

UTM East: 533890.44

UTM North: 5408771.76

Grid East: -11400

Grid North: 390

Elevation : 213.5

Dip : -46

Claim Number: ANDCharter

Azimuth : 130

Total Depth : 481.88

Core Size: NQ

Remarks: Deepened during July 2000 from 333.8m to 481.88m. PVC

pipe not put in hole.



DIAMOND DRILL CORE LOG

Project No. 294

Hole No. MM-294-03

Property: Mary March

NTS: 12A/15 Grid Name: MM 1999

Date Started: 6/29/00

Completed: 7/05/00

Contractor: Aurora

Logged by: JG Thurlow

Depth (m)		Major Rock Description			Minor Rock Description				Assays								
From	To	Code	Lithology	Comments	From	To	Code	Comments	From	To	Sample	Cu %	Pb %	Zn %	Ag ppm	Au ppb	
0.00	333.8	Bvt	Mafic volcaniclastics	Core drilled in January 1999	333.8	354.5	Bv	Medium greenish basaltic volcaniclastics and some possible pillow lava. Common large calcite amygdules and abundant small chlorite-filled vesicles. Weakly-moderately altered (plagioclase altered to sericite, trace anomalous green mica). Weakly bleached. 0.5% disseminated pyrite. Possible trace chalcopyrite. Fairly solid core with local minor fault gouge. Some broken core in vicinity of the basal contact, which may be gradational.	406.1	407.45	294187	0.01	0.00	0.01	0.3	1	
333.8	433.8			but Mafic volcaniclastic rocks with weak hydrothermal alteration is locally characterized by widespread minor specks of chalcopyrite.													
					354.5	360.8	Bv	Basaltic volcaniclastics characterized by darker, blotchy, diffuse fragment-like entities in more leucocratic matrix. Not as amygdular or as calcite-rich as the sub-unit above. Minor disseminated pyrite, weak alteration. Weak shear at lower contact.									
					360.8	368.3	Bv	Basaltic rock characterized by elongate, flattened, altered, green leucocratic (bleached) vesicular scoriaceous entities in a medium green matrix. Minor disseminated pyrite, weak alteration. Weak shear at lower contact.									

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From	To	Code	Lithology	Comments	From	To	Code	Comments	From	To	Sample	Cu %	Pb %	Zn %	Ag ppm	Au ppb	
					368.3	433.45	Bv	Basaltic volcanoclastic rocks characterized by diffuse leucocratic fragments in a more melanocratic matrix. Good solid core with rare minor shear. Minor disseminated pyrite, weak but definite sericitic alteration, very weak silicification. Common trace disseminated chalcopyrite in clasts either in amygdules or elsewhere. Some clasts have reaction rims. Fairly calcite-rich, though generally in the matrix more than in amygdules. Diabasic or intermediate intrusive from 392.3-393.5m containing anomalous disseminated pyrite. Below 393.5m, weak chloritic alteration in the matrix and with minor weak epidotization of phenocrysts or in amygdules. One section is assayed to indicate Cu content of a better than average area. Some brownish rims on some clasts. 424.3m-425.4m is another diabasic or intermediate intrusive with anomalous fracture-fill and disseminated pyrite.									
433.4	433.	fj	Fault Zone	Fault zone. Strong ductile shearing at 60-65 degrees to core axis. Locally quite black and with common deformed quartz-calcite veinlets.													
433.7	453.	Df	Df	Felsic flows, weak to moderate alteration with disseminated pyrite and minor sphalerite-bearing stringers	433.75	435		Foliated, sheared, strongly sericitized felsic volcanic with siliceous knots/augen. 1% disseminated pyrite and trace sphalerite. Weak shear at basal contact.	445.5 447.43	447.43 449.36	294188 294189	0.00 0.01	0.03 0.08	0.05 0.09	3.1 3.7	2.2 2.9	

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From	To	Code	Lithology	Comments	From	To	Code	Comments	From	To	Sample	Cu %	Pb %	Zn %	Ag ppm	Au ppb
					435	438.6	M	Plagioclase-phyric diabasic intrusive, locally weakly amygdular.								
					438.6	453.75	Df	Medium greenish to medium greyish, heterogeneously altered felsic flow or synvolcanic intrusive. Characterized by quench fractures, elongate silica-filled amygdules, local perlitic cracks and pseudofragmental textures. Stubby plagioclase phenocrysts like Unit D2. (Box #26 was dropped by the drillers and has not yet been restored 100%). Some chalcedonic void-fill. Weakly sericitized and with minor disseminated pyrite. Below 444.4m there occurs a few pyritic stringers (dull pyrite) containing Zn-Pb-barite and alteration is moderate-strength silica-sericite. Darker grey areas adjacent to pyritic veinlets have a greater percentage of disseminated pyrite. Moderate shear at basal contact at 65 degrees to core axis.								
453.7	481.	Dhb	Dacitic hyaloclastic breccia	Dacitic hyaloclastic breccias with weak silicic alteration and fine disseminated pyrite	453.75	481.88	Dhb	Dacitic hyaloclastic breccia, genetically related to the flows above and looking like D2 lithologies. Stubby plagioclase phenocrysts. Weak alteration dominated by silica in the matrix with lesser sericite. Variable disseminated pyrite up to 1% but generally much less. Trace base metal sulphide in fracture/veinlet. Medium greenish to greyish.								