

Figure 16.--Percentages of chemical constituents in ground water and surface water

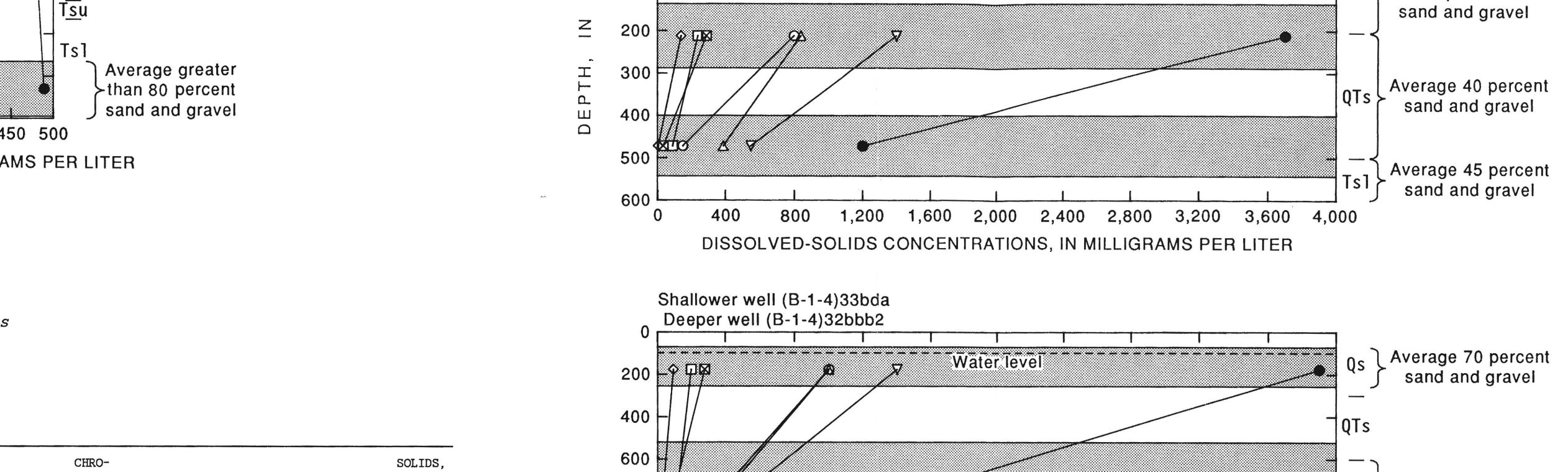
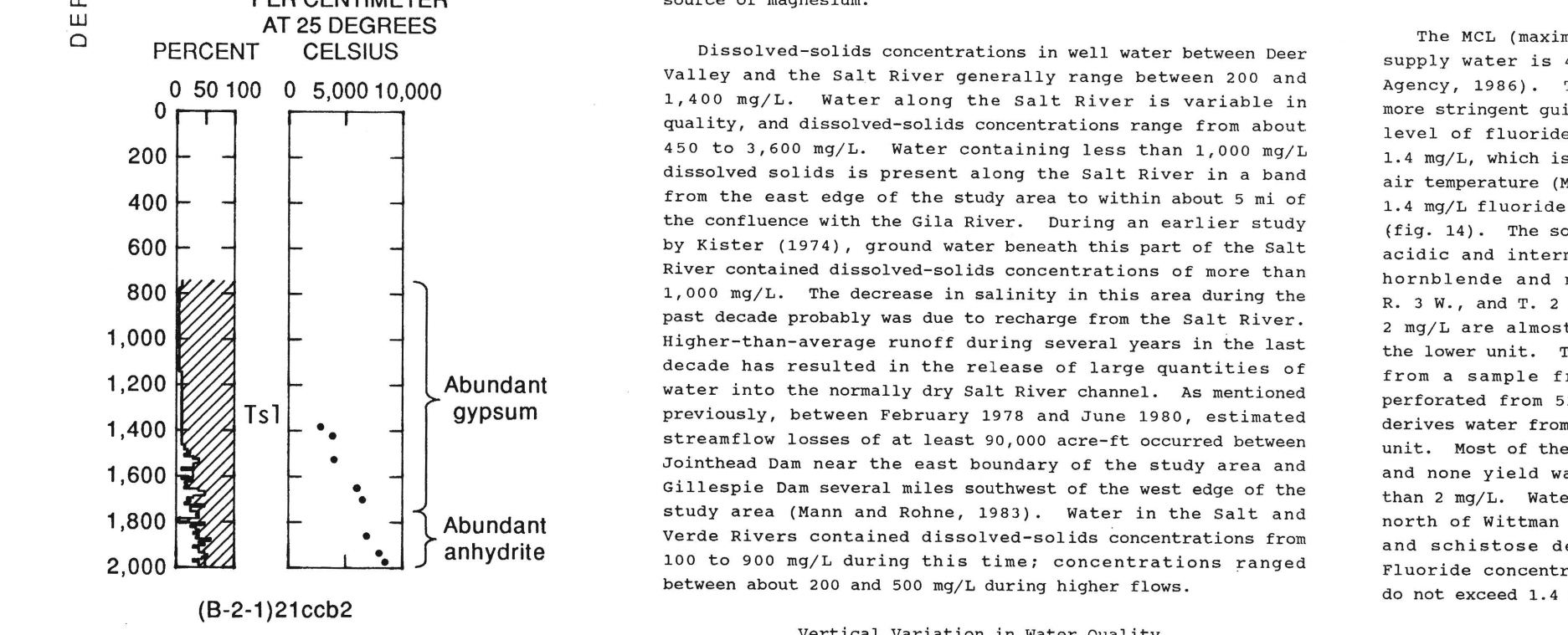


Table 2.--Chemical analyses of water from selected wells

Ft, feet; °C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; µS/cm, microsiemens per centimeter at 25° Celsius; <, less than; ----, indicates no data]



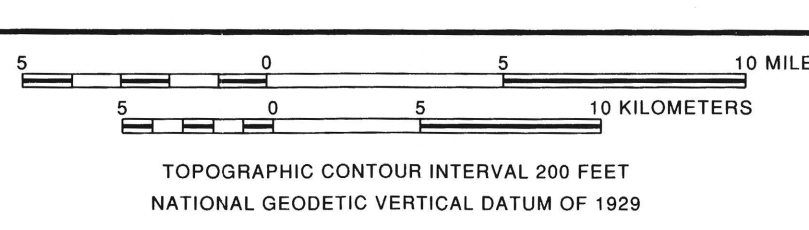
nt DE (B-2-1)21abb (B-2-1)210002 Vertical Variation in Water Quality

Water-quality variations with depth are significant but, on a basinwide scale, generally are not as large as areal variations within a unit. The variation of major ions and dissolved solids with depth were examined using either data from adjacent wells drawing water from different depths or depth-specific samples from a single well (fig. 17). Water



Figure 18.--Variation of specific conductance in ground water

Figure 17.--Variation of selected dissolved constituents in ground water with depth.



HYDROGEOLOGY OF THE WESTERN PART OF THE SALT RIVER VALLEY AREA, MARICOPA COUNTY, ARIZONA