

ORIGIN OF MASSIVE SERPENTINE AND CHRYSOTILE AND ASBESTOS, BLACK LAKE THELLEFORD AREA, QUEBEC

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GENERAL GEOLOGY OF THE AREA.

The entire townships of the Province of Quebec have for many years been the center of the world's asbestos (chrysotile) industry. The deposits occur within a discontinuous belt of basic igneous rocks, which are through, in their course altered, to a greater or less extent, to serpentine, for which reason they are generally referred to as the "serpentine belt."

Up to the present time the main production of chrysotile has come from two separate centers along this belt, namely, Black Lake Thelleford and East Broughton. The mode of occurrence in these two areas is somewhat different; in the former, the material forms veins in which the fiber lies cross wise, while in East Broughton it occurs almost entirely as "slip fiber" in which