

KAT Gold Holdings Corp. / KAT Exploration Inc. - Handcamp Project

Diamond Drill Log

Drillhole: HC-10-12 (DDH 12)

UTM Northing: 5458769m

Zone: 21

UTM Easting: 567337m

Datum: NAD83

Elevation: 238m

Azimuth: 110°

Dip: -45.0°

Final Depth: 116.0m

Casing Left in Hole: yes

Tests				
Type	Depth (m)	Inclination	Az. True	Az. Mag
Collar		-45.0°	109.5°	130.0°
Flexit	17.0	-45.5°	106.3°	126.8°
Flexit	50.0	-44.2°	113.4°	133.9°
Flexit	116.0	-42.5°	111.8°	132.3°
Flexit				

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Project:	Handcamp
Licence No:	011745M
Hole Started:	August 3, 2010
Hole Completed:	August 6, 2010
Contractor:	Cabo Drilling (Atlantic) Corp.
Logged by:	Wayne Pickett
Date:	August 6, 2010

Depth (m)		Lith	Description
From	To		
0.00	6.50		Casing
6.50	14.00		Basalt and Minor Mafic Tuff very dark grey, fine grained, massive slightly magnetic, trace pyrite in sections, patchy epidote
14.00	18.00		Mafic, Locally Cherty Tuffaceous Sedimentary Rock - 5 to 7% thin pyrite layers in sections - 16.3 to 16.7 - 7% pyrite in thin layers, layering at 60° to CA
18.00	50.30		Mineralized Zone - Variably Altered Mineralized Mafic Tuffaceous Sedimentary Rock, Mafic Volcanic Rock and Chert altered mafic tuffaceous sedimentary units range from light grey, light green to dark green, alteration consists of some combination of silicification, sericitization and chloritization, alteration is intense in several sections making the protolith difficult to ascertain, some of the siliceous units may have been originally cherty sedimentary rock, the tuffaceous sedimentary rocks are well foliated in several sections and typically contain 5 to 7% pyrite stringers accompanied locally by 2-5% sphalerite and minor galena , many of the stringers are parallel to the foliation; grey chert and jasper units are accompanied by silicate/oxide iron formation and are typically brecciated, the breccia interstices filled with pyrite in several places, the light grey chert sections are typically not magnetic whereas the - 18.5 to 19.2 - unit is light grey and silicious, 7 to 10% pyrite stringers subparallel to foliation, which is at 60° to CA - about 50% of section consists of 10 to 70 cm thick jasper lenses, a few sections contain specular hematite
24.30	27.50		

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Ag ppm	Zn %	Pb %	Cu %
44557	13.5	14.5	1.0	5	0.2	0.01	0.00	0.00
44558	14.5	15.5	1.0	5	0.2	0.01	0.00	0.00
44559	15.5	16.5	1.0	5	0.2	0.02	0.00	0.00
44560	16.5	17.5	1.0	5	0.2	0.05	0.00	0.01
44561	17.5	18.5	1.0	16	0.4	0.03	0.00	0.01
44562	18.5	19.1	0.6	57	0.5	0.37	0.01	0.03
44563	19.1	20.0	0.9	61	1.2	0.27	0.01	0.02
44564	20.0	21.0	1.0	34	0.8	0.28	0.01	0.01
44565	21.0	21.9	0.9	12	0.7	0.02	0.00	0.01
44566	21.9	23.1	1.2	137	0.9	0.03	0.00	0.01
44567	23.1	24.2	1.1	63	1.5	0.03	0.00	0.01
44568	24.2	24.9	0.7	5	0.6	0.02	0.00	0.00
44569	24.9	25.7	0.8	5	0.2	0.01	0.00	0.00
44570	25.7	26.5	0.8	5	0.2	0.01	0.00	0.00
44571	26.5	27.5	1.0	5	0.2	0.01	0.00	0.00

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Depth (m)		Lith	Description
From	To		
58.90	67.70		Mineralized Zone - Variably Altered Mineralized Mafic Tuffaceous Sedimentary Rock (continued)
64.90	67.70		- rock has blotchy appearance
67.70	80.80		Altered Basalt dark grey, fine grained, non-magnetic, chloritized, locally sericitized and silicified, some sections contain 2% pyrite stringers
77.00	77.30		- pale grey, silicified, cherty zone, brecciated, minor sericite and minor specular hematite
80.80	81.20		Felsic Dyke buff, light brown, locally fractured
81.20	87.50		Layered Jasper, Grey Chert and Mafic Tuffaceous Sedimentary Rock rock is layered, brecciated in sections, chert is locally magnetic, some specular hematite
87.50	89.10		Mafic Dyke - contact at 45° to CA - 88.6 to 88.9 - 2 cm wide vuggy calcite/quartz vein at 15° to CA
89.10	97.40		Layered Jasper, Grey Chert and Mafic Tuffaceous Sedimentary Rock jasper and grey chert grade downward into mafic, cherty tuffaceous sedimentary rock, rocks are slightly to strongly magnetic, few pyrite stringers in places
89.10	91.90		- mostly jasper, locally layered and locally brecciated - at 93.0 - 2 cm wide gouge at 65° to CA
97.40	104.00		Variably Altered Basalt darg grey-green, silicified in sections, several epidote, calcite and quartz veins

Sample No.	From (m)	To (m)	Width (m)	Au ppb	Ag ppm	Zn %	Pb %	Cu %
44602	63.8	64.8	1.0	5	0.5	0.01	0.00	0.01
44603	64.8	65.8	1.0	5	0.5	0.01	0.00	0.01
44604	65.8	66.8	1.0	5	0.2	0.01	0.00	0.01
44605	66.8	67.7	0.9	5	0.2	0.01	0.00	0.01
44606	67.7	68.7	1.0	5	0.2	0.01	0.00	0.00
44607	75.8	76.8	1.0	5	0.2	0.01	0.00	0.01
44608	76.8	77.5	0.7	47	0.2	0.01	0.00	0.00
44609	77.5	78.5	1.0	19	0.2	0.01	0.00	0.01
44610	80.8	81.2	0.4	5	0.2	0.00	0.00	0.00
44611	81.2	82.3	1.1	5	0.2	0.01	0.00	0.00
44612	82.3	83.4	1.1	5	0.2	0.01	0.00	0.00
44613	83.4	84.5	1.1	5	0.2	0.01	0.00	0.00
44614	84.5	85.5	1.0	5	0.2	0.01	0.00	0.00
44615	85.5	86.5	1.0	16	0.2	0.01	0.00	0.00
44616	86.5	87.5	1.0	5	0.2	0.01	0.00	0.00
44617	88.6	89.1	0.5	5	0.2	0.01	0.00	0.00
44618	89.1	90.0	0.9	5	0.2	0.01	0.00	0.00
44619	90.0	91.0	1.0	5	0.2	0.01	0.00	0.00
44620	91.0	92.0	1.0	5	0.2	0.01	0.00	0.00
44621	92.0	93.0	1.0	5	0.2	0.01	0.00	0.00
44622	93.0	94.0	1.0	31	0.9	0.03	0.00	0.00
44623	94.0	95.0	1.0	5	1.1	0.01	0.00	0.01
44624	95.0	96.0	1.0	5	1.3	0.01	0.00	0.01
44625	96.0	97.0	1.0	22	2.1	0.02	0.00	0.01
44626	101.9	102.9	1.0	5	0.2	0.01	0.00	0.01
44627	102.9	103.9	1.0	5	0.4	0.01	0.00	0.01

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Depth (m)		Lith	Description
From	To		
104.00	111.50		Strongly Altered Basalt silicified, sericitized and chloritized, 2-7% pyrite stringers - light grey brown, strongly silicified, lesser sericitized, 3-7% pyrite stringers - 104.9 to 105.1 - very dark green chlorite-rich, 5% pyrite - about 50% of section is light grey brown, strongly silicified, lesser sericitized and contains 3-7% pyrite stringers, remainder very dark green chlorite-rich, 5% pyrite
104.00	106.40		
106.40	111.50		
111.50	116.00		
113.60	114.70		
116.00			Basalt medium green, slightly magnetic, strongly epidotized, epidote occurs in veins and patches - porphyritic, abundant saussuritized plagioclase phenocrysts 2-3 mm across
			E.O.H.

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