

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-363

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:	6/14/2016	
UTM Easting	415239.214	Core Size:	HQ3	Azimuth:	16.7	Date Logging Complete:	6/19/2016	
UTM Northing:	6815211.979	Casing Pulled?:	Yes	Dip:	-78	Drill Company:	Hytech	
UTM Elev. (m):	1441.181	Casing Depth (m):	4.5	Length (m):	435	Drill Rig:	Tech 5000	
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	6/12/2016	
Local Northing:		Cemented?:	No	Core Storage Loc.:	KZK Camp	Drill Completed:	6/17/2016	
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration	
Comments:							Parent Hole:	

K16-363 is a 75m step out from K15-277 that tests the down-dip potential of the Krakatoa upper lens under the hypothesis that the upper lens is equivalent to the ABM lens. Two significant massive sulphide lenses were intersected from 285.58 - 288.45 m and 323.17 - 344.00 m respectively consisting of OA and OB style mineralisation.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-78	15.3	1.4	16.7	TN14	Jerome de Pasquale	6/12/2016		<input checked="" type="checkbox"/>	
5	-78.05274	15.91496	1.4	17.31496	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
10	-78.41203	16.42676	1.4	17.82676	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
11	-78.3	357.2	22.1	19.3	ReflexEZS	Hytech	6/12/2016	5976	<input type="checkbox"/>	
15	-78.62976	16.87767	1.4	18.27767	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
18	-78.5	357.7	22.1	19.8	ReflexEZS	Hytech	6/12/2016	5797	<input type="checkbox"/>	
20	-79.10265	16.99431	1.4	18.39431	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
25	-79.5537	17.32534	1.4	18.72534	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
30	-79.79221	17.52497	1.4	18.92497	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
35	-79.97236	17.70002	1.4	19.10002	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
40	-80.51078	18.3004	1.4	19.7004	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
42	-80.4	358.2	22.1	20.3	ReflexEZS	Hytech	6/12/2016	5688	<input type="checkbox"/>	
45	-81.01627	18.77442	1.4	20.17442	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
50	-81.42053	18.62496	1.4	20.02496	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
55	-81.92755	18.36415	1.4	19.76415	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
60	-82.35018	17.75349	1.4	19.15349	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
65	-82.80067	16.27193	1.4	17.67193	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
66	-82.8	357.4	22.1	19.5	ReflexEZS	Hytech	6/12/2016	5756	<input type="checkbox"/>	
70	-83.11082	15.03832	1.4	16.43832	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
75	-83.46438	15.90819	1.4	17.30819	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100

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80	-83.67241	16.46198	1.4	17.86198	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
85	-83.99018	17.11858	1.4	18.51858	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
90	-84.3214	18.55871	1.4	19.95871	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
90.01	-84.5	355.9	22.1	18	ReflexEZS	Hytech	6/13/2016	5751	<input type="checkbox"/>	
93	-84.6	356.6	22.1	18.7	ReflexEZS	Hytech	6/13/2016	5862	<input type="checkbox"/>	
95	-84.58494	20.38677	1.4	21.78677	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
100	-84.79264	21.49806	1.4	22.89806	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
105	-84.9866	22.33129	1.4	23.73129	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
110	-85.08298	23.0521	1.4	24.4521	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
114	-85.3	1.4	22.1	23.5	ReflexEZS	Hytech	6/13/2016	5789	<input type="checkbox"/>	
115	-85.10469	23.18746	1.4	24.58746	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
120	-85.2283	24.75204	1.4	26.15204	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
125	-85.27634	25.48031	1.4	26.88031	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
130	-85.30521	25.5452	1.4	26.9452	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
135	-85.26655	25.24329	1.4	26.64329	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
138	-85.7	3.5	22.1	25.6	ReflexEZS	Hytech	6/13/2016	5778	<input type="checkbox"/>	
140	-85.39279	24.93623	1.4	26.33623	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
145	-85.41594	24.91378	1.4	26.31378	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
150	-85.54579	24.62525	1.4	26.02525	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
155	-85.74429	24.85765	1.4	26.25765	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
160	-85.96642	25.64184	1.4	27.04184	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
165	-86.07814	26.26713	1.4	27.66713	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
170	-86.18336	27.5908	1.4	28.9908	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
175	-86.33443	27.38181	1.4	28.78181	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
180	-86.52132	29.51337	1.4	30.91337	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
185	-86.73414	31.74944	1.4	33.14944	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
186	-86.9	8.7	22.1	30.8	ReflexEZS	Hytech	6/13/2016	5784	<input type="checkbox"/>	
190	-86.94329	34.33674	1.4	35.73674	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
195	-87.00205	37.7739	1.4	39.1739	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
200	-87.01708	40.54029	1.4	41.94029	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
205	-86.90363	39.76518	1.4	41.16518	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
210	-86.88248	39.79017	1.4	41.19017	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
210.01	-87.3	15.7	22.1	37.8	ReflexEZS	Hytech	6/13/2016	5777	<input type="checkbox"/>	
215	-87.01809	41.55889	1.4	42.95889	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100

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220	-87.13474	43.79465	1.4	45.19465	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
225	-87.30877	47.02733	1.4	48.42733	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
230	-87.43183	52.45416	1.4	53.85416	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
234	-88	38.5	22.1	60.6	ReflexEZS	Hytech	6/14/2016	5772	<input type="checkbox"/>	
235	-87.54804	57.55457	1.4	58.95457	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
240	-87.64865	62.11953	1.4	63.51953	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
245	-87.87338	67.52905	1.4	68.92905	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
250	-87.9674	70.43681	1.4	71.83681	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
255	-88.06898	75.05113	1.4	76.45113	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
258	-88.3	65.2	22.1	87.3	ReflexEZS	Hytech	6/14/2016	5780	<input type="checkbox"/>	
260	-88.20368	81.33198	1.4	82.73198	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
265	-88.21196	81.6471	1.4	83.0471	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
270	-88.29985	83.82076	1.4	85.22076	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
275	-88.31229	89.54955	1.4	90.94955	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
280	-88.23733	94.11572	1.4	95.51572	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
282	-88.3	79.7	22.1	101.8	ReflexEZS	Hytech	6/14/2016	5802	<input type="checkbox"/>	
285	-88.16586	101.33138	1.4	102.73138	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
290	-87.87864	101.2632	1.4	102.6632	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
295	-87.68548	103.7511	1.4	105.1511	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
300	-87.54262	106.80806	1.4	108.20806	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
305	-87.56852	111.90399	1.4	113.30399	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
306	-87.9	101.1	22.1	123.2	ReflexEZS	Hytech	6/15/2016	5825	<input type="checkbox"/>	
310	-87.55771	119.37455	1.4	120.77455	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
315	-87.34608	125.63141	1.4	127.03141	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
320	-87.18507	129.38455	1.4	130.78455	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
325	-86.92486	135.76598	1.4	137.16598	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
330	-86.77234	137.11547	1.4	138.51547	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
330.01	-87.1	105.3	22.1	127.4	ReflexEZS	Hytech	6/15/2016	5929	<input type="checkbox"/>	
335	-86.79213	136.8318	1.4	138.2318	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
340	-86.78682	138.56844	1.4	139.96844	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
345	-86.90898	138.19873	1.4	139.59873	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
350	-86.88929	140.92394	1.4	142.32394	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
354	-86.9	134.5	22.1	156.6	ReflexEZS	Hytech	6/15/2016	5801	<input type="checkbox"/>	
355	-86.75252	146.69186	1.4	148.09186	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
360	-86.63424	151.15553	1.4	152.55553	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
365	-86.40952	156.22506	1.4	157.62506	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
370	-86.2612	162.04656	1.4	163.44656	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
375	-85.79176	168.9832	1.4	170.3832	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
378	-85.8	153.9	22.1	176	ReflexEZS	Hytech	6/16/2016	5766	<input type="checkbox"/>	
380	-85.41304	170.80467	1.4	172.20467	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
385	-85.26716	175.05175	1.4	176.45175	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
390	-85.07403	178.37921	1.4	179.77921	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
393	-84.8	169.3	22.1	191.4	ReflexEZS	Hytech	6/16/2016	5696	<input type="checkbox"/>	
395	-84.73401	185.57335	1.4	186.97335	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
400	-84.1938	190.39724	1.4	191.79724	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
405	-84.06782	192.86631	1.4	194.26631	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
410	-84.07256	194.82514	1.4	196.22514	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
415	-83.9003	195.54111	1.4	196.94111	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
417	-83.7	172.7	22.1	194.8	ReflexEZS	Hytech	6/17/2016	5740	<input type="checkbox"/>	
420	-83.8196	196.20933	1.4	197.60933	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100
425	-83.64904	197.11217	1.4	198.51217	Gyro	Steve Bultitude	6/24/2016		<input checked="" type="checkbox"/>	100

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	10.70	MAFt Mafic Volcaniclastics									
4.5 - 10.7: interbedded mafic tuff and mudstone											
<<Alt: 4.5 - 6.6 Moderate-Strong Calcite>>											
<<Alt: 6.6 - 22 Weak Calcite>>											
<<Vein: 4.6 - 10.3 5% Quartz-Carbonate 40 deg. >>											
<<Struc: 4.5 - 21 Moderate-Strong dominant foliation>>											
<<Struc: 4.5 - 26.27 Weak Fault>> broken core, shear planes and local gouge on foliation.											
10.70	16.07	MDS Carbonaceous Mudstone & Tuffaceous Mudstone									
16.07	23.90	MAFt Mafic Volcaniclastics									
16.07 - 23.9: 16.07-21.00; bleached - oxidized, mostly qtz vein.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 19.2 - 21	>>	Weak Muscovite>> bleached, fine muscovite on partings									
<<Vein: 16.16 - 19	>>	100% Quartz>>									
<<Vein: 20.22 - 20.85	>>	100% Quartz>>									
<<Struc: 21 - 25.9	>>	Moderate-Strong dominant foliation>>									
23.90	31.90	MDS Carbonaceous Mudstone & Tuffaceous Mudstone									
<<Alt: 23.9 - 26.27	>>	Moderate-Strong Calcite>>									
<<Alt: 26.27 - 31.9	>>	Weak Calcite>>									
<<Struc: 25.9 - 26.7	>>	Moderate dominant foliation>>									
<<Struc: 26.27 - 27	>>	Moderate-Strong Fault>> broken and crushed core, trace gouge									
<<Struc: 27.06 - 32.94	>>	Weak-Moderate Fault>> broken core, shear planes and local gouge on foliation.									
31.90	57.80	RHYvl Lapilli tuff									
31.9 - 57.8: significant ash component											
<<Min: 33.5 - 61.8	>>	1% Min: Pyrrhotite>>									
<<Alt: 31.9 - 39.7	>>	Weak Calcite>>									
<<Alt: 31.9 - 52.2	>>	Weak Muscovite>>									
<<Alt: 33.65 - 40.8	>>	Weak Biotite>>									
<<Alt: 39.7 - 50.6	>>	Moderate Calcite>> and diss									
<<Alt: 50.6 - 55.3	>>	Weak Calcite>>									
<<Alt: 51 - 52.3	>>	Weak Chlorite>>									
<<Alt: 52.2 - 71.82	>>	Weak-Moderate Muscovite>>									
<<Alt: 55.3 - 61.1	>>	Weak-Moderate Calcite>>									
<<Vein: 33.86 - 33.96	>>	100% Quartz-Chlorite-Sulphide>>									
<<Vein: 34.4 - 34.85	>>	70% Quartz-Chlorite-Sulphide>>									
<<Struc: 34.4 - 38.1	>>	Weak-Moderate Fault>> broken core, shear planes and local gouge on foliation and margins of qtz veins									
<<Struc: 38.1 - 49.7	>>	Trace Fault>> Occasional zones of broken core, shear planes and local gouge on foliation.									
<<Struc: 43 - 43.3	>>	Weak-Moderate dominant foliation>>									
<<Struc: 51 - 52	>>	Weak-Moderate dominant foliation>>									
57.80	71.82	RHYvl Lapilli tuff									
<<Min: 61.8 - 85.81	>>	0.5% Min: Pyrite>>									
<<Alt: 61.1 - 71.2	>>	Moderate Calcite>>									
<<Alt: 62.2 - 64.5	>>	Trace Chlorite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Alt: 71.2 - 85.81 Trace Calcite>> fracture filling <<Vein: 68.87 - 68.88 100% Quartz-Sulphide>> <<Struc: 59.88 - 59.98 Moderate Fault>> <<Struc: 62.6 - 62.7 Weak Fault>> <<Struc: 65.16 - 66 Moderate dominant foliation>> <<Struc: 70 - 71.2 Moderate dominant foliation>> 71.82 85.81 RHYi Aphanitic Rhyolite (intrusion) <<Vein: 72.25 - 80.78 3% Quartz>> irregular, often diffuse, bodies of white and grey qtz, <1-10cm <<Vein: 85.64 - 91 5% Quartz>> mostly foliaform veinlets <<Struc: 84.1 - 84.55 Weak Fault>> 85.81 88.60 RHYvl Lapilli tuff <<Min: 85.81 - 88.6 0.5% Min: Pyrite>> <<Min: 85.81 - 88.6 1% Min: Pyrrhotite>> <<Alt: 85.81 - 88.6 Strong Silicification>> silicified RHY between two bodies of RHYi <<Alt: 85.81 - 88.8 Weak Calcite>> <<Struc: 86.78 - 86.9 Weak-Moderate Fault>> 88.60 91.00 RHYi Aphanitic Rhyolite (intrusion) <<Min: 88.6 - 105.05 1% Min: Pyrrhotite>> <<Alt: 88.8 - 91 Trace Calcite>> 91.00 105.05 RHYvl Lapilli tuff <<Alt: 91 - 98 Weak-Moderate Calcite>> <<Alt: 91 - 131.2 Weak Muscovite>> <<Alt: 91.7 - 105 Weak Biotite>> <<Alt: 98 - 104 Weak Calcite>> <<Alt: 105 - 107.75 Moderate Biotite>> <<Alt: 105 - 110 Trace Calcite>> <<Vein: 94.33 - 107.9 3% Quartz-Carbonate>> <<Struc: 92.7 - 93 Weak-Moderate dominant foliation>> <<Struc: 93.37 - 94 Weak Fault>> <<Struc: 101 - 105.2 Weak Fault>> Occasional zones of broken core, shear planes and local gouge on foliation.									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
105.05	107.90	PEL Equigranular biotite + calcite +/- quartz rock									
<p>105.05 - 107.9: gradational from very dark (biotite) pelite to grey ash tuff going down hole.</p> <p><<Min: 105.05 - 107.9 0.1% Min: Pyrrhotite>></p> <p><<Struc: 107 - 107.4 Moderate dominant foliation>></p>											
107.90	109.41	RHYvx Quartz and/or feldspar crystal tuff									
<p><<Min: 107.9 - 109.28 0.5% Min: Pyrite>></p> <p><<Min: 109.28 - 109.41 10% Min: Pyrite>></p>											
109.41	113.60	RHYcf Feldspar & feldspar quartz porphyry									
<p>109.41 - 113.6: rare blue qtz eyes and crowded feldspar porphyry- felds up to 1 cm.</p> <p><<Min: 109.41 - 113.6 5% Min: Pyrite>> mostly diss, diss in thin bands and as qtz-py fracture vein filling</p> <p><<Alt: 110 - 127.4 Weak Calcite>></p>											
113.60	115.74	RHYvl Lapilli tuff									
<p>113.6 - 115.74: very rare blue qtz eyes and sparse strained feldspar phenos.</p> <p><<Min: 113.6 - 115.3 3% Min: Pyrite>></p> <p><<Min: 115.3 - 116.8 0.5% Min: Pyrite>></p> <p><<Min: 115.3 - 116.8 3% Min: Pyrrhotite>></p> <p><<Struc: 115 - 115.6 Weak-Moderate dominant foliation>></p>											
115.74	118.45	RHYcf Feldspar & feldspar quartz porphyry									
<p>115.74 - 118.45: as above RHYcf</p> <p><<Min: 116.8 - 131.2 0.5% Min: Pyrite>></p>											
118.45	129.30	RHYvl Lapilli tuff									
<p>118.45 - 129.3: as above RHYvl. 127.40-129.30: ash and silicic bands dominate</p> <p><<Alt: 127.4 - 131.2 Trace Calcite>></p> <p><<Struc: 125.4 - 127.4 Weak Fault>> broken and crushed core</p> <p><<Struc: 129 - 131.9 Weak Fault>> broken and crushed core</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
129.30	131.20	RHYcw Curdy textured-flow banded (flows, subvolcanics)									
131.20	133.41	PEL Equigranular biotite + calcite +/- quartz rock									
131.2 - 133.41: Biotite decreases down hole											
<<Min: 131.2 - 133.41 1% Min: Pyrite>>											
<<Alt: 131.2 - 133.61 Moderate Calcite>>											
133.41	134.96	RHYva Coarse grained to ash tuff									
<<Min: 133.41 - 147.6 0.5% Min: Pyrite>>											
<<Alt: 133.41 - 142.5 Weak Muscovite>>											
<<Alt: 133.61 - 149.2 Weak Calcite>>											
<<Struc: 134.9 - 136.7 Moderate dominant foliation>>											
134.96	137.47	RHYvi Lapilli tuff									
<<Struc: 136.7 - 137.2 Trace Fault>> broken core											
137.47	140.90	RHYcf Feldspar & feldspar quartz porphyry									
137.47 - 140.9: rare blue qtz eyes and strained feldspar phenos.											
140.90	141.80	RHYva Coarse grained to ash tuff									
141.80	143.33	RHYcw Curdy textured-flow banded (flows, subvolcanics)									
<<Alt: 142.5 - 150.1 Moderate Muscovite>> sericite-muscovite in fault zones											
<<Struc: 142.6 - 145.7 Weak Fault>> crushed core, shear planes and local gouge											
143.33	150.96	RHYcf Feldspar & feldspar quartz porphyry									
143.33 - 150.96: rare blue qtz eyes and strained feldspar phenos.											
<<Min: 147.6 - 155.3 1% Min: Pyrite>>											
<<Min: 147.6 - 155.3 1% Min: Pyrrhotite>>											
<<Alt: 149.2 - 158 Weak-Moderate Calcite>>											
<<Alt: 150.1 - 159.5 Weak Muscovite>>											
<<Vein: 144.1 - 145.6 5% Quartz-Carbonate>>											
<<Vein: 149.2 - 149.8 50% Quartz>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 145.7 - 149.45 Moderate-Strong Fault>> broken & crushed core, shear planes and local gouge</p> <p>150.96 152.09 RHYvl Lapilli tuff</p> <p>152.09 153.18 RHYcf Feldspar & feldspar quartz porphyry</p> <p>152.09 - 153.18: silicic bands</p> <p><<Struc: 152.5 - 153.3 Moderate dominant foliation>></p> <p>153.18 157.00 RHYcf Feldspar & feldspar quartz porphyry</p> <p><<Min: 155.3 - 165 1% Min: Pyrite>></p> <p>157.00 158.00 RHYvl Lapilli tuff</p> <p>157 - 158: rare blue qtz eyes</p> <p>158.00 161.63 RHYcf Feldspar & feldspar quartz porphyry</p> <p>158 - 161.63: rare blue qtz eyes and feldspar porphyry- felds up to 1 cm.</p> <p><<Alt: 158 - 161.63 Trace Calcite>></p> <p><<Alt: 159.5 - 162 Moderate Muscovite>> sericite-muscovite in fault zones</p> <p><<Struc: 159.95 - 161.63 Strong Fault>></p> <p>161.63 167.52 RHYvl Lapilli tuff</p> <p><<Min: 165 - 168 0.5% Min: Pyrite>></p> <p><<Min: 165 - 168 0.5% Min: Pyrrhotite>></p> <p><<Alt: 161.63 - 182 Weak Calcite>></p> <p><<Alt: 162 - 196.7 Weak Muscovite>></p> <p><<Struc: 161.63 - 164.5 Weak Fault>> minor zones of crushed core, 6 gougy shears 1-3cm.</p> <p><<Struc: 164.5 - 166 Moderate dominant foliation>></p> <p>167.52 172.27 RHYcf Feldspar & feldspar quartz porphyry</p> <p>167.52 - 172.27: feldspar phenos 0.2- <1cm</p> <p><<Min: 168 - 176.25 2% Min: Pyrite>></p> <p><<Struc: 172 - 172.7 Weak Fault>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
172.27	176.25	RHYv Rhyolite volcanoclastic 172.27 - 176.25: several short sequences of RHYcf (boulders?), RHYva and Ryvl. 173.52-174.33: silicic bands with blebs and stringers of qtz-py. <<Struc: 174.5 - 175.3 Moderate dominant foliation>>									
176.25	181.98	RHYvl Lapilli tuff 176.25 - 181.98: rare blue qtz eyes <<Min: 176.25 - 181.98 1% Min: Pyrite>> <<Min: 180.7 - 181.98 0.5% Min: Pyrrhotite>> <<Vein: 181.93 - 182.56 25% Calcite>> <<Struc: 180.07 - 180.24 Weak Fault>>									
181.98	182.56	PEL Equigranular biotite + calcite +/- quartz rock <<Min: 181.98 - 182.56 3% Min: Pyrite>> <<Min: 181.98 - 182.56 3% Min: Pyrrhotite>> <<Alt: 182 - 182.56 Strong Calcite>>									
182.56	196.71	RHYvx Quartz and/or feldspar crystal tuff 182.56 - 196.71: rare blue qtz eyes and sparse strained feldspar phenos up to 1 cm. <<Min: 182.56 - 190.6 0.5% Min: Pyrite>> <<Min: 190.6 - 196.71 1% Min: Pyrite>> <<Min: 190.6 - 196.71 1% Min: Pyrrhotite>> <<Alt: 182.56 - 196.71 Weak Calcite>> <<Struc: 186 - 193.5 Moderate-Strong dominant foliation>>									
196.71	197.78	PEL Equigranular biotite + calcite +/- quartz rock <<Min: 196.71 - 198 0.1% Min: Pyrite>> <<Alt: 196.71 - 197.6 Strong Calcite>> <<Alt: 197.05 - 197.78 Weak Muscovite>> <<Alt: 197.6 - 199.4 Weak Calcite>> fracture filling									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
197.78	203.65	RHYi Aphanitic Rhyolite (intrusion)	197.78	199.00	1.22						
<p>197.78 - 203.65: 199.40-202.25: brecciated and qtz flooded RHYi with chlorite aggregates - replacement at upper contact and in cm size altered clasts. White calcite (replacing feldspar?) filling - pegmatitic 'brain rock' in appearance. Blebs, stringers and local zones of pyrite breccia matrix. Fluid - pyrite rich RHYi differentiate? 202.25-203.65: brecciated, silicified and weakly pyritized RHY - intensity decreases down hole.</p>											
<<Min: 198 - 200.65 1% Min: Pyrite>>			199.00	199.63	0.63						
<<Min: 198 - 200.65 1% Min: Pyrrhotite>>			199.63	200.12	0.49						
<<Min: 200.65 - 211.25 3% Min: Pyrite>>			200.12	201.28	1.16						
<<Alt: 199.4 - 203.65 Moderate Calcite>>			201.28	202.70	1.42						
<<Alt: 199.7 - 199.96 Weak-Moderate Chlorite>> partly altered to sericite			202.70	203.65	0.95						
<<Alt: 200.45 - 203.5 Weak Chlorite>>											
<<Alt: 202.8 - 214.6 Weak Muscovite>>											
<<Vein: 198.49 - 202.13 20% Quartz-Carbonate-Sulphide>> qtz - carb - py veins cutting and filling (as matrix) brecciated RHYi with chlorite alteration.											
203.65	234.09	RHYvl Lapilli tuff									
<<Min: 211.25 - 216.7 1% Min: Pyrite>>											
<<Min: 216.7 - 220.3 3% Min: Pyrite>>											
<<Min: 216.7 - 225 1% Min: Pyrrhotite>>											
<<Min: 216.7 - 231 2% Min: Pyrite>>											
<<Min: 216.7 - 231 2% Min: Pyrrhotite>>											
<<Min: 231 - 233.95 3% Min: Pyrite>>											
<<Min: 231 - 260.82 3% Min: Pyrrhotite>> occasional blebs and wispy bands.											
<<Alt: 203.65 - 234 Weak Calcite>> trace to weak, diss, rare bands and veinlets and blebs.											
<<Alt: 214.6 - 253.8 Weak Muscovite>> waxy - silver muscovite - sericite coated foliation											
<<Alt: 234 - 250 Trace Calcite>>											
<<Vein: 203.9 - 206.57 10% Quartz-Carbonate>>											
<<Vein: 213.3 - 214.4 5% Quartz-Tourmaline>>											
<<Struc: 206.5 - 207 Weak Fault>>											
<<Struc: 207.3 - 207.95 Moderate dominant foliation>>											
<<Struc: 208.27 - 208.37 Moderate Fault>>											
<<Struc: 216 - 216.3 Weak-Moderate dominant foliation>>											
<<Struc: 225 - 227.25 Moderate dominant foliation>>											
<<Struc: 227.25 - 227.35 Moderate-Strong Fault>>											
<<Struc: 229.8 - 231.8 Moderate dominant foliation>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 231 - 232.7 Weak-Moderate dominant foliation>></p> <p>234.09 234.83 MDSt Rhyolite tuff dominant mudstone</p> <p>234.83 239.60 RHYvi Lapilli tuff</p> <p>234.83 - 239.6: silic bands</p> <p>239.60 253.80 RHYvi Lapilli tuff</p> <p>239.6 - 253.8: sections with <1-2 mm feldspar phenos. Local sections with silic bands.</p> <p><<Alt: 250 - 250.9 Weak-Moderate Calcite>></p> <p><<Alt: 250.9 - 283 Weak Calcite>></p> <p><<Vein: 247.21 - 247.24 100% Carbonate-Chlorite 50 deg. >></p> <p><<Struc: 240.17 - 242.2 Weak-Moderate dominant foliation>></p> <p><<Struc: 244.8 - 246.6 Moderate dominant foliation>></p> <p>253.80 260.82 RHYc Rhyolite coherent volcanics</p> <p>253.8 - 260.82: Weakly sheared, disrupted silic bands. Lowermost meter is sheared dismembered RHYc that now consists of qtz-rhy clasts, containing encapsulated and preserved py, surrounded by muscovite - weak sericite altered and sheared rhy lithons.</p> <p><<Min: 254.9 - 260.82 1% Min: Pyrite>> py encapsulated in qtz clasts</p> <p><<Alt: 253.8 - 269.4 Moderate Muscovite>></p> <p><<Vein: 253.8 - 254.6 40% Quartz>></p> <p><<Struc: 256.7 - 257.35 Weak-Moderate Shear>></p> <p>260.82 261.65 MDSt Rhyolite tuff dominant mudstone</p> <p><<Min: 260.82 - 261.65 5% Min: Pyrite>></p> <p><<Min: 260.82 - 261.65 3% Min: Pyrrhotite>></p> <p><<Struc: 261 - 261.8 Moderate dominant foliation>></p> <p>261.65 269.55 RHYvi Lapilli tuff</p> <p><<Min: 261.65 - 267.1 3% Min: Pyrite>></p> <p><<Min: 261.65 - 267.1 3% Min: Pyrrhotite>></p> <p><<Min: 267.1 - 276 3% Min: Pyrite>></p> <p><<Min: 267.1 - 276 1% Min: Pyrrhotite>></p> <p><<Alt: 269.4 - 272.56 Strong Muscovite>> sericite</p> <p><<Vein: 263 - 263.6 30% Quartz>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Vein: 267.28 - 267.64 70% Quartz>> <<Struc: 265.35 - 265.4 Moderate dominant foliation>> 269.55 285.58 RHYv Rhyolite volcanoclastic 269.55 - 285.58: numerous sections with silic bands			280.10	281.60	1.50	B00291693	-0.005	0.4	-0.01	-0.01	0.01
<<Min: 276 - 282.1 1% Min: Pyrite>> <<Min: 276 - 282.1 1% Min: Pyrrhotite>> <<Min: 282.1 - 285.58 3% Min: Pyrite>> <<Alt: 272.56 - 285.58 Strong Muscovite>> sericite <<Alt: 283 - 285.58 Moderate-Strong Calcite>> <<Vein: 269.55 - 272.66 10% Quartz>> <<Vein: 278.25 - 279.3 25% Quartz>> <<Struc: 273.5 - 277.6 Moderate dominant foliation>> <<Struc: 283 - 285.58 Weak-Moderate Shear>> Sheared rhy, mostly along foliation. 7cm sheared contact at 285.58 m. <<Struc: 284.1 - 284.7 Moderate-Strong dominant foliation>> strong sericite partings <<Struc: 285.57 - 285.59 Moderate-Strong Contact>>			281.60	283.10	1.50	B00291694	0.011	1.3	-0.01	0.02	0.12
			283.10	284.00	0.90	B00291695	0.008	0.7	-0.01	0.01	0.03
			284.00	285.00	1.00	B00291696	0.06	3.2	0.02	0.12	0.22
			285.00	285.58	0.58	B00291697	0.056	11.8	0.02	0.21	0.38
285.58 288.45 OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite FMG			285.58	286.50	0.92	B00291698	1.32	195	0.59	2.76	7.21
<<Min: 285.58 - 288.45 5% Min: Sphalerite>> <<Min: 285.58 - 288.45 70% Min: Pyrite>> <<Min: 285.58 - 288.45 0.5% Min: Galena>> <<Min: 285.58 - 288.45 1% Min: Arsenopyrite>> <<Alt: 285.58 - 288.45 Trace Calcite>> <<Struc: 286.1 - 286.7 Weak-Moderate Foliation>> mineral banding			286.50	288.00	1.50	B00291699	1.64	121	1.46	0.73	4.68
			288.00	288.45	0.45	B00291702	0.7	62.5	0.51	0.45	7.44
288.45 317.58 RHYcw Curdy textured-flow banded (flows, subvolcanics)			288.45	288.90	0.45	B00291703	0.298	62.7	0.22	0.87	1.09
<<Min: 288.45 - 288.83 5% Min: Pyrite>> <<Min: 288.45 - 288.83 5% Min: Arsenopyrite>> <<Min: 288.83 - 322.52 1% Min: Pyrite>> <<Min: 288.83 - 322.52 0.5% Min: Arsenopyrite>> and as DIS, including rare euhedral 5mm crystals. <<Alt: 288.45 - 323.17 Trace Calcite>> patchy diss <<Alt: 288.5 - 319.5 Strong Muscovite>> <<Struc: 288.58 - 288.83 Moderate-Strong Fault>> brecciated with brecciated qtz-py-asp veinings			288.90	290.20	1.30	B00291704	0.015	1.7	-0.01	0.01	0.04
			290.20	291.55	1.35	B00291705	0.007	0.7	-0.01	-0.01	0.03
			291.55	293.00	1.45	B00291706	0.007	0.9	-0.01	-0.01	0.01
			293.00	294.25	1.25	B00291707	-0.005	0.4	-0.01	-0.01	-0.01
			294.25	295.60	1.35						
			295.60	297.00	1.40						
			315.00	316.25	1.25						

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
		<<Struc: 289.53 - 290.4 Moderate Fault>> 290.2-290.4; broken core, crushed	316.25	317.58	1.33						
		<<Struc: 289.65 - 291.15 Moderate Fault>>									
		<<Struc: 291.1 - 291.9 Moderate-Strong dominant foliation>>									
		<<Struc: 291.15 - 297.1 Weak Fault>>									
		<<Struc: 297.1 - 300.1 Moderate Fault>>									
		<<Struc: 298 - 299.4 Weak-Moderate Shear>>									
		<<Struc: 300 - 300.75 Weak-Moderate dominant foliation>>									
		<<Struc: 300.5 - 330.7 Weak Shear>>									
		<<Struc: 305.5 - 305.7 Moderate-Strong Crenulation cleavage>>									
		<<Struc: 311.8 - 312.8 Moderate Foliation>> foliation cut by crenulation cleavage									
		<<Struc: 311.8 - 312.8 Moderate-Strong Crenulation cleavage>>									
		317.58 323.17 RHYcw Curdy textured-flow banded (flows, subvolcanics)	317.58	319.00	1.42	B00291713	0.007	1	-0.01	-0.01	-0.01
		317.58 - 323.17: Cbppo looks like cordierite, 1mm and sparse at 317.58 to 4mm and abundant at 322.52m, but is soft, doesn't glint or fizz with HCl.									
		<<Min: 323 - 323.17 1% Min: Sphalerite>>	319.00	320.30	1.30	B00291714	0.033	2	-0.01	-0.01	-0.01
		<<Min: 323 - 323.17 1% Min: Pyrite>>	320.30	321.46	1.16	B00291715	0.014	0.5	-0.01	-0.01	-0.01
		<<Min: 323 - 323.17 0.5% Min: Chalcopyrite>>	321.46	322.52	1.06	B00291716	0.029	0.5	-0.01	-0.01	0.01
		<<Min: 323 - 323.17 1% Min: Arsenopyrite>>	322.52	323.17	0.65	B00291717	0.057	14.7	0.09	0.04	0.34
		<<Alt: 317.58 - 322.52 Weak-Moderate Cordierite>> cordierite replaced by Fe carbonate - calcite									
		<<Alt: 319.5 - 322.52 Moderate Muscovite>>									
		<<Struc: 318.5 - 319.15 Weak-Moderate dominant foliation>>									
		<<Struc: 319.75 - 320.5 Moderate dominant foliation>>									
		<<Struc: 321.2 - 321.24 Strong Vein>>									
		<<Struc: 321.38 - 321.49 Moderate-Strong Fault>>									
		<<Struc: 322.5 - 322.54 Strong Vein>>									
		<<Struc: 323.15 - 323.19 Strong Vein>> 322.52-323.17: qtz vein									
		323.17 332.35 OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	323.17	324.00	0.83	B00291718	2.07	409	0.16	4.4	10.8
		323.17 - 332.35: 329.06-323.21 & 331.92-332.35: DMG.									
		<<Min: 323.17 - 327 50% Min: Pyrite>>	324.00	325.25	1.25	B00291719	1.9	227	0.48	3.93	8.77
		<<Min: 323.17 - 327 10% Min: Sphalerite>>	325.25	326.50	1.25	B00291722	1.33	191	0.2	3.18	8.62

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 323.17 - 327	5% Min: Galena>>		326.50	327.75	1.25	B00291723	3.42	312	0.47	2.99	7.06
<<Min: 327 - 329.06	1% Min: Galena>>		327.75	329.06	1.31	B00291724	1.38	185	0.18	2.71	6.47
<<Min: 327 - 329.06	50% Min: Pyrite>>		329.06	330.00	0.94	B00291725	2.32	179	0.18	2.9	6.63
<<Min: 327 - 329.06	10% Min: Sphalerite>>		330.00	331.00	1.00	B00291726	2.91	206	0.36	3.55	6.89
<<Min: 327 - 331.7	10% Min: Barite>>		331.00	331.92	0.92	B00291727	2.53	184	0.23	4.19	10.2
<<Min: 329.06 - 329.21	5% Min: Magnetite>>		331.92	332.35	0.43	B00291728	1.87	129	0.37	3	6.91
<<Min: 329.06 - 331.92	50% Min: Pyrite>>										
<<Min: 329.06 - 331.92	15% Min: Sphalerite>>	concentrated in bands									
<<Min: 329.06 - 331.92	3% Min: Galena>>										
<<Min: 331.92 - 335.95	3% Min: Galena>>	and dis with CP									
<<Min: 331.92 - 335.95	3% Min: Pyrrhotite>>	and blebs with CP									
<<Min: 331.92 - 335.95	50% Min: Pyrite>>										
<<Min: 331.95 - 335.95	10% Min: Magnetite>>	dis in bands									
<<Min: 331.95 - 335.95	3% Min: Chalcopyrite>>										
<<Alt: 323.17 - 326	Moderate Calcite>>										
<<Alt: 326 - 327	Moderate-Strong Calcite>>										
<<Alt: 327 - 328.5	Trace Calcite>>										
<<Alt: 328.5 - 328.95	Weak-Moderate Calcite>>										
<<Alt: 328.95 - 344	Trace Calcite>>										
<<Struc: 323.17 - 323.2	Strong Contact>>	sheared - brecciated qtz vein - OB contact.									
<<Struc: 327 - 328.19	Moderate Foliation>>	mineral banding									
332.35	335.95	OA									
		Laminar or heavily disseminated magnetite bearing massive sulphide	332.35	333.50	1.15	B00291729	0.656	165	0.35	4.27	9.66
<<Struc: 333 - 334	Weak-Moderate Foliation>>	mineral banding									
<<Struc: 334 - 335	Weak-Moderate Foliation>>	mineral banding									
335.95	337.82	OB									
		Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	333.50	334.75	1.25	B00291731	0.818	176	0.14	5.95	10.1
			334.75	335.95	1.20	B00291732	0.853	168	0.29	4.73	7.29
			335.95	337.00	1.05	B00291733	1.83	125	0.26	1.84	4.95
<<Min: 335.95 - 337.82	15% Min: Sphalerite>>										
<<Min: 335.95 - 337.82	40% Min: Pyrite>>	and semi MAS	337.00	337.82	0.82	B00291734	2.33	140	0.14	2.6	7.29
<<Min: 335.95 - 337.82	1% Min: Galena>>										
<<Min: 335.95 - 337.82	10% Min: Barite>>	bands and blebs									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
337.82	339.63	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	337.82	339.00	1.18	B00291735	2.92	226	0.17	3.78	8.07
<<Min: 337.82 - 339 3% Min: Galena>> <<Min: 337.82 - 339.63 20% Min: Sphalerite>> diss in bands <<Min: 337.82 - 339.63 40% Min: Pyrite>> <<Min: 337.82 - 339.63 5% Min: Magnetite>> <<Min: 337.82 - 339.63 10% Min: Barite>> bands and blebs <<Min: 339 - 341.86 5% Min: Galena>> <<Struc: 338 - 339.5 Weak-Moderate Foliation>> mineral banding			339.00	339.63	0.63	B00291736	2.75	399	0.23	6.1	13.9
339.63	341.86	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	339.63	340.70	1.07	B00291737	2.67	396	0.16	6.29	10.8
339.63 - 341.86: a weak looking OK <<Min: 339.63 - 341.86 20% Min: Sphalerite>> <<Min: 339.63 - 341.86 5% Min: Barite>> and as diss <<Struc: 341.8 - 343 Weak-Moderate Foliation>> mineral banding			340.70	341.86	1.16	B00291738	4.04	372	0.46	4.48	9.87
341.86	344.00	OA Laminar or heavilly disseminated magnetite bearing massive sulphide	341.86	343.00	1.14	B00291739	0.632	116	0.4	2.32	11.3
<<Min: 341.86 - 344 3% Min: Sphalerite>> <<Min: 341.86 - 344 60% Min: Pyrite>> <<Min: 341.86 - 344 20% Min: Magnetite>> <<Min: 341.86 - 344 0.5% Min: Galena>> <<Alt: 342.68 - 375.64 Weak Chlorite>> <<Struc: 343 - 344 Weak-Moderate Foliation>> mineral banding			343.00	344.00	1.00	B00291742	0.65	76.2	0.86	1.16	8.83
344.00	345.74	RHY undifferentiated rhyolite	344.00	345.15	1.15	B00291743	0.013	1.9	-0.01	0.02	0.05
344 - 345.74: 5 - 10 cm of chlorite alteration at upper nd lower contacts and at 345.15-345.30 m (OJ mineralization). <<Min: 344 - 345.15 1% Min: Pyrite>> <<Min: 344.9 - 345.15 3% Min: Pyrrhotite>> <<Min: 345.15 - 345.3 3% Min: Pyrite>> <<Min: 345.15 - 345.3 5% Min: Pyrrhotite>>			345.15	345.74	0.59	B00291744	0.012	3.6	0.03	0.04	0.3

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 345.3 - 346.65 1% Min: Tetrahedrite>> <<Min: 345.3 - 346.65 3% Min: Sphalerite>> <<Min: 345.3 - 346.65 5% Min: Pyrite>> <<Min: 345.3 - 346.65 10% Min: Pyrrhotite>> <<Min: 345.3 - 346.65 1% Min: Galena>> <<Min: 345.3 - 346.65 3% Min: Chalcopyrite>> <<Alt: 344 - 345.15 Weak Chlorite>> <<Alt: 344 - 345.15 Trace Cordierite>> <<Alt: 345.15 - 345.3 Strong Chlorite>> <<Alt: 345.15 - 345.3 Moderate Cordierite>> <<Alt: 345.3 - 345.74 Trace Chlorite>> <<Alt: 345.3 - 345.74 Trace Cordierite>> <<Struc: 344 - 344.1 Moderate-Strong Contact>> <<Struc: 345.5 - 346.5 Moderate dominant foliation>>											
345.74	346.65	OJ Heavilly disseminated sulphides and/or stringer style mineralization in proximal altered rock	345.74	346.65	0.91	B00291745	0.047	23.7	0.42	0.1	5.38
<<Alt: 345.74 - 346.65 Moderate-Strong Chlorite>> <<Alt: 345.74 - 346.65 Moderate-Strong Cordierite>>											
346.65	354.60	RHYvi Lapilli tuff	346.65	348.00	1.35	B00291746	-0.005	1.7	0.02	-0.01	0.03
<<Min: 346.65 - 347.24 3% Min: Pyrite>> <<Min: 347.24 - 354.6 0.5% Min: Pyrite>> <<Min: 347.3 - 354.6 3% Min: Pyrrhotite>> diss and diss in bands <<Min: 352.4 - 353.58 0.5% Min: Arsenopyrite>> <<Alt: 346.65 - 347.2 Trace Chlorite>> <<Alt: 346.65 - 347.2 Trace Biotite>> <<Alt: 346.75 - 354.6 Moderate Muscovite>> <<Vein: 348.17 - 348.18 Quartz-Tourmaline>> <<Struc: 347.3 - 347.5 Weak-Moderate dominant foliation>> <<Struc: 349.5 - 350.5 Moderate dominant foliation>> <<Struc: 351.4 - 351.7 Moderate dominant foliation>>											
			348.00	349.25	1.25	B00291747	-0.005	1.7	-0.01	0.01	0.02
			349.25	350.50	1.25	B00291748	-0.005	0.8	-0.01	-0.01	0.03
			350.50	352.00	1.50	B00291749	-0.005	0.5	-0.01	-0.01	-0.01
			352.00	353.23	1.23						
			353.23	354.60	1.37						

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
354.60	355.50	PEL Equigranular biotite + calcite +/- quartz rock <<Min: 354.6 - 355.5 3% Min: Pyrrhotite>> <<Alt: 354.6 - 355.15 Weak Muscovite>> <<Alt: 354.6 - 355.5 Strong Calcite>> <<Alt: 355.15 - 364.46 Weak-Moderate Muscovite>>									
355.50	358.30	RHYvl Lapilli tuff <<Min: 355.5 - 357.8 1% Min: Pyrite>> <<Min: 355.5 - 357.82 1% Min: Pyrrhotite>> <<Min: 357.8 - 360.25 1% Min: Pyrite>> fault zone <<Alt: 355.5 - 358.3 Weak-Moderate Calcite>> <<Struc: 357.85 - 360.2 Moderate Fault>>									
358.30	359.00	PEL Equigranular biotite + calcite +/- quartz rock 358.3 - 359: in fault zone <<Alt: 358.3 - 359 Strong Calcite>>									
359.00	364.46	RHYvl Lapilli tuff <<Min: 360.25 - 364.46 1% Min: Pyrite>> <<Min: 360.25 - 364.46 1% Min: Pyrrhotite>> <<Alt: 359 - 372.07 Moderate-Strong Calcite>> <<Alt: 360.2 - 364.46 Weak Chlorite>> <<Vein: 361 - 361.31 100% Quartz 45 deg. >> <<Struc: 360.2 - 362 Weak Fault>> <<Struc: 363.65 - 365 Moderate dominant foliation>>									
364.46	372.07	RHYvl Lapilli tuff <<Min: 364.46 - 372.07 1% Min: Pyrite>> <<Min: 364.46 - 372.07 1% Min: Pyrrhotite>> <<Alt: 364.46 - 372.07 Weak Muscovite>> MU on foliation between Bio - Chl clots <<Struc: 370.7 - 372.07 Moderate dominant foliation>>									
372.07	375.64	RHYva Coarse grained to ash tuff <<Min: 372.07 - 375.64 1% Min: Pyrite>> <<Min: 372.07 - 375.64 1% Min: Pyrrhotite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 372.07 - 375.64		Weak Muscovite>>									
<<Alt: 372.07 - 375.64		Trace Calcite>>									
<<Vein: 372.12 - 372.69		100% Quartz-Albite>>									
		97% qtz									
375.64	379.75	RHYvl Lapilli tuff									
<<Min: 375.64 - 377		1% Min: Pyrite>>									
<<Min: 375.64 - 377		3% Min: Pyrrhotite>>									
<<Min: 377 - 380.45		1% Min: Pyrite>>									
<<Alt: 375.64 - 379.75		Weak Muscovite>>									
		MU on foliation between Bio - Chl clots									
<<Alt: 375.64 - 379.75		Moderate-Strong Calcite>>									
<<Vein: 377.87 - 378.1		100% Quartz>>									
<<Struc: 376.5 - 377		Moderate dominant foliation>>									
379.75	380.50	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
<<Min: 380.45 - 405.31		1% Min: Pyrite>>									
<<Min: 380.45 - 405.31		3% Min: Pyrrhotite>>									
<<Alt: 379.75 - 380.5		Strong Calcite>>									
<<Vein: 379.75 - 384.26		100% Calcite>>									
		includes foliaform veinlets									
<<Struc: 380.49 - 380.51		Moderate-Strong Contact>>									
380.50	382.12	RHYvl Lapilli tuff									
<<Alt: 380.5 - 382.12		Weak Muscovite>>									
		MU on foliation between Bio - Chl clots									
<<Alt: 380.5 - 382.12		Moderate-Strong Calcite>>									
<<Struc: 381 - 382		Weak-Moderate dominant foliation>>									
382.12	384.26	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
382.12 - 384.26:		might be a fine ash - pelite (without the biotite).									
<<Alt: 382.12 - 384.26		Strong Calcite>>									
<<Struc: 382.8 - 383		Moderate Foliation>>									
		banding in 'MAFi dyke' (possibly a PEL-ash unit)									
384.26	395.10	RHYvl Lapilli tuff									
<<Alt: 384.26 - 393.36		Moderate-Strong Calcite>>									
<<Alt: 384.26 - 395.1		Weak Muscovite>>									
		MU on foliation between Bio - Chl clots.									
<<Alt: 393.36 - 405.31		Trace Calcite>>									
<<Vein: 391.65 - 391.69		100% Quartz-Tourmaline>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 386.6 - 387 Weak-Moderate Fault>> <<Struc: 390.46 - 390.66 Weak Fault>> <<Struc: 394.9 - 395 Weak Fault>> 395.10 405.31 RHYvl Lapilli tuff <<Min: 404.31 - 412.28 2% Min: Pyrite>> <<Alt: 395.1 - 405.31 Weak-Moderate Muscovite>> fine white muscovite <<Alt: 395.1 - 405.31 Trace Chlorite>> <<Alt: 395.1 - 405.31 Trace Biotite>> <<Vein: 395.25 - 395.4 Quartz>> in fault zone <<Struc: 397.35 - 397.45 Weak Fault>> <<Struc: 398.06 - 398.63 Weak Fault>> <<Struc: 401.55 - 402.65 Moderate-Strong Fault>> 405.31 412.28 RHYvl Lapilli tuff 405.31 - 412.28: feldspar phyrlic - weak <<Min: 405.31 - 412.28 3% Min: Pyrrhotite>> <<Alt: 405.31 - 420.32 Weak-Moderate Muscovite>> <<Alt: 405.31 - 420.32 Trace Chlorite>> <<Alt: 405.31 - 420.32 Trace Biotite>> <<Struc: 406.5 - 407.07 Weak-Moderate dominant foliation>> 412.28 420.32 RHYvl Lapilli tuff <<Min: 412.28 - 420.32 3% Min: Pyrite>> <<Struc: 412.36 - 412.57 Weak-Moderate Fault>> <<Struc: 414 - 420 Weak Fault>> small fault - shear zones (10-20 cm wide), spaced about 1 m, with MU alteration +/- mm's clay gouge that destroy BCQlpl alteration. 420.32 423.94 RHYvl Lapilli tuff <<Min: 420.32 - 423.94 1% Min: Pyrite>> <<Min: 420.32 - 423.94 3% Min: Pyrrhotite>> <<Alt: 420.32 - 423.94 Weak Muscovite>> MU on foliation between Bio - Chl clots. <<Vein: 422.36 - 422.37 100% Quartz-Chlorite-Tourmaline 57 deg. >> 423.94 425.00 RHYvl Lapilli tuff <<Min: 423.94 - 425 1% Min: Pyrite>> <<Min: 423.94 - 425 0.1% Min: Pyrrhotite>> <<Alt: 423.94 - 425 Weak-Moderate Muscovite>></p>											

GeoSpark Logger ~ Drill Log

Project:
KZK
Hole Number:
K16-363

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
425.00	432.00	RHYvl Lapilli tuff <<Min: 425 - 435 3% Min: Pyrrhotite>> <<Alt: 425 - 435 Weak Muscovite>> MU on foliation between Bio - Chl clots. <<Vein: 431.17 - 431.25 100% Quartz-Tourmaline 15 deg. >> <<Struc: 427.6 - 429 Moderate dominant foliation>>									
432.00	432.20	PEL Equigranular biotite + calcite +/- quartz rock									
432.20	433.12	RHYvl Lapilli tuff									
433.12	433.27	PEL Equigranular biotite + calcite +/- quartz rock									
433.27	435.00	RHYvl Lapilli tuff <<Struc: 434.5 - 435 Moderate dominant foliation>>									
End of Hole @ 435											