

UTM East: 534864 Grid East: -106+07 Elevation : 154m Dip : -75 deg Azimuth : 133 deg Total Depth : 310.37m Remarks: Hole is capped and lined with small PVC pipe (ID=40mm, OD=48mm)	UTM North: 5409029 Grid North: -01+65 Claim Number: AND Charter Core Size: NQ	 Corporation of Canada, Limited DIAMOND DRILL CORE LOG	Project No: 294 Property: Mary March NTS: 12A/15 Grid Name: MM 1999 Date Started: 10/07/2000 Completed: 18/07/2000 Contractor: Petro Logged by: JG Thurlow	Hole No. MM-294-19
--	--	--	---	---------------------------

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	7.90		OB	Overburden												
7.90	223.00	BD	Mafic-intermediate volcaniclastic rocks	Mafic-intermediate volcaniclastic rocks characterized by distinctive, weak, rusty brownish silicic(?) alteration. Composition is more felsic than basalt but less silicic than the typical felsic volcanics. Unit has incipient alteration overall. Badly broken core to 19.3m - moderate over remainder.	7.90	9.00	Mg	Coarse diabase-fine grained gabbro - may be a boulder								
					9.00	44.50	BD	Medium-dark greenish-brownish mafic-intermediate volcaniclastic characterized by blotchy, hard, rusty orange-brownish colour/alteration. The alteration affects feldspars in particular but also seems to pick up on flow banding or like structures. Minor elongate silica-filled amygdules, common fine leucoxene. Trace hematite alteration. Local weak-moderate epidote alteration, especially after plagioclase and in blotches. Small voids and late veinlets locally filled with calcite-specularite and trace chalcopyrite. Some bright red hematite on fracture surfaces. Textures somewhat obfuscated by the alteration. Local hyaloclastic breccia. Minor unseparated diabase (like 28.95m-30.5m). K variable from 0.03 to 0.40. Minor disseminated pyrite, generally associated with calcite void-fill.								
					44.50	46.00	D2	Dacitic intrusive resembling D2 lavas. Weak-moderate sericitic alteration and 1% disseminated pyrite locally with trace sphalerite and, in one spot, considerable Zn-Pb (a few percent over a few centimetres).								
					46.00	52.40	D2	Intermediate to dacitic intrusive rock - massive, amygdular (silica-calcite-pyrite-chalcopyrite), medium greenish-greyish. Probably related to the previous sub-unit but this is less altered (more silicic and less sericitic). Common specks Zn-Pb-Cu in silica veinlets and in voids.								

UTM East: 534864

UTM North: 5409029

Grid East: -106+07

Grid North: -01+65

Elevation : 154m

Dip : -75 deg

Azimuth : 133 deg

Total Depth : 310.37m

Claim Number: AND Charter

Core Size: NQ

Remarks: Hole is capped and lined with small PVC pipe (ID=40mm, OD=48mm)

**phelps
dodge**

Corporation of Canada, Limited

DIAMOND DRILL CORE LOG

Project No: 294

Hole No. MM-294-19

Property: Mary March

NTS: 12A/15 Grid Name: MM 1999

Date Started: 10/07/2000 Completed: 18/07/2000

Contractor: Petro

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
					52.40	58.10	M	Diabase - irregular chilled upper contact. Broken, chilled basal contact. Includes some unseparated screens of host rock. Moderately broken core. Non-magnetic (k = 0.02 - 0.03). Common medium grained leucoxene. Trace disseminated pyrite.								
					58.10	104.70	BD	Medium dark greenish-brownish-orange mafic-intermediate volcaniclastic rocks, identical to 9.0m-45.5m. Local weak epidotic or chloritic alteration; common specks pyrite. Hyaloclastic texture largely obfuscated. Local vague perititic cracks, locally well-developed. Local flow banding. 20 centimetres fault gouge at 73m with some broken core; shearing follows core. Minor aligned silica-filled amygdules. Generally similar to FRT lithologies.								
					104.70	108.00	I	Massive intermediate-felsic intrusive characterized by dark green to orange rinds around calcite-(epidote-hematite-pyrite)-filled voids. Contacts broken.								

