

From Carp to Kinburn, which is the next station, going west, the country is clay covered and rock ledges do not appear; but the Black River limestones continue to the south, and about two miles east of Kinburn, on the road north of the railway, a large quarry in this rock affords excellent opportunities for collecting the characteristic fossils of the formation. South of Kinburn station a drive of six miles over a good road brings one to Pakenham, where the Black River formation is also well exposed on the Mississippi River and where fossils can be obtained in the bed of the stream at low water in great abundance. This is an excellent locality for their study and very convenient of access. Thence towards Galetta, the road, after following the valley of the Carp River for a mile or so, enters the low ridge of the Laurentian again and furnishes a good opportunity for observing the relations of the granites, gneisses and associated limestones till Galetta is reached. These rocks can also be well seen at this latter place and the intrusive dykes are easily recognized. About a mile and a half from the station on the road to Fitzroy Harbor, and a short distance north of the channel of the Mississippi, an old opening in limestone for a lead mine is an interesting point for mineralogical study, the association of the eruptive dykes being well seen at this place.

At Fitzroy Harbor, four miles from Galetta, are the celebrated Chats Falls, probably the most beautiful in the whole course of the Ottawa River. The water falls in a series of cascades over a huge dyke of granite extending across the entire channel of the river which here has a breadth of two miles or more, thus furnishing a magnificent water power, destined at no distant day to be utilized, and equal in economic importance to that of the Chaudiere in this city. This locality is a very interesting one to the geologist since the crystalline limestones are here largely developed and there is also a great variety of intrusives associated with them.

The crystalline limestones extend to Arnprior, which is situated at the junction of the Madawaska and the Ottawa