

**Table 3.--Depth to water in boreholes, Post Headquarters and adjacent areas, 1985 - Concluded**

Borehole number	Location	March-April 1985 (feet below land surface)	August-September 1985 (feet below land surface)
B-49	22S.5E.09.113	202.84	--
B-50	22S.5E.07.242	308.08	307.48
B-51	22S.5E.26.312	147.34	146.30
B-52	22S.5E.09.113	211.10	211.05
B-54	22S.5E.16.111	230.03	229.98
B-55	22S.5E.09.113	213.65	214.79
B-56	22S.5E.30.424	276.35	276.03

Chemical Quality

Water samples were collected from six supply wells in the Post Headquarters area for major chemical-constituent analysis in 1985 (table 4). The dissolved-sodium concentrations ranged from 23 milligrams per liter in water from supply wells SW-10A and SW-19 to 33 milligrams per liter in water from supply well SW-22. The dissolved-chloride concentrations ranged from 8.5 milligrams per liter in water from supply well SW-15A to 27 milligrams per liter in water from supply well SW-16. The long-term specific conductance of water samples collected from ten supply wells in the Post Headquarters area is shown in figure 6. Monthly pH, specific conductance, and pumpage for 11 supply wells are shown in figure 8.

Nineteen water samples, 15 from Post Headquarters test and observation wells and 4 from Range area supply wells, were collected for pH and specific-conductance analyses (table 5). The pH ranged from 7.6 in water from test well T-6 to 8.3 in water from test wells T-8 and T-17. Specific conductance ranged from 254 microsiemens per centimeter at 25 degrees Celsius in water from test well T-17 to 2,010 microsiemens per centimeter at 25 degrees Celsius in water from test well T-14.