

## DISTRIBUTION OF POTSDAM SANDSTONE.

The recent surveys made by the railway engineers between Rideau and Elgin emphasize the suggestion I have elsewhere made that the Potsdam sandstone has probably had a wider distribution throughout this Laurentian isthmus than was at first supposed. After leaving Rideau Station on the Grand Trunk Railway, the sandstone is met with on lot 9 in the 4th concession of Pittsburg whence it continues to lot 11 in the 5th concession. The beds furnish an excellent building stone. It appears again in the middle of lot 12 in the 5th concession and continues to lot 15 in the same concession when the gneiss again takes its place. Further on, at Brewer's Mills, a few feet of sandstone cap the low Laurentian ridge to the north of the locks, and at the outlet of and at places around, Loughborough Lake a few miles farther north, and also around Knowlton Lake, it is also found. Immediately beyond Morton, on lots 4 and 5 in the 5th concession of South Crosby, and at Jones Falls it reappears, at the latter place forming cliffs of about 70 feet in height. The splendid locks and dam at Jones Falls are built of sandstone. East of Morton it probably underlies the broad stretch of flat country lying between that village and Lyndhurst and thence towards Seeley's Bay. Beyond Lyndhurst about Bass Lake and on the north side of Charleston Lake, it is also met with. On the north western side of Lower Rideau Lake and continuing to Perth and thence north to about the Mississippi River within a short distance of Lanark, there is a broad display of the Potsdam sandstone. It appears also in South Fimsley, and at Portland in Bastard has been used as a building material, though the upper rocks in this vicinity may be of calciferous sand rock. Among and in the neighborhood of the Thousand Islands, the Potsdam sandstone occurs at one or two points on the St. Lawrence side of the Township of Pittsburg, at and around Gananoque, on the lower end of Howe Island, and on Hay, Tidds, and parts of Round and Wellesley Islands, whilst farther down the river, it appears near Alexandria