



31L13NW0002 10 YATES

010

Diamond Drilling

Township of YATES

Report No: 10

Work performed by: Frontenac Exploration & Development Co. Ltd.

Claim No	Hole No	Footage	Date	Note
T 31487	103	206'	Feb/53	
	88	379'	Feb/53	

Notes:

T 31487 Yates Twp.

Log - Geology - Diamond Drill Hole 103

Drilled for Frontenac Exploration & Development Company Limited
By: Canadian Longyear Limited, North Bay, Ontario

February, 1953

Depth: 206' Bearing: S 20° E Inclination: - 47° Size: AXT

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

GEOLOGY

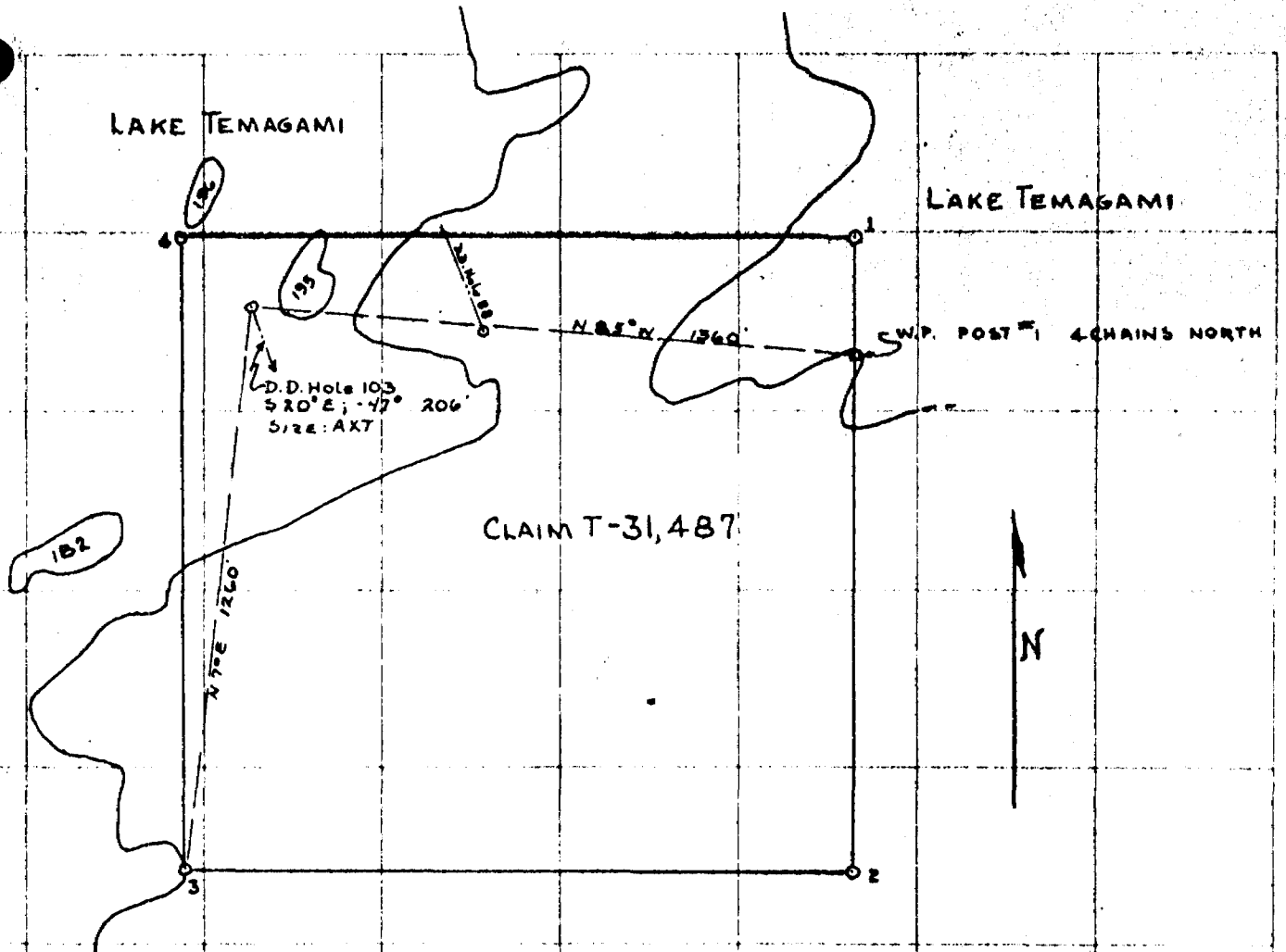
Distance		Observations
From	To	
0	16	Water - Lake Temagami
16	123	Diorite: Dark green, locally porphyritic, partially chloritic rock with scattered leucoxene blebs. Massive patches of bunchy magnetite from 19 to 32'.
123	152.5	Dike rock: gray-green evenly granular rock with numerous carbonate crystals similar to the "andesite porphyry" dike
152.5	181	Diorite: dark gray-green, porphyritic rock with leucoxene blebs and many white carbonate crystals, few seams and blebs of quartz-carbonate. Weak sulfides - pyrite and chalcopyrite - mineralization along the contact with the rhyolite.
181	206	Rhyolite: typical fine grained gray siliceous rock.

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

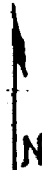


LAKE TEMAGAMI

LAKE TEMAGAMI



CLAIM T-31,487



SCALE: 1" = 400'

PLAN SHOWING LOCATION D.D. HOLE 103
 ASSESSMENT WORK TO BE APPLIED TO THE
 FOLLOWING CONTIGUOUS MINING CLAIMS:
 T 31,323; 31,324; 31,325; 31,483; 31,484;
 31,485; 31,486; 31,487; 32,261;

Log of Geology Hole 88

Located on Claim No. T 21,487 - Offshore Property

Bearing of Hole N 20° W Dip: -50°

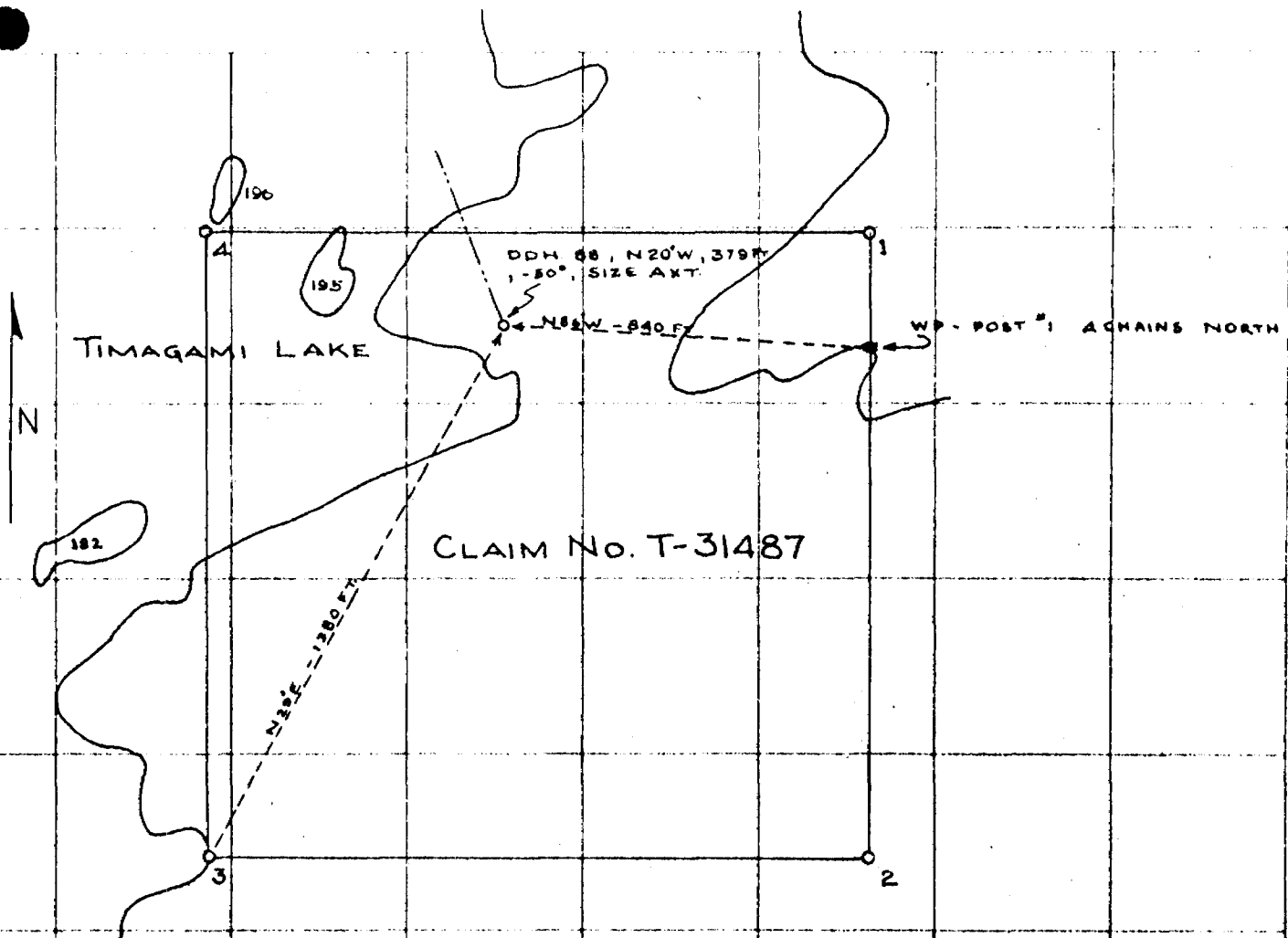
Core located in core shed on the License of Occupation - Derosier

Core Logged and read by: E.H.Eakland and R. Roy, Geologists

Distance (Feet)		Geology
From	To	
0	4	Casing - overburden:
4	379 (Bottom)	Light grey rhyolite with variable textures and color. 0-11 Feet: Sheared with chloritic mineralization and a little chalcopyrite was noted. Agglomerate texture from 60 to 90 feet. Color and texture variation of the rhyolite from 90 feet to the bottom. Some carbonate stringers observed from 320' to 350'. No sulfide mineralization of note in entire hole.

Hole was drilled by Canadian Longyear Ltd., North Bay Ont.
October, 1952

Work Supervised By: Frontenac Exploration and Development Co.
W.T. Swensen - E.H. Eakland - Geologists



÷ SCALE: 1 INCH TO 400 FEET ÷

PLAN SHOWING LOCATION OF DDH. No. 88
 ASSESSMENT WORK TO BE APPLIED TO THE FOLLOWING
 NINE CONTIGUOUS MINING CLAIMS: T-31487, 31483,
 31482, 31561, 32224, 32220, 32223, 32221, & T-32209
 SOME OUT 31, '82