

Latitude 10145N
 Departure 11800E
 Elevation ~260m A.S.L. (from topo)
 Dip at Collar . . -45°
 Bearing 140° True
 Total Depth . . . 100.6m Core Size BQ
 Remarks Core at Tally Pd, camp (casing left)

Noranda Exploration Company, Limited
 DIAMOND DRILL CORE LOG

Tests Magnetic Corrected
 Depth Dip Bearing Bearing
 6.1m 45° Acid
 100.6m 44°

Project No. . . . 4701 Sheet No 1 of 3
 Hole No. . . . LS-92-1
 Property Mary March
 NTS 12A/15 Grid Name . . Little Sandy
 Date Started . . . Mar 11/92 Completed . . Mar 12/92
 Contractor Petro Drilling, Springdale
 Logged By G. Squires

Depth & Lithology	Description	Alteration	Mineralization	Remarks
0-2.1	Snow			
2.1-6.1	Overburden			
6.1-14.3	Sheared mafic flows: Medium green, locally epidote amygdaloidal. Foliated at 60-80° c.a.	Pervasive greenschist chlorite. 5-15% foliation parallel calcite veins.	Trace-1% f.g. dissem. and stringer py	10% broken core
14.3-20.5	Brittle Fault Zone: As above, but as badly broken and gougy core.	As above	1%-3% py overall, 15.5-15.6m and 18.4-18.6m 5% py as foliations parallel m.g. stringers	70% broken and gougy core
20.5-21.7	Sheared mafics: As in 6.1-14.3, foliated 30-80° c.a.	As above	Trace-1% py, 21.-21.7m 10-20% py as m.g. disseminations and foliations parallel stringers	
21.7-24.0	Intermediate Porphyry Dyke: Massive, feldspar porphyritic, fine grained. Reddish brown color. Top contact undulatory at 10° to c.a. Lower contact 60° c.a. Undeformed.	Moderate pervasive, Fe-carbonate alteration <1% calcite veinlets	Trace py	
24.0-28.3	Mafic flow?: Medium green, massive, undeformed	<1% calcite veinlets, Pervasive greenschist chlorite	Tr-1% py	
28.3-35.4	Sheared mafic tuff? Identical to 6.1-24.0m interval but: 29.8-29.9 contains 15% glassy angular rhyolite fragments 33.7-33.8 contorted color banding suggests f.g. mafic tuff/sed.	5-20% foliation parallel calcite veinlets. Pervasive G.S. Chl	Tr-1% f.g.-m.g. dissem. py	

Noranda Exploration Company, Limited
DIAMOND DRILL CORE LOG

Project No. . . . 4701 Sheet No. . . 2 of 3
Property Mary March
Hole No. . . . LS-92-1

Depth & Lithology	Description	Alteration	Mineralization	Remarks
35.4-36.9	Intermediate porphyry dyke: As in 21.7-24.0	As in 21.7-24.0	Tr py	
36.9-38.6	Rhyolite dyke?: Medium green, glassy, aphyric undeformed (possibly also a silicified mafic)	Siliceous	1-2% dissem. and stringer py	
38.6-52.5	Hydrobrecciated mafic (+ felsic): Protolith massive, f.g., medium green, locally sheared. Frequently brecciated by granular calcite.	Pervasive greenschist chl cut by calcite breccia. Locally siliceous (felsic looking)	1-2% dissem. and stringer py overall. in clasts and breccia. 45.0-45.1: 30% c.g. py, partly massive. 46.0: cpy veinlet, locally 5% py over 5cm intervals.	45.5-46.5m assayed for Cu, Pb, Zn, Ag, Au (Result 0.2% Cu)
52.5-56.0	Rhy porphyry dyke: Medium grey to green, locally beige, glassy, feldspar porphyritic, brecciated at top	Siliceous	Tr-1% py as disseminations and stringers	
56.0-64.7	Mafic flow: Medium green, massive local stretched calcite amygdalae. Pervasively sheared over 50% of unit at 70°-80° c.a.	Pervasive g.s. chl., locally silicified	1% dissem. and stringer py	
64.7-65.5	Silicified mafic: medium green, undeformed, above unit probably silicified by underlying rhyolite.	Pervasively silicified	Tr py	
65.5-68.8	Rhyolite Dyke: Pink to beige colour banded, glassy, aphyric. Banding probably due to intrusive flow, oriented 70° c.a.	Siliceous	Tr-2% stringer and dissem. py	65.5-66.5m Assayed for Au (result nil)
68.8-81.7	Mafic: Medium green, massive, locally sheared	Locally silicified, pervasive g.s. chl	1% stringer and dissem. py	
81.7-90.7	Rhyolite dyke: Medium to dark green, locally grey or pink, glassy - K-spar porphyritic, lower contact gradational and marked by disappearance of phenocrysts.	Siliceous		
90.7-91.2	Transition zone: med. grn aphyric rhy or silicified mafic.	Siliceous	Tr-1% dissem. py. At 87.4m a 0.5cm wide py/cpy vein cuts core	97.2-87.7m assayed for Cu, Pb, Zn, Ag, Au (result 0.27% Cu.)

Noranda Exploration Company, Limited
DIAMOND DRILL CORE LOGProject No. . . . 4701 Sheet No. . . 3 of 3
Property Mary March
Hole No. . . . LS-92-1

Depth & Lithology	Description	Alteration	Mineralization	Remarks
91.2-98.5	Mafic: Massive, medium green	Pervasive g.s. chlorite	2-3% dissem. and stringer py, tr cpy blebs at 98.0m	97.5-98.5 Assayed for Cu, Pb, Zn, Ag, Au (Result nil)
98.5-100.6	Rhyolite porphyry dyke: medium green, K-spar porphyritic, glassy, massive - sharp upper contact.	Siliceous	Tr-1% stringer, and dissem. py	
100.6	E.O.H.			

NORANDA EXPLORATION COMPANY LIMITED

DIAMOND DRILL CORE ASSAY RECORD

Sheet No. 10 of 1

PROPERTY Mary March 4701

Hole No. LS-92-1

[illegible]

FR Au / AA Geochemistry Certificate

Client: Noranda
 Geologist: G. Squires
 Project: 4701
 Sample: Core

304 LS-92-1

Eastern Analytical Limited
 P.O. Box 187,
 Little Bay Road,
 Springdale,
 Newfoundland.

DskFile: 105-6706.wk1

DateIn: March 18, 1992
 DateOut: March 22, 1992

Fone: 709-673-3909
 Fax: 709-673-3408

Signed by: 
 D. Faroy, G. Smith
 (Concentrations in assay range
 may cause interferences in
 associated elements.)

SAMPLE #	Au ppb	Cu ppm	Pb ppm	Zn ppm	Ag ppm
180339	103	2060	8	162	0.4
180340	81	22	3	57	0.2
180341	16	2690	4	148	1.1
180342	5	39	3	295	0.4