

have their source in the Corniferous limestones, rise through the Hamilton formation. The whole volume of this formation attains a thickness of about 300 feet.

THE PORTAGE AND CHEMUNG GROUP.

The strata of this group are wanting in Western Canada, with the exception of some portions of black bituminous shale, supposed to represent the Genesee shales. These black shales are met with at *Cape Ipperwash* or *Kettle Point*, in Bosanquet, on Lake Huron. These black shales contain so much organic matter as to take fire, and continue burning for a long time, after which the color is changed to brick-red. Black shales have also been found on the seventh lot of the third range of Warwick, and twentieth lot of the seventh range of Brooke. The Bosanquet shale yields, in distillation, about ten gallons of oil to the ton.