



41116NE0041 14 PHYLLIS

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Diamond Drilling

Township of PHYLLIS

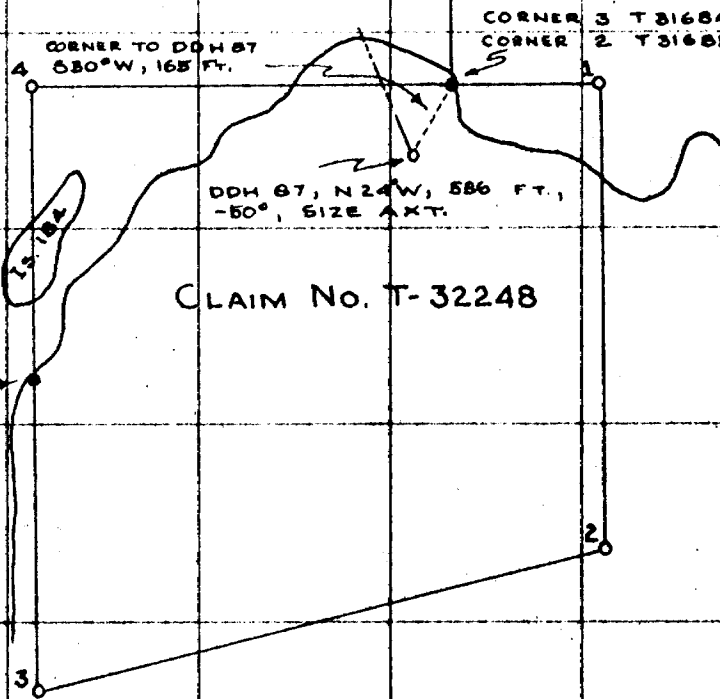
Report NO 14

Work performed by: Frontenac Exploration

Claim NO	Hole NO	Footage	Date	Note
T 32248	87	586.0'	Nov/52	..
T 31685	97	361.0'	Feb/53	

Notes:

TIMAGAMI LAKE



WP. 1 & 4 OF T32258
WP. TO 4 OF T32248

SCALE: 1 INCH TO 400 FEET

PLAN SHOWING LOCATION OF DDH. No. 87
ASSESSMENT WORK TO BE APPLIED TO THE FOLLOWING
NINE CONTIGUOUS MINING CLAIMS: T-32248, 31150,
31323, 31486, 31485, 31484, 32261, 31324, & T-31325

EO MC 31 OCT 1952



Log Of Diamond Drill Hole 87

Hole Drilled by Canadian Longyear for Frontenac Exploration & Development Company.

Hole was drilled on Claim T 32,248, on the mainland south shore of Lake Temagami.

586 Feet

Depth of Hole: ~~556~~' Incline: -50° Bearing: N 24° W

Core stored in core shed located on the License of Occupation land of the Derosier Copper and Nickel Lines - Temagami Island.

Size Core: AXT Core Logged By: J. L. Kelley

Date Drilled: November, 1952



Core		Log
Dist. (Feet)		Geology
From	To	
0	8	Glacial debris - cased.
8	96	Rhyolite agglomerate - subangular, large fragments of gray to dark green rhyolite, tightly sealed. Cut by irregular seams and blotches of white and pink carbonate and quartz.
96	116	Light gray, siliceous rhyolite or tuff, with tiny fragments.
116	151	Even grained, very fine textured, gray greenish rhyolite (?).
151	219	Dense, gray, siliceous, rhyolite agglomerate with tiny irregular seams and blotches of chlorite.
219	231	Light gray, siliceous rhyolite flow rock - with wavy flow lines visible.
231	256	Dark gray-green, finely porphyritic diorite with faint pale green feldspars in partially chloritized ground-mass; rock contains some very weakly disseminated blebs of pyrite.
256	284	Dark gray-green; evenly granular, rhyolite; locally strongly chloritized; weak amounts of pyrite.
284	289	Light gray rhyolite agglomerate or breccia.
289	586	Gray, fine and evenly textured, granular, rhyolite cut with irregular thin seams and blotches of chlorite and white carbonate and quartz stringers.

Phyllis Twp.

T 31685

93R

Log - Geology - Diamond Drill Hole 97

Hole drilled for Frontenac Exploration & Development Company Limited
by: Canadian Longyear Limited, North Bay, Ontario

February, 1953

Depth: 361' Bearing: S 28° E Inclination: - 61° Size: AXT

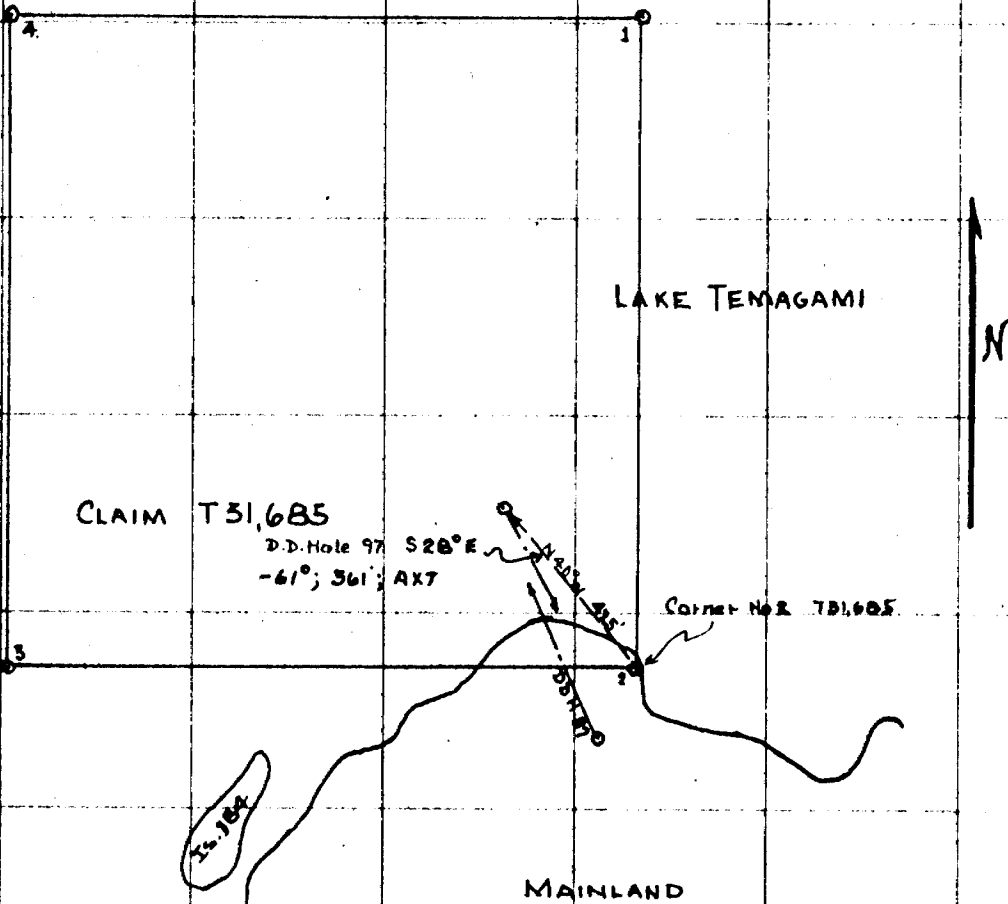
Core stored in core racks - Temagami Island - License of Occupation
Aerosol Nickel & Copper Mines Limited

GEOLOGY

Distance		Observations
From	To	
0	45	Water - Lake Temagami
45	50	Glacial Debris - sands, gravels, boulders, etc;
50	361	Rhyolite: Light gray, dense, siliceous rock. Few narrow quartz-carbonate seams and tight chlorite cracks intersecting the core at all angles. Small dark green chloritized spots throughout. Few specks of pyrite and chalcopyrite noted with chlorite spots.

Geology logged by J.L.Kelly and C.F.Cherton, geologists.





SCALE: 1" = 400'

PLAN SHOWING LOCATION D.D.HOLE 97
 ASSESMENT WORK TO BE APPLIED TO THE
 FOLLOWING CONTIGUOUS MINING CLAIMS:
 T 31,150; 31,636; 31,639; 31,640; 31,685; 32,192; 32,193; 32,248; 32,592