

by a four mile portage. When the water is low the stream is too shallow in the upper part to float canoes, so that the portage is considerably lengthened.

Along Railway East and West of Crooked Creek.

On the railway line east of Crooked creek there is a Banksian pine plain burnt bare. South of the line there are several bare hills at a distance of one to two miles, and northward there is a range of hills 300 to 400 feet above the line, or about 1,500 feet above sea-level. One mile and a half east of the creek the soil is sandy on top, but is underlain by boulder clay of a greyish colour containing small boulders 3 inches to 4 inches in diameter, and in one place shows stratified sand and gravel. At two miles east of Crooked creek low hills close in on the line, the soil is poor, and the forest is nearly all destroyed by fire. This is the general character of the country to Trout brook. Trout brook empties into the Migiskan, a mile and a quarter below the portage to Millie lake. It is bordered on both sides by ranges of high hills, some of which rise to a height of 1,600 feet or more above sea-level.

In following the railway line west from Crooked creek the first four miles is through open muskeg, some of it very wet, interspersed with areas of spruce swamp. Hills of considerable height rise to the north of the line three miles west of the creek. These hills are two or three miles distant and are well wooded. The country bordering on Sunday creek is drier and has some good spruce forest.

Millie Lake.

Millie lake is an expansion of the Migiskan river. It lies in a northeasterly direction, and for nine and a half miles is from a mile to a mile and a half wide. Above this it narrows to a quarter of a mile in places, but seems to continue at the same level three or four miles. It is a beautiful lake, with many sandy beaches and points, and is everywhere surrounded by rounded hills, which rise to a considerable height. They are generally well wooded. Through depressions between the hills several streams enter the lake. The principal of these from the south are Cedar creek, Smoky creek, and Bear brook. From the northwest there is only one large stream, which enters near the north end and rises not far from Crooked creek.