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formed of fine blocks of a peculiar granite. The peculiarity arises from the prevalence of large crystals of red feldspar in a base of quartz, black mica, and red feldspar.

NEPISIGUIT RIVER.

We were urged to examine the copper mines on this river.

On our way we came to the I. C. R., about six miles above Bathurst. Here the navvies were hard at work cutting into a deep deposit of drift, consisting of the very coarsest material with overlying clays and sands. I now notice these by the way.

The principal work here is the construction of even a grander bridge than that of Tattagouche, over the Nepisiguit. The great columns are of the porphyritic granite, already described. Here they have the solid granite for their foundation. This granite is splendidly exposed on the river, and it is quarried on its sides. The granite band is exposed down the river as far as the Rough Waters, about three miles above Bathurst. Proceeding about three miles farther we cross the Pabineau river, and come to the Pabineau Falls, on the Nepisiguit.

The exposure of granite is extensive. The great riven rocks rounded, with the great rush of waters dashing and splashing, are indescribably striking. The mosquitoes came in clouds, marring enjoyment. The granite is homogeneous. We had passed over the porphyritic. I was interested in the *pot-holes*. These were hollowed out in the solid granite by the revolving of boulders by the agency of the rushing waters. Some of them are large, round, deep and entire, with the rounded boulders at rest in the bottom; others surviving only in part, the revolving and excavating boulders having worn their way out of the sides of the pots, to be hurried away with the rushing waters. I examined them and collected specimens in spite of the mosquitoes. About two miles farther we had passed over the band of granite. The bands of rocks succeeding were examined on the side of the river opposite the Copper Mines.

Owing to a disaster—the maddening of our horses by swarms of horse flies—their rushing into the water, smashing our carriage, and a similar treatment of the horse and carriage of our guide,