

KIRKLAND LAKE MAP COLORS AT FAULT

New Departmental Map Not
as Clear as It Might
Have Been.

The bureau of mines has issued a new geological map of parts of the townships of Teck and Lebel, in the Kirkland Lake gold area. It is practically confined to the area between the Toupes Cakes on the northeast and the Elliott-Kirkland on the southwest. It does not extend north to the La Belle Kirkland, tho on the south side it covers the Montreal Kirkland and Canadian Kirkland. One does not need to be a geologist to appreciate the difficulty in distinguishing the ground formations. The differences in shading are so slight that the Keewatin schists look like the Timiskaming sediments. The gneisses and amphibolites are scarcely distinguishable from the sedimentary phyllites. The lamprophyres and seldoms take up the greater part of the

area, and owing to their age the camp looks more ancient than Matachewan. In the porphyry, the actual source of the gold, is the same in both regions. The largest body of porphyry shown on the map is at the Wright-Hargreaves, and in the view of many mining men this will be one of the biggest if not the biggest, producer in the camp.

Dabase dikes are not common at Wright-Hargreaves.

Kirkland Lake" when compared with Matachewan. One also misses the peridotites and the barite fluorite and scheelite. On the other hand, many of the veins at Kirkland Lake cut through the Timskaming sediments which are unfolded with the porphyries, whereas at Matachewan there is no mining in the younger sediments of the Cobalt series. The ore in the two regions is, however, very much the same because of the identity in its source.

There are no doubt serious difficulties in making satisfactory geological maps in advance of mining development. The present map does not touch the eastern half of Label, where much initial work has been going on during the present year; a good map would be a great benefit in exploration.

NEW HEALTH MOVEMENT

OPENS IN TORONTO

With the object of prevention rather than cure, following strictly along the lines of scientific effort, a new all-Canadian organization has just been incorporated under the laws of Ontario. The Life Protection Association of Canada, Ltd., and has opened roomy, well equipped offices and ex-

For a nominal annual subscription members will be entitled to a complete physical examination and a urinalysis report every four months, also periodical bulletins on personal hygiene. The result of the physical examination will go before the board of diagnosticians and the subscriber be apprised of the exact condition of his

A wide advertising campaign will be launched immediately after Christmas for the purpose of securing members thruout the Dominion. Already, the doors are only just opened, the

The only similar institution in existence is in the United States, and has proved a great success, with a large number of Canadian members.

The directors of the Life Protection Association of Canada, Ltd., are: Mr. E. L. Cousins, manager Toronto Harbour Commission; Mr. James E. Day

A Service

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