

Table 3

2002 Heather Claim Diamond Drill Log - ACH-2

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2002 Arctic Chief Property Diamond Drill Log ACH - 2				Hole #:	ACH - 2			Elevation:	2850 - 290
Date Started:		June 15, 2002		Date Finished:	June 18, 2002			Final Depth:	270 feet
Grid location:		L94+50N / 5120E		Inclination:	-51			Azimuth:	295
Core Size:		NQ		Drill Rig:	Long Year 38			Logged By:	XD Jiang
Core Stored At:		14 MacDonald Road, Whitehorse, YT. (Kluane Drilling Ltd's back yard)							
Drilling Contractor:		KLUANE DRILLING LTD., 14 MacDonald Road, Whitehorse, Y.T. Y1A 4L2							
Location:		On Heather 3 claim, about 420 m northwst of Heather 3 claim #1 post, and about 60 m to the east of the Whitehorse Traverse Line.							
Note:		Mineralized magnetite-garnet skarn from 101 - 122.5ft, estimated 0.5% to 1% Cu.							
Samples:		10297 - 10304							
Footage									
From (ft)	To (ft)	Width (ft)	Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
0.0	2.5	2.5		Overburden					
2.5	101.0	98.5		Porphyritic Granodiorite (Feldspar Porphyry) Di ke, light grey, porphyritic, several mm sized white feldspar phenocrysts 25-30% in fine to medium grained granodioritic to dioritic matrix. trace disseminated Py and magnetite. The feldspars are weakly sericitized and normally have dark green chloritic inclusions. Lower end from 88 ft down is finer to vfg chilled margin, with less feldspar phenocrysts and the color is darker grey. Lower contact broken but looks at about 15 CA.					
101.0	122.5	21.5		Mineralized Magnetite Garnet Skarn , dark grey to brown and greenish brown, medium to very coarse grained, 104.3 - 111.5 is massive to local weakly banded magnetite, the rest is garnet skarn dominant with patches of magnetite, some garnet is megacrystic and zoned. The interval is scattered with Cpy patches, blobs to fine stringers, local with Bor. Lower contact is sharp at about 15 CA.					
101.0	104.3	3.3	10297	garnet epidote skarn with about 1% Cpy at lower end.	<5	0.0932	<0.2		1 <2
104.3	109.0	4.7	10298	massive magnetite skarn with about 2% Cpy local patches, trace Bor.	15	0.318	0.2	<1	<2
109.0	111.5	2.5	10299	massive magnetite skarn with trace to 1% Cpy trace valeriite(?) and trace Bor.	10	0.0858	<0.2	<1	<2
111.5	115.3	3.8	10300	garnet magnetite skarn, 30% magnetite patches, 1% Cpy blobs.	30	0.299	1.6	<1	<2
115.3	118.9	3.6	10301	massive garnet skarn with 3-5% Cpy patches and blobs and minor disseminated and fine veinlets Cpy, minor magnetite.	70	1.97	6.4		1 <2

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Footage			Sample #	Description	Au ppb	Cu %	Ag ppm	Mo ppm	Bi ppm
From (ft)	To (ft)	Width (ft)							
118.9	122.5	3.6	10302	garnet diopside skam, with 1-2% Cpy veinlets and disseminated Cpy.	60	0.844	2.8	2	<2
122.5	126.3	3.8		Mafic Dike , dark grey, very fine grained, moderately fractured with minor calcitic fillings. Lower contact broken.					
126.3	189.0	62.7		Garnet Skam , light brown to local greenish brown, coarse grained, massive to local well fractured, Ep along fractures and patches common, so are calcitic stringers. Local bleached. Two qtz veinlets (3 inch at 175 ft and 1 inch at 182.5 ft) at 55 CA with minor chlorite and calcite and trace Py Cpy. Over all occasional magnetite and hematite, trace Cpy. Lower contact sharp at about 60 CA.					
126.3	130.0	3.7	10303	massive garnet skam with 2-3% calcitic chloritic veinlets and trace to 0.5% disseminated Py Cpy.	5	0.0739	0.2	3	<2
130.0	133.0	3.0	10304	massive garnet skam with 5-7% calcitic chloritic veinlets and trace to 0.5% disseminated Py Cpy.	10	0.0377	<0.2	2	<2
189.0	195.0	6.0		Impure Sandstone , medium to dark greenish grey, fine to coarse grained, skarnified, conglomeratic, with 2-3 mm scattered feldspar and quartz grains, Ep and Chl altered. Lower contact sharp with a quartz vein at about 60 CA.					
195.0	199.5	4.5		Altered Granodiorite , light grey to light greenish grey, medium grained, bleached, Ep and Chl altered, minor Gar near top. Minor pink thulite patches in the middle. Lower contact broken, at about 35 CA. At the very top is a 0.5 ft white qtz vein with minor Chl and calcite.					
199.5	270.0	70.5		Porphyritic Granodiorite (Feldspar Porphyry) Dike , same composition as the beginning of this hole, another dike, no mineralization, regionally it is post mineralization. Drilled down to 270 ft still in it, hole was shut down.					
270.0				End of Hole.					