

which is also found at a number of places in the vicinity of Ottawa, and which has been somewhat extensively mined in recent years. Good illustrations of its mode of occurrence are found at the mines on the east bank of the Gatineau, a short distance below the Pagan Falls. The intrusive character of the diorites and granites can also be well studied at this place, which may be said to form one of the most attractive spots for excursions in the Gatineau River area.

In the rocks at Old Chelsea opportunities were afforded for the study of the mica and apatite deposits, while small quantities of serpentine and rensselaerite are found just at the forks of the road to King's Mountain. A handsome variety of red jasper, from which fine specimens can be obtained, is found in the vicinity in connection with one of the mica mines, and certain dykes of pyroxene just to the north of Mr. Chamberlain's house, furnish large numbers of pyroxene crystals, of which good specimens can readily be collected. This locality is also a very interesting one for geological work, and will readily furnish matter for study for several excursions in this branch of the Club's work.

The deposit of sands and clays in the cuttings north of Chelsea station, on the Gatineau Valley railway, contains marine shells from which collections were obtained by members of the Club, and has already been referred to in a previous report.

The limestone of Galetta resembles closely that of the Pagan and Chelsea. Dykes of syenite and diorite cut these at many points, and one of these, crossing the Ottawa River at the Chats, near Fitzroy Harbor, causes the long chain of falls opposite that village, which is regarded as one of finest pieces of broken water anywhere on the Ottawa. This limestone is probably the extension of the same belt seen on the Gatineau, though its continuity is broken by great masses of syenite north of the River Ottawa. At one place, about a mile north-east of Galetta Village, a deposit of galena once mined, can be seen in the limestones in close proximity to a large syenite dyke which here cuts the strata.

R. W. ELLS,
W. F. FERRIER,
H. M. A. .