

GeoSpark Logger ~ Drill Log

Project:

KZK

Hole Number:

K16-417

Prospect:	Krakatoa	Hole Type:	DD	Survey Type:	PLND-LIDAR	Logged By:	Jerome de Pasquale	
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Jerome de Pasquale	Date Logging Start:	9/9/2016	
UTM Easting	415209	Core Size:	HQ3	Azimuth:	222.8	Date Logging Complete:	9/15/2016	
UTM Northing:	6815286	Casing Pulled?:	Yes	Dip:	-79.1	Drill Company:	New Age	
UTM Elev. (m):	1425	Casing Depth (m):	12	Length (m):	366	Drill Rig:	Zinex A5	
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	9/8/2016	
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	9/14/2016	
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Resource Definition	
Comments:							Parent Hole:	

K16-417 is a Krakatoa resource infill hole. The top of the hole consists of graphitic calcareous mudstone and interbedded mafic tuff of the Wind Lake formation. The contact with the KZK formation occurs at 46.88m which comprises volcanoclastic, aphanitic and coherent rhyolite. Muscovite alteration increases progressively from 198.50 - 270.70 m with two narrow zones of OI type mineralization (dominantly PO/PY/minor SP and GL) intercepted at 241.33 m and 248.54 m. The Krakatoa upper lens occurs at 270.70m with the zone of mineralisation extending to 292.20 m. Here mineralization consists of OA, OB, and OI types with minor OK/OL intercalated with muscovite altered rhyolite for a total of 11.44meters of massive sulphide. The contact with the footwall mafic intrusion occurs at 288.41 m. The footwall mafic is cut by a fault zone and also contains thin massive sulphide lenses from 304.72m to 305.60 m, 323.29 to 323.61 m, and 329.61 to 329.80 m. Below the narrow lenses is a weakly muscovite altered rhyolite volcanoclastic rock with disseminated pyrite and pyrrhotite, as well as sphalerite in proximity to the sulphide lenses.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-79.1	221.4	1.4	222.8	TN14	Jerome de Pasquale	9/8/2016		<input checked="" type="checkbox"/>	
0.01	-78.8419	221.4	1.4	222.8	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.5467
5	-78.7883	221.7396	1.4	223.1396	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
10	-78.7103	222.4357	1.4	223.8357	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.5997
15	-78.6014	222.6519	1.4	224.0519	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.5044
20	-78.5257	222.6977	1.4	224.0977	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.2375
25	-78.6966	222.4426	1.4	223.8426	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.4013
27	-78.5	202.4	22.1	224.5	ReflexEZS	New Age	9/9/2016	5779	<input type="checkbox"/>	
30	-78.786	222.0407	1.4	223.4407	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9439
35	-78.7869	221.2449	1.4	222.6449	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.4305
40	-78.7147	220.4332	1.4	221.8332	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9347
45	-79.0018	220.2917	1.4	221.6917	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
50	-78.9559	219.6511	1.4	221.0511	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
55	-79.0552	218.2411	1.4	219.6411	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
57	-78.5	202.4	22.1	224.5	ReflexEZS	New Age	9/10/2016	5779	<input type="checkbox"/>	
60	-78.9747	216.8581	1.4	218.2581	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
65	-78.8119	216.0445	1.4	217.4445	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	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
70	-78.6117	215.3776	1.4	216.7776	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
75	-78.439	214.8747	1.4	216.2747	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
80	-78.193	214.4496	1.4	215.8496	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
85	-78.0314	214.3773	1.4	215.7773	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9752
87	-78.2	196.9	22.1	219	ReflexEZS	New Age	9/10/2016	5736	<input type="checkbox"/>	
90	-77.8098	214.1115	1.4	215.5115	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
95	-77.6611	213.7321	1.4	215.1321	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
100	-77.6338	213.3066	1.4	214.7066	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
105	-77.5632	212.9644	1.4	214.3644	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
110	-77.5084	212.5747	1.4	213.9747	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.7817
115	-77.37	212.1803	1.4	213.5803	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.8778
117	-77.4	195.4	22.1	217.5	ReflexEZS	New Age	9/10/2016	5719	<input type="checkbox"/>	
120	-77.2219	211.9018	1.4	213.3018	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
125	-77.1858	211.905	1.4	213.305	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
130	-77.0048	211.7424	1.4	213.1424	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
135	-76.8154	211.1837	1.4	212.5837	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.941
140	-76.6452	210.1909	1.4	211.5909	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
145	-76.4193	209.5842	1.4	210.9842	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
147	-76.5	191.5	22.1	213.6	ReflexEZS	New Age	9/11/2016	5737	<input type="checkbox"/>	
150	-76.2401	209.0898	1.4	210.4898	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
155	-76.1582	208.6215	1.4	210.0215	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
160	-76.153	209.0112	1.4	210.4112	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
165	-76.1689	208.9459	1.4	210.3459	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
170	-76.1799	209.0393	1.4	210.4393	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
175	-76.2453	208.4185	1.4	209.8185	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
177	-76.2	190.9	22.1	213	ReflexEZS	New Age	9/11/2016	5758	<input type="checkbox"/>	
180	-76.2611	208.4376	1.4	209.8376	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
185	-76.138	207.9106	1.4	209.3106	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
190	-75.9556	207.6804	1.4	209.0804	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
195	-75.8482	207.732	1.4	209.132	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
200	-75.673	207.1972	1.4	208.5972	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
205	-75.5289	207.1144	1.4	208.5144	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9871
207	-75.6	186.7	22.1	208.8	ReflexEZS	New Age	9/12/2016	5739	<input type="checkbox"/>	
210	-75.3636	206.5801	1.4	207.9801	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100

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215	-75.1505	206.4262	1.4	207.8262	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
220	-74.8188	205.7997	1.4	207.1997	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
225	-74.6326	205.5437	1.4	206.9437	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.8498
230	-74.216	205.3532	1.4	206.7532	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
235	-74.1068	205.4978	1.4	206.8978	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
237	-74.1	189.3	22.1	211.4	ReflexEZS	New Age	9/12/2016	5740	<input type="checkbox"/>	
240	-73.9089	205.8103	1.4	207.2103	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9788
245	-73.7415	206.355	1.4	207.755	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.8978
250	-73.5864	207.036	1.4	208.436	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.6802
255	-73.3185	208.1665	1.4	209.5665	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.9977
260	-73.0143	208.2241	1.4	209.6241	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	99.6883
265	-72.8354	208.2659	1.4	209.6659	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
267	-73	190.2	22.1	212.3	ReflexEZS	New Age	9/13/2016	5797	<input type="checkbox"/>	
270	-72.8894	208.1178	1.4	209.5178	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
275	-72.8235	207.7527	1.4	209.1527	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
280	-72.7745	207.7275	1.4	209.1275	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
285	-72.6852	207.6747	1.4	209.0747	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
290	-72.8391	207.41	1.4	208.81	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
295	-72.7926	207.4166	1.4	208.8166	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
297	-72.8	189	22.1	211.1	ReflexEZS	New Age	9/13/2016	5713	<input type="checkbox"/>	
300	-72.7356	207.5492	1.4	208.9492	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
305	-72.5099	207.6626	1.4	209.0626	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
310	-72.5049	207.5825	1.4	208.9825	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
315	-72.3919	207.5162	1.4	208.9162	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
320	-72.6464	207.3072	1.4	208.7072	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
325	-72.6079	207.6769	1.4	209.0769	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
327	-72.6	186.8	22.1	208.9	ReflexEZS	New Age	9/14/2016	5622	<input type="checkbox"/>	
330	-72.7727	207.2841	1.4	208.6841	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
335	-72.6618	208.0912	1.4	209.4912	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
340	-72.5332	208.3761	1.4	209.7761	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
345	-72.2093	208.9871	1.4	210.3871	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
350	-71.9547	209.6496	1.4	211.0496	GYRO	Oscar Nielsen	9/14/2016		<input checked="" type="checkbox"/>	100
357	-71.8	190.8	22.1	212.9	ReflexEZS	New Age	9/14/2016	5728	<input type="checkbox"/>	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	12.07	OVBN Overburden <<Min: 12.04 - 46.88 0.5% Min: Pyrite>> <<Min: 12.04 - 46.88 3% Min: Pyrrhotite>> Higher content in mafic tuff units. <<Alt: 12.04 - 23.5 Moderate-Strong Calcite>> and veining.									
12.07	16.50	MAFt Mafic Volcaniclastics 12.07 - 16.5: Fine to medium grain, homogeneous, weakly foliated.	grey-green	FMG							
16.50	23.50	MDS Carbonaceous Mudstone & Tuffaceous Mudstone 16.5 - 23.5: Thinly foliated, CA bands, fine grain. <<Struc: 21 - 23.5 Weak Fault>> Fault gouge, minor.	black	FG							
23.50	28.12	MAFta Coarse grained to ash tuff 23.5 - 28.12: Fine grain, weakly foliated, sharp contact, QZ/CA wavy bands/veins. Narrow mudstone interval intercalated. <<Min: 26.22 - 288.31 10% Min: Magnetite>> <<Alt: 23.5 - 28.1 Moderate Calcite>> <<Alt: 28.1 - 46.88 Weak Calcite>> <<Struc: 23.9 - 23.91 dominant foliation>>	grey-green	FG							
28.12	36.60	MDS Carbonaceous Mudstone & Tuffaceous Mudstone 28.12 - 36.6: Fine grain, black, CA veinlets, rare light blue bands-CA rich (limestone relics). PO in foliation. Narrow mafic tuff intervals intercalated. <<Vein: 30.6 - 31.4 Quartz-Carbonate>> QZ/Ca veins representing 35% of the interval. <<Struc: 34.4 - 34.6 Trace Fault>> Multiple narrow fault gouge intervals-sandy clay. <<Struc: 34.7 - 34.71 dominant foliation>>	black	FG							
36.60	37.36	CHT Chert 36.6 - 37.36: Silica banded, green grey, felsic interval, could be flow or silicified pumice, PO disseminated.	grey-green								
37.36	42.36	MDS Carbonaceous Mudstone & Tuffaceous Mudstone 37.36 - 42.36: Graphitic mudstone, thin foliation.	black	FG							

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
42.36	43.76	MDS Carbonaceous Mudstone & Tuffaceous Mudstone									
42.36 - 43.76: Silica banded, PO patch. Cherty mudstone.											
43.76	46.88	MDS Carbonaceous Mudstone & Tuffaceous Mudstone									
43.76 - 46.88: Fine grain, black, foliated, interval including large QZ vein at lower contact.											
<<Min: 45.88 - 116 1% Min: Pyrrhotite>> Concentrated in and at contact with narrow possibly sediment intervals.											
<<Vein: 46.3 - 46.88 Quartz-Tourmaline>> Massive QZ/TML vein, gougy at upper contact, marking the contact between Wind Lake and KZK formations.											
<<Struc: 45.4 - 47.4 Weak-Moderate Fault>> Chaotic interval showing weak folding, QZ/TML massive veins, fault gouge at contact between Wind Lake and KZK formation.											
46.88	48.80	SEDC calcareous Sediment									
46.88 - 48.8: Calcareous, fine to medium grain, banded, few biotite, heterogeneous.											
<<Min: 46.88 - 78.17 0.1% Min: Pyrite>>											
<<Alt: 46.88 - 65 Trace Calcite>>											
48.80	49.50	RHYvx Quartz and/or feldspar crystal tuff									
48.8 - 49.5: Light blue crystal tuff, weakly carbonaceous (1 to 2mm wide, euhedral), locally abundant QZ eyes, faulted at lower contact. Recognized as marker unit between Wind Lake and KZK formations.											
49.50	78.17	RHYvi Lapilli tuff									
49.5 - 78.17: Fine to medium grain, light grey/green, possibly intermediated composition, containing strained lapilli. Locally gougy and Qz veins. Few calcareous sediment narrow intervals, grey-brown. QZ/TML at upper contact, friable.											
<<Vein: 50.9 - 51.6 Quartz-Tourmaline>> Large QZ/TML vein.											
<<Vein: 54.93 - 56.12 Quartz-Tourmaline>> Large QZ/TML vein (possibly late TML).											
<<Vein: 75.04 - 75.18 Carbonate-Chlorite>> QZ and black greasy mineral (chlorite?)											
<<Vein: 76.96 - 77.35 Quartz>> QZ vein, fracture.											
<<Struc: 50.9 - 52.05 Weak-Moderate Fault>> Chaotic interval showing weak folding, QZ/TML massive veins, fault gouge, similar to contact between Wind Lake and KZK formation above.											
<<Struc: 56.8 - 56.81 dominant foliation>>											
<<Struc: 59.97 - 59.98 dominant foliation>>											
<<Struc: 61.45 - 73.25 Trace Fault>> Multiple narrow minor fault gouge zone, up to 15 cm wide, sandy clay.											
<<Struc: 68.81 - 68.82 dominant foliation>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 77.88 - 77.89 dominant foliation>></p> <p>78.17 79.38 RHYva Coarse grained to ash tuff grey-green FG</p> <p>78.17 - 79.38: Fine grain matrix, PY disseminated.</p> <p><<Min: 78.17 - 79.38 0.5% Min: Pyrite>></p> <p><<Alt: 78.17 - 82.62 Weak-Moderate Calcite>></p> <p>79.38 82.62 RHYvl Lapilli tuff grey-green</p> <p>79.38 - 82.62: Silicic bands, possibly flow, probably volcanoclastic. Few small feldspar disseminated. SP trace at upper contact.</p> <p><<Min: 79.38 - 80 0.1% Min: Sphalerite>> Along the foliation, low content.</p> <p><<Min: 79.38 - 95 0.1% Min: Pyrite>></p> <p>82.62 84.31 RHYi Aphanitic Rhyolite (intrusion) grey-green</p> <p>82.62 - 84.31: Siliceous, locally clastic (fractured/banded), QZ veins, few CL.</p> <p><<Alt: 82.62 - 98.35 Moderate-Strong Silicification>></p> <p><<Alt: 82.62 - 111.62 Weak Calcite>> Disseminated and in fracture.</p> <p>84.31 85.35 RHYv Rhyolite volcanoclastic grey FMG</p> <p>84.31 - 85.35: Locally silicic bands, possibly flow, probably volcanoclastic. Few small feldspar disseminated.</p> <p>85.35 101.27 RHYi Aphanitic Rhyolite (intrusion) grey-brown</p> <p>85.35 - 101.27: Silica rich, locally fragmental/banded to glassy. Main body between 98.35m to 101.27m. Upper margin is possibly silicified RHYv.</p> <p><<Min: 95 - 101.22 0.5% Min: Pyrite>></p> <p><<Min: 101.22 - 111.46 0.1% Min: Pyrite>></p> <p><<Alt: 98.35 - 101.27 Strong Silicification>> RHYi. Could be associated with albite alteration.</p> <p><<Vein: 92 - 92.2 Quartz>> QZ, fractured, few CA in fracture.</p> <p>101.27 106.17 RHYvl Lapilli tuff grey-green</p> <p>101.27 - 106.17: Silicic bands, lower margin of RHYi. Banded yellow muscovite alteration.</p> <p><<Alt: 101.27 - 106.17 Moderate Silicification>> Lower margin of RHYi.</p> <p><<Alt: 101.62 - 106.17 Moderate-Strong Muscovite>> Sharp contacts.</p> <p><<Vein: 104.69 - 105.09 Quartz>> QZ veining representing 70% of the interval.</p> <p>106.17 111.46 RHYvl Lapilli tuff grey-green FG</p> <p>106.17 - 111.46: Mid strained lapilli, fine grain matrix.</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 108 - 111 Trace Fault>> Multiple narrow minor fault gouge zone, up to 10 cm wide, sandy clay.</p>											
111.46	114.47	MAFi Mafic Intrusions (primarily light grey footwall mafic intrusion)									
<p>111.46 - 114.47: Possibly mafic material. CA in matrix and veinlets, BI porphyroblasts (low density), white/orange specks. Heterogeneous texture.</p>											
<p><<Min: 111.46 - 123 0.5% Min: Pyrite>> and patchy.</p>											
<p><<Alt: 111.46 - 114.47 Moderate Calcite>> and veinlets.</p>											
114.47	117.05	RHY undifferentiated rhyolite grey-brown FG									
<p>114.47 - 117.05: CA veins, skarny aspect from 115.00m to 117.05m, banded, heterogeneous/chaotic.</p>											
<p><<Min: 116 - 134.17 0.5% Min: Pyrrhotite>></p>											
<p><<Alt: 114.47 - 117.05 Weak-Moderate Calcite>> and QZ/CA veins.</p>											
<p><<Vein: 115 - 116.07 Quartz-Carbonate>> QZ/CA veining, deformed, large halo of alteration, skarny aspect.</p>											
117.05	120.26	RHYvl Lapilli tuff grey FG									
<p>117.05 - 120.26: Fine grain matrix, mid strained lapilli, curdy like at lower contact.</p>											
<p><<Alt: 117.05 - 120.26 Weak Calcite>></p>											
120.26	122.65	PEL Equigranular biotite + calcite black FMG +/- quartz rock									
<p>120.26 - 122.65: Homogeneous, BI/C rich, sharp upper contact, QZ/TML vein at lower contact, weak possibly secondary foliation.</p>											
<p><<Alt: 120.26 - 121.8 Strong Calcite>></p>											
<p><<Alt: 121.8 - 142.57 Weak Calcite>></p>											
<p><<Vein: 121.8 - 122.65 Quartz-Tourmaline>> QZ/TML vein containing host rock. Contact between PEL (MAFi?) and RHYv. The presence of large QZ tends to mafic dyke assumption.</p>											
122.65	126.97	RHYvl Lapilli tuff grey-green FMG									
<p>122.65 - 126.97: Fine to medium grain matrix, poorly sorted, possibly crystal fragments (angular clasts), locally silicic bands and curdy like texture undeveloped.</p>											
<p><<Min: 123 - 135 2% Min: Pyrite>> Associated with QZ bands.</p>											
126.97	132.95	RHYva Coarse grained to ash tuff grey-green FG									
<p>126.97 - 132.95: Few lapilli, locally weakly sheared, wavy translucent QZ veinlet set.</p>											
<p><<Struc: 130.07 - 131.9 Moderate Fault>> And shearing. Gravelly/ sandy gouge. Weak damage zone.</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
132.95	134.97	RHYvx Quartz and/or feldspar crystal tuff									
<p>132.95 - 134.97: Fine grain matrix, feldspar crystals (possibly fragments) and some euhedral showing locally jigsaw fit texture, poorly sorted, weakly foliated.</p> <p><<Min: 134.17 - 138.5 1% Min: Pyrrhotite>> Associated with PY.</p> <p><<Struc: 134.41 - 134.42 dominant foliation>></p>											
134.97	136.10	RHYv Rhyolite volcanoclastic									
<p>134.97 - 136.1: Fine grain at lower contact, weak MU alteration, locally QZ/PY patch showing vuggy texture.</p> <p><<Min: 135 - 150.32 3% Min: Pyrite>> Discontinuous QZCA/sometime PO?PY veins.</p>											
136.10	137.34	RHYvx Quartz and/or feldspar crystal tuff									
<p>136.1 - 137.34: Crystal aggregated, PY/QZ patch/vuggy texture. PO patch, green clots (altered lapilli or crystal ?) and large angular clasts (crystal fragments?). No QE.</p>											
137.34	142.57	RHYva Coarse grained to ash tuff									
<p>137.34 - 142.57: Few lapilli, weakly sheared.</p> <p><<Min: 138.5 - 158.8 0.5% Min: Pyrrhotite>></p>											
142.57	143.30	SEDc calcareous Sediment									
<p>142.57 - 143.3: Strongly calcareous, very fine grain, could be ash/mud layer.</p> <p><<Alt: 142.57 - 143.3 Strong Calcite>></p>											
143.30	150.32	RHYva Coarse grained to ash tuff									
<p>143.3 - 150.32: Few lapilli or clasts at lower contact, heterogeneous texture. QZ/PY/PO patch associated with silvery muscovite.</p> <p><<Alt: 143.3 - 151.32 Weak Calcite>></p> <p><<Struc: 143.3 - 143.31 Contact>> Contact calcareous ash/sediment and RHYva.</p>											
150.32	152.06	PEL Equigranular biotite + calcite +/- quartz rock									
<p>150.32 - 152.06: Calcareous, weakly foliated, BI/CA.</p> <p><<Min: 150.32 - 157.8 0.5% Min: Pyrite>></p> <p><<Alt: 151.32 - 152.06 Moderate-Strong Calcite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
152.06	153.07	RHYva Coarse grained to ash tuff									
152.06 - 153.07: Weakly foliated, fine to medium grain.											
<<Alt: 152.06 - 153.87 Weak Calcite>>											
153.07	157.80	SEDC calcareous Sediment									
153.07 - 157.8: Strongly calcareous, banded, fine grain biotite, sharp contact, non chill margin.											
<<Alt: 153.97 - 157.8 Strong Calcite>>											
<<Struc: 156.46 - 156.47 dominant foliation>>											
157.80	159.55	RHY undifferentiated rhyolite									
157.8 - 159.55: Chaotic interval, probably volcanoclastic rhyolite at contact with RHYi/transition.											
<<Min: 157.8 - 182.65 2% Min: Pyrite>> In fracture in RHYi.											
<<Min: 158.8 - 177 2% Min: Pyrrhotite>> In fracture in RHYi.											
<<Alt: 157.8 - 189.3 Weak Calcite>>											
159.55	165.18	RHYi Aphanitic Rhyolite (intrusion)									
159.55 - 165.18: Siliceous, aphanitic, fracture ion the margin, sulphide infill (PO/PY/GL/SP trace).											
<<Min: 159.55 - 165.18 0.1% Min: Sphalerite>> Associated with PO/PY/GL in RHYi.											
<<Min: 159.55 - 165.18 0.1% Min: Galena>> Associated with PO/PY/SP in RHYi.											
<<Alt: 159.55 - 165.18 Intense Silicification>> RHYi.											
165.18	166.84	RHYcw Curdy textured-flow banded (flows, subvolcanics)									
165.18 - 166.84: Muscovite altered, silica bands, possibly flow.											
<<Alt: 165.18 - 171.85 Strong Silicification>>											
166.84	167.34	RHY undifferentiated rhyolite									
166.84 - 167.34: Possibly ash layer at contact with RHYi, texture obscured.											
167.34	169.25	RHYc Rhyolite coherant volcanics									
167.34 - 169.25: Siliceous, heterogeneous, fracture at margin, could contain clasts of RHYi.											
169.25	171.85	RHYcf Feldspar & feldspar quartz porphyry									
169.25 - 171.85: Very few QE. Poorly sorted, angular clasts micro fractured.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
171.85	173.42	RHYi Aphanitic Rhyolite (intrusion) grey 171.85 - 173.42: Aphanitic, fractured, sulphide infill, grey. <<Alt: 171.85 - 173.42 Intense Silicification>> RHYi.									
173.42	175.25	RHYcf Feldspar & feldspar quartz grey-green porphyry 173.42 - 175.25: Containing feldspar poorly sorted showing jigsaw fit texture, possibly angular fragments. <<Alt: 173.42 - 178.49 Strong Silicification>> <<Vein: 174.18 - 174.44 Quartz>> QZ vein crosscutting siliceous unit.									
175.25	178.49	RHYc Rhyolite coherent volcanics grey-green 175.25 - 178.49: Siliceous, texture obscured, fractured, weak foliated. <<Min: 177 - 189.3 0.5% Min: Pyrrhotite>>									
178.49	182.65	RHYi Aphanitic Rhyolite (intrusion) grey 178.49 - 182.65: Aphanitic, fractured, sulphide infill, grey to orange at lower contact, possibly albite alteration. <<Alt: 178.49 - 182.65 Intense Silicification>> RHYi. <<Alt: 180 - 181 Moderate-Strong Albite>> Orange color, possibly albite alteration.									
182.65	186.43	RHYcw Curdy textured-flow banded grey-green (flows, subvolcanics) 182.65 - 186.43: Possibly flow banded. Lower margin of RHYi usually show this silicic banded texture. QZ/CA vein, whitish to purple (skarny aspect) destroying texture at lower contact. <<Min: 182.65 - 189.3 0.5% Min: Pyrite>> <<Alt: 182.65 - 186.43 Moderate Silicification>>									
186.43	189.30	RHYvl Lapilli tuff grey 186.43 - 189.3: Rare crystals or crystal fragments, mid strained lapilli, heterogeneous texture.									
189.30	197.73	SEDc calcareous Sediment grey-brown VFG 189.3 - 197.73: Calcareous fine grain layers, very fine grain, banded, pyrite discontinuous veinlets, rare clasts (1 to 3 mm wide). <<Min: 189.3 - 194.73 5% Min: Pyrite>> <<Min: 189.3 - 194.73 1% Min: Pyrrhotite>> <<Min: 194.73 - 198.6 1% Min: Pyrite>> <<Min: 194.73 - 227.24 0.5% Min: Pyrrhotite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 189.3 - 194.73 Moderate Calcite>> <<Alt: 194.73 - 283.7 Trace Calcite>> <<Vein: 190.16 - 190.43 Quartz>> Massive QZ vein, fractured.											
197.73	217.98	RHYv Rhyolite volcaniclastic									
197.73 - 217.98: Difficult to identified but no evidence of flow or curdy texture. Probably volcaniclastic, rare interval showing pseudo fragmental (almost boudinage) texture (disaggregated bands?). Heterogeneous, weakly altered MU.											
<<Min: 198.6 - 241.33 3% Min: Pyrite>> <<Alt: 198.5 - 227.24 Weak-Moderate Muscovite>> <<Vein: 209.26 - 229.5 Quartz-Tourmaline>> QZ/TML vein. TML in fracture associated with CA gangue. <<Struc: 198.1 - 198.6 Weak-Moderate Fault>> Fault gouge, healed at upper contact. <<Struc: 210.3 - 210.42 Weak Fault>> Sand/gravelly fault gouge, minor.											
217.98	239.91	RHYv Rhyolite volcaniclastic									
217.98 - 239.91: Possibly silicified pumice intervals mixed with finer grain volcaniclastic material. Locally large "clasts" aggregated or fractured silica bands.											
<<Min: 227.24 - 241.33 1% Min: Pyrrhotite>> <<Alt: 227.24 - 241.33 Moderate Muscovite>> <<Struc: 237.16 - 237.58 Moderate Fault>> Weak shearing at upper contact, fault gouge sandy/gravelly.											
239.91	241.33	RHY undifferentiated rhyolite									
239.91 - 241.33: Probably volcaniclastic rhyolite, MU alteration obscuring the texture.											
241.33	242.50	OI Heavilly disseminated sulphides in host schist									
241.33 - 242.5: Rhyolite hosted, foliated, mostly PO/PY, black mineral specks possible chlorite.											
<<Min: 241.33 - 242.5 0.5% Min: Sphalerite>> <<Min: 241.33 - 242.5 5% Min: Pyrite>> <<Min: 241.33 - 242.5 20% Min: Pyrrhotite>> <<Min: 241.33 - 242.5 1% Min: Galena>>											
242.50	248.54	RHY undifferentiated rhyolite									
242.5 - 248.54: Silica bands, wispy sulphide at lower contact, moderate MU alteration, QZ/PY patch.											
<<Min: 242.5 - 248 3% Min: Pyrite>> and semi massive vein. <<Min: 242.5 - 248 0.5% Min: Pyrrhotite>>											
			240.00	240.60	0.60	D00005617	0.006	-0.3	-0.01	-0.01	0.17
			240.60	241.33	0.73	D00005618	0.01	-0.3	-0.01	-0.01	-0.01
			241.33	241.92	0.59	D00005619	0.013	1	-0.01	-0.01	0.01
			241.92	242.50	0.58	D00005621	0.012	0.8	-0.01	0.01	0.01
			242.50	243.00	0.50	D00005622	-0.005	0.7	-0.01	-0.01	0.05
			243.00	244.00	1.00	D00005623	0.014	1.7	-0.01	0.02	-0.01
			247.00	248.00	1.00	D00005624	-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 %	
<<Min: 248 - 248.54	5% Min: Pyrite>>		248.00	248.54	0.54	D00005625	0.015	0.3	-0.01	-0.01	0.02	
<<Min: 248 - 248.54	10% Min: Pyrrhotite>>											
<<Alt: 242.5 - 247	Moderate Muscovite>>											
<<Alt: 247 - 256.8	Moderate-Strong Muscovite>>											
248.54	249.70	OI Heavily disseminated sulphides in host schist	FMG	248.54	249.18	0.64	D00005626	0.04	1	0.02	-0.01	0.02
248.54 - 249.7: Heavily disseminated to semi massive sulfide, PY/PO dominant, QZ veins.												
<<Min: 248.54 - 249.1	25% Min: Pyrrhotite>>	to semi massive.	249.18	249.70	0.52	D00005627	0.017	0.6	-0.01	-0.01	0.09	
<<Min: 248.54 - 249.1	1% Min: Galena>>											
<<Min: 248.54 - 249.7	10% Min: Pyrite>>											
<<Min: 249.1 - 257.42	1% Min: Pyrite>>											
<<Min: 249.1 - 257.42	0.5% Min: Pyrrhotite>>											
249.70	257.09	RHY undifferentiated rhyolite	grey-green	249.70	250.77	1.07	D00005628	-0.005	-0.3	-0.01	-0.01	-0.01
249.7 - 257.09: Strongly altered MU, texture obscured, QZ/PY patch.												
<<Min: 252.2 - 252.4	0.5% Min: Galena>>	In QZ veins.	250.77	252.00	1.23	D00005629	0.006	0.3	-0.01	-0.01	-0.01	
<<Alt: 256.8 - 269.7	Strong Muscovite>>											
<<Vein: 249.7 - 250.08	Quartz>>	Massive QZ vein, CA in fracture.										
<<Vein: 252.2 - 252.4	Quartz-Sulphide>>	QZ vein containing GL.										
<<Struc: 251.06 - 257.42	Weak Fault>>	Minor fault gouge zone, muscovite alteration/smooth joints, minor damage zone.										
257.09	270.70	RHYcw Curdy textured-flow banded (flows, subvolcanics)	grey-green	268.04	269.00	0.96	D00005631	0.014	1.4	-0.01	0.01	0.03
257.09 - 270.7: Strongly altered MU, locally flow texture, (or hyaloclastic), silica bands.												
<<Min: 257.42 - 269.7	0.1% Min: Pyrite>>		269.00	270.00	1.00	D00005632	0.012	1.3	-0.01	-0.01	0.02	
<<Min: 269.7 - 270.7	5% Min: Sphalerite>>		270.00	270.70	0.70	D00005633	0.011	2	0.01	0.02	0.02	
<<Min: 269.7 - 270.7	80% Min: Pyrite>>											
<<Min: 269.7 - 270.7	3% Min: Magnetite>>											
<<Min: 269.7 - 270.7	1% Min: Galena>>											
<<Struc: 257.42 - 260.5	Weak-Moderate Fault>>	And sheared, kink style deformation within the foliation.										

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
270.70	271.70	OA Laminar or heavily disseminated magnetite bearing massive sulphide	270.70	271.70	1.00	D00005634	2.6	256	1.95	1.56	6.64
<p>270.7 - 271.7: Or OB/disseminated magnetite.</p> <p><<Min: 270.7 - 272.5 2% Min: Sphalerite>></p> <p><<Min: 270.7 - 272.5 5% Min: Pyrite>></p> <p><<Min: 270.7 - 272.5 0.5% Min: Galena>></p> <p><<Min: 270.7 - 272.5 1% Min: Chalcocopyrite>> Remobilized.</p> <p><<Alt: 270.7 - 274.46 Moderate-Strong Muscovite>></p>											
271.70	272.60	OI Heavily disseminated sulphides in host schist	271.70	272.60	0.90	D00005635	4.49	85.5	0.65	0.25	0.95
<p>271.7 - 272.6: Rhyolite hosted, remobilized CP in QZ/CA vein.</p>											
272.60	273.96	RHY undifferentiated rhyolite grey-green	272.60	273.96	1.36	D00005636	0.105	2.8	0.01	0.03	0.03
<p>272.6 - 273.96: Silvery muscovite, foliated.</p> <p><<Min: 272.96 - 274.46 0.1% Min: Galena>></p> <p><<Vein: 273.37 - 273.5 Quartz-Chlorite-Sulphide>> QZ/CL vein containing sulfide (CP/GL/PY/SP trace)</p>											
273.96	274.46	OI Heavily disseminated sulphides in host schist	273.96	274.46	0.50	D00005637	0.541	59.5	0.44	0.32	0.89
<p>273.96 - 274.46: I rhyolite schist, foliated, laminated sulfide.</p> <p><<Min: 273.96 - 274.46 2% Min: Sphalerite>></p> <p><<Min: 273.96 - 274.46 20% Min: Pyrite>></p>											
274.46	277.20	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	274.46	275.00	0.54	D00005638	1.24	187	0.33	1.64	4.2
<p>274.46 - 277.2: Wispy laminated, CA in matrix, QZ clasts.</p> <p><<Min: 274.46 - 277.2 5% Min: Sphalerite>></p> <p><<Min: 274.46 - 277.2 70% Min: Pyrite>></p> <p><<Min: 274.46 - 277.2 3% Min: Galena>></p> <p><<Min: 274.46 - 277.2 0.5% Min: Chalcocopyrite>></p> <p><<Struc: 277.19 - 285.17 Weak-Moderate Fault>> Narrow fault gouge zone, friable semi massive sulfide, weakly sheared contacts.</p>											
	275.00		275.00	276.00	1.00	D00005639	1.84	215	0.27	1.74	5.92
	276.00		276.00	276.60	0.60	D00005641	1.92	200	0.34	1.67	5.65
	276.60		276.60	277.20	0.60	D00005642	2.68	255	0.97	2.13	7.36

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
277.20	283.70	RHY undifferentiated rhyolite grey-green	277.20	278.13	0.93	D00005643	0.027	1.6	-0.01	0.01	-0.01
277.2 - 283.7: PY disseminated, foliated, altered muscovite, probably volcanoclastic. Narrow OB interval from 278.13m to 278.40m, QZ clasts and CA in matrix. <<Min: 277.2 - 283.7 2% Min: Pyrite>> <<Alt: 277.2 - 283.7 Moderate-Strong Muscovite>>			278.13	279.00	0.87	D00005644	1.61	169	0.13	0.87	2.56
			279.00	280.00	1.00	D00005645	0.016	1.2	-0.01	-0.01	0.02
			280.00	281.00	1.00	D00005646	0.018	1.4	-0.01	-0.01	0.12
			281.00	282.00	1.00	D00005647	0.022	1.9	-0.01	0.02	0.03
			282.00	283.00	1.00	D00005648	1.8	119	0.16	0.97	2.59
			283.00	283.70	0.70	D00005649	0.029	1.9	-0.01	0.02	0.03
283.70	284.20	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	283.70	284.20	0.50	D00005651	2.16	297	0.06	4.65	10.1
283.7 - 284.2: CA, possibly weak BA in gangue, undeveloped OK. <<Min: 283.7 - 284.2 20% Min: Sphalerite>> <<Min: 283.7 - 284.2 30% Min: Pyrite>> <<Min: 283.7 - 284.2 5% Min: Galena>> <<Alt: 283.7 - 303.76 Moderate-Strong Calcite>>											
284.20	285.17	OI Heavily disseminated sulphides in host schist	284.20	285.17	0.97	D00005652	1.69	399	0.56	2.31	2.34
284.2 - 285.17: Friable, gougry texture, talc clots. <<Min: 284.2 - 285.17 5% Min: Sphalerite>> <<Min: 284.2 - 285.17 20% Min: Pyrite>> <<Min: 284.2 - 285.17 3% Min: Galena>>											
285.17	285.67	OK Heavily disseminated sulphides and/or stringer style mineralization associated with barite ± quartz ± carbonate gangue	285.17	285.67	0.50	D00005653	2.02	336	0.49	6.27	8.9
285.17 - 285.67: QZ clasts, in matrix,. <<Min: 285.17 - 285.67 15% Min: Sphalerite>> <<Min: 285.17 - 285.67 20% Min: Pyrite>> <<Min: 285.17 - 285.67 10% Min: Galena>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %	
<<Min: 285.17 - 288.41 15% Min: Barite>> Probably BA in gangue.												
285.67	286.22	OL semi to massive sulphide; 10 – 40% coarse buckshot PY in a SP +/- PO, MG, GL, CP matrix	MG	285.67	286.22	0.55	D00005654	3.31	639	0.22	12.4	19.7
285.67 - 286.22: SP rich, PY coarse grain buckshot texture well developed at upper contact, OK like at lower contact (probably BA gangue/heavy.)												
<<Min: 285.67 - 286.22 30% Min: Sphalerite>>												
<<Min: 285.67 - 286.22 15% Min: Pyrite>> and buckshot texture.												
<<Min: 285.67 - 286.22 10% Min: Galena>>												
286.22	288.41	OA Laminar or heavilly disseminated magnetite bearing massive sulphide	FMG	286.22	287.00	0.78	D00005655	1.81	303	0.43	5.61	7.88
286.22 - 288.41: Wispy laminated, CA/probably BA rich gangue.												
<<Min: 286.22 - 288.31 15% Min: Sphalerite>>												
<<Min: 286.22 - 288.31 35% Min: Pyrite>>												
<<Min: 286.22 - 288.31 5% Min: Galena>>												
288.41	290.04	MAFi Mafic Intrusions (primarily footwall mafic intrusion) green		288.41	289.08	0.67	D00005658	1.52	287	1.03	4.49	2.7
288.41 - 290.04: CA rich, few laminated sulfide at contacts.												
290.04	291.70	OA Laminar or heavilly disseminated magnetite bearing massive sulphide	FMG	289.08	290.04	0.96	D00005659	0.903	168	0.37	2.23	0.53
290.04 - 291.7: Weakly laminate, locally fractured. Including mafic, calcareous interval 25 cm wide containing possibly cordierite crystals aggregated, replaced calcite.												
<<Min: 290.04 - 291.7 5% Min: Sphalerite>>												
<<Min: 290.04 - 291.7 80% Min: Pyrite>>												
<<Min: 290.04 - 291.7 5% Min: Magnetite>>												
<<Min: 290.04 - 291.7 3% Min: Galena>>												
				290.04	291.00	0.96	D00005661	1.4	308	0.14	6	11.5
				291.00	291.70	0.70	D00005662	3.59	268	0.69	4.6	6.9

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
291.70	292.20	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	291.70	292.20	0.50	D00005663	1.48	468	0.26	8.41	10.8
291.7 - 292.2: CA in matrix.											
292.20	295.09	MAFi Mafic Intrusions (primarily footwall mafic intrusion)	292.20	293.00	0.80	D00005664	0.464	81.4	0.14	1.09	0.5
292.2 - 295.09: Bleached mafic sill, CA rich/CL.											
<<Struc: 292.2 - 293 Moderate Fault>> Fault gouge at lower massive sulfide lower contact, mafic sill gouge, bleached, no calcite washed.											
293.00	294.00		293.00	294.00	1.00	D00005665	0.114	21.2	0.04	0.25	0.08
294.00	295.09		294.00	295.09	1.09	D00005666	0.117	24.5	0.08	0.31	0.1
295.09	296.16		295.09	296.16	1.07	D00005667	8.97	476	0.88	1.57	3.48
295.09	296.16	OI Heavily disseminated sulphides in host schist									
295.09 - 296.16: Associated with vuggy CA vein.											
<<Min: 295.09 - 296.16 1% Min: Sphalerite>>											
<<Min: 295.09 - 296.16 10% Min: Pyrite>>											
<<Min: 295.09 - 296.16 0.5% Min: Galena>>											
<<Min: 295.09 - 296.16 0.5% Min: Chalcopyrite>>											
296.16	303.76	MAFi Mafic Intrusions (primarily footwall mafic intrusion)	296.16	297.00	0.84	D00005668	13.43	866	2.01	0.19	0.62
296.16 - 303.76: Calcareous, CL, bleached mafic sill.											
297.00	298.02		297.00	298.02	1.02	D00005669	0.018	3.5	-0.01	0.05	0.06
298.02	298.97		298.02	298.97	0.95	D00005671	0.023	3.2	-0.01	0.05	0.06
298.97	300.00		298.97	300.00	1.03	D00005672	0.044	3.9	0.01	0.04	0.07
300.00	301.00		300.00	301.00	1.00	D00005673	0.082	11.8	0.03	0.14	0.07
301.00	302.00		301.00	302.00	1.00	D00005674	0.099	11.2	0.05	0.16	0.08
302.00	303.00		302.00	303.00	1.00	D00005675	0.054	8.8	0.03	0.13	0.09
303.00	303.76		303.00	303.76	0.76	D00005676	0.109	19.5	0.06	0.22	0.13
303.76	304.72	MAFi Mafic Intrusions (primarily footwall mafic intrusion)	303.76	304.72	0.96	D00005677	0.276	47	0.22	0.74	0.17
303.76 - 304.72: Gougy mafic sill, calcareous.											
<<Alt: 303.76 - 313.52 Trace Calcite>> Fault zone/shear zone.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Struc: 303.76 - 304.72 Moderate Fault>> Faulted mafic sill at upper contact with massive sulfide, damaged zone.											
304.72	305.60	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	304.72	305.60	0.88	D00005678	1.35	320	0.72	6.65	7.33
304.72 - 305.6: CA in matrix. Could be large clasts in fault zone, displaced (FLZ at lower contact, gouge at upper contact).											
<<Min: 304.72 - 305.6 10% Min: Sphalerite>>											
<<Min: 304.72 - 305.6 50% Min: Pyrite>>											
<<Min: 304.72 - 305.6 1% Min: Magnetite>>											
<<Min: 304.72 - 305.6 5% Min: Galena>>											
<<Min: 304.72 - 305.6 1% Min: Chalcopyrite>>											
305.60	309.00	FLZ Fault Zone green	305.60	306.60	1.00	D00005679	0.342	56	0.06	0.9	0.08
305.6 - 309: Locally fault breccia (angular clasts, calcareous) consisting in gougy mafic material, sheared at lower contacts along the core axis.											
<<Struc: 305.6 - 309 Strong Fault>> and sheared. Faulted along the core axis. Clay gouge and fault breccia, angular clasts/calcareous.											
309.00	313.52	MAFi Mafic Intrusions (primarily footwall mafic intrusion) green	306.60	308.00	1.40	D00005681	0.129	14.5	0.04	0.24	0.06
309 - 313.52: Faulted along the core axis.											
<<Vein: 311.7 - 312.5 Calcite>> CA vein along the core axis in sheared zone, healed fault (?).											
<<Struc: 311.65 - 313.52 Moderate-Strong Shear>> Sheared along the core axis, calcite veins, healed fault zone (?).											
313.52	323.29	MAFi Mafic Intrusions (primarily footwall mafic intrusion) green	313.52	321.00	1.00	D00005683	0.111	39.6	0.03	0.49	0.06
313.52 - 323.29: Ca rich/CL, beached mafic sill, banded, foliated.											
<<Alt: 313.52 - 329.61 Moderate-Strong Calcite>>											
<<Vein: 314.7 - 314.9 Quartz>> QZ in mafic sill, proximity of shear zone.											
<<Struc: 313.52 - 318.4 Weak Fault>> Damage zone, narrow fault gouge interval, minor.											
323.29	323.61	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite	322.00	323.11	1.11	D00005684	0.214	53.2	0.07	0.68	0.06
323.29 - 323.61: Containing remobilized GL/CP associated with CA gangue.											
323.11											
323.11 323.61 0.50 D00005685 0.279 135 0.67 1.43 8.35											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 323.29 - 323.61 15% Min: Sphalerite>> <<Min: 323.29 - 323.61 40% Min: Pyrite>> <<Min: 323.29 - 323.61 2% Min: Pyrrhotite>> <<Min: 323.29 - 323.61 3% Min: Galena>> Remobilized. <<Min: 323.29 - 323.61 2% Min: Chalcopyrite>> Remobilized.											
323.61	329.61	MAFi Mafic Intrusions (primarily footwall mafic intrusion) green	323.61	324.50	0.89	D00005686	0.084	16.6	0.02	0.25	0.06
323.61 - 329.61: Ca rich/CL, beached mafic sill, banded, foliated.											
<<Min: 323.61 - 329.61 0.5% Min: Sphalerite>> Associated with calcite rich bands <<Min: 323.61 - 329.61 1% Min: Pyrite>> <<Min: 329.6 - 366 2% Min: Pyrite>> <<Min: 329.6 - 366 0.5% Min: Pyrrhotite>>			324.50	326.00	1.50	D00005687	0.095	39.1	0.05	0.77	0.04
			326.00	327.00	1.00	D00005688	0.091	61.2	0.04	1.4	0.05
			327.00	328.11	1.11	D00005689	0.091	34	0.08	0.67	0.08
			328.11	329.61	1.50	D00005691	0.096	76.9	0.48	1.61	1.55
329.61	329.80	OB Wispy laminar, fine buckshot textured, massive sulphide with lesser magnetite grey-brown FMG	329.61	330.29	0.68	D00005692	0.026	37.9	0.75	0.29	0.86
329.61 - 329.8: Dark grey brown sulphide, pyrite dominates with lesser chalcopyrite. Calcite and silica gangue.											
<<Min: 329.61 - 329.8 2% Min: Sphalerite>> <<Min: 329.61 - 329.8 65% Min: Pyrite>> <<Min: 329.61 - 329.8 10% Min: Pyrrhotite>> <<Min: 329.61 - 329.8 8% Min: Chalcopyrite>> <<Alt: 329.61 - 329.8 Moderate Calcite>>											
329.80	366.00	RHYv Rhyolite volcanoclastic light grey FG									
329.8 - 366: Light-grey to white rhyolitic volcanoclastic rock contains up to 5% pyrite/pyrrhotite and patches of tourmaline. Cut by numerous small faults. Banding is defined by pyrite/pyrrhotite											
<<Min: 329.8 - 334.5 0.5% Min: Sphalerite>> <<Alt: 329.8 - 334.5 Moderate Tourmaline>> <<Alt: 329.8 - 334.5 Weak-Moderate Muscovite>> <<Alt: 329.8 - 366 Weak Calcite>> <<Alt: 334.5 - 366 Weak-Moderate Tourmaline>> Sometimes associated with veins <<Alt: 334.5 - 366 Weak Muscovite>> <<Vein: 350.05 - 350.07 100% Quartz-Carbonate 5 deg. >> <<Vein: 357.45 - 357.46 100% Quartz 15 deg. >>											

GeoSpark Logger ~ Drill Log

Project:

KZK

Hole Number:

K16-417

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Struc: 332.4 - 332.65 Weak-Moderate Fault>> Predominantly composed of gouge <<Struc: 335.63 - 335.73 Weak-Moderate Fault>> Predominantly composed of gouge <<Struc: 346.1 - 346.21 Weak-Moderate Fault>> Predominantly composed of gouge <<Struc: 356.23 - 356.32 Weak-Moderate Fault>> Predominantly composed of gouge <<Struc: 358.13 - 358.13 Moderate dominant foliation>> Dominant foliation deveoped along micaceous parting planes End of Hole @ 366											