

of the water-eaten margin of the mass of ice which lay over the Fort Edward district at the latest stage in the delta construction.

It was probably at this stage that the terrace of coarse gravels lying at the base of Palmertown mountain was deposited. An intermediate stage is marked by the small terrace on the flank of the Hartman terrace lying on the north bank of the river just within the Adirondack gorge of the Hudson.

Afterward followed the several stages of broad terrace building described as margining the Fort Edward district on the west, ending in the delta which spreads forward from the mouth of the Adirondack gorge toward Glens Falls on the south side of the river. The ice front or at least the southern margin of the remnant which lay over the district may have lain along the northern bank of the Hudson from the gorge toward and beyond Glens Falls, preventing the delta from building on the north side of the present channel. As the ice shrank away from the delta along its front, the stream fell into the depression thus made and so found its way across the limestones and shales past Sandy Hill to the old gorge at Fort Edward, thus establishing the connection of the Adirondack-Hudson with the main channel.

*Delta of the Mettawee river.* The Mettawee river crosses the northeastern part of the Fort Ann quadrangle in Granville and Whitehall townships. In the western part of Granville the roughened plateau of eastern New York falls off to the lower levels of the town of Fort Ann within the clay-covered ground east of Wood creek. Clays cover the surface up to approximately the 300-foot contour line. Opposite the valley of the Mettawee, within the eastern plateau in the vicinity of West Granville, a gravelly and sandy delta of the Mettawee has a small development much less extensive than the deltas of the Batten kill and the Hoosic river farther south.

The head of this delta is about 320 feet in its present elevation above the sea, passing into terraces at North Granville which rise gradually up the valley and attain a level of 400 feet at Middle Granville. The delta slopes gently outward to the 300 foot contour north and south of West Granville and there gives way to the clays which mantle the lower grounds northward to Whitehall and southward into Hartford. It is safe to assume