

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

Diamond Drill Log

Drillhole: HC-10-10 (DDH 10)

Zone: 21

Datum: NAD83

Tests				
Type	Depth (m)	Inclination	Az. True	Az. Mag
Collar		-47.0°		
Flexit	2.0	-45.6°	110.2°	130.7°
Flexit	50.0	-44.2°	107.8°	128.3°
Flexit	101.0	-42.0°	109.8°	130.3°
Flexit	131.0	-40.9°	118.2°	138.7°

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Project:	Handcamp
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Licence No:	11745M
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Hole Started:	July 28, 2010
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Hole Completed: July 30, 2010

Contractor:	Cabo Drilling (Atlantic) Corp.
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Logged by: Jim Weick & Wayne Pickett

Date: July 31, 2010

Depth (m)		Lith	Description
From	To		
0.00	88.90		Basalt and volcanoclastic rocks - Logged by Jim Weick
88.90	122.10		Mineralized Zone - Variably Silicified, Mineralized Mafic Tuffaceous Sedimentary Rock and Mafic Volcanic Rock, Few Chert Layers variably silicified , siliceous, sulphide-bearing tuffaceous sedimentary rock, few sulphide beds, lenses, several sections containing pyrite stringers, few sections have pods or discontinuous layers of brown mineral, some of which is sphalerite, several quartz, carbonate with or without epidote and lesser epidote veins, moderately magnetic in most sections
88.90	89.90		- pale grey, siliceous, sericitized tuff , moderately foliated
89.90	92.20		- dark grey mafic tuffaceous sedimentary rock , locally well layered (bedded?), few pyrite beds about 0.5 to 2 cm thick, few red chert layers 0.5 to 1.5 cm thick
			- 91.6 - pyrite layer 2 cm thick at 50° to CA (typical) 92.3 to 99.6 - as above but light grey green, locally silicified, sericitized and 92.2 to 95.0 - estimated 3% pyrite, mostly as stringers parallel to layering/foliation
92.20	92.40		- dark grey-brown silicate-oxide iron formation , strongly magnetic
32.80	34.10		- 95.8 - 5 cm wide chlorite gouge zone
99.60	105.90		medium grained, massive, chloritic mafic volcanic rock cut by stringers of brown mineral (about 10%) including sphalerite
105.90	108.00		- 104.0 to 105.9 - mafic tuff
108.00	110.50		- 105.9 to light grey, siliceous, silicified mafic rock, minor chert, trace sulphides - mafic tuff with grey chert lenses , typically well layered (structurally modified bedding?) few 1 to 5 cm wide pale grey chert layers and lenses, layering/foliation typically at 50° to CA

Sample No.	From (m)	To (m)	Width	Au ppm	Ag ppm	Zn %	Pb %	Cu %
			(m)					
20765	88.7	89.9	1.2	5	0.2	0.01	0.00	0.00
20766	89.9	91.2	1.3	5	0.2	0.01	0.00	0.00
20767	91.2	92.2	1.0	961	12.7	0.12	0.12	0.03
20768	92.2	93.2	1.0	276	13.4	0.05	0.02	0.02
20769	93.2	94.2	1.0	125	0.5	0.04	0.00	0.01
20770	94.2	95.2	1.0	5	0.7	0.02	0.00	0.01
20771	95.2	96.2	1.0	5	0.6	0.03	0.01	0.00
20772	96.2	97.2	1.0	5	0.2	0.02	0.00	0.00
20773	97.2	98.2	1.0	5	0.2	0.03	0.00	0.00
20774	98.2	99.2	1.0	31	1.0	0.09	0.01	0.01
20775	99.2	100.2	1.0	66	0.8	0.09	0.02	0.02
20776	100.2	101.2	1.0	5	0.2	0.15	0.00	0.01
20777	101.2	102.2	1.0	5	0.4	0.50	0.00	0.05
20778	102.2	103.2	1.0	33	1.3	0.62	0.01	0.13
20779	103.2	104.2	1.0	5	0.4	0.32	0.01	0.05
20780	104.2	105.2	1.0	5	0.2	0.04	0.00	0.01
20781	105.2	106.2	1.0	5	0.2	0.17	0.01	0.02
20782	106.2	107.2	1.0	5	0.2	0.01	0.00	0.00
20783	107.2	108.2	1.0	5	0.2	0.01	0.00	0.00

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Depth (m)		Lith	Description
From	To		
88.90	122.10		Mineralized Zone - Variably Silicified, Mineralized Mafic Tuffaceous Sedimentary Rock and Mafic Volcanic Rock, Few Chert Layers (continued) - Jasper, Chert, Siliciate Oxide Iron Formation , strongly magnetic - medium green basalt , possibly locally pillowed, 10% pyrite stringers , moderately magnetic, trace sphalerite? 115.9 - vuggy quartz vein, 2 cm thick, 2% disseminateed pyrite - mafic tuff, well layered, foliated, chloritized, several 0.5 to 1 cm wide siliceous zones, possibly originally veins, estimated 10% pyrite stringers - Mafic Diabase Dyke medium green, few epidote veinlets, very slightly magnetic - 119.8 - chilled contact at 55° to CA - as from 116.4 to 117.8 but below 120.5 , pyrite stringers decrease to 1%
110.50	113.10		
113.10	116.40		
116.40	117.80		
117.80	119.80		
119.80	122.10		
122.10	131.00		Massive and Lesser Pillowed Basalt medium green, slightly to moderately magnetic, slightly chloritized, 15% calcite/epidote veins 126.5 - 5 cm wide gouge at 60° to CA
131.00		EOH	

[illegible]