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GEOLOGICAL AND NATURAL HISTORY SURVEY
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NEW WATER SUPPLY AT WAUPACA, WISCONSIN

by

O.J. Muegge and E.F. Bean

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This investigation was made in company with Louis D. Siebert on August 5, 1949. The purpose of the investigation was to select certain sites where test drilling is recommended. The principal factors considered in making the selection were the glacial geology, the relationship to existing larger mains, and locations at a sufficient distance from the existing well to obviate any danger of interference.

We believe that exploration should be concentrated in outwash areas. Here sand and gravel are usually well stratified and relatively free from boulders. The following sites are recommended for consideration in the order listed.

1. The level outwash area anywhere within 500 to 600 feet of the intersection of Clarke and Eighth Streets.

2. The kettle in pitted outwash at a point 700 feet south and about 100 feet east of the intersection of West Fulton and Harrison Streets.

3. On the solid ground in the north part of the property owned by the city west of South Washington Street. At this location no consideration should be given to a well in the swamp.

All test wells should be drilled to granite and samples collected as outlined in the enclosed directions. We suggest that two sets of samples be kept; one to be sent to the State Geological Survey, and the other kept by the city for study by well drillers who bid on the drilling of the final well.