

BEREN'S LANDING.

Before concluding this paper, permit me to direct your attention for a few moments to Beren's Landing on the mainland, almost directly east of Swampy Island. As you enter this place you are struck with the tortuous nature of the channel. Great outliers appear along the shores in striking contrast with the shallow places on the west side of the lake. This may be accounted for as follows:—

The limestone, if left as an outlier, soon wears away, and shallow water remains; while on the east coast, which is hard crystalline rock, if through long years of denudation it becomes cut off from the shores, it does not wear away readily, but remains as an immense rounded rock separated from the mainland. This recalls the appearance of the islands in Lake Muskoka and others in the district of the Laurentian system, studded with islands upon which time exerts but little influence. Hence the scarcity of islands in Lake Winnipeg, whose waters have to a great extent been wearing on a limestone bottom and shore.

Near the Hudson Bay Post at this place on the rocks which form the north bank of Beren's River, are excellent illustrations of glacial *striae*.

Immediately below the Fort they are north-east, but a short distance west they are north-north-east. Several observations were made, and all indicated a north east direction. These rocks are very smooth with rounded surface, and afford good examples of the so-called *Roches Moutagnees* of glaciated districts. This concludes a report of my investigations on Lake Winnipeg; if what has been written proves of interest to the Society, and adds to the already valuable information in its possession bearing upon the geology of the great Northwest, the writer has been amply repaid for the time and labor his work has entailed.