

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-372

Prospect:	Sebesi	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Rob Duncan
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	6/27/2016
UTM Easting	415122.459	Core Size:	HQ3	Azimuth:	240.1	Date Logging Complete:	7/4/2016
UTM Northing:	6814798.081	Casing Pulled?:	Yes	Dip:	-60.1	Drill Company:	New Age
UTM Elev. (m):	1390.765	Casing Depth (m):	18	Length (m):	597	Drill Rig:	Zinex A5
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	6/21/2016
Local Northing:		Cemented?:	Yes	Core Storage Loc.:	KZK Camp	Drill Completed:	7/2/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Exploration
Comments:						Parent Hole:	

K16-372 is designed to test a package of KZK Formation stratigraphy located on the south - east side of the Sunda and Fault Creek Fault. K16-372 is collared in the vicinity of the "Core Rack" VTEM anomaly.

K16-372 successfully drilled volcano-sedimentary stratigraphy of the KZK Formation and is thought to have returned feldspar augen diorite of the North Lakes Formation @ 582.84m to 597m E.O.H.

K16.372 collared in felsic rocks immediately followed by the MAFi footwall sill to 39.26m. At this location it is only approximately 25m thick and was not host to any mineralization; however, very weak BI destructive alteration was observed. A sequence of muscovite altered and py-po bearing RHYv/vl/vx are encountered to approximately 225m depth and broadly correlate to similar altered and pyritic rocks encountered in the footwall of Krakatoa.

Chlorite altered and po mineralized RHYva is encountered in short intervals from approximately 260 - 280m and may represent significant distal alteration horizons to economic mineralization.

Various volcanoclastic units (RHYv, vx, vl) continue with minor pelitic sediments (PEL) and mafic dykes (MAFi) to 416.7m where mudstones are encountered (MDS, MDSc, CHT) and are thought to correlate with the "Lower Sedimentary Sequence" of the KZK formation as depicted on property maps and on GP4F drill sections.

Disseminated to wispy stringer style po, cp mineralization is encountered within a chert encountered at 423.17 - 425m depth and wispy stringer py-po-cp-sp-gl mineralization in chlorite altered RHYvl is encountered above @ 412.40 - 412.57m. These occurrences at, or near, a significant time horizon may be important vectors for more extensive mineralization elsewhere at or near this horizon.

A mixed package of RHYvl and PEL with felsic dyke intrusions, coded as RHYi with "FELSIC DYKE" in the comments field, begins @ 523.7m with an increasing component of PEL to 582.84m down hole where a feldspar augen Bippo diorite is encountered and may correlate with deformed intrusive rocks of the North Lakes Formation. Alternatively, it could be a diorite intrusion deep within the KZK formation.

Summary conversations with the geophysicists indicate that the downhole EM survey picks up some early time results that correlates well with the pyritic volcanoclastic rocks at the top of the hole, but no significant off hole conductors were encountered here or elsewhere down the hole.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-60.1	238.7	1.4	240.1	TN14	Rob Duncan	6/21/2016		<input checked="" type="checkbox"/>	Rig aligned to true north (measured azimuth). Grid convergence of 1.4 deg applied to correct to UTM azimuth.
30	-60.9	218.1	22.1	240.2	ReflexEZS	New Age	6/22/2016	5747	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
57	-61.4	215.9	22.1	238	ReflexEZS	New Age	6/22/2016	5713	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.

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Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
72	-61.6	187.2	22.1	209.3	ReflexEZS	New Age	6/22/2016	4113	<input type="checkbox"/>	Very low magnetic field reading Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
96	-62.7	213.5	22.1	235.6	ReflexEZS	New Age	6/22/2016	5735	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
123	-63.6	212.1	22.1	234.2	ReflexEZS	New Age	6/23/2016	5732	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
150	-63.9	211.4	22.1	233.5	ReflexEZS	New Age	6/23/2016	5746	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
172	-64.2	213.1	22.1	235.2	ReflexEZS	New Age	6/23/2016	5738	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
201	-64.6	215.9	22.1	238	ReflexEZS	New Age	6/24/2016	5722	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
234	-65.1	210	22.1	232.1	ReflexEZS	New Age	6/24/2016	5605	<input checked="" type="checkbox"/>	Somewhat lower than surrounding measurements Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
264	-65.3	210.6	22.1	232.7	ReflexEZS	New Age	6/24/2016	5741	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
289	-65.1	208.5	22.1	230.6	ReflexEZS	New Age	6/24/2016	5748	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
306	-64.9	203.7	22.1	225.8	ReflexEZS	New Age	6/25/2016	5755	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
357	-65.4	202.6	22.1	224.7	ReflexEZS	New Age	6/26/2016	5728	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
381	-64.2	200.4	22.1	222.5	ReflexEZS	New Age	6/26/2016	5745	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
408	-63.6	198	22.1	220.1	ReflexEZS	New Age	6/27/2016	5731	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
432	-63.4	197.2	22.1	219.3	ReflexEZS	New Age	6/27/2016	5727	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
455	-62.7	195.3	22.1	217.4	ReflexEZS	New Age	6/27/2016	5731	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
480	-61.6	193.1	22.1	215.2	ReflexEZS	New Age	6/28/2016	5750	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
507	-61.2	342.2	22.1	4.3	ReflexEZS	New Age	6/29/2016	2078	<input type="checkbox"/>	Very low magnetic field reading Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
510	-60.4	188.3	22.1	210.4	ReflexEZS	New Age	6/29/2016	5750	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
543	-59.4	184.8	22.1	206.9	ReflexEZS	New Age	7/1/2016	5747	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
570	-57.9	184.7	22.1	206.8	ReflexEZS	New Age	7/1/2016	5738	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.
597	-56.1	184.7	22.1	206.8	ReflexEZS	New Age	7/1/2016	5737	<input checked="" type="checkbox"/>	Measured azimuth relative to magnetic north. Grid declination of 22.1 deg applied to correct to UTM azimuth.

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	21.00	OVBN Overburden									
21.00	22.54	RHYvl Lapilli tuff									
<p>21 - 22.54: moderate MU alteration and weak CA alteration, in contact with ABM footwall MAFi just below. Therefore collared at or close to ABM horizon and drilling Foot wall stratigraphy.</p> <p><<Min: 21 - 23.54 0.5% Min: Pyrrhotite>> <<Alt: 21 - 22.54 Weak-Moderate Muscovite>> <<Alt: 21 - 22.54 Weak Calcite>> <<Struc: 21 - 23 dominant foliation>></p>											
22.54	39.26	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
<p>22.54 - 39.26: bleached margin over 50cm. sections where BI is destroyed/absent and chlorite colour is paler. This could be weak alteration</p> <p><<Min: 23.54 - 39.26 0.01% Min: Pyrite>> associated with PO aggregates <<Min: 23.54 - 39.26 0.5% Min: Pyrrhotite>> sparse 1mm dis and 5mm aggregates <<Alt: 23.5 - 39.26 Moderate-Strong Calcite>> <<Alt: 34 - 36 Trace Chlorite>> absence of BI, possible alteration? <<Alt: 36.65 - 36.95 Weak-Moderate Chlorite>> certain alteration. 3 2 - 4cm bands of texture destructive CL alteration <<Alt: 38 - 39 Trace Chlorite>> absence of BI, possible alteration? <<Struc: 33 - 36 dominant foliation>></p>											
39.26	67.00	RHYv Rhyolite volcanoclastic									
<p>39.26 - 67: very similar to Rhyv encountered beneath Mafi at Krakatoa. Foliation controlled MU alteration with domains of BI - Cl preserved. Sections could be called BCQlpl</p> <p><<Min: 39.26 - 53.5 1% Min: Pyrite>> and band and dis <<Min: 39.26 - 53.5 0.5% Min: Pyrrhotite>> and dis <<Min: 53.75 - 56 0.01% Min: Sphalerite>> possible with py in bands <<Min: 53.75 - 56 7% Min: Pyrite>> also in deformed silica bands with PO</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 53.75 - 56 4% Min: Pyrrhotite>> with py and dis in groundmass where fine grained BI is preserved <<Min: 56 - 61 1% Min: Pyrite>> and BL <<Min: 56 - 61 0.5% Min: Pyrrhotite>> and FD <<Min: 65.7 - 67 3% Min: Pyrite>> bands and dis <<Min: 65.7 - 67 1% Min: Pyrrhotite>> and BL <<Alt: 39.26 - 41 Moderate Muscovite>> <<Alt: 39.26 - 41 Weak Calcite>> CA is present in preserved BI domains. The stronger the MU alteration the weaker the CA <<Alt: 41 - 47.5 Weak-Moderate Muscovite>> <<Alt: 41 - 47.5 Weak-Moderate Calcite>> <<Alt: 47.5 - 50 Moderate Muscovite>> <<Alt: 47.5 - 50 Weak Calcite>> <<Alt: 50 - 63 Weak-Moderate Muscovite>> <<Alt: 50 - 63 Moderate Calcite>> <<Alt: 63 - 67 Weak-Moderate Calcite>> <<Vein: 53.55 - 53.62 100% Quartz 70 deg. >> massive quartz vein crossin foliation <<Struc: 42 - 43.7 Weak-Moderate Fault>> fault broken core, 4cm of gouge crosses foliation CA 20 <<Struc: 59.5 - 60 dominant foliation>> <<Struc: 64 - 67 dominant foliation>></p> <p>67.00 73.00 RHYvx Quartz and/or feldspar crystal tuff</p> <p>67 - 73: coarse lapilli tuff with concentrated lapilli towardscentre of unit. Rare clear QE <1% and 6% cloudy clear silica. Rare ghosts of broken feldspar(?) x-tals around 70m</p> <p><<Min: 67 - 73 0.5% Min: Pyrite>> with PO <<Min: 67 - 73 3% Min: Pyrrhotite>> bands, deformed, stringers <<Alt: 67 - 73 Weak Muscovite>> <<Alt: 72 - 76 Weak-Moderate Calcite>> <<Vein: 68.04 - 68.23 100% Quartz 60 deg. >> as above <<Struc: 67 - 73 dominant foliation>> <<Struc: 68.04 - 68.23 Vein>></p> <p>73.00 76.35 RHYvi Lapilli tuff</p> <p>73 - 76.35: sparse possible lapilli</p> <p><<Min: 75.9 - 76.35 30% Min: Pyrrhotite>> forming bands</p>											
			75.85	76.35	0.50	B00291974	-0.005	4.8	-0.01	0.11	0.07

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 73 - 76.35 Weak Muscovite>></p> <p>76.35 79.15 RHYcf Feldspar & feldspar quartz porphyry</p> <p>76.35 - 79.15: 3-5%3-5mm feldspar crystals.</p> <p><<Min: 76.35 - 79.15 2% Min: Pyrite>> patchy bands</p> <p><<Min: 76.35 - 79.15 3% Min: Pyrrhotite>> dis and patchy bands</p> <p><<Alt: 76.35 - 79.15 Moderate Muscovite>></p> <p><<Struc: 78 - 79.5 dominant foliation>></p> <p>79.15 80.37 RHYv Rhyolite volcanoclastic</p> <p><<Min: 79.15 - 80.37 3% Min: Pyrite>> in foliaform bands</p> <p><<Alt: 79.15 - 80.37 Weak-Moderate Calcite>></p> <p><<Alt: 79.15 - 82.8 Weak-Moderate Muscovite>></p> <p>80.37 107.50 RHYcf Feldspar & feldspar quartz porphyry</p> <p>80.37 - 107.5: thick unit with some internal variability. Cw texture seen @ 86m. Short sections very siliceous and could be called RHYif @ 95.7 - 96.0m; transitions into RHYvx at lower contact possibly from 104.5 - 107.5m</p> <p><<Min: 80.47 - 94 5% Min: Pyrite>> in foliaform bands</p> <p><<Min: 94 - 107.5 3% Min: Pyrite>> in foliaform bands</p> <p><<Min: 100 - 102 1% Min: Pyrrhotite>> occurs with PY in foliaform bands</p> <p><<Alt: 80.37 - 90 Weak Calcite>> calcite veinlets and with PY bands</p> <p><<Alt: 82.8 - 85.5 Weak Muscovite>></p> <p><<Alt: 85.5 - 90 Moderate Muscovite>></p> <p><<Alt: 91.5 - 94.3 Weak Muscovite>></p> <p><<Alt: 93 - 94.5 Weak Calcite>> as above</p> <p><<Alt: 94.3 - 95 Weak-Moderate Muscovite>></p> <p><<Alt: 97 - 100 Weak Calcite>> as above</p> <p><<Alt: 97.2 - 99.1 Weak Muscovite>></p> <p><<Alt: 101 - 107.5 Weak Calcite>> as above</p> <p><<Struc: 87 - 90 dominant foliation>></p> <p><<Struc: 100 - 106 dominant foliation>></p>											
			76.35	77.10	0.75	B00291975	-0.005	1.8	-0.01	0.02	0.01

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
107.50	110.72	RHYvx Quartz and/or feldspar crystal tuff									
<p>107.5 - 110.72: sparse 1% milky white QE not CA</p> <p><<Min: 107.5 - 111.58 1% Min: Pyrite>></p> <p><<Min: 107.5 - 111.58 1% Min: Pyrrhotite>></p> <p><<Alt: 107.5 - 111.58 Weak Muscovite>></p> <p><<Alt: 107.5 - 111.58 Weak-Moderate Calcite>></p> <p><<Vein: 108.83 - 109.1 70% Quartz-Albite 70 deg. >> collection of 4 2 - 5cm wide QZ veins and calcite veins</p> <p><<Struc: 107.5 - 111 dominant foliation>></p>											
110.72	111.58	RHYvl Lapilli tuff									
111.58	112.07	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
<p>111.58 - 112.07: stg calcareous, FG, FG BI - CA</p> <p><<Min: 111.58 - 112.07 2% Min: Pyrrhotite>> very fine grained</p> <p><<Alt: 111.58 - 112.07 Strong Calcite>></p>											
112.07	118.36	RHYvl Lapilli tuff									
<p><<Min: 112.07 - 118.36 1% Min: Pyrite>> patchy foliaform bands</p> <p><<Min: 115 - 116 0.5% Min: Pyrrhotite>></p> <p><<Alt: 112.07 - 118.36 Weak Muscovite>></p> <p><<Alt: 112.07 - 118.36 Weak-Moderate Calcite>></p> <p><<Struc: 113 - 117 dominant foliation>></p>											
118.36	126.95	RHYcf Feldspar & feldspar quartz porphyry									
<p>118.36 - 126.95: variable and patchy feldspar content 1 - 4% 2-4mm white. @ 124.8- 125.5 looks more like RHYi(f)</p> <p><<Min: 118.5 - 122 2% Min: Pyrite>></p> <p><<Min: 122 - 123 4% Min: Pyrite>></p> <p><<Min: 123.6 - 131.57 3% Min: Pyrite>> dis in foliaform bands with silica and CB</p> <p><<Min: 125 - 126.95 2% Min: Pyrite>></p> <p><<Min: 125 - 126.95 0.5% Min: Pyrrhotite>></p> <p><<Alt: 118.36 - 126.95 Weak Calcite>></p> <p><<Vein: 121.4 - 121.8 100% Quartz 30 deg. >> grey white quartz vein</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
126.95	128.60	MAFi Mafic Intrusions (primarily footwall mafic intrusion) 126.95 - 128.6: 10cm chill bleach margins both contacts. BI rich but vfg compared to PEL. Very clacareous, massive texture <<Alt: 126.95 - 128.6 Strong Calcite>>									
128.60	131.57	RHYvx Quartz and/or feldspar crystal tuff 128.6 - 131.57: 3-4mm milky white QE 1-3% distributed in bands. lower contact no QE <<Min: 128.6 - 131.57 3% Min: Pyrite>> <<Alt: 128.6 - 131.57 Weak Muscovite>> <<Alt: 128.6 - 131.57 Weak-Moderate Calcite>> <<Struc: 129 - 131 dominant foliation>>									
131.57	132.02	RHYi Aphanitic Rhyolite (intrusion) 131.57 - 132.02: pink hue <<Min: 131.57 - 132.02 1% Min: Pyrite>>									
132.02	133.52	RHYv Rhyolite volcanoclastic 132.02 - 133.52: indications of lapilli <<Min: 132.02 - 133.52 0.5% Min: Pyrrhotite>> <<Alt: 132.02 - 133.52 Weak Calcite>>									
133.52	137.20	RHYi Aphanitic Rhyolite (intrusion) 133.52 - 137.2: minor RHYvx fine graine @ 136.3 - 136.5 <<Min: 136.5 - 137.2 5% Min: Pyrite>> foliaform masses, crude bands <<Vein: 133.82 - 134.29 100% Quartz 70 deg. >> <<Vein: 134.8 - 135.26 100% Quartz 55 deg. >>									
137.20	140.80	RHYvx Quartz and/or feldspar crystal tuff 137.2 - 140.8: lapilli QE 2-3% 1-3mm blue clear. <<Min: 137.2 - 138 3% Min: Pyrite>> as above <<Min: 138 - 142.4 1% Min: Pyrite>> as above <<Alt: 137.2 - 147.53 Weak-Moderate Muscovite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 137.2 - 147.53 Weak-Moderate Calcite>> <<Struc: 139 - 141 dominant foliation>></p> <p>140.80 147.53 RHYvl Lapilli tuff</p> <p>140.8 - 147.53: gradually lose QE to define upper contact. Otherwise same rock unit as above</p> <p><<Min: 142.4 - 147.53 3% Min: Pyrite>> asabove <<Min: 142.8 - 147.53 0.5% Min: Pyrrhotite>> rarely with py <<Vein: 145.63 - 145.79 100% Quartz 60 deg. >> grey white qz vein</p> <p>147.53 148.92 PEL Equigranular biotite + calcite +/- quartz rock FG</p> <p>147.53 - 148.92: crude banding, fine grained, gradational margins, no chill = sediment</p> <p><<Min: 147.53 - 148.92 3% Min: Pyrrhotite>> <<Alt: 147.53 - 148.92 Strong Calcite>></p> <p>148.92 163.60 RHYv Rhyolite volcanoclastic</p> <p>148.92 - 163.6: rare short intervals of possible lapilli.</p> <p><<Min: 148.92 - 153 0.5% Min: Pyrite>> <<Min: 148.92 - 153 1% Min: Pyrrhotite>> <<Min: 155.7 - 163.6 2% Min: Pyrrhotite>> <<Min: 161 - 162 1% Min: Pyrite>> <<Alt: 148.92 - 151.6 Weak-Moderate Muscovite>> <<Alt: 148.92 - 154 Weak Calcite>> <<Alt: 151.6 - 158 Moderate Muscovite>> <<Alt: 154 - 155.7 Moderate Silicification>> <<Alt: 154 - 155.7 Moderate-Strong Calcite>> <<Alt: 154 - 155.7 Weak-Moderate Biotite>> <<Alt: 155.7 - 163.6 Weak-Moderate Calcite>> <<Alt: 158 - 163.6 Weak-Moderate Muscovite>> <<Vein: 154.13 - 154.29 100% Quartz 65 deg. >> grey white qz <<Struc: 155 - 156 dominant foliation>></p> <p>163.60 166.99 MAFi Mafic Intrusions (primarily footwall mafic intrusion)</p> <p>163.6 - 166.99: possible leucoxine as well</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 163.6 - 169.99 3% Min: Pyrrhotite>> <<Alt: 163.6 - 169.99 Moderate-Strong Calcite>> and bands <<Struc: 163.6 - 167 dominant foliation>></p> <p>166.99 175.35 RHYvl Lapilli tuff 166.99 - 175.35: strange cw texture @173.2 - 174m</p> <p><<Min: 169.99 - 175.35 2% Min: Pyrrhotite>> and bl bands <<Alt: 169.99 - 173 Weak Muscovite>> <<Alt: 169.99 - 175.35 Weak-Moderate Calcite>> <<Alt: 173 - 175.35 Weak-Moderate Muscovite>> <<Struc: 174 - 174.1 Weak-Moderate Fault>> gouge</p> <p>175.35 176.92 MAFi Mafic Intrusions (primarily footwall mafic intrusion) 175.35 - 176.92: sparse Fe carbonate ppo. chill margiins</p> <p><<Min: 175.35 - 176.92 3% Min: Pyrrhotite>> vfg <<Alt: 175.35 - 176.92 Moderate-Strong Calcite>> and bands</p> <p>176.92 184.04 RHYvl Lapilli tuff <<Min: 176.92 - 184.04 1% Min: Pyrite>> and bl foliaformbands with CA <<Min: 176.92 - 184.04 1% Min: Pyrrhotite>> and bl <<Alt: 176.92 - 183 Weak Calcite>> <<Alt: 176.92 - 184.04 Weak-Moderate Muscovite>> <<Alt: 183 - 184.04 Weak-Moderate Calcite>> <<Struc: 182 - 184 dominant foliation>></p> <p>184.04 188.44 MAFi Mafic Intrusions (primarily footwall mafic intrusion) <<Min: 184.04 - 188.44 2% Min: Pyrrhotite>> fg <<Alt: 184.04 - 188.44 Moderate-Strong Calcite>> and bands</p> <p>188.44 196.71 RHYvl Lapilli tuff 188.44 - 196.71: 192.77 - 195.5 finer grained, highly contorted ash band? higher degree of alteration?</p> <p><<Min: 188.44 - 191.5 1% Min: Pyrite>> <<Min: 188.44 - 191.5 0.5% Min: Pyrrhotite>> <<Min: 191.5 - 195.5 3% Min: Pyrite>> dis andfoliaform bands</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 195.5 - 196.71 1% Min: Pyrite>> <<Alt: 188.44 - 192.77 Weak Calcite>> <<Alt: 188.44 - 196.2 Moderate Muscovite>> <<Alt: 192.77 - 195.5 Moderate-Strong Calcite>> <<Alt: 195.5 - 196.71 Weak-Moderate Calcite>> <<Vein: 195.05 - 195.1 100% Quartz 70 deg. >> grey quartz creamcarbonate vein</p> <p>196.71 198.77 MAFi Mafic Intrusions (primarily footwall mafic intrusion)</p> <p>196.71 - 198.77: prominent chill margin over 50cm with bleaching and CB-QZ vein development</p> <p><<Min: 196.71 - 202.78 2% Min: Pyrrhotite>> <<Alt: 196.71 - 202.78 Moderate Calcite>> <<Vein: 196.71 - 197.31 45% Calcium carbonate/Carbonate 60 deg. >> carbonate quartz veining foliaform with altered mafic</p> <p>198.77 199.00 RHYvl Lapilli tuff</p> <p>198.77 - 199: looks likeRHYvl but bleaching of mafic may suggest a felsic dyke?</p> <p>199.00 202.78 MAFi Mafic Intrusions (primarily footwall mafic intrusion)</p> <p>199 - 202.78: welldeveloped chill margins</p> <p><<Min: 201.9 - 201.93 20% Min: Pyrite>> <<Vein: 201.7 - 201.93 100% Quartz 50 deg. >> quartz carbonateveinwith py selvage massive nod <<Struc: 200.5 - 201 dominant foliation>></p> <p>202.78 203.69 RHYc Rhyolite coherent volcanics</p> <p>202.78 - 203.69: again, could be felsic dyke intruding mafi</p> <p><<Min: 202.78 - 203.69 1% Min: Pyrite>> <<Alt: 202.78 - 203.69 Weak Muscovite>> <<Vein: 203.55 - 203.64 100% Quartz 80 deg. >> qzcb</p> <p>203.69 204.51 MAFi Mafic Intrusions (primarily footwall mafic intrusion)</p> <p>203.69 - 204.51: chill margins</p> <p><<Min: 203.69 - 204.51 1% Min: Pyrrhotite>> <<Alt: 203.69 - 204.51 Strong Calcite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
204.51	213.37	RHYvl Lapilli tuff 204.51 - 213.37: variable between Rhyv and vl. 10cmsections of possible vaor fine gained pale brown sediment for example 211.05 - 211.17m <<Min: 204.51 - 213.37 2% Min: Pyrite>> dis and in foliaform deformed bands <<Min: 207.25 - 211.2 1% Min: Pyrrhotite>> associated with possible sed bands <<Alt: 204.51 - 213.37 Weak-Moderate Calcite>> <<Alt: 207.25 - 211 Weak-Moderate Muscovite>> <<Struc: 206.9 - 207.3 Moderate-Strong Fault>> healed rubble gouge									
213.37	214.30	MAFi Mafic Intrusions (primarily footwall mafic intrusion) 213.37 - 214.3: chill margin on upper cnt <<Min: 213.37 - 218.7 2% Min: Pyrrhotite>> <<Alt: 213.37 - 218.7 Strong Calcite>>									
214.30	214.46	RHYc Rhyolite coherant volcanics 214.3 - 214.46: Felsic dyke? <<Struc: 214.3 - 216 dominant foliation>>									
214.46	218.70	MAFi Mafic Intrusions (primarily footwall mafic intrusion) 214.46 - 218.7: chill margins <<Min: 215.5 - 216 1% Min: Pyrite>> <<Min: 215.7 - 215.9 5% Min: Pyrrhotite>> <<Vein: 215.7 - 215.9 70% Quartz 0 deg. >> qz vein re-mobilized po onselvage from mafi									
218.70	234.60	RHYvl Lapilli tuff 218.7 - 234.6: possible feldspar crystals225 - 226.50 (vx). Short 10cmintervals of Bippo and fine BI suggesting dirty ash tuff to PEL sediment @ 222.5 - 222.6 and 230.17 - 230.6 <<Min: 218.7 - 234.6 3% Min: Pyrite>> and dis and in foliformdeformed bands <<Min: 223.45 - 223.65 2% Min: Pyrrhotite>> <<Min: 230.17 - 232.2 2% Min: Pyrrhotite>> <<Alt: 218.7 - 234.6 Weak Muscovite>> <<Alt: 225 - 234.6 Weak Calcite>> <<Struc: 224.5 - 225 Weak-Moderate Fault>> lost core rubble over last 10cm									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %									
<<Struc: 230 - 231.2 Weak-Moderate Fault>> 3 discreet 5-10cm FLT's, CA35, CA 85 234.60 235.73 MAFi Mafic Intrusions (primarily footwall mafic intrusion) 234.6 - 235.73: BI chill margins <<Min: 234.6 - 235.73 1% Min: Pyrrhotite>> <<Alt: 234.6 - 235.73 Strong Calcite>> and cb bands <<Struc: 235.69 - 237 dominant foliation>> 235.73 240.90 RHYv Rhyolite volcanoclastic 235.73 - 240.9: short sections with lapilli also. several quartz veins with carbonate alteration zones obscuring protolith <<Min: 235.73 - 240.91 2% Min: Pyrite>> <<Min: 237 - 238.32 1% Min: Sphalerite>> and bleb with vein and wispy foliaform bands <<Min: 237.6 - 240.91 1% Min: Pyrrhotite>> and vein <<Alt: 235.73 - 240.91 Moderate-Strong Calcite>> from veins and dis <<Vein: 237 - 237.3 100% Quartz 60 deg. >> qz cb vein <<Vein: 237.55 - 237.65 100% Quartz 80 deg. >> qz cb po vein 240.90 242.05 MAFi Mafic Intrusions (primarily footwall mafic intrusion) <<Min: 240.91 - 242.05 1% Min: Pyrrhotite>> <<Alt: 240.91 - 242.05 Moderate-Strong Calcite>> 242.05 243.50 PEL Equigranular biotite + calcite +/- quartz rock 242.05 - 243.5: fine grained pelitic sediment with beer bottle brown BI mixed with RHYva, first 20cm is RHYvl <<Min: 242.45 - 242.65 1% Min: Sphalerite>> <<Min: 242.8 - 243.5 1% Min: Pyrrhotite>> <<Alt: 242.05 - 243.5 Weak-Moderate Calcite>> 243.50 246.65 RHYvl Lapilli tuff <<Min: 244 - 246 1% Min: Pyrrhotite>> <<Min: 244.5 - 245.5 1% Min: Sphalerite>> <<Min: 245.5 - 246 1% Min: Pyrite>> <<Alt: 243.5 - 246.65 Weak-Moderate Calcite>> <<Struc: 244 - 245 dominant foliation>>												237.00	238.50	1.50	B00291976	-0.005	1.4	0.01	0.02	0.59

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
246.65	267.00	RHYva Coarse grained to ash tuff 246.65 - 267: fine grained patchey Bippo. From 259.5 - 267 several QZ veins and CL alteration andFLT. After this zone, coarser gr, possiblle lapilli = RHYv - vl <<Min: 250.5 - 258 0.5% Min: Pyrrhotite>> <<Min: 262.2 - 262.8 2% Min: Pyrrhotite>> <<Min: 264.3 - 266.5 1% Min: Pyrrhotite>> <<Min: 266.3 - 266.5 1% Min: Pyrite>> <<Alt: 246.65 - 248.5 Moderate Calcite>> perhapsstart of VA is PEL <<Alt: 259.6 - 261.25 Weak Chlorite>> perhaps vein and fault related,possible OR <<Alt: 261.25 - 262.1 Moderate Chlorite>> as above <<Alt: 261.25 - 262.8 Weak-Moderate Biotite>> as above <<Alt: 262.1 - 262.8 Strong Chlorite>> as above <<Alt: 264 - 266.5 Moderate Chlorite>> as above <<Vein: 256 - 266.5 10% Quartz 80 deg. >> 7, 5 - 10cm widequartz cb veinswith bleaching around and cl bi ateration <<Struc: 258 - 258.8 dominant foliation>> <<Struc: 262.8 - 264.1 Moderate Fault>> broken rubble gouge, missing core <<Struc: 266.7 - 267 Weak-Moderate Fault>> broken rubble gouge, missing core									
267.00	277.18	RHYv Rhyolite volcaniclastic 267 - 277.18: variable short sections with lapilli. sparse QE from 273 - 274 Bippo 274 - 275.5 <<Min: 275.7 - 276 1% Min: Pyrite>> foliaform band <<Min: 275.7 - 276 0.5% Min: Pyrrhotite>> as above <<Min: 277.1 - 277.18 1% Min: Pyrrhotite>> <<Alt: 269.8 - 272.4 Weak-Moderate Muscovite>> fault related <<Alt: 274.1 - 277 Weak-Moderate Muscovite>> <<Alt: 274.5 - 276.1 Weak-Moderate Calcite>> <<Vein: 277 - 277.5 100% Quartz 80 deg. >> qz cb vein <<Struc: 269.8 - 271.7 Moderate Fault>> broken core, gouge, DFOL changes from 80 to 10 to 80									
277.18	280.86	RHYva Coarse grained to ash tuff 277.18 - 280.86: Same as RHYva above including CL and QV's COULD THIS AND RHYva ABOVE CORRESPOND TO CL ALTERED RHYva AT FAULT CREEK ZONE AND HOLE TO SOUTH OF FCZ									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 278.1 - 280.7 2% Min: Pyrrhotite>> <<Alt: 277.18 - 280.86 Moderate-Strong Chlorite>> could be OP fault related. However, bleaching around QV's so perhaps OR <<Alt: 278.7 - 279 Weak-Moderate Biotite>> Bippo <<Vein: 277.4 - 278.2 60% Quartz 60 deg. >> qz cb veins</p> <p>280.86 284.18 RHYv Rhyolite volcanoclastic</p> <p>280.86 - 284.18: quite coarse, almost a vl. Lower contact is gradational with appearance of QE blue</p> <p><<Min: 283 - 283.5 1% Min: Pyrrhotite>> <<Alt: 280.86 - 284.18 Weak-Moderate Muscovite>> <<Alt: 280.86 - 284.18 Weak Chlorite>> patchy bands <<Vein: 283.5 - 283.6 100% Calcium carbonate/Carbonate 70 deg. >> qz cb vein <<Struc: 282 - 282.33 Weak-Moderate Fault>> gouge healed</p> <p>284.18 300.51 RHYvx Quartz and/or feldspar crystal tuff</p> <p>284.18 - 300.51: unifrom lapilli texture as well, structural? stg patchy CL BI alteration developed without QV or FLT sggsting OR. These zones and in RHYva become important for MIN vectors. 1%, 2 - 3mm blue - clear quartz crystals. sparse but present throughout. lower contact Bippo over 50cm</p> <p><<Min: 287.5 - 296.5 0.5% Min: Pyrite>> bands with CL <<Min: 287.5 - 296.5 2% Min: Pyrrhotite>> bands with CL alt <<Min: 297 - 297.2 1% Min: Pyrite>> bands <<Min: 297 - 297.2 5% Min: Pyrrhotite>> bands <<Min: 297 - 297.2 2% Min: Magnetite>> bands <<Min: 299 - 300 1% Min: Pyrite>> foliaform blebs with silica <<Alt: 284.18 - 290.7 Weak-Moderate Chlorite>> numerous 1cm to 5cm alteration bandswith BI +/- PO rare py. narrow cross cutting stringers? <<Alt: 284.18 - 290.7 Weak Biotite>> with cl <<Alt: 290 - 296.6 Weak-Moderate Muscovite>> <<Alt: 290.7 - 291.1 Strong Chlorite>> semi massive band, only sparse sx stopping from being OJ? <<Alt: 290.7 - 291.1 Moderate Biotite>> <<Alt: 291.1 - 294 Moderate Chlorite>> same as 284.18 - 290.7 <<Alt: 291.1 - 294 Weak Biotite>> with CL <<Alt: 296.2 - 296.5 Weak Chlorite>> <<Vein: 292.4 - 292.5 100% Quartz 70 deg. >> qz cb cl vein</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 290.3 - 291 dominant foliation>> <<Struc: 300 - 301.3 dominant foliation>> 300.51 302.34 MAFi Mafic Intrusions (primarily footwall mafic intrusion) 300.51 - 302.34: chill margins and Bippo of surrounding felsic units <<Min: 300.54 - 302.34 1% Min: Pyrrhotite>> and bleb near upper contact <<Alt: 300.51 - 302.34 Moderate-Strong Calcite>> and cb bands 302.34 307.79 RHYvx Quartz and/or feldspar crystal tuff 302.34 - 307.79: 4% 2-4mm blue qe in lapilli tuff. Bippo at upper contact for 30cm <<Min: 302.5 - 307.5 0.5% Min: Pyrite>> <<Min: 302.5 - 307.5 0.5% Min: Pyrrhotite>> <<Alt: 302.34 - 307.79 Weak-Moderate Calcite>> <<Struc: 305 - 309 dominant foliation>> 307.79 326.84 RHYva Coarse grained to ash tuff 307.79 - 326.84: fine grained ash variable Bippo throughout and patchy fine grained BI masses that looks like alteration, or sedimentary component. BI is missing 307.79 - 310.1m and 322.3m - 325.3m and rock is clearly RHYva and the same rocktype. <<Min: 311.2 - 311.5 1% Min: Pyrrhotite>> <<Min: 312.5 - 322.3 2% Min: Pyrrhotite>> wispy foliaform disseminations <<Min: 323 - 326.2 2% Min: Pyrrhotite>> as above <<Min: 326.2 - 326.84 0.5% Min: Pyrite>> <<Alt: 310.1 - 322.3 Moderate Biotite>> Bippo and patchy masses fine grained <<Alt: 311.2 - 311.3 Moderate Chlorite>> <<Alt: 320 - 321 Weak-Moderate Chlorite>> <<Alt: 324.5 - 326.84 Moderate Biotite>> as above <<Alt: 325.5 - 326.84 Weak-Moderate Muscovite>> <<Vein: 309.87 - 310.07 100% Quartz 60 deg. >> qz cb vein <<Vein: 310.52 - 310.84 100% Quartz 70 deg. >> qz cb vein <<Vein: 313.5 - 313.6 100% Quartz 70 deg. >> qz cb vein <<Vein: 313.8 - 313.95 100% Quartz 60 deg. >> qz cb vein <<Vein: 325.33 - 325.48 100% Quartz 80 deg. >> qz cb vein</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 317 - 322 dominant foliation>></p> <p>326.84 328.49 RHYvl Lapilli tuff</p> <p>326.84 - 328.49: silicic bands</p> <p><<Min: 326.84 - 328 0.1% Min: Pyrite>></p> <p><<Alt: 326.84 - 328.49 Weak Muscovite>></p> <p>328.49 345.00 RHYv Rhyolite volcanoclastic</p> <p>328.49 - 345: Increasing Bippo towards lower contact with PEL ash; BI increasing in ground mass as well. Patchy Cbppo. short 50cm sections of RHYva grading in and out of coarser RHYv and very rare lapilli.</p> <p><<Min: 328.49 - 330.5 0.1% Min: Pyrrhotite>></p> <p><<Min: 330.5 - 334.5 0.1% Min: Pyrite>></p> <p><<Min: 338 - 345 0.1% Min: Pyrite>></p> <p><<Min: 338 - 345 0.1% Min: Pyrrhotite>></p> <p><<Min: 339.36 - 339.45 2% Min: Galena>></p> <p><<Alt: 328.49 - 345 Weak Muscovite>> patches of mu where groundmass bi decreases? and forms more Bippo, trace py</p> <p><<Alt: 328.49 - 345 Weak Biotite>> alteration? but see above</p> <p><<Vein: 328.92 - 329.27 75% Quartz 65 deg. >> qz cb cl vein</p> <p><<Vein: 331.85 - 331.96 100% Quartz 65 deg. >> qz cb cl bi vein</p> <p><<Vein: 332.21 - 332.28 100% Quartz 70 deg. >> qz cb cl vein</p> <p><<Vein: 332.75 - 333.6 90% Quartz 45 deg. >> qz cb cl vein</p> <p><<Vein: 338.27 - 339 85% Quartz 60 deg. >> qz cb tml vein</p> <p><<Vein: 339.36 - 339.45 100% Quartz 80 deg. >> qz vein</p> <p><<Struc: 338 - 339 dominant foliation>></p> <p>345.00 349.56 PEL Equigranular biotite + calcite +/- quartz rock</p> <p>345 - 349.56: mottled banding of mu - bi - cl with BI mm bands as selvage to deformed silica bands.</p> <p><<Min: 345 - 349.56 0.1% Min: Pyrite>></p> <p><<Min: 345 - 349.56 1% Min: Pyrrhotite>></p> <p><<Alt: 345 - 349.56 Weak Muscovite>></p> <p><<Alt: 345 - 349.56 Weak-Moderate Biotite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
349.56	354.85	RHYv Rhyolite volcanoclastic									
<p>349.56 - 354.85: silicic bands and sil from RHYi below. Gradational contact with Rhyva for 30cm and increasing lpl and silicic bands</p> <p><<Min: 349.56 - 352.5 2% Min: Pyrite>> <<Min: 352.5 - 354.85 0.5% Min: Pyrite>> <<Alt: 349.56 - 354.85 Weak-Moderate Silicification>> <<Alt: 349.56 - 354.85 Trace Calcite>> in veins <<Vein: 349.8 - 354.8 20% Quartz 80 deg. >> qz cb veins each 7 - 15cm wide,</p>											
354.85	367.77	RHYi Aphanitic Rhyolite (intrusion)									
<p>354.85 - 367.77: pink hue, deformed qz cb sweats</p> <p><<Min: 357 - 367 0.5% Min: Pyrrhotite>> <<Min: 357 - 367.77 1% Min: Pyrite>> and DIS <<Alt: 354.85 - 367.77 Weak-Moderate Calcite>> in CB sweats agr <<Vein: 362.24 - 362.26 100% Quartz 80 deg. >> qz cb vein <<Vein: 363.4 - 364.9 30% Quartz 80 deg. >> qz cb vein <<Struc: 358 - 362 dominant foliation>></p>											
367.77	371.02	RHYva Coarse grained to ash tuff									
<p>367.77 - 371.02: silicic bands</p> <p><<Alt: 367.77 - 371.02 Weak-Moderate Silicification>> <<Alt: 367.77 - 371.02 Weak-Moderate Calcite>> <<Struc: 371 - 477 Weak dominant foliation>></p>											
371.02	375.74	RHYv Rhyolite volcanoclastic									
<p>371.02 - 375.74: Bippo, BI in groundmass and short sections of likely RHYva. Two patches of 4-6 CL alt with PO @ 373.15 - 373.30 and 375.30 Possible proximal stringer alt??</p> <p><<Min: 373.15 - 373.3 4% Min: Pyrrhotite>> <<Min: 373.3 - 375.3 1% Min: Pyrrhotite>> <<Min: 375.3 - 375.4 4% Min: Pyrrhotite>> <<Min: 375.4 - 375.74 0.5% Min: Pyrrhotite>> <<Alt: 371.02 - 375.74 Weak-Moderate Calcite>> <<Alt: 372.3 - 375.74 Moderate Biotite>> <<Alt: 373.15 - 373.3 Moderate Chlorite>> <<Alt: 375.3 - 375.4 Strong Chlorite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Struc: 375 - 378 dominant foliation>></p> <p>375.74 389.75 SED undifferentiated Sediment</p> <p>375.74 - 389.75: Dark grey black mottled FMG rock with clear quartz domains like lpl in felsic or silicic bands. Patchy Bippo and BI in groundmass plus short sections of Cbppo. Possible TML in groundmass as well (supports sedimentary origin).</p> <p>Amount of silica may indicate early silicification event, now highly deformed?</p> <p><<Min: 376.1 - 389.75 1% Min: Pyrrhotite>></p> <p><<Alt: 376 - 378.3 Moderate Silicification>> possible SI or just comp of rock</p> <p><<Alt: 378.3 - 378.8 Weak Muscovite>></p> <p><<Alt: 379.9 - 380 Moderate Ankerite>> Cbppo</p> <p><<Alt: 382.5 - 384 Moderate Tourmaline>> from vein</p> <p><<Alt: 389 - 389.75 Moderate Calcite>></p> <p><<Vein: 375.74 - 376.1 100% Quartz 60 deg. >> qz cb vein</p> <p><<Vein: 381.45 - 381.6 100% Quartz 80 deg. >> qz cb vein</p> <p>389.75 390.18 MAFi Mafic Intrusions (primarily footwall mafic intrusion)</p> <p>389.75 - 390.18: could be a MAft in the sed package</p> <p><<Min: 389.75 - 390.18 0.5% Min: Pyrrhotite>></p> <p><<Alt: 389.75 - 390.18 Moderate-Strong Calcite>></p> <p>390.18 399.11 SED undifferentiated Sediment</p> <p>390.18 - 399.11: Dark grey black mottled FMG rock with clear quartz domains like lpl in felsic or silicic bands. Patchy Bippo and BI in groundmass plus short sections of Cbppo. Possible TML in groundmass as well (supports sedimentary origin).</p> <p>Amount of silica may indicate early silicification event, now highly deformed?</p> <p><<Min: 391.5 - 397.75 0.5% Min: Pyrrhotite>></p> <p><<Min: 398 - 398.5 0.5% Min: Pyrite>></p> <p><<Alt: 390.18 - 390.7 Weak-Moderate Muscovite>> bleaching from MAFi contact?</p> <p><<Alt: 391 - 399.11 Moderate Calcite>> bi domains</p> <p><<Alt: 394.9 - 395.7 Moderate Tourmaline>> from tml hairline vein bleaches host</p> <p><<Struc: 397 - 399 dominant foliation>></p> <p>399.11 403.08 RHYvl Lapilli tuff</p> <p>399.11 - 403.08: gradational upper contact over 50cm of ash. Rare patchy Bippo</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Min: 399.11 - 402 0.5% Min: Pyrrhotite>></p> <p>403.08 403.96 MAFt Mafic Volcaniclastics</p> <p>403.08 - 403.96: no chill margins but mafic</p> <p><<Min: 403.08 - 403.96 1% Min: Pyrrhotite>></p> <p><<Alt: 403.08 - 403.96 Moderate Calcite>></p> <p>403.96 416.70 RHYvl Lapilli tuff</p> <p>403.96 - 416.7: cleaner, no Bippo, no PEL input</p> <p><<Min: 405 - 410 0.5% Min: Pyrrhotite>></p> <p><<Min: 412.4 - 412.57 1% Min: Sphalerite>> could be vein related or significant replacement related with CL alt. 2cm qz cb veinlet MFOL NOD</p> <p><<Min: 412.4 - 412.57 1% Min: Pyrite>></p> <p><<Min: 412.4 - 412.57 2% Min: Pyrrhotite>></p> <p><<Min: 412.4 - 412.57 0.5% Min: Galena>></p> <p><<Min: 412.4 - 412.57 0.5% Min: Chalcopyrite>></p> <p><<Min: 416 - 417 1% Min: Pyrrhotite>></p> <p><<Alt: 403.96 - 416.7 Trace Muscovite>></p> <p><<Alt: 411 - 414 Weak Calcite>> with veins</p> <p><<Alt: 412.4 - 412.57 Moderate-Strong Chlorite>> could be vein related or significant replacement style alt.</p> <p><<Vein: 411.4 - 411.5 100% Quartz 75 deg. >> qz cb</p> <p><<Vein: 414.02 - 414.17 100% Quartz 80 deg. >> qz cb cl vein</p> <p><<Vein: 414.52 - 414.54 100% Quartz 80 deg. >> qz cb vein close to CL alt with po/py/sp/cp/gl MIN</p> <p><<Struc: 411 - 414 dominant foliation>></p> <p>416.70 417.00 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</p> <p>416.7 - 417: Tuffaceous sediment, on set of the Lower sedimentary sequence?</p> <p>417.00 417.78 RHYva Coarse grained to ash tuff</p> <p>417 - 417.78: Top contact is also silicic bands or lpl over 30cm.</p> <p><<Min: 417 - 417.78 0.5% Min: Pyrrhotite>></p> <p><<Alt: 417 - 417.78 Trace Muscovite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
417.78	423.17	MDSc Carbonaceous dominant mudstone									
417.78 - 423.17: Tuffaceous sediment, on set of the Lower sedimentary sequence?											
<<Min: 417.78 - 418.38 2% Min: Pyrrhotite>>											
<<Min: 418.38 - 418.52 1% Min: Pyrite>>											
<<Min: 418.38 - 418.52 2% Min: Pyrrhotite>>											
<<Min: 418.52 - 420.5 1% Min: Pyrrhotite>>											
<<Alt: 418.38 - 418.52 Moderate Chlorite>> could be significant alteration horizon											
<<Alt: 419 - 431 Weak-Moderate Calcite>> in cb portions of mudstone, late veinlets and swears											
<<Struc: 422.5 - 423 Moderate Fault>> rubble, mds gouge											
423.17	425.00	CHT Chert	423.17	424.00	0.83	B00291977	0.146	18.3	0.7	0.04	0.23
423.17 - 425: Also Tuffaceous. Significant asit contains up to 2% po/cp/py											
<<Min: 423.17 - 423.67 0.5% Min: Pyrite>>											
<<Min: 423.17 - 423.67 2% Min: Pyrrhotite>>											
<<Min: 423.67 - 423.77 4% Min: Pyrrhotite>>											
<<Min: 423.67 - 423.77 3% Min: Chalcopyrite>>											
<<Min: 423.77 - 425 0.5% Min: Pyrite>>											
<<Min: 423.77 - 425 1% Min: Pyrrhotite>>											
425.00	425.54	RHYva Coarse grained to ash tuff									
425 - 425.54: MDs component to this ash tuff											
<<Min: 425 - 425.54 0.5% Min: Pyrite>>											
<<Min: 425 - 425.54 1% Min: Pyrrhotite>>											
<<Struc: 425 - 426 dominant foliation>>											
425.54	431.06	MDSc Carbonaceous dominant mudstone									
425.54 - 431.06: finegrained silica teardrop cm scale lenes, possible minor CHT component											
<<Min: 426.2 - 429.8 1% Min: Pyrite>>											
<<Min: 426.2 - 429.8 1% Min: Pyrrhotite>>											
<<Struc: 430.7 - 431.3 Moderate Fault>> rubble , gouge missing core											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
431.06	445.05	RHYv Rhyolite volcanoclastic									
<p>431.06 - 445.05: with very minor MDS component at top contact. Contact is sharp. short section of RHYva 436.3- 436.5 and 438.5 - 339. Section beneath this is very silicious, silicified?</p> <p><<Min: 444.1 - 444.4 0.5% Min: Pyrite>> <<Min: 444.1 - 444.4 0.5% Min: Pyrrhotite>> <<Alt: 431.06 - 436 Weak-Moderate Muscovite>> <<Alt: 436 - 445.05 Weak-Moderate Silicification>> <<Alt: 437.5 - 438 Moderate Calcite>> perhaps a very short MAFt <<Alt: 439 - 440.5 Weak Biotite>> fg brown in patches in groundmass, alteration? <<Alt: 445 - 447 Weak-Moderate Calcite>> <<Vein: 442.9 - 443 100% Quartz 60 deg. >> qz cb vein <<Struc: 440 - 441 dominant foliation>> <<Struc: 442.7 - 443.5 Weak Fault>> broken core</p>											
445.05	453.97	MDSc Carbonaceous dominant mudstone									
<p>445.05 - 453.97: Mudstone of the Lower Sequence with some tuffaceous RHY input, possible silica bands cherty over 10cm intervals</p> <p><<Min: 445.05 - 447 0.1% Min: Pyrite>> <<Min: 445.05 - 447 0.5% Min: Pyrrhotite>> <<Min: 449 - 450.3 0.5% Min: Pyrite>> <<Min: 449 - 450.3 0.5% Min: Pyrrhotite>> <<Min: 450.7 - 452.5 1% Min: Pyrite>> <<Min: 450.7 - 452.5 0.5% Min: Pyrrhotite>> <<Alt: 452 - 454.97 Moderate Calcite>> and PAT <<Vein: 450.37 - 450.7 100% Quartz 60 deg. >> qz cb cl vein <<Struc: 448.2 - 448.3 Weak-Moderate Fault>> narrow rubble gouge, real brittle fit <<Struc: 449.2 - 449.3 Weak-Moderate Fault>> same as above</p>											
453.97	454.83	RHYva Coarse grained to ash tuff									
<p>453.97 - 454.83: Light grey va with homogeneous MDS component in the middle</p> <p><<Alt: 454 - 454.7 Moderate Calcite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
454.83	457.72	MDSc Carbonaceous dominant mudstone									
<p>454.83 - 457.72: minor ashy intervals decreasing to lower contact</p> <p><<Min: 456 - 457.72 1% Min: Pyrite>></p> <p><<Min: 456 - 457.72 1% Min: Pyrrhotite>></p> <p><<Alt: 455.3 - 456 Moderate Calcite>> and PAT</p> <p><<Struc: 455 - 456 dominant foliation>></p>											
457.72	459.00	MDSt Rhyolite tuff dominant mudstone									
<p>457.72 - 459: Fine ash with mudstone in matrix</p> <p><<Min: 457.72 - 459 0.1% Min: Pyrrhotite>></p>											
459.00	463.99	MDSc Carbonaceous dominant mudstone									
<p>459 - 463.99: patchy interval of calcareous MDS 463 onwards</p> <p><<Min: 459 - 467.93 1% Min: Pyrrhotite>> and DIS</p> <p><<Alt: 463 - 466 Weak-Moderate Calcite>></p> <p><<Struc: 463.5 - 467.5 dominant foliation>></p>											
463.99	464.50	RHYv Rhyolite volcaniclastic									
<p>463.99 - 464.5: rough grading? fining down hole, lower contact is gradational over a meter</p>											
464.50	467.93	MDSc Carbonaceous dominant mudstone									
<p>464.5 - 467.93: higher homogeneous ash component. Rock starting to look massive. Could define it as MDSt</p>											
467.93	478.38	RHYv Rhyolite volcaniclastic									
<p>467.93 - 478.38: lapilli silicic bands 468.4 - 469.5</p> <p><<Min: 467.93 - 470.62 1% Min: Pyrrhotite>></p> <p><<Min: 470.62 - 474.3 1% Min: Pyrrhotite>></p> <p><<Alt: 470.5 - 475.7 Weak-Moderate Biotite>> fg in groundmass and patches</p> <p><<Alt: 475.7 - 478.38 Weak-Moderate Muscovite>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
478.38	478.89	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
478.38 - 478.89: No chill margins but sharp contacts.											
<<Min: 478.38 - 478.89 1% Min: Pyrrhotite>> and foliaform band											
<<Alt: 478.38 - 478.89 Moderate-Strong Calcite>> and PAT											
478.89	482.20	RHYvi Lapilli tuff									
478.89 - 482.2: lapilli concentrated at upper contact											
<<Struc: 482 - 485 dominant foliation>>											
482.20	482.42	MAFi Mafic Intrusions (primarily footwall mafic intrusion)									
482.2 - 482.42: could be a MAFt											
<<Min: 482.2 - 482.42 1% Min: Pyrrhotite>>											
<<Alt: 482.2 - 482.42 Moderate-Strong Calcite>> and PAT											
482.42	483.86	RHYvi Lapilli tuff									
<<Min: 483 - 483.86 0.1% Min: Pyrrhotite>>											
483.86	484.61	PEL Equigranular biotite + calcite +/- quartz rock									
483.86 - 484.61: biotite metapelite.											
<<Min: 483.86 - 484.61 3% Min: Pyrrhotite>>											
<<Alt: 483.86 - 484.61 Strong Calcite>>											
484.61	487.10	RHYv Rhyolite volcanoclastic									
484.61 - 487.1: sparse lpl. gradational contact with increasing sed input below											
<<Min: 484.61 - 487.1 1% Min: Pyrrhotite>>											
<<Alt: 485 - 489 Weak-Moderate Calcite>>											
487.10	489.00	RHYvi Lapilli tuff									
487.1 - 489: also Bippo, PEL component increases down hole											
<<Min: 487.9 - 488.5 1% Min: Pyrite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
489.00	494.80	PEL Equigranular biotite + calcite +/- quartz rock									
<p>489 - 494.8: Heterogeneous unit, BI rich portions with narrow intervals with felsic lapilli, 498.24 - 489.42 = Felsic Dyke, also CL-CB- mafic tuff like interval 493.40 - 493.5</p> <p><<Min: 489.8 - 494.8 1% Min: Pyrrhotite>> <<Alt: 489.5 - 494.8 Moderate Calcite>> <<Struc: 493 - 494 dominant foliation>></p>											
494.80	498.82	RHYvl Lapilli tuff									
<p>494.8 - 498.82: same as 487.1 - 489.0m</p> <p><<Min: 494.8 - 496.2 1% Min: Pyrite>> <<Min: 494.8 - 496.2 0.5% Min: Pyrrhotite>> <<Alt: 496.2 - 498.82 Weak Muscovite>> <<Alt: 496.2 - 498.82 Weak Chlorite>> <<Alt: 496.2 - 498.82 Weak Biotite>> light brown</p>											
498.82	504.24	RHYvx Quartz and/or feldspar crystal tuff									
<p>498.82 - 504.24: Light grey fine lapilli with 4% 2-3mm clear pale blue QZ crystals.</p> <p><<Min: 502.8 - 503 3% Min: Pyrite>> <<Alt: 498.82 - 502.8 Weak Muscovite>> <<Alt: 498.82 - 504.24 Trace Calcite>> <<Vein: 501.95 - 502.05 100% Quartz 70 deg. >> qz cb vein <<Vein: 502.87 - 503.12 100% Quartz 55 deg. >> qz cb vein <<Struc: 503.15 - 504 dominant foliation>></p>											
504.24	510.10	RHYvl Lapilli tuff									
<p>504.24 - 510.1: quite granular middle grey, but ooks similar in texture to VX above</p> <p><<Min: 505.95 - 506.1 2% Min: Pyrite>> <<Min: 507 - 508 0.1% Min: Pyrite>> <<Alt: 507 - 509 Weak Muscovite>></p>											
510.10	512.20	MDSc Carbonaceous dominant mudstone									
<p>510.1 - 512.2: 511.06 - 511.25 buff RHYva</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Min: 510.7 - 510.8 3% Min: Pyrite>> in ashy layers <<Alt: 511.7 - 512.1 Moderate Calcite>> <<Vein: 511.4 - 511.65 100% Quartz 50 deg. >> qz cb vein <<Struc: 510.1 - 510.1 Contact>> <<Struc: 511.8 - 512.1 Weak-Moderate Fault>> gouge 512.20 513.00 RHYva Coarse grained to ash tuff buff <<Struc: 512.4 - 513.4 Weak Fault>> zone of broken core, minor gouge 513.00 517.22 RHYvx Quartz and/or feldspar crystal tuff 513 - 517.22: dark grey, 2% 1mm blue quartz crystals <<Min: 516 - 532 0.1% Min: Pyrrhotite>> 517.22 517.45 RHYi Aphanitic Rhyolite (intrusion) 517.22 - 517.45: FELSIC DYKE 517.45 522.22 RHYvx Quartz and/or feldspar crystal tuff 517.45 - 522.22: same as 513 - 517.22 522.22 523.70 RHYi Aphanitic Rhyolite (intrusion) 522.22 - 523.7: FELSIC DYKE 523.70 525.75 RHYv Rhyolite volcanoclastic 523.7 - 525.75: handful of sparse QZ crystals 1-2mm <<Min: 524.5 - 525.5 0.1% Min: Pyrite>> <<Alt: 524 - 525 Weak Muscovite>> <<Struc: 524.25 - 525 dominant foliation>> 525.75 525.90 PEL Equigranular biotite + calcite +/- quartz rock <<Alt: 525.75 - 526.26 Moderate Calcite>> 525.90 526.08 RHYi Aphanitic Rhyolite (intrusion) 525.9 - 526.08: FELSIC DYKE											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
526.08	526.42	PEL Equigranular biotite + calcite +/- quartz rock									
526.42	527.43	RHYvl Lapilli tuff									
527.43	527.60	RHYi Aphanitic Rhyolite (intrusion)									
527.43 - 527.6: FELSIC DYKE											
527.60	528.12	RHYvl Lapilli tuff									
528.12	528.32	RHYi Aphanitic Rhyolite (intrusion)									
528.12 - 528.32: FELSIC DYKE											
528.32	529.90	RHYvl Lapilli tuff									
529.90	530.03	RHYi Aphanitic Rhyolite (intrusion)									
529.9 - 530.03: FELSIC DYKE											
530.03	531.09	RHYvl Lapilli tuff									
531.09	531.26	RHYi Aphanitic Rhyolite (intrusion)									
531.09 - 531.26: FELSIC DYKE											
531.26	532.11	RHYvl Lapilli tuff									
532.11	532.20	PEL Equigranular biotite + calcite +/- quartz rock									
<<Alt: 532.11 - 532.78 Weak-Moderate Calcite>>											
532.20	532.32	RHYi Aphanitic Rhyolite (intrusion)									
532.2 - 532.32: FELSIC DYKE											
532.32	532.78	PEL Equigranular biotite + calcite +/- quartz rock									
<<Min: 532.32 - 532.78 0.5% Min: Pyrrhotite>>											
532.78	535.65	RHYvl Lapilli tuff									
<<Min: 533 - 534 0.1% Min: Pyrite>>											
<<Struc: 535 - 537 dominant foliation>>											
535.65	536.04	PEL Equigranular biotite + calcite +/- quartz rock									
<<Min: 535.65 - 536.05 0.5% Min: Pyrrhotite>>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 535.65 - 538.42 Weak-Moderate Calcite>> 0 in Felsic dykes</p> <p>536.04 536.28 RHYi Aphanitic Rhyolite (intrusion) 536.04 - 536.28: FELSIC DYKE</p> <p>536.28 536.91 PEL Equigranular biotite + calcite +/- quartz rock 536.28 - 536.91: intervalcontainstwo narrow RHYi felsic dykes</p> <p>536.91 537.22 RHYi Aphanitic Rhyolite (intrusion) 536.91 - 537.22: FELSIC DYKE</p> <p>537.22 537.90 PEL Equigranular biotite + calcite +/- quartz rock 537.22 - 537.9: Cbppo</p> <p>537.90 538.37 RHYi Aphanitic Rhyolite (intrusion) 537.9 - 538.37: FELSIC DYKE</p> <p>538.37 538.46 PEL Equigranular biotite + calcite +/- quartz rock</p> <p>538.46 539.46 RHYvi Lapilli tuff <<Min: 538.46 - 539.46 0.1% Min: Pyrrhotite>></p> <p>539.46 539.60 RHYi Aphanitic Rhyolite (intrusion) 539.46 - 539.6: FELSIC DYKE</p> <p>539.60 540.07 PEL Equigranular biotite + calcite +/- quartz rock 539.6 - 540.07: biotite groundmass with cloudy white quartz lapilli 20%</p> <p>540.07 540.59 RHYi Aphanitic Rhyolite (intrusion) 540.07 - 540.59: FELSIC DYKE; 3 dykes with RHYvi Bippo between</p> <p>540.59 541.56 RHYvi Lapilli tuff <<Struc: 541 - 543 dominant foliation>></p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
541.56	541.78	RHYi Aphanitic Rhyolite (intrusion) 541.56 - 541.78: FELSIC DYKE									
541.78	543.69	RHYvi Lapilli tuff <<Min: 541.78 - 543.69 0.1% Min: Pyrrhotite>>									
543.69	544.26	PEL Equigranular biotite + calcite +/- quartz rock <<Alt: 543.69 - 544.26 Moderate Calcite>> and PAT <<Struc: 543.69 - 543.69 Contact>>									
544.26	544.51	RHYi Aphanitic Rhyolite (intrusion) 544.26 - 544.51: FELSIC DYKE <<Min: 544.26 - 544.51 3% Min: Galena>> agr in vein centre line <<Vein: 544.26 - 544.51 10% Quarzt-Biotite 15 deg. >> qz cb bi gl vein 2cm true thickness									
544.51	544.65	PEL Equigranular biotite + calcite +/- quartz rock 544.51 - 544.65: gradational intercalated contact with RHYvi Bippo below. Indicates PEL is a sediment and RHYvi Bippo is a tuffaceous volcanic and not a porphyry <<Min: 544.63 - 546.07 0.1% Min: Pyrrhotite>>									
544.65	546.07	RHYvi Lapilli tuff									
546.07	546.32	RHYi Aphanitic Rhyolite (intrusion) 546.07 - 546.32: FELSIC DYKE <<Alt: 546.07 - 548 Weak Calcite>>									
546.32	548.05	PEL Equigranular biotite + calcite +/- quartz rock <<Min: 546.32 - 548 0.1% Min: Pyrrhotite>>									
548.05	549.86	RHYvi Lapilli tuff 548.05 - 549.86: coarser grained BI, looks a little more intrusive in nature									
549.86	550.79	PEL Equigranular biotite + calcite +/- quartz rock 549.86 - 550.79: RHYv input									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<<Alt: 549.86 - 551 Weak Calcite>> <<Struc: 550 - 555 dominant foliation>> 550.79 551.54 RHYvl Lapilli tuff 550.79 - 551.54: Bipo in RHYvl, mixed unit <<Min: 551 - 554 0.1% Min: Pyrrhotite>> 551.54 551.66 RHYi Aphanitic Rhyolite (intrusion) 551.54 - 551.66: FELSIC DYKE 551.66 552.87 RHYvl Lapilli tuff 551.66 - 552.87: Bipo in RHYvl, mixed unit 552.87 553.04 RHYi Aphanitic Rhyolite (intrusion) 552.87 - 553.04: FELSIC DYKE 553.04 554.82 PEL Equigranular biotite + calcite +/- quartz rock 553.04 - 554.82: and BI-r 554.82 555.59 RHYi Aphanitic Rhyolite (intrusion) 554.82 - 555.59: FELSIC DYKE? <<Struc: 554.82 - 554.82 Contact>> 555.59 556.63 PEL Equigranular biotite + calcite +/- quartz rock 555.59 - 556.63: Felsic lapilli minor input and some ash 556.63 557.03 RHYvl Lapilli tuff 557.03 557.14 RHYi Aphanitic Rhyolite (intrusion) 557.03 - 557.14: FELSIC DYKE 557.14 562.00 RHYvl Lapilli tuff <<Alt: 557.98 - 558.32 Weak-Moderate Muscovite>> BI destructive <<Alt: 561.3 - 561.4 Weak-Moderate Muscovite>> BI destructive											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
562.00	562.21	RHYi Aphanitic Rhyolite (intrusion) 562 - 562.21: FELSIC DYKE									
562.21	563.82	RHYvl Lapilli tuff 562.21 - 563.82: and Bippo <<Min: 562.21 - 564.83 1% Min: Pyrrhotite>> <<Alt: 562.21 - 564.83 Weak Muscovite>>									
563.82	565.95	PEL Equigranular biotite + calcite +/- quartz rock <<Alt: 563.83 - 568.34 Moderate Calcite>> <<Struc: 565 - 568 dominant foliation>>									
565.95	566.07	RHYi Aphanitic Rhyolite (intrusion) 565.95 - 566.07: FELSIC DYKE									
566.07	566.58	PEL Equigranular biotite + calcite +/- quartz rock									
566.58	566.67	RHYif feldspar and quartz porphyry intrusions 566.58 - 566.67: FELSIC DYKE; feldspars 5%, 3mm									
566.67	568.34	PEL Equigranular biotite + calcite +/- quartz rock 566.67 - 568.34: and Cbppo									
568.34	568.49	RHYi Aphanitic Rhyolite (intrusion) 568.34 - 568.49: FELSIC DYKE									
568.49	569.85	PEL Equigranular biotite + calcite +/- quartz rock 568.49 - 569.85: bleach alteration front starting at 569.12 relate to fault and felsic dyke at 570.35 - 570.68m <<Alt: 568.49 - 576.63 Moderate-Strong Calcite>> <<Alt: 569.12 - 571.5 Weak-Moderate Muscovite>> BI destruction and bleach of PEL around fault and felsic dyke									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
569.85	570.07	RHYi Aphanitic Rhyolite (intrusion) 569.85 - 570.07: FELSIC DYKE									
570.07	570.58	PEL Equigranular biotite + calcite +/- quartz rock 570.07 - 570.58: bleached as above BI destruction <<Struc: 570.38 - 570.58 Moderate Fault>>									
570.58	570.68	RHYi Aphanitic Rhyolite (intrusion) 570.58 - 570.68: FELSIC DYKE									
570.68	576.63	PEL Equigranular biotite + calcite +/- quartz rock 570.68 - 576.63: bleached BI destructionzoneendsat 571.50m <<Vein: 573.9 - 574 100% Calcium carbonate/Carbonate 80 deg. >> cb qz vein <<Vein: 574.83 - 574.9 100% Calcium carbonate/Carbonate 80 deg. >> cb qz vein									
576.63	577.00	RHYi Aphanitic Rhyolite (intrusion) 576.63 - 577: FELSIC DYKE									
577.00	580.53	PEL Equigranular biotite + calcite +/- quartz rock <<Min: 577 - 582.84 0.5% Min: Pyrrhotite>> <<Alt: 579 - 582.84 Weak-Moderate Calcite>> <<Struc: 577.5 - 579 dominant foliation>>									
580.53	580.81	RHYvi Lapilli tuff 580.53 - 580.81: feldspar xtals at top contact 4%, 5mm									
580.81	582.84	PEL Equigranular biotite + calcite +/- quartz rock									
582.84	588.77	DIOf Feldspar augen diorite intrusion 582.84 - 588.77: Possible NLF unit? <<Vein: 583.78 - 583.88 100% Calcium carbonate/Carbonate 75 deg. >> cb vein									

GeoSpark Logger ~ Drill Log

Project:
KZK
Hole Number:
K16-372

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
588.77	588.87	RHYi Aphanitic Rhyolite (intrusion) 588.77 - 588.87: FELSIC DYKE									
588.87	597.00	DIOf Feldspar augen diorite intrusion 588.87 - 597: Possible NLF unit? <<Alt: 590.7 - 597 Weak Muscovite>> structurally controlled <<Vein: 593 - 593.3 10% Tourmaline 30 deg. >> tml veinlet low angle <<Struc: 589 - 594 dominant foliation>>									
End of Hole @ 597											