EXPLANATION

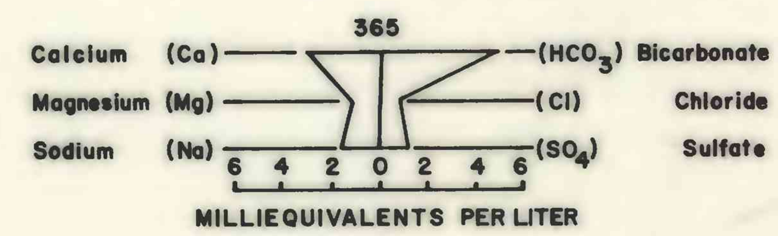
APPROXIMATE LIMIT OF SATURATED ALLUVIAL DEPOSITS

WELL SAMPLED IN 1979

○ Domestic well

● Augered test well

WATER-QUALITY DIAGRAM



Number above diagram is dissolved-solids concentration, in milligrams per liter. Stippled diagram represents the shallower of two wells at same location

Base from U.S. Geological Survey
East Helena and Helena 1:62,500, 1950
Regulating reservoir as of 1965

1 ½ 0 1 2 MILES

1 .5 0 1 2 3 KILOMETERS

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP SHOWING DISTRIBUTION OF MAJOR IONS IN WATER FROM SHALLOW AQUIFERS, 1979, HELENA VALLEY, MONTANA