



31M05SE0010 18 LORRAINE

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# Diamond Drilling

Township OF LORRAINE

Report N<sup>o</sup>: 18

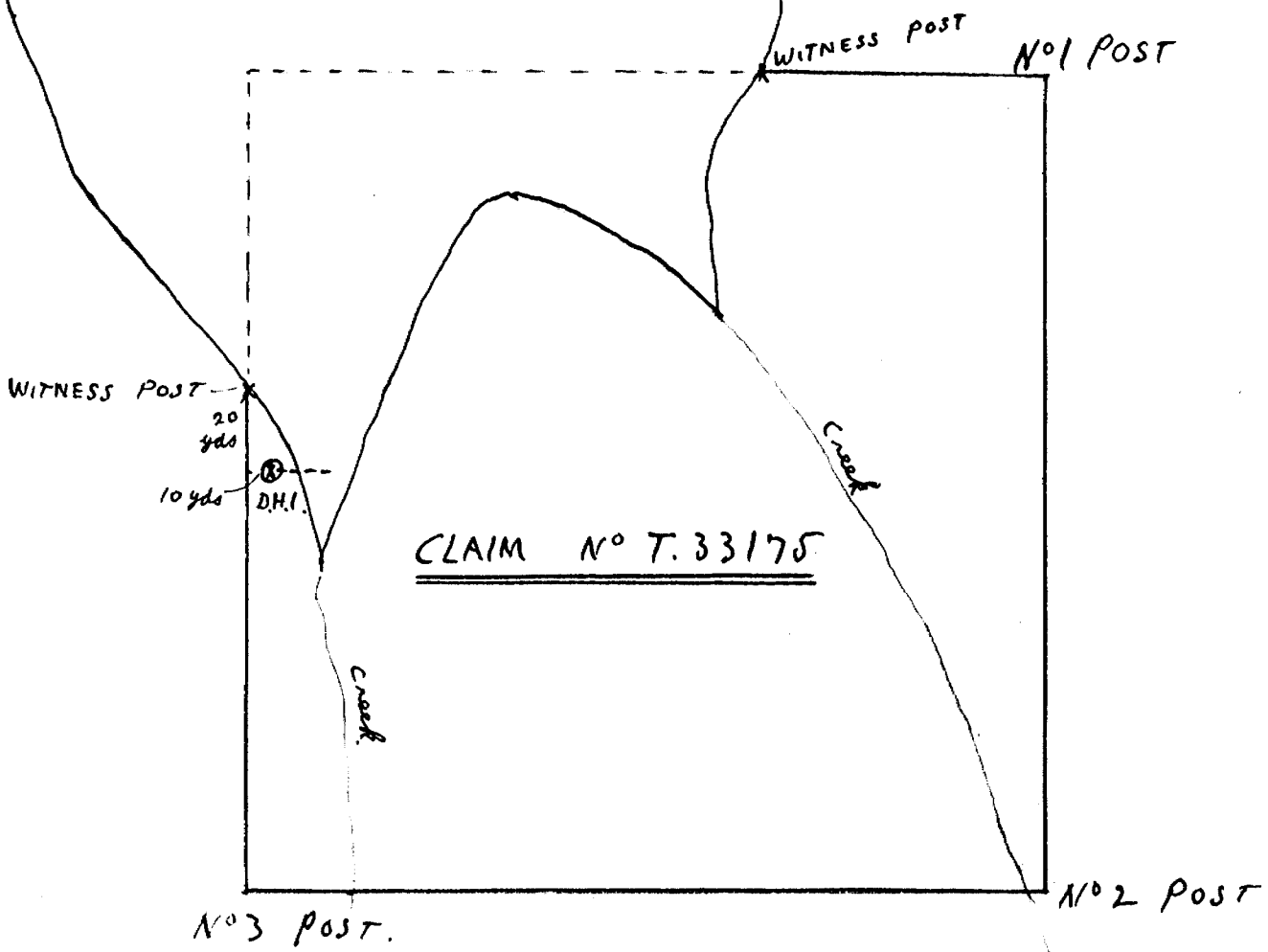
Work performed by: E. W. Burke

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
T.33175	1	240'	Aug/53	

Notes:



KIRK LAKE.



SCALE - 1 INCH TO 300 FEET

N.E. 1/4 of N 1/2 Lot 1 Con 9, Lorrain Township.

## CORE LOG

Hole No. 1, Mining Claim T.33175, Temiskaming, Aug 9th, 1953  
Lorrain Township. Drilling by Cloutier Bros, Cobalt.

DIRECTION OF HOLE - East, parallel to South boundary of Claim.

ANGLE OF INCLINATION - 45 degrees.

LENGTH - 240 feet.

No Overburden - No sedimentary beds.

TYPE OF ROCK - Very hard Cobalt red granite, large grained, for the full depth of the hole, Zero feet to 240 feet.

### SPECIAL FEATURES /

1. At footage 103 a seam of sand and water was struck, with an apparent width of five feet to footage 108, the sand consisting chiefly of powdered red granite. The water pressure was sufficient to force the water about six inches out of the hole. This seam is presumed to be the fault which runs down Cross lake, Kirk lake and Chown lake and the creeks joining them.
2. Slight mineralization of pyrite and chalcopyrite in the granite at footage 04 and on both sides of the fault from footage 92 to 103 and from 109 to 150.
3. Occasional  $\frac{1}{4}$  inch bands of white quartz as well as the usual large grains.
4. Core lost from footage 52 to 55 and from 87 to 89 and in other small sections.(possibly some in the fault.)
5. Occasional narrow bands of fine-grained pink or pinkish gray syenite as follows: Footage 74 - 5 inches; Footage 95 - 2 inches; Footage 110, east side of fault - 7 inches; Footage 116 - 3 inches; Footage 120 - 6 inches.
6. From footage 150 to 240, usual large grained red granite, much fractured and broken, the fractures mostly showing a yellow rust color. Cleavages in all directions.

Core logged by E. W. Burke, 118 Rochester Ave., Toronto 12, Ont.

Core stored mostly beside drill hole on property; some at 118 Rochester Avenue, Toronto.