EQUITY | EXPLORATION CONSULTANTS LTD.

GeoSpark Logger ~ Drill Log

Project: KZK **Hole Number:** K98-195

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:	5/2/2016
UTM Easting	420541.531	Core Size:	NQ	Azimuth:	180	Date Logging Complete:	5/3/2016
UTM Northing:	6814410.754	Casing Pulled?:	No	Dip:	-60	Drill Company:	
UTM Elev. (m):	1347.7	Casing Depth (m):	9	Length (m):	200	Drill Rig:	
Local Easting:	10550	Stored?:	Yes	Claims Title		Drill Started:	
Local Northing:	4425	Cemented?:		Core Storage Loc.:	KZK Camp	Drill Completed:	
Local Elev. (m):	1347.7			Hole Completed?:		Purpose:	Exploration
						Parent Hole:	

Comments:

Collared to test UTEM/HLEM conductor with near, flanking MAG approximately 300 metres SE of K98-194. Carbonaceous units are present. The unit intercepted from 41.13 m to 44.27 m seems easy to identify (glassy/unfoliated/silty-muddy/sorted/ dark blue/high silica content) and could be a good geological marker (logged as SLT_crb).

Downhole Surveys:

Depth (m)	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Survey Type	Survey By	Survey Date	Mag Field	Accept Values?	Comments
0	-60	180		180	ACID				☑	
98	-64	180		180	ACID				☑	

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

0.00 9.10 OVBN Overburden

9.10 13.81 MAFt Mafic Volcaniclastics

9.1 - 13.81: Lithology obscured by oxidation. CA in foliation.

<<Min: 9.1 - 41.13 0.5% Min: Pyrrhotite>> in foliation.

<<Min: 9.1 - 97.48 0.1% Min: Pyrite>> very rare.

<<Alt: 9.1 - 15 Moderate-Strong Calcite>>

13.81 25.12 MAFw mafic volcanic flows

13.81 - 25.12: Or MAFt. Patch of BI. CA veining with sediments from 19.47 to 19.75. Lithology obscured by oxidation from 22.3 to 24.50.

<<Alt: 15 - 29.58 Moderate Calcite>>

<<Vein: 23.7 - 23.9 Quartz-Carbonate>> QZ/CA vein.

<<Struc: 22.3 - 23.3 Weak Fault>> Few fautl gouge and brokebn zone.

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

25.12 26.95 SED undifferentiated Sediment

25.12 - 26.95: Bedded, foliated. CA veining in foliation. Some coarse grain beds (siltstone to sandstone). Lithology locally obscured by foliation. Some mafic material interbedded.

26.95 29.57 MAFw mafic volcanic flows

26.95 - 29.57: BI/CA.CL. Irregular CA vening.

<<Vein: 29.45 - 29.6 Quartz-Carbonate>> QZ/CA vein.

29.57 31.06 SED undifferentiated Sediment

29.57 - 31.06: Heterogeneous. Brown sediment containing QZ/BI beds and few CL. (sandy silty locally).

<<Alt: 29.58 - 37.99 Strong Calcite>>

31.06 33.06 SED undifferentiated Sediment

31.06 - 33.06: CA veining I foliation.

33.06 34.62 MAFw mafic volcanic flows

33.06 - 34.62: CL altered. Mafic flow crosscut by CL/QZ vein. Probably mixed with mudstone material.

34.62 37.90 SED undifferentiated Sediment

34.62 - 37.9: BI rich schist. CA veining locally, possibly silicified patch.

37.90 38.94 MAFt Mafic Volcaniclastics

37.9 - 38.94: Low CA content.

<<Alt: 37.99 - 41.13 Moderate-Strong Calcite>>

38.94 41.13 SED undifferentiated Sediment

38.94 - 41.13: CA in foliation. Some strong siliceous bands.

41.13 44.27 SLT Siltstone - fine-grained sedimentary rock

41.13 - 44.27: Silicified mudstone and siltstone, glassy, dark blue, unfoliated.

<<Alt: 41.13 - 44.27 Intense Silicification>>

<<Vein: 43.6 - 59.4 Quartz-Carbonate>> Multiple QZ/CA vein, 10 to 15 cm wide..

44.27 47.60 SED undifferentiated Sediment

<<Min: 44.27 - 97.48 0.5% Min: Pyrrhotite>> And disseminated. Seems more concentrated in mafic units.

<<Alt: 44.27 - 49.56 Moderate-Strong Calcite>>

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

<<Alt: 44.27 - 97.48 Weak-Moderate Silicification>>

<<Struc: 46.6 - 53 Weak Fault>> Multiple narrow fault and broken zone.

47.60 49.50 MAFt Mafic Volcaniclastics

49.50 57.02 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

49.5 - 57.02: Foliated mudstone crosscut by QZ/CA vein. Some graphitic bed and some silicified bed or highly siliceous.

<<Alt: 49.56 - 52.24 Moderate Calcite>>

<<Alt: 52.34 - 57 Weak Calcite>>

<<Alt: 57 - 57.61 Strong Calcite>>

57.02 57.61 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

57.02 - 57.61: BI/CL. QZ vein at upper contact and QZ vein crosscutting the unit.

57.61 58.56 MDSc Carbonaceous dominant mudstone

57.61 - 58.56: Low CA content.

<<Alt: 57.61 - 97.48 Weak-Moderate Calcite>>

58.56 59.30 MAFt Mafic Volcaniclastics

58.56 - 59.3: MAFi interbedded from 59.06 to 59.54. BI rich, blue, possibly andesitic composition.

59.30 64.60 MDSc Carbonaceous dominant mudstone

59.3 - 64.6: Or WCK. Thinly foliated. Sheared from 60.30 to 60.60. Could contain mafic material.

<<Struc: 60.2 - 60.6 Weak-Moderate Shear>> Shearing marks.

<<Struc: 64.5 - 67.75 Strong Fault>> Brittle and gouge in carbonaceous mudstone. Core loss.

64.60 67.75 FLZ Fault Zone

64.6 - 67.75: Sheared and faulted mudstone. Brittle and gouge.

67.75 70.95 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

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

70.95 72.05 MAFi Mafic Intrusions (primarily footwall mafic intrusion)

70.95 - 72.05: Or MAFt mixed with mudstone.

72.05 76.69 MAFt Mafic Volcaniclastics

72.05 - 76.69: Poorly foliated.

76.69 81.98 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

76.69 - 81.98: Some brown coarse grain beds, non carbonaceous.

<<Vein: 79.62 - 79.85 Quartz-Carbonate>> QZ/CA vein.

<<Struc: 77.1 - 77.49 Weak Fault>> 2 narrow fault gouges.

81.98 82.68 SED undifferentiated Sediment

81.98 - 82.68: Brownish unit, poorly sorted. QZ grain, coarse matrix.

82.68 84.23 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

82.68 - 84.23: CA veining. Brown coarse grain bed at lower contact, SED showing MDS thinly interbedded..

84.23 85.21 MAFt Mafic Volcaniclastics

85.21 86.28 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

86.28 87.37 MAFt Mafic Volcaniclastics

86.28 - 87.37: Silicified on the edge, no foliation, green. QZ vein at lower contact.

87.37 87.95 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

87.95 89.75 MAFw mafic volcanic flows

87.95 - 89.75: With 10 cm of mudstone interbedded. Could be MAFt.

89.75 90.01 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

90.01 90.44 RHY undifferentiated rhyolite

90.01 - 90.44: Felsic, probably volcaniclastic, granular.

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

90.44 92.17 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

<<Alt: 92.14 - 93.77 Weak-Moderate Muscovite>>

<<Struc: 91.2 - 91.3 Weak Fault>> Narrow, minor fault gouge.

92.17 93.77 RHYv Rhyolite volcaniclastic

92.17 - 93.77: Felsic composition. Granular to clastic. Possibly rhyolite.

93.77 96.60 MDS Carbonaceous Mudstone & Tuffaceous Mudstone

96.60 97.48 MAFt Mafic Volcaniclastics

97.48 98.10 SED undifferentiated Sediment

97.48 - 98.1: Felsic composition (80 to 90 percent of QZ), BI. Meta sandstone/quartzite?. E.O.H.

<<Alt: 97.48 - 98.01 Strong Silicification>>

End of Hole @ 200