

outcrops of the Calciferous limestone, and these at the latter place pass upward into the basal beds of the Chazy, which here consist of coarse greenish grits and fine conglomerates. The Chazy strata thence extend along the south shore of the Ottawa to the mouth of the Mississippi at Fitzroy Harbor, where they again rest upon the Calciferous limestone. The Chazy limestones are well seen in a part of this section, coming in on the hill to the south of Berry's Wharf, and also along the shore several miles west of this place, whence they extend to the western line of Torbolton. On the north side of the river the shales are exposed at the village of Quyon, resting upon the Calciferous which forms a narrow fringe along that part of the river. Nearer the city the shales are visible at Aylmer and along the north shore as far west as the cove near Breckenridge station on the Pontiac and Pacific railway; a small selvage of the Calciferous limestone occupying the shore below high-water mark, in the upper part of this distance. East of Aylmer the shales extend to a point about two miles east of Conroy's Mills at Du Chene. They are also well seen along the line of the Electric railway till they are overlapped by the Chazy limestones west of Tetreauville. They do not appear along the north side of the Ottawa below this point with the exception of a very small outcrop along the road in Tetreauville near the fault between the Trenton and the Black River.

East of the city the Chazy comes prominently into view a short distance west of the Gatineau Ferry landing at Rockliffe. The contact between the Chazy shales and the Trenton limestones is indicated by a fault of considerable extent which is about ten chains west of the ferry landing, the nodular limestones of the Trenton there coming to the surface. Limestones, apparently all of Trenton age thence occupy the shore to the western side of the point below the upper ferry wharf, where they are in contact, also by a fault, with the Trenton limestones of New