R. 4 W. 112°05' 112°00' R. 3 W. 111°55' R. 2 W.

T. 11 N.

T. 10 N.

46°40'

46°35'

EXPLANATION

APPROXIMATE LIMIT OF SATURATED ALLUVIAL DEPOSITS

500 LINE OF EQUAL SPECIFIC CONDUCTANCE (1979)--Dashed where approximately located. Interval 100 micromhos per centimeter at 25 degrees Celsius

SPECIFIC CONDUCTANCE, IN MICROMHOS PER CENTIMETER AT 25° CELSIUS, FOR WELL WATER SAMPLED IN 1979

521 Domestic well

357/444 Augered test well

Where two values are given, upper value is for shallower well and lower value is for deeper well

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

1 1/2 0 1 2 MILES
1 5 0 1 2 3 KILOMETERS

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP SHOWING SPECIFIC CONDUCTANCE OF WATER FROM SHALLOW AQUIFERS, 1979, HELENA VALLEY, MONTANA