EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K16-387

Prospect:	Infrastructure	Hole Type:	DD	Survey Type:	RTK DGPS	Logged By:	David Nuttal
Grid:	NAD83_Z9	Hole Diameter:	96	Survey By:	Challenger_Survey	Date Logging Start:	7/14/2016
UTM Easting	414570.896	Core Size:	HQ3	Azimuth:	360	Date Logging Complete:	7/15/2016
UTM Northing:	6817990.94	Casing Pulled?:	Yes	Dip:	-90	Drill Company:	Hytech
UTM Elev. (m):	1411.718	Casing Depth (m):	4.3	Length (m):	34	Drill Rig:	Tech 5000
Local Easting:		Stored?:	Yes	Claims Title		Drill Started:	7/8/2016
Local Northing:		Cemented?:	THM	Core Storage Loc.:	KZK Camp	Drill Completed:	7/9/2016
Local Elev. (m):				Hole Completed?:	Completed	Purpose:	Geotech
						Parent Hole:	

Comments:

The purpose of hole K16-387 was for engineering infrastructure purposes, specifically pertaining to the Class A storage facility, south-extent. Knight Piesold conducted one SPT test in overburden and three packer tests in bedrock; a thermistor was installed. K16-387 did not intercept massive sulphide or strong alteration. The hole is composed of interbedded mudstone, fine-coarse grained mafic tuff and coarse grain mafic intrusive lithologies. Pyrite and pyrrhotite mineralization does not exceed 1%. Carbonate mineralization intensity is on average a 4 (moderate) from top to bottom of hole.

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-90	360	0	360	PLND-LiDAR	Knight Piésold	4/8/2016		☑	

From (m)	To (m)	Rocktype & Description
0.00	**4.30**	**OVBN** **Overburden**
4.30	**16.00**	**MDS** **Carbonaceous Mudstone & Tuffaceous Mudstone**
		<<Min: 4.3 - 26.38 0.1% Min: Pyrrhotite>>
		<<Min: 4.3 - 28.87 1% Min: Pyrite>>
		<<Alt: 4.3 - 13.6 Moderate-Strong Calcite>>
		<<Alt: 13.6 - 18.68 Weak Calcite>>
16.00	**20.10**	**MAFt** **Mafic Volcaniclastics**
		<<Alt: 16 - 18.68 Weak Chlorite>>
		<<Alt: 18.68 - 34 Moderate-Strong Calcite>>
		<<Vein: 16.3 - 20.1 50% Quartz 55 deg. >> clots of PO and PY sulphides.
20.10	**26.38**	**MDS** **Carbonaceous Mudstone & Tuffaceous Mudstone**
26.38	**27.40**	**MAFt** **Mafic Volcaniclastics**

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

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

<<Min: 26.38 - 27.4 1% Min: Pyrrhotite>>

<<Alt: 26.38 - 27.4 Weak Chlorite>>

27.40 28.87 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

<<Min: 27.4 - 34 0.1% Min: Pyrrhotite>>

28.87 34.00 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

28.87 - 34: E.O.H.

<<Min: 28.87 - 34 0.5% Min: Pyrite>>

<<Alt: 28.87 - 34 Moderate Chlorite>>

<<Struc: 32.68 - 32.83 Trace Fault>>

End of Hole @ 34