

Rivers, but at this place they are overlaid by horizontal beds of the Califerous limestone which show at several points in the town and along the river up to Braeside to the south of which, however, the fossiliferous ledges of the Black River formation are seen and are well worthy of study, several quarries being located in its strata. A little farther west, to the south of Sand Point, excellent opportunities are also presented for collecting the characteristic fossils of the formation, the beds holding *Tetradium fibratum* being well developed about a mile south of the last named place.

The bluish-striped limestones of Arnprior, and of the section thence to Renfrew, belong to what has been called the Hastings Series; and by crossing the Ottawa River by the ferry from Braeside, their continuation into the province of Quebec can be readily seen, the association of striped crystalline limestone, hornblende rocks and dolomitic and other schists being well exhibited, so that this locality is a very interesting one from the geological standpoint. The celebrated Iron mines of Bristol are situated in the rocks of this series on the Quebec side of the Ottawa.

Between Arnprior and Glasgow, the next station, the road traverses an area, largely clay covered, but ridges of the peculiar bluish-striped crystalline limestone, which is extensively quarried at Arnprior, occur at intervals. At Glasgow, however, these are cut off by a well pronounced area of reddish granite which crosses the track and extends northward for several miles. In its westward extension this granitic belt has a breadth of several miles on the Renfrew and Burnstown road and is an important geological feature in this area. From Glasgow to Renfrew, the rocks, where exposed, are alternately granites and crystalline limestone, the latter predominating as Renfrew is approached. At this latter place extensive quarries are in operation in the limestone and large quantities are extracted, both for building and for burning to lime, for both of which purposes it is well suited.

West of Renfrew an extensive clay flat extends up the