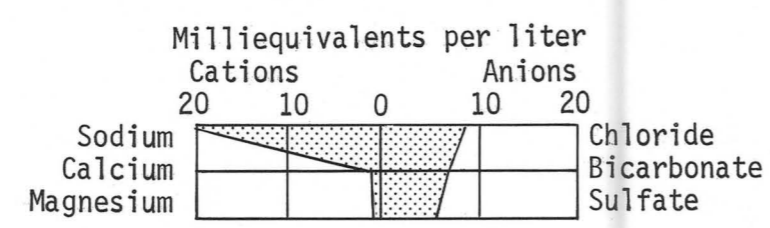


EXPLANATION

**ST-523**  
 7R(1969)  
 5023  
 2260  
 1.8

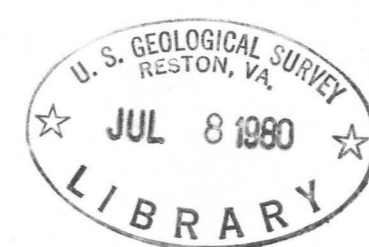
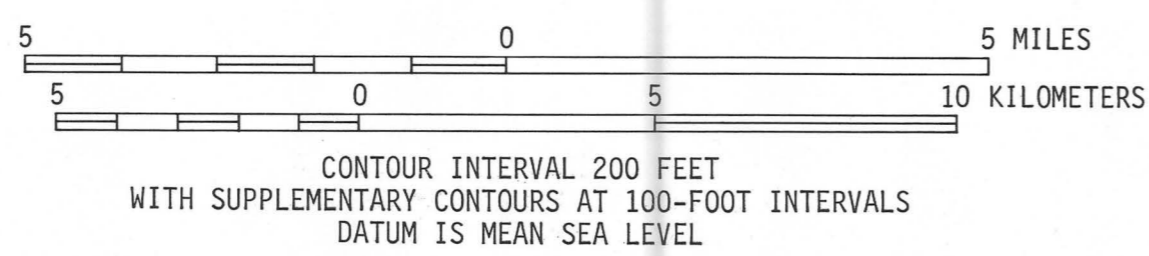
WELL THAT PENETRATES THE ALLUVIUM—First entry, ST-523, is well number or name assigned by the Navajo Tribe; well numbers are not shown for off-reservation sites. Second entry, 7R(1969), is depth to water in feet below land surface [R, depth to water reported; M, depth to water measured; (1969), year in which water level was determined]. Third entry, 5093, is altitude of the water level in feet above mean sea level. Fourth entry, 2260, is specific conductance in micromhos per centimeter at 25°C (specific conductance is an indication of the dissolved-solids concentration in water). Fifth entry, 1.8, is fluoride concentration in milligrams per liter.

CHEMICAL-QUALITY DIAGRAM—Shows major chemical constituents in milliequivalents per liter. The diagrams are in a variety of shapes and sizes, which provides a means of comparing, correlating, and characterizing types of water.



DS=3010  
 DISSOLVED SOLIDS—Number, 3010, is dissolved solids in milligrams per liter.

ARBITRARY BOUNDARY OF GROUND-WATER AREA



BASE FROM U.S. GEOLOGICAL SURVEY  
MARBLE CANYON 1:250,000, 1956-63,  
FLAGSTAFF 1:250,000, 1954, AND  
HOLBROOK 1:250,000, 1954

80-3  
 M(200)  
 R290  
 80-3  
 Sheet 4  
 C.1  
 open file does not circulate