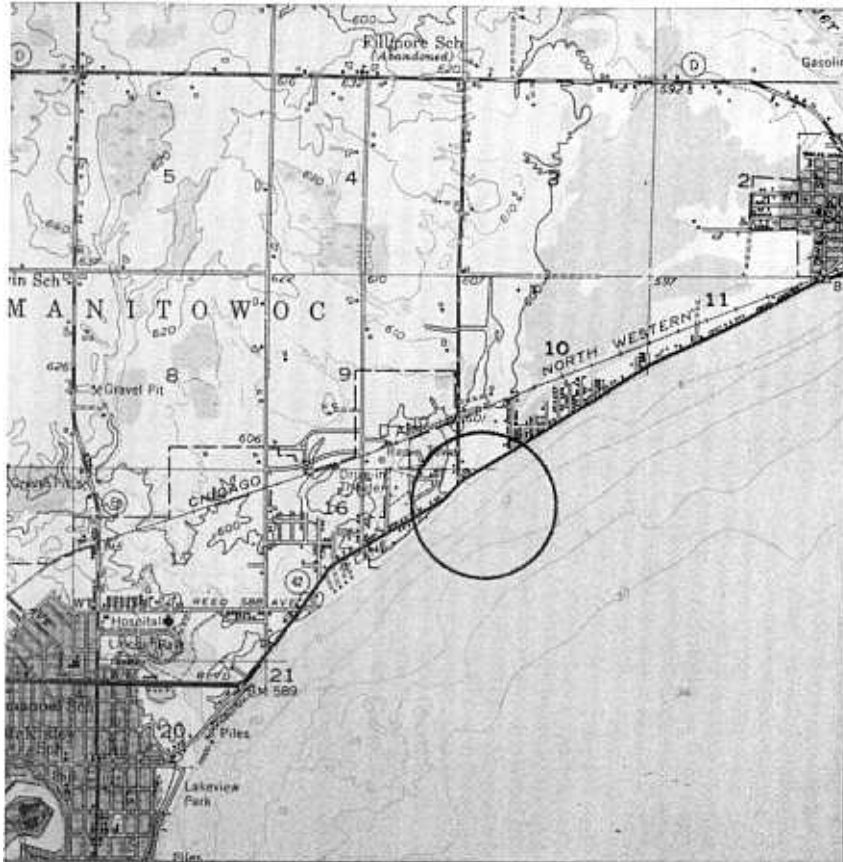


Title: Algonquin-Nipissing Lake Plain

Location: NE 1/4, Sec. 16, T. 19 N., R. 24 E., Manitowoc 15' Quadrangle, Manitowoc County. Park in rest area off Hwy. 42 and walk down path to Lake bluff. Rip-rap may cover this section in the future.



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Description: The bluff is low here because lake levels were at this level (605') twice since glacial time. This area has been eroded by waves so much of the stratigraphic section is truncated. At the base of the bluff a sandy, bouldery till is present. This is overlain by at least one, and possibly two red tills. Note how the tills are truncated by the overlying lake sand in the northern parts of the cut exposure truncate the till units creating an unconformity. It is clear that erosion preceded disposition of the sands. Most of the shore along this terrace is protected by revetments of rip-rap.

Significance: We are in the Two Rivers Lowland, just south of the Two Rivers Moraine. According to Evenson (1973; Mickelson and Evenson, 1975; Evenson, et al., 1976) this lowland was not crossed by post-Twocreekan ice. Tills here and to the south have been examined by Acomb (1978) and the compositions of the clay fractions differ from that of the Two Rivers till. Note the various attempts at erosion control along this stretch of shoreline.

References: Thwaites and Bertrand, 1957.