

Latitude 11400N
 Departure 9700E
 Elevation ~210m A.S.L. (from topo)

Dip at Collar . . -60°
 Bearing Measured 131° True (at 25° west
 declination) . .

Total Depth . . . 151.8m Core Size BQ

Remarks Core at Tally Pond camp (casing left)

Noranda Exploration Company, Limited
 DIAMOND DRILL CORE LOG

Tests	Magnetic	Corrected
Depth	Dip	Bearing
Acid		
73.2m	59°	
151.8m	57°	

Project No. . . . 4701

Property Mary March

NTS 12A/16

Date Started . . . Mar 12/92

Contractor Petro Drilling

Logged By G. Squires

Sheet No . . . i of 2

Hole No. . . MM-92-1

Grid Name . . Mary March Brook

Completed . . Mar 16/92

Depth & Lithology	Description	Alteration	Mineralization	Remarks
0-20.1	Overburden			
20.1-33.5	Felsic Crystal Lapilli Tuff: Medium green, pervasively foliated at 30-60° c.a. 5-20% pink angular fragments of QF porphyritic rhyolite (up to 2cm) in a pervasively sheared sericite-silica matrix which is peppered with fine clear quartz phenos and lesser feldspar phenos. Occasional jasper veins.	Mod-strong sericite mod. silicification, frequent epidote veining (<5%)	Nil to tr py, tr po as rare blebs and bands	
33.5-41.7	Felsic ash - crystal tuff: similar to above but darker green, fragments rare. Top contact gradational, foliated as above	As above	Nil	
41.7-53.2	Quartz feldspar porphyry dyke: pink, glassy. Contains 15% 1-3mm qtz, 15% 1-3mm k-spar (pink), <2% epidotized plag phenos. Top 40cm brecciated and foliated at 30° c.a. and epidotized. Pink color gives way to dark grey-green at ~ 43.3m. Lower contact sharp and irregular at ~ 45° c.a. Undeformed	Locally epidotized and siliceous	Tr py	42.7-43.7 Broken core on rusty pyritic fractures
53.2-57.9	Felsic ash-Crystal tuff: As in 33.5-41.7 but contains 5% 3mm-5cm yellowish angular rhyolite fragments. Frags are aphyric, qtz porph, qtz-fsp porph. Pervasively foliated at 10°-45° c.a. Lower contact gradational	Mod-strong sericite, mod silicification, Loc epidotized.	Nil	
57.9-115.9	Felsic Crystal-Lapilli Tuff: As in 20.1-33.5 Rhy fragments up to 5cm. Mostly angular, some stretched along foliation (30-45°) Pervasively sheared.	Mod-strong sericitization and silicification. Locally epidotized	Tr py	115.3-115.8 Broken blocky core

Noranda Exploration Company, Limited
DIAMOND DRILL CORE LOG

Project No. . . . 4701 Sheet No. . . 2 of 2
Property Mary March
Hole No. . . . MM-92-1

Depth & Lithology	Description	Alteration	Mineralization	Remarks
115.9-130.2	Mafic to intermediate Feldspar porphyry dyke: Dark grey green, f. grained to diabase, plag. (saussuritized) porphyritic, undeformed. Upper contact undulatory (vertical to 30° to c.a.) sharp and crosscuts foliation of above unit. Two xenoliths (10 X 30cm) of glassy rhyolite (could be dykes). Lower contact sharp @ 90° c.a.) and undulose.	Minor sericite	Nil.	
130.2-149.1	Ash-lapilli tuff: Medium dark green, pervasively sheared @ 35°-45° c.a. 0-15% QFP rhy frags. which are frequently stretched into foliation. Frequent Fsp ± quartz xtals (<10%) in foliated matrix. Maximum clast size .5 X 2 cm.	Strongly sericitized, moderately to strongly siliceous. Local epidote veining	Tr py	
149.1-151.8	Rhyolite dyke?: pink, glassy aphyric, undeformed. Top 1m of unit appears to be intruded by narrow mafic dyke material, giving top unit a clastic or breccia appearance.	Siliceous	Tr py	151.0-151.5 Broken core
151.8	END OF HOLE			