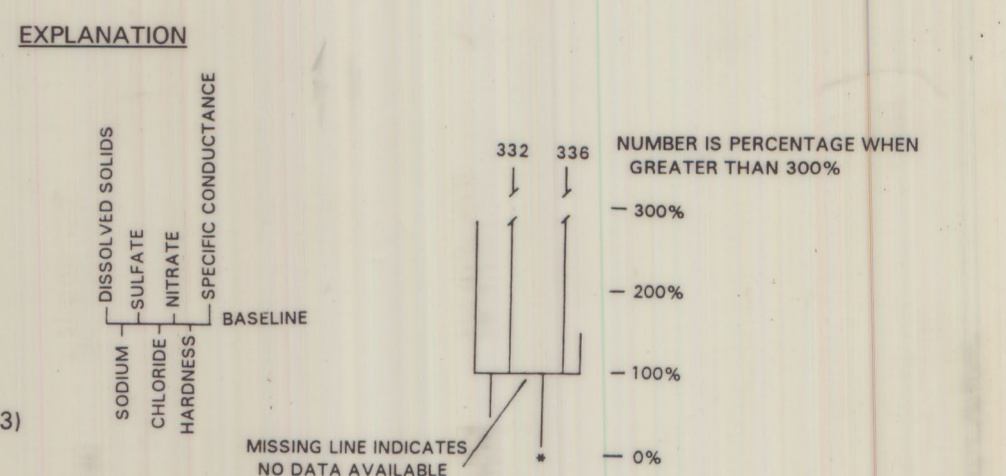
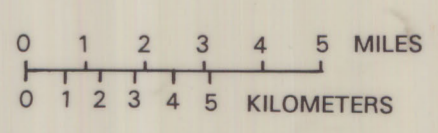


- GEOLOGIC UNITS**
- Qu Quaternary deposits
 - QTs Santa Fe Group
 - Tv Tertiary volcanics
 - Td Datil Group (Osburn and Chapin, 1983)
 - Tb Baca Formation
 - Kcg Crevasse Canyon Formation and Gallup Sandstone
 - Ts Triassic rocks
 - Tc Chinle Formation
 - Ps San Andres Limestone
 - Py Yeso Formation
 - Pa Abo Formation
 - Pb Bursum Formation
 - TPu Pennsylvanian rocks



The baseline diagram is used to display ground-water quality information in Socorro County. The baseline (horizontal line) represents the maximum (100 percent) acceptable level of chemical constituents in drinking water set by the U.S. Environmental Protection Agency. The lines extending from the baseline represent deviation from the baseline. The lines below the baseline indicate water has less than the maximum acceptable level of chemical constituents allowed in drinking water whereas lines above the baseline indicate the water has more than the maximum acceptable level of chemical constituents in drinking water.

CONSTITUENT OR PROPERTY	CONCENTRATION AT BASELINE, IN MILLIGRAMS PER LITER
Dissolved solids	500
Sodium	200
* Sodium and potassium	200
Sulfate	250
Chloride	250
Nitrate (as N)	10
* Nitrite and nitrate (as N)	10
Hardness	350
Specific conductance	1,000 microsiemens per centimeter at 25 degrees Celsius



Base from U.S. Geological Survey
1:100,000 quadrangles

MAP SHOWING LOCATION OF SELECTED WELLS AND SPRINGS WITH BASELINE DIAGRAMS AND SPECIFIC-CONDUCTANCE VALUES