

EXPLANATION

Approximate extent of buried outwash deposits
Dotted where covered. Queried where uncertain

Area 1
Water from glacial drift at depths of 27 to 180 feet. Main body of outwash deposits at about 120 feet; maximum thickness about 55 feet. Temporary test well yielded about 800 gpm for 24 hours. In most places in this area, water adequate for domestic and stock use may be obtained from glacial drift overlying main outwash body

Area 2
Most wells tap glacial drift, a few tap Precambrian bedrock. Wells range in depth from 53 to 200 feet. Main body of outwash at about 70 feet; maximum thickness about 27 feet. A sustained yield of about 250 gpm has been obtained from it. In most places, water adequate for domestic and stock use may be obtained from glacial drift overlying and underlying main outwash body

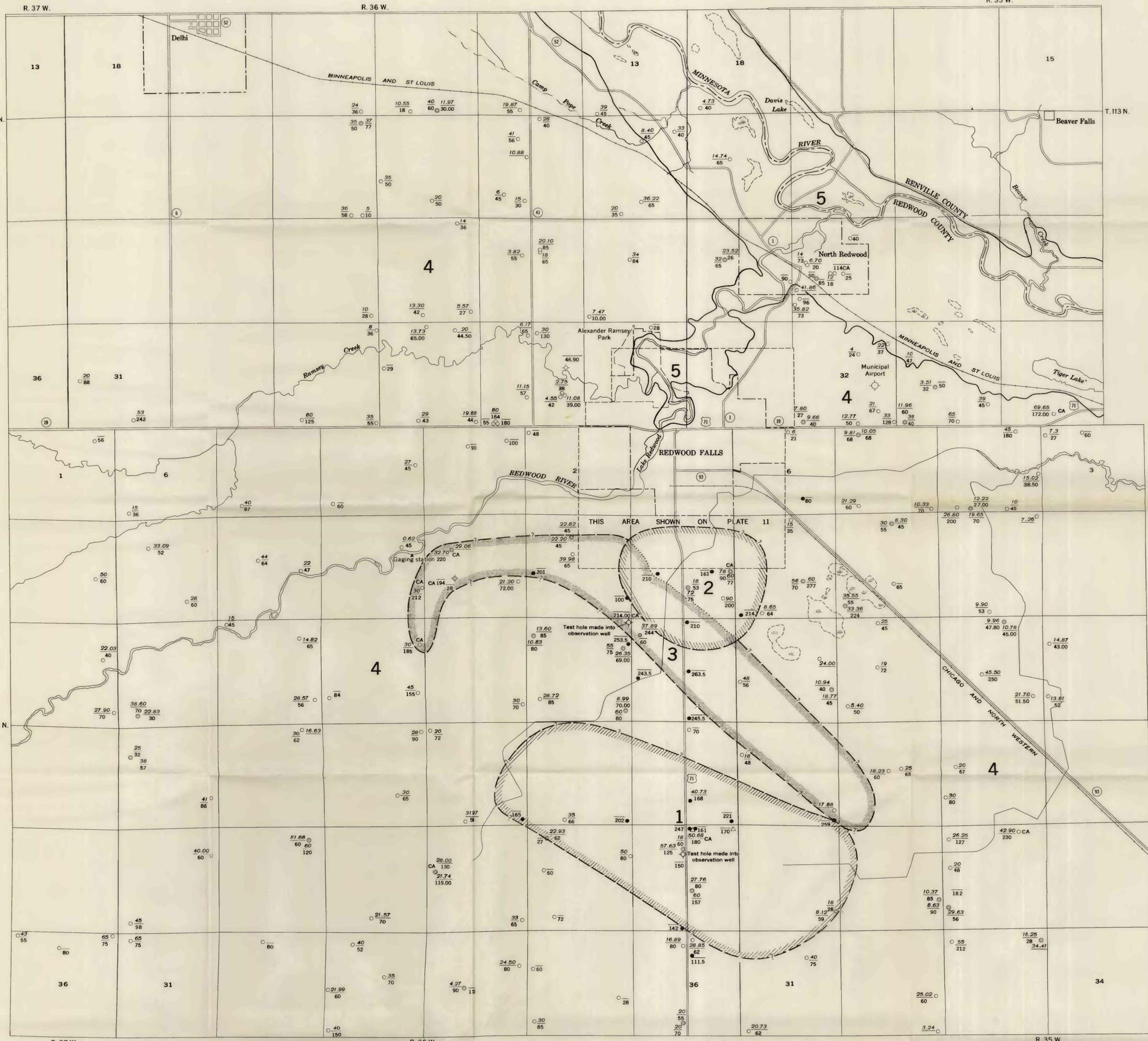
Area 3
Most wells tap glacial drift, a few tap Precambrian bedrock. Wells range in depth from 28 to 244 feet. Main body of outwash at about 150 to 200 feet; maximum thickness about 44 feet. Has yielded about 85 gpm. In most places, water adequate for domestic and stock use may be obtained from glacial drift overlying main outwash body

Area 4
Most wells tap glacial drift, a few tap Precambrian bedrock and Recent alluvium. Wells range in depth from 10 to 250 feet. In most places, water adequate for domestic and stock use may be obtained from drift. In places, small supplies may be obtained from the drift, small supplies can occasionally be obtained from Precambrian bedrock. See section entitled, "Availability of water" for discussion of possibility of obtaining large yields

Area 5
Most wells tap Recent alluvium and Precambrian bedrock. Wells range in depth from 18 to 114 feet. May yield small supplies in places and no water in others

Water level and depth of well
Upper number is depth to water in feet below land surface. Lower number is depth of well in feet. Depths shown to tenths or hundredths of a foot are measured; all others are reported

- Domestic, stock, or unused well
- ⊙ 2 wells
- △ Municipal well
- ⊕ 86.90 Observation well
- Number is depth of well. See hydrograph for water levels
- 161 Test hole
- Number is depth of test hole in feet below land surface
- CA Chemical analysis included in text



Base for area covered by U. S. Geological Survey topographic quadrangle Redwood Falls, Minnesota, 1952. Base for remainder of area is aerial photographs at a scale of about 1:20,000

Hydrology by G. R. Schiner and Robert Schneider, 1961

MAP OF REDWOOD FALLS AREA, REDWOOD COUNTY, MINNESOTA, SHOWING AVAILABILITY OF GROUND WATER
LOCATION AND DEPTH OF WELLS AND TEST HOLES, AND DEPTH TO WATER

