



SCHOOL FOR THE BLIND

may be judged of by the fact that it has in close relationship the three most valuable, iron, coal and gold. The initiation of extensive iron and steel works in directing attention to its large deposits of ore, and of fuel-yielding coke claimed to be the best in the world. Among other minerals more or less worked may be mentioned lead, zinc, silver, copper, manganese, gypsum, barytes, etc."

From data supplied by Mr. Ami of the Canadian Geological Survey Dr. Gilpin refers to the extent and ages of Geological strata as follows: "The Laurentian system is well developed in Cape Breton, occupying the more elevated portions of the island. The Huronian system is not yet recorded as occurring in Nova Scotia. The upper and lower Cambrian are represented, the gold-bearing series consisting of an upper slate, a lower quartzite formation being also referred to it. Strata carrying ores of iron are also referred to the upper Cambrian. The upper division of Sir R. Murchison's Silurian is extensively developed in Nova Scotia and along the northern

side of the Cobequid Mountains and at points from Nictaux to Wolfville this formation is noted for large de-



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posits of iron ore. The Devonian at Nictaux and Arisaig and at large areas in Cape Breton, Richmond and Gt. Brunswick counties contains deposits of both iron and copper. The carboniferous system is typically represented in Nova Scotia in the northern and eastern counties. The productive horizon is met in the counties of Cape Breton, Richmond, Inverness, Pictou and Cumberland. This is underlaid by strata of millstone grit, carboniferous limestones and lower or basal conglomerates.

"Higher divisions occur along the Straits of Northumberland and in the interior of Cumberland County apparently passing into the Permian. The Triassic system is represented on the Bay of Fundy and the Basin of Minas by beds of bright red sandstone and the Quarternary system records the glacial action which this province has been subjected to, in