276.40353	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
15	-83.51087	276.33083	1.4	277.73083	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
20	-83.6069	274.94952	1.4	276.34952	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
25	-83.66775	274.36181	1.4	275.76181	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
27	-84.2	258	22.1	280.1	ReflexEZS	New Age	7/3/2016	5849	☐	
30	-83.66498	274.84988	1.4	276.24988	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
35	-83.60808	275.21845	1.4	276.61845	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
40	-83.44211	275.41565	1.4	276.81565	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
45	-83.46529	274.58443	1.4	275.98443	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
50	-83.34751	274.03042	1.4	275.43042	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
55	-83.32607	273.3599	1.4	274.7599	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
60	-83.24973	271.00929	1.4	272.40929	Gyro	Steve Bultitude	7/5/2016	5797	☑	Motion Quality = 100
60.01	-83.6	252.9	22.1	275	ReflexEZS	New Age	7/4/2016	5797	☐	
65	-83.22199	269.33124	1.4	270.73124	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
70	-83.22457	266.9534	1.4	268.3534	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
75	-83.39429	264.18729	1.4	265.58729	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
80	-83.35248	263.04437	1.4	264.44437	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
85	-83.32774	262.6254	1.4	264.0254	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
90	-83.25644	262.94823	1.4	264.34823	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
93	-83.2	246.8	22.1	268.9	ReflexEZS	New Age	7/4/2016	5795	☐	
95	-83.15683	262.27868	1.4	263.67868	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
100	-83.00582	261.33005	1.4	262.73005	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
105	-82.77258	260.62619	1.4	262.02619	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
110	-82.65026	260.77339	1.4	262.17339	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
114	-82.9	241.6	22.1	263.7	ReflexEZS	New Age	7/4/2016	5796	☐	
115	-82.67487	260.22442	1.4	261.62442	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
120	-82.66266	258.794	1.4	260.194	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
125	-82.67922	258.32614	1.4	259.72614	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
130	-82.6696	257.36873	1.4	258.76873	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
135	-82.65986	256.18525	1.4	257.58525	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
140	-82.54038	254.72687	1.4	256.12687	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
141	-82.8	233.3	22.1	255.4	ReflexEZS	New Age	7/5/2016	5873	☐	
145	-82.36122	252.72863	1.4	254.12863	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
150	-82.08066	251.84886	1.4	253.24886	Gyro	Steve Bultitude	7/5/2016		☑	Motion Quality = 100
159	-82.1	251.6	22.1	273.7	ReflexEZS	New Age	7/5/2016	5793	☐	

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

0.00 20.20 OVBN Overburden

0 - 20.2: 18 cm boulder of Massive Sulfide between 16.0 - 17.5m

20.20 66.77 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

20.2 - 66.77: Bippo; 39.1-52.5 & 65.08-66.77m.

<<Min: 20.2 - 66.77 0.01% Min: Pyrite>>

<<Alt: 20.2 - 25.35 Moderate Calcite>>

<<Alt: 25.35 - 38.9 Weak Calcite>>

<<Alt: 38.9 - 44.1 Moderate-Strong Calcite>>

<<Alt: 39.1 - 52.5 Weak-Moderate Biotite>> patches - halo of diss biotite alteration around fault zones and qtz vein

<<Alt: 42.1 - 43 Weak Muscovite>> bleaching in fault zone

<<Alt: 44.1 - 66.77 Moderate Calcite>>

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

<<Alt: 52.65 - 54 Weak Muscovite>> bleaching in fault zone

<<Alt: 58.2 - 65.38 Weak-Moderate Chlorite>> also as clots and blebs

<<Alt: 65.07 - 66.77 Moderate Biotite>>

<<Vein: 39 - 56 2% Calcite>> also cross cutting stringers

<<Vein: 42.3 - 42.43 100% Quartz 65 deg. >>

<<Struc: 24 - 25 Weak-Moderate Fault>>

<<Struc: 32.8 - 33 Moderate dominant foliation>>

<<Struc: 35.4 - 36.1 Moderate Fault>>

<<Struc: 36.8 - 37 Weak-Moderate Fault>>

<<Struc: 37.4 - 39 Moderate dominant foliation>>

<<Struc: 41 - 43 Moderate Fault>>

<<Struc: 43 - 44 Weak Fault>>

<<Struc: 49.4 - 51 Moderate dominant foliation>>

<<Struc: 52.5 - 54 Moderate-Strong Fault>> missing core and gouge

<<Struc: 59.4 - 59.6 Weak-Moderate Fault>>

<<Struc: 59.7 - 61.25 Moderate dominant foliation>>

<<Struc: 65 - 66.6 Moderate dominant foliation>>

<<Struc: 66.6 - 69 Weak Fault>> broken core, fractured

<<Struc: 66.7 - 66.75 Strong Contact>> sharp contact with banded RHY

66.77 68.90 RHYva Coarse grained to ash tuff

66.77 - 68.9: siliceous bands, banded ash. 1cm wide band of sulfide at 66.81 -66.82m.

<<Min: 66.77 - 66.97 10% Min: Pyrite>>

<<Min: 66.97 - 68.9 3% Min: Pyrite>>

<<Alt: 66.77 - 68.9 Moderate Muscovite>>

<<Alt: 66.77 - 68.9 Weak-Moderate Calcite>>

<<Struc: 66.77 - 67.4 Moderate-Strong dominant foliation>>

68.90 72.71 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

<<Min: 68.9 - 73.71 0.01% Min: Pyrite>>

<<Alt: 68.9 - 72.71 Strong Calcite>>

<<Alt: 68.9 - 72.71 Moderate-Strong Biotite>>

<<Struc: 69 - 72 Moderate dominant foliation>>

72.71 73.33 RHYi Aphanitic Rhyolite (intrusion)

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 72.71 - 73.33 0.3% Min: Pyrite>>									
		<<Alt: 72.71 - 73.33 Weak Calcite>>									
73.33	**74.23**	**MAFi Mafic Intrusions (primarily footwall mafic intrusion)**									
		<<Min: 73.33 - 74.22 5% Min: Pyrrhotite>>									
		<<Alt: 73.33 - 74.23 Moderate-Strong Muscovite>> bleached MAFi									
		<<Alt: 73.33 - 74.23 Strong Calcite>>									
		<<Alt: 73.33 - 74.23 Weak Biotite>>									
74.23	**76.70**	**RHYva Coarse grained to ash tuff**									
		<<Min: 74.23 - 74.24 10% Min: Sphalerite>>									
		<<Min: 74.23 - 74.24 10% Min: Pyrite>>									
		<<Min: 74.23 - 74.24 10% Min: Magnetite>>									
		<<Min: 74.24 - 76.7 0.01% Min: Sphalerite>>									
		<<Min: 74.24 - 76.7 5% Min: Pyrite>>									
		<<Alt: 74.23 - 76.7 Weak-Moderate Muscovite>>									
		<<Alt: 74.23 - 76.7 Moderate-Strong Calcite>>									
		<<Struc: 74.23 - 75 Moderate Fault>> crushed, broken, missing core									
76.70	**84.96**	**RHYi Aphanitic Rhyolite (intrusion)**	82.54	84.00	1.46	D00004321	0.007	0.6	-0.01	-0.01	0.02
		76.7 - 84.96: rare fine, <1mm feldspar crystals. Minor orange - pink 'albite'. Unit includes small section of fine grained (morecalcareous and softer) RHY.									
		<<Min: 76.7 - 84.96 3% Min: Pyrite>>	84.00	85.31	1.31	D00004303	0.006	2.2	-0.01	0.02	0.02
		<<Min: 76.7 - 84.96 0.1% Min: Galena>>									
		<<Alt: 76.7 - 84.96 Weak Muscovite>>									
		<<Alt: 76.7 - 85.31 Weak-Moderate Calcite>>									
		<<Struc: 76.7 - 77 Moderate dominant foliation>>									
		<<Struc: 77.3 - 78.3 Weak Fault>> fractured, minor foliaform zones of rock flour and crushed core.									
		<<Struc: 81 - 81.5 Moderate dominant foliation>>									
		<<Struc: 82 - 84.2 Weak Fault>> fractured, minor shear planes									
84.96	**85.31**	**RHYva Coarse grained to ash tuff**									
		<<Min: 84.96 - 85.31 3% Min: Pyrite>>									
		<<Alt: 84.96 - 85.31 Weak-Moderate Muscovite>>									

From (m)	To (m)	Rocktype & Description		From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
85.31	**85.73**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	**FG**	85.31	85.73	0.42	D00004304	0.371	176	0.04	3.42	7.08
85.31 - 85.73: Fine grained, calcite rich matrix, cut by qtz veining totalling 9cm at lower contact.												
<<Min: 85.31 - 85.73 15% Min: Sphalerite>>												
<<Min: 85.31 - 85.73 40% Min: Pyrite>>												
<<Min: 85.31 - 85.73 1% Min: Galena>>												
<<Alt: 85.31 - 85.73 Strong Calcite>> calcite matrix - groundmass.												
<<Vein: 85.68 - 86.12 78% Quartz>> qtz vein interfingers along OB-RHY contact												
85.73	**89.70**	**RHYc** **Rhyolite coherant volcanics**		85.73	87.22	1.49	D00004305	0.008	1	-0.01	0.01	0.03
85.73 - 89.7: RHYc tectonically dismembered and brecciated. Rare silic bands.												
<<Min: 86.1 - 89.5 3% Min: Pyrite>>				87.22	88.20	0.98	D00004306	-0.005	1.4	-0.01	-0.01	0.17
<<Min: 89.5 - 89.7 10% Min: Pyrite>>				88.20	89.70	1.50	D00004307	0.014	9.2	-0.01	0.16	0.41
<<Alt: 85.73 - 89.7 Trace Calcite>>												
<<Alt: 86.1 - 89.7 Moderate Muscovite>> ser-musc and clay on folia.												
<<Struc: 88.9 - 95.6 Weak-Moderate Fault>> fractured, crushed zones, core rubble												
89.70	**90.13**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite**	**FMG**	89.70	90.13	0.43	D00004308	0.714	208	0.14	2.21	5.99
89.7 - 90.13: includes 0.13m OI at lower contact												
<<Min: 89.7 - 90 20% Min: Sphalerite>>												
<<Min: 89.7 - 90 30% Min: Pyrite>>												
<<Min: 89.7 - 90 5% Min: Galena>>												
<<Min: 90 - 90.13 5% Min: Sphalerite>>												
<<Min: 90 - 90.13 10% Min: Pyrite>>												
<<Min: 90 - 90.13 1% Min: Galena>>												
<<Alt: 89.7 - 90.13 Moderate-Strong Calcite>>												
<<Struc: 89.99 - 90 Strong Contact>> parallel to DFOL												
<<Struc: 90 - 90.5 Moderate-Strong dominant foliation>>												
90.13	**93.35**	**RHY** **undifferentiated rhyolite**		90.13	91.00	0.87	D00004309	0.008	1.9	-0.01	0.02	0.04
90.13 - 93.35: includes 1.1m qtz vein												

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Min: 90.13 - 91.7 3% Min: Pyrite>>	91.00	92.50	1.50	D00004322	0.009	2.5	-0.01	0.04	0.07
		<<Min: 91.7 - 93.35 0.1% Min: Pyrite>>									
		<<Alt: 90.13 - 97.3 Trace Calcite>>									
		<<Alt: 90.13 - 98.76 Weak Muscovite>> muscovite - sericite in fracture - fault zone and in folia.									
		<<Vein: 91.75 - 93.38 90% Quartz>> brittle fractured qtz vein. Vein likely related to adjacent RHYi.									
93.35	**97.00**	**RHYi Aphanitic Rhyolite (intrusion)**									
		<<Min: 93.35 - 96.61 3% Min: Pyrite>>									
		<<Min: 96.61 - 98.76 1% Min: Pyrite>>									
		<<Struc: 96.7 - 97.3 Weak Fault>> fractured, brecciated									
97.00	**98.76**	**RHYva Coarse grained to ash tuff**									
		<<Alt: 97.3 - 98.76 Weak Calcite>>									
		<<Vein: 98.07 - 98.86 15% Quartz-Carbonate>>									
98.76	**107.50**	**RHYi Aphanitic Rhyolite (intrusion)**									
		98.76 - 107.5: gradational contacts. Sections with a pink hue. RHYi unit incorporates partially assimilated RHY.									
		<<Min: 98.76 - 99.5 0.5% Min: Sphalerite>>									
		<<Min: 98.76 - 107.5 3% Min: Pyrite>> and as diss									
		<<Alt: 98.76 - 107.5 Trace Muscovite>> on fractures									
		<<Alt: 98.76 - 107.5 Trace Calcite>>									
107.50	**110.07**	**RHYva Coarse grained to ash tuff**									
		107.5 - 110.07: includes approx 25 cm RHYi unit.									
		<<Min: 107.5 - 110.07 3% Min: Pyrite>>									
		<<Alt: 107.5 - 110.07 Weak Muscovite>>									
		<<Alt: 107.5 - 110.07 Weak-Moderate Calcite>>									
		<<Struc: 107.5 - 110.07 Weak-Moderate dominant foliation>>									
110.07	**120.29**	**RHYi Aphanitic Rhyolite (intrusion)**									
		110.07 - 120.29: gradational contacts. Sections with a pink hue. RHYi unit incorporates partially assimilated RHY. Locally RHYi appears internally brecciated giving the appearance of <1-3 mm qtz phenocrysts.									
		<<Min: 110.07 - 120.29 3% Min: Pyrite>>									
		<<Alt: 110.07 - 120.29 Weak Calcite>> fracture filling									
120.29	**121.87**	**RHYv Rhyolite volcaniclastic**	120.85	121.20	0.35	D00004311	7.89	604	2.11	0.11	0.34
		<<Min: 120.29 - 120.95 3% Min: Pyrite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 120.95 - 121.1 15% Min: Sulphosalts>>											
<<Min: 120.95 - 121.1 3% Min: Sphalerite>>											
<<Min: 120.95 - 121.1 5% Min: Pyrite>>											
<<Min: 120.95 - 121.1 3% Min: Chalcopyrite>>											
<<Min: 121.1 - 121.87 3% Min: Pyrite>>											
<<Alt: 120.29 - 121.87 Moderate Calcite>>											
<<Alt: 120.29 - 122.15 Moderate-Strong Muscovite>> sericite strongest at fracture zones and in vein envelope.											
<<Vein: 120.95 - 121.1 90% Quartz-Sulphide>> more or less confromable to DFOL. Irregular sulphosalts as matrix filling in weakly breciated rhyolite and in qtz vein as fracture filling.											
121.87	**127.30**	**RHYi** **Aphanitic Rhyolite (intrusion)**	124.30	125.80	1.50	D00004312	0.012	1.4	-0.01	-0.01	-0.01
121.87 - 127.3: RHYi incorporates sections of partly assimilated RHY.											
<<Min: 121.87 - 127.98 3% Min: Pyrite>>			125.80	127.30	1.50	D00004313	0.025	3.9	-0.01	-0.01	0.03
<<Min: 127 - 127.98 0.5% Min: Tetrahedrite>>											
<<Alt: 121.87 - 127.3 Weak Calcite>> fracture filling											
<<Alt: 123 - 127.1 Trace Muscovite>>											
<<Alt: 127.1 - 127.98 Moderate Muscovite>> intensity increases downhole.											
<<Struc: 122.7 - 123 Weak-Moderate dominant foliation>>											
<<Struc: 126 - 126.7 Weak-Moderate dominant foliation>>											
127.30	**127.98**	**RHY** **undifferentiated rhyolite**	127.30	127.98	0.68	D00004314	0.035	7.3	-0.01	0.03	0.08
<<Alt: 127.3 - 129.47 Moderate-Strong Calcite>>											
<<Struc: 127.3 - 127.9 Moderate dominant foliation>>											
<<Struc: 127.97 - 127.98 Moderate-Strong Contact>>											
127.98	**129.77**	**OB** **Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite** **FMG**	127.98	129.00	1.02	D00004315	1.12	224	0.61	3.82	7.28
<<Min: 127.98 - 129.77 15% Min: Sphalerite>>			129.00	129.77	0.77	D00004316	1.24	229	1.1	4.11	13.1
<<Min: 127.98 - 129.77 60% Min: Pyrite>>											
<<Min: 127.98 - 129.77 3% Min: Galena>>											
<<Min: 127.98 - 129.77 3% Min: Chalcopyrite>> and as diss											
<<Struc: 129 - 129.77 Moderate-Strong Foliation>> mineral banding											
129.77	**130.37**	**RHYva** **Coarse grained to ash tuff** **VFG**	129.77	131.00	1.23	D00004317	0.032	3.2	-0.01	0.04	0.1
<<Min: 129.77 - 130.37 0.1% Min: Pyrite>>											
<<Alt: 129.77 - 133.3 Moderate-Strong Muscovite>>											

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

<<Alt: 130.03 - 135 Moderate-Strong Calcite>>

<<Struc: 129.77 - 129.78 Moderate-Strong Contact>>

130.37	**133.30**	**RHYv**	**Rhyolite volcaniclastic**	131.00	132.50	1.50	D00004318	0.014	1.4	-0.01	-0.01	0.04

<<Min: 130.37 - 133.33 0.1% Min: Sulphosalts>>

<<Min: 130.37 - 133.33 0.1% Min: Sphalerite>>

<<Min: 130.37 - 133.33 3% Min: Pyrite>>

<<Struc: 130.37 - 130.47 Moderate Fault>> gouge parallel to foliation

133.30 136.10 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

133.3 - 136.1: Abundant calcite veining, banded chlorite alteration. 135-136.1: disseminated py-po-cpy-sph (<3% total).

<<Min: 133.33 - 135 0.1% Min: Pyrite>>

<<Min: 135 - 136.1 0.5% Min: Sphalerite>>

<<Min: 135 - 136.1 3% Min: Pyrite>>

<<Min: 135 - 136.1 0.5% Min: Chalcopyrite>>

<<Alt: 133.3 - 136.1 Moderate Chlorite>>

<<Alt: 135 - 151.1 Trace Calcite>> next to no calcite

<<Vein: 133.3 - 135 10% Calcite>>

<<Vein: 135 - 136.1 20% Quarzt-Chlorite-Carbonate>>

<<Struc: 134.5 - 135.8 Moderate Fault>> gouge zones, missing core

136.10	**151.50**	**RHYv**	**Rhyolite volcaniclastic**	142.63	143.50	0.87	D00004319	-0.005	-0.3	-0.01	-0.01	0.06

136.1 - 151.5: local lapilli zones. Weakly chl, but strong-sericite altered. Pyrrhotite and TT-SS diss and in fractures.

<<Min: 136.1 - 137.73 3% Min: Pyrite>>

<<Min: 137.73 - 138.09 5% Min: Sphalerite>>

<<Min: 137.73 - 138.09 3% Min: Pyrite>>

<<Min: 137.73 - 138.09 3% Min: Pyrrhotite>>

<<Min: 137.73 - 138.09 3% Min: Chalcopyrite>>

<<Min: 138.09 - 151.5 3% Min: Pyrrhotite>>

<<Min: 141.4 - 151.5 1% Min: Tetrahedrite>> and or SS

<<Min: 141.4 - 151.5 0.1% Min: Sphalerite>>

<<Alt: 136.1 - 137.73 Moderate-Strong Muscovite>>

<<Alt: 137.73 - 138.09 Moderate Chlorite>>

<<Alt: 138.09 - 142.7 Trace Chlorite>>

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

<<Alt: 138.09 - 151.5 Moderate-Strong Muscovite>>

<<Alt: 142.7 - 143.7 Weak Chlorite>>

<<Alt: 143.7 - 148 Trace Chlorite>>

<<Alt: 148 - 151.1 Weak Chlorite>>

<<Alt: 151.1 - 153.73 Weak Calcite>>

<<Vein: 141.7 - 141.75 100% Quartz-Carbonate-Sulphide>> Trace diss galena, TT - SS

<<Struc: 136.45 - 136.55 Weak-Moderate Fault>> gouge zone

<<Struc: 141.5 - 142.5 Weak-Moderate dominant foliation>>

<<Struc: 143 - 144 Weak-Moderate dominant foliation>>

<<Struc: 146.5 - 147 Weak-Moderate dominant foliation>>

<<Struc: 150.4 - 150.85 Weak Fault>>

151.50 153.73 MDSc Carbonaceous dominant mudstone

151.5 - 153.73: gougy-brecciated MDSc and RHY-Qtz-carbonate veining. Sharp contacts.

<<Min: 151.5 - 153.73 0.5% Min: Pyrite>>

<<Vein: 151.75 - 153.73 20% Quartz-Carbonate>> Qtz clasts with minor carbonate surrounded by gougy MDSc and lesser sheared RHY

<<Struc: 151.5 - 153.73 Moderate Fault>> gougy, sheared and brecciated.

153.73 162.00 RHYvl Lapilli tuff

<<Min: 153.73 - 162 0.5% Min: Tetrahedrite>> diss and with py in discontinuous stringers.

<<Min: 153.73 - 162 1% Min: Pyrite>>

<<Min: 153.73 - 162 1% Min: Pyrrhotite>>

<<Alt: 153.73 - 162 Moderate Muscovite>>

<<Alt: 153.73 - 162 Trace Chlorite>>

<<Alt: 153.73 - 162 Weak-Moderate Calcite>>

<<Struc: 154.15 - 155.46 Weak Fault>> sheared, minor gougy zones.

<<Struc: 158.9 - 160.78 Weak Fault>> gougy shear zones.

End of Hole @ 162