

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K96-171

Prospect:	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	Jerome de Pasquale
Grid: NAD83_Z9	Hole Diameter:	75.7	Survey By:	Challenger_Survey	Date Logging Start:	4/21/2016
UTM Easting: 410582.959	Core Size:	NQ	Azimuth:	180	Date Logging Complete:	4/22/2016
UTM Northing: 6810214.496	Casing Pulled?:		Dip:	-70	Drill Company:	
UTM Elev. (m): 1486.465	Casing Depth (m):	9	Length (m):	99.2	Drill Rig:	
Local Easting: 800	Stored?:	Yes	Claims Title	TAG 155	Drill Started:	6/14/1996
Local Northing: 125	Cemented?:		Core Storage Loc.:	KZK Camp	Drill Completed:	6/16/1996
Local Elev. (m): 1485			Hole Completed?:		Purpose:	Exploration
Comments:					Parent Hole:	

Fyre Lake formations.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-70	180		180	UNKN				<input checked="" type="checkbox"/>	

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
0.00	9.00	OVBN Overburden									
9.00	9.65	MAFw mafic volcanic flows									
9 - 9.65: BI/CL.											
<<Min: 9.1 - 20.57 0.1% Min: Pyrite>>											
<<Min: 9.1 - 20.57 0.5% Min: Pyrrhotite>>											
9.65	11.97	MDS Carbonaceous Mudstone & Tuffaceous Mudstone									
9.65 - 11.97: BI/SI/CL thinly bedded. Trace of oxidation. PO in foliation.											
11.97	16.96	MAFw mafic volcanic flows									
11.97 - 16.96: Patchy BI, patchy SI. Late CA veinlets set. CL rich. Could be hydrothermal alteration.											
<<Vein: 14.8 - 16.4 Calcite 30 deg. >> CA veinlet set.											
16.96	18.08	PEL Equigranular biotite + calcite +/- quartz rock									
16.96 - 18.08: BI/SI/CL schist. Few PO in foliation.											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 16.96 - 18.5 Moderate-Strong Silicification>> Logged as silicified but could be feldspar.</p> <p>18.08 19.25 MAFw mafic volcanic flows 18.08 - 19.25: CL/QZ/BI, banded. Lat CA veinlets set.</p> <p>19.25 20.57 PEL Equigranular biotite + calcite +/- quartz rock 19.25 - 20.57: BI rich. Few PO.</p> <p>20.57 22.12 MAFw mafic volcanic flows 20.57 - 22.12: SI banded and patchy. Weakly foliated. PO veinlets.</p> <p>22.12 23.60 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 22.12 - 23.6: Mafic tuff and mudstone interbedded. SI rich. Thinly foliation.</p> <p><<Min: 22.57 - 26.7 0.5% Min: Pyrite>> <<Min: 22.57 - 26.7 1% Min: Pyrrhotite>> <<Min: 22.67 - 26.7 0.1% Min: Sphalerite>></p> <p>23.60 24.60 MAFt Mafic Volcaniclastics 23.6 - 24.6: Foliated. CL/few BI, few SI.</p> <p>24.60 27.93 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 24.6 - 27.93: Mafic tuff and mudstone interbedded. SI rich. Thinly foliation.</p> <p><<Min: 26.7 - 35.42 2% Min: Pyrrhotite>> <<Min: 26.7 - 76.32 0.1% Min: Pyrite>></p> <p>27.93 28.79 MAFt Mafic Volcaniclastics 27.93 - 28.79: CL/BI.MU, granular SI.</p> <p>28.79 34.41 MDS Carbonaceous Mudstone & Tuffaceous Mudstone 28.79 - 34.41: Mafic tuff and mudstone interbedded. SI rich. Thinly foliation.</p> <p><<Alt: 28.79 - 38.73 Moderate Silicification>> and patchy.</p>											

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
34.41	35.42	MAFt Mafic Volcaniclastics 34.41 - 35.42: Fold nose, 50/50 CL/SI. Some MU.									
35.42	40.33	MAFt Mafic Volcaniclastics 35.42 - 40.33: 2 to 5 cm wide MDS interbeds. MU. <<Alt: 38.73 - 39.3 Strong Silicification>> <<Alt: 40.23 - 41.66 Intense Silicification>> Logged as chert. <<Vein: 40.23 - 40.7 Calcite 12 deg. >> CA veinlet set.									
40.33	41.66	CHT Chert 40.33 - 41.66: Possibly chert interbedded with MAFt.									
41.66	50.03	MAFw mafic volcanic flows 41.66 - 50.03: Fine grain SI (could be Fspar, few BI/MU. Weakly foliated.									
50.03	52.05	MAFw mafic volcanic flows 50.03 - 52.05: CL/MU. Folded. Few BI and granular SI (Fspar?).									
52.05	57.31	MAFw mafic volcanic flows 52.05 - 57.31: Few BI and MU. <<Min: 57.3 - 73.6 3% Min: Pyrrhotite>> <<Vein: 54.6 - 57 Calcite 40 deg. >> CA veinlet set.									
57.31	67.03	MDS Carbonaceous Mudstone & Tuffaceous Mudstone 57.31 - 67.03: Mafic tuff and mudstone interbedded. SI rich. Thinly foliation. <<Alt: 57.31 - 67.03 Moderate Silicification>> <<Struc: 63.7 - 72 Weak Fault>> Highly fractured.									
67.03	79.91	MAFw mafic volcanic flows 67.03 - 79.91: BI banded. CA veins, limonite/AK. Locally SI rich. Few MDS beds up to 10 cm wide. <<Min: 73.6 - 76.32 1% Min: Pyrrhotite>> <<Min: 76.32 - 86.8 0.1% Min: Sphalerite>> <<Min: 76.32 - 86.8 1% Min: Pyrite>> <<Min: 76.32 - 86.8 3% Min: Pyrrhotite>>									

From (m)	To (m)	Rocktype & Description	From (m)	To (m)	Width	Sample	Au ppm	Ag ppm	Cu %	Pb %	Zn %
<p><<Alt: 72.83 - 73.68 Moderate-Strong Silicification>></p> <p><<Alt: 75.9 - 89.9 Moderate Calcite>> Associated with fractures.</p> <p><<Alt: 79.9 - 86.4 Moderate Silicification>></p> <p><<Vein: 76.5 - 78.8 Calcite 30 deg. >> CA veinlet set, fracture, broken zone.</p> <p><<Struc: 76.32 - 79.89 Weak Fault>> Few gouge. Multiple fractures.</p> <p>79.91 85.72 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</p> <p>79.91 - 85.72: Mafic tuff and mudstone interbedded. SI rich. Thinly foliation. Folded locally, MU/QZ/CL bedding crenulated. Sulfide lamination associated with QZ. Maybe epidote in matrix.</p> <p>85.72 92.57 MAFw mafic volcanic flows</p> <p>85.72 - 92.57: BI, granular SI.</p> <p><<Min: 86.8 - 99.2 0.1% Min: Pyrite>></p> <p><<Min: 86.8 - 99.2 1% Min: Pyrrhotite>></p> <p>92.57 96.25 MDS Carbonaceous Mudstone & Tuffaceous Mudstone</p> <p>92.57 - 96.25: Patchy silicification. CL and MU bands locally. Sheared and faulted (20 cm gouge).</p> <p><<Alt: 92.95 - 97.3 Moderate-Strong Calcite>> In sheared zone.</p> <p><<Struc: 94.2 - 96.25 Moderate Shear>> See below.</p> <p><<Struc: 94.2 - 96.25 Moderate Fault>> 20 cm of gouge in a shear zone. Primary ductile deformation.</p> <p>96.25 99.20 MAFw mafic volcanic flows</p> <p>96.25 - 99.2: BI, granular SI.</p> <p>End of Hole @ 99.2</p>											