

the numerous islets which here occupy the channel, and this line of disturbance continues through the western portion of Hull. Along the Creek in the Beaver meadow, north of this place, a number of outcrops of Trenton limestone appear which are tilted at a moderately high angle, and this line of disturbance continues to the head of the Fairy Lake, where several faults are evident. Thus, on the east side of the lake, strata of the Chazy shales, the Black River limestones and the Trenton can all be seen, while on the west side, descending the escarpment, not far from the south-west angle of the lake, tilted beds of Trenton are again exposed. These rest upon the Black River beds which can be followed thence to Tétreauville.

Along the river in front of the city, several small faults can be observed. One of these is to the west of the bluff on which the Parliament Buildings are placed, but this affects the beds of the Trenton only. At the end of Nepean point also, there is a small local area of disturbance in the usually horizontal strata of this place, but the displacement is apparently only slight. The faulted character of the beds between New Edinburgh and Rockcliffe where the disturbances affect the Chazy and the Trenton has already been referred to.

In the area to the south of Clarkstown, near the entrance to Beechwood cemetery, a well defined fault can be seen near the angle of the road opposite the greenhouse. This fault brings the Utica shales against the Chazy, and is probably one of the most extensive in the Ottawa basin, as the Trenton and Black River formations have both disappeared.

One of the most interesting places at which one may readily study the Palæozoic formations of this district and also within easy reach of the city, is at the village of Rockland, about thirty miles down the river. At this place the whole series from the Laurentian to the Trenton can be well seen within the space of a couple of miles. The Archæan shews in a small outcrop in the vicinity of the steam mills near the wharf, and is there covered over by the basal or arkose beds of the Potsdam sandstone.