

EXPLANATION

Total dissolved solids
in mg/L or ppm

- < 1000
- 1000—3000
- 3000—10,000
- > 10,000

Approximate limit of aquifer

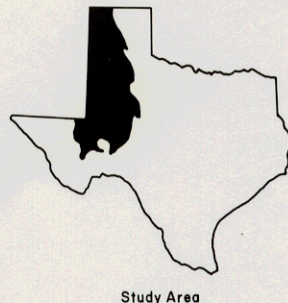
Significant outcrop of the
Dockum Group which contains
the Santa Rosa Aquifer

Modified from:

Couch, H. E. and Muller, D. A., 1972; Duffin, G. L., 1984; Dutton, A. R., and
Simpkins, W. W., 1986; Fink, B. E., 1963; Muller, D. A., and Couch, H. E.,
1972; Ogilbee, William, Weselman, J. B., and Irelan, Burdge, 1962; Pool, J.
R., 1972 (a) and 1972 (b); Rees, R. W., 1987; Shafer, G. H., 1956; Walker,
L. E., 1979; and White, D. E., 1968.

Surface geology modified from:

Eifler, G. K., Jr., 1967, 1968, and 1975.



Study Area

Figure 20
Existing Ground-Water Quality in the
Santa Rosa Aquifer
(Based on Total Dissolved Solids Content)