UTM East: 534483 **UTM North:** 5408626

Grid East: -112+00 **Grid North:** -02+00

Elevation : 149.8m

Dip : -41.5 deg **Claim Number:** AND Charter

Azimuth : 313 deg

Total Depth : 55m **Core Size:** NQ

Remarks: Collar is located 15 m at 133 degrees from aluminum tag on shoreline. Casing is pulled. No tropari testing done.

phelps dodge Corporation of Canada, Limited

DIAMOND DRILL CORE LOG

Project No: 294 **Hole No.** MM-294-13

Property: Mary March

NTS: 12A/15 **Grid Name:** RIL 2000

Date Started: 22/02/2000 **Completed:** 24/02/2000

Contractor: Logan

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	27.60	OB	Overburden													
27.60	42.90	ST	Stringer Zone	Pyritic stringer zone cutting sericitized-silicified felsic host; strong alteration and mineralization. 10% pyrite overall, mainly concentrated in 1cm - 6cm stringers. Considerable disseminated pyrite as well. Stringers tend to be parallel to the foliation which varies from 10 to 45 degrees to core axis. Greyish-buff to greenish colours. Minor shears 10 to 45 degrees to core axis. Trace barite in veinlets and trace sphalerite-galena.												
42.90	44.10	fj	Fault Zone	Fault gouge, cohesive and otherwise. Shearing appears to be approximately 10 degrees to core. Host rock is pyritized, silicified and sericitized and appears to be similar to the unit from 27.6m-42.9m. Possible trace base metal sulphide.												
44.10	44.65	SMS	Mary March Horizon?	Sheared, pyritized, fine grained, friable rock; medium greyish; protolith uncertain. Minor base metal sulphides, 5%-10% fine grained pyrite. Basal contact is a strong shear at 17 degrees to core axis.												
44.65	55.00	Bv	Hangingwall Mafic Volcaniclastics	Typical hangingwall mafic volcaniclastics. Common calcite amygdules and veinlets. Moderate calcite alteration. Traces pyrite. Several shears 10 to 20 degrees to core axis. Local weak epidote and chlorite alteration.												
55.00	55.00	EOH		End of Hole												