

feet above the sea. The terrace has a distinct westward extension along the path now followed by the Moordener kill, and has the form of a delta built by this stream at this level but at a time when remnants of the ice sheet still filled the bottom of the Hudson valley in this region. The evidence of this lingering ice is found in several remarkable kettle holes bordering the stream and in the contour of the western front of the terrace which is strongly suggestive of an ice contact slope [see pl. 8].

The kettle holes in the delta are broad deep depressions with ice contact slopes having narrow gaps in each case on the side toward the stream. Two of these kettle holes are north of the stream, a large one forms a deep reentrant on the south bank. This last kettle hole is depressed below the rim of its outlet gap but contains no standing water because of the permeability of the gravels. North of the Moordener kill and south and west of the Schodack road, kettlelike depressions in the plain indicate the extension of the ice remnants in that direction. Yet another broad depression lies on the north side of Vlockie kill at the base of the hilly ground; and still another depression occurs to the south of this brook.

Moordener kill has partly dissected this high level delta terrace and sunk its bed on the rock at three points between 120 and 150 feet above the sea. The thickness of the deposit is evidently about 100 feet.

Northward the delta terrace is traceable as a narrow shelf of drift to and beyond East Greenwich, where on the west of the turnpiked road kettle holes again appear indicating deposition in the presence of masses of ice. Beyond this point, north of Mill creek, the terrace is not definitely traceable. Southward the terrace front retreats toward the hilly country and is not more than $\frac{1}{2}$ a mile wide where traversed by Vlockie kill, and it extends south of this stream between the low till-covered hills to an apparent end at the southern limit of the Troy quadrangle.

The slope by which this terrace drops off to the level of the broader and smoother terrace adjacent to the Hudson river is singularly regular specially between Moordener kill and East Greenwich. At a few points along this slope the topography bears indubitable evidence of having been molded in the presence