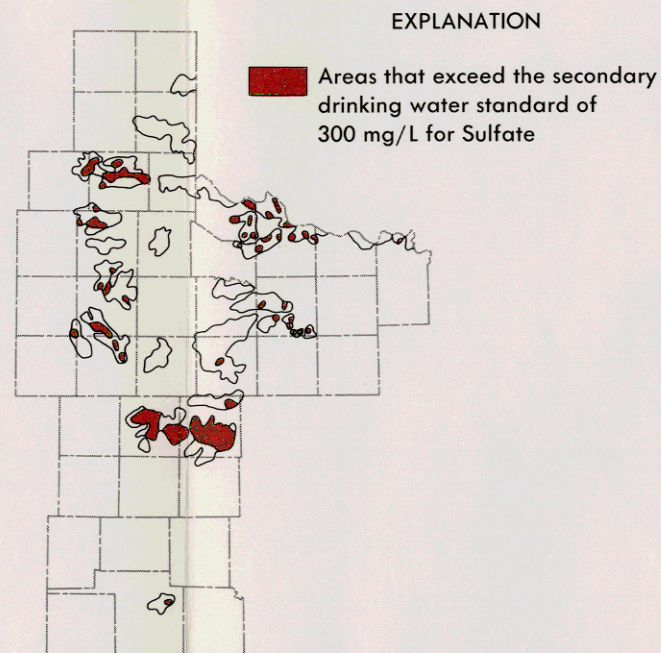


EXPLANATION
 Total dissolved solids
 in mg/L or ppm

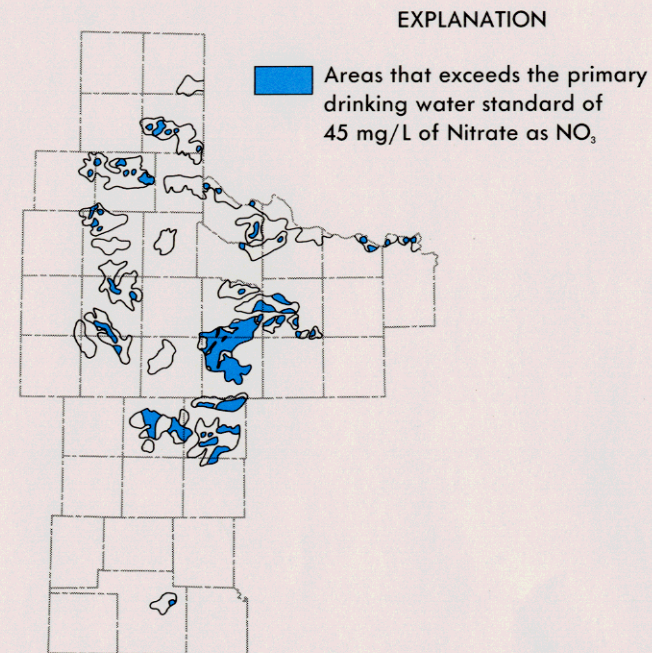
- < 500
- 500—1000
- 1000—3000
- > 3000

Data sources:
 Baker, E. T., Jr., Long, A. T., Jr., Reeves, R. D., and Wood, L. A., 1963;
 Burnitt, S. C., 1963; Cronin, J. G., Follett, C. R., Shafer, G. H., and
 Rettman, P. L., 1963; Crouch, R. L., 1964; Follett, C. R., 1944; and 1956 (e) and (f);
 George, W. O., and Johnson, C. E., 1941; Gordon, C. H., 1913;
 Maderak, M. L., 1972; McMillion, L. G., 1958;
 Ogilbee, W., and Osborne, F. L., Jr., 1962; Preston, R. D., 1978;
 Price, R. D., 1978 and 1979; R.W. Harden and Associates, 1978;
 State Board of Water Engineers, 1936; and Walker, L. F., 1979.

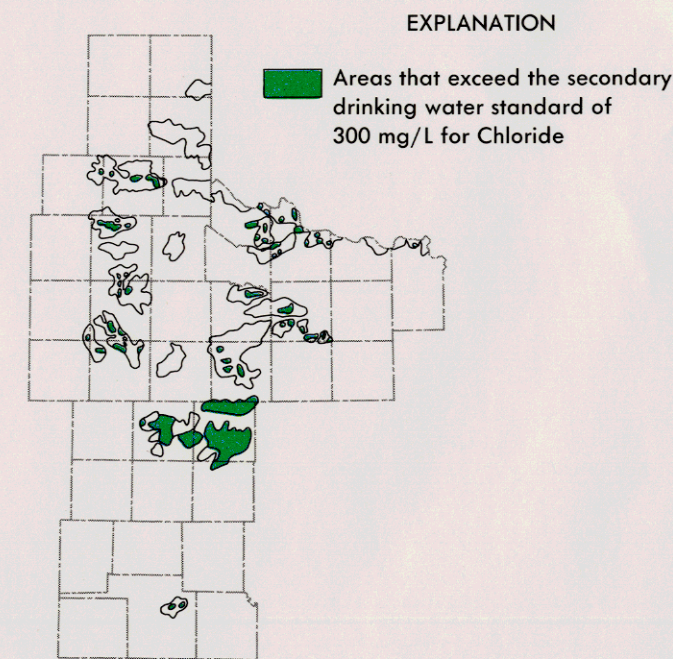
Extent of aquifer taken from work by the Texas Water Development Board



Sulfate Concentration



Nitrate Concentration



Chloride Concentration

Figure 13
 Existing Ground-Water Quality in the
 Alluvium of North-Central Texas
 (Based on Total Dissolved Solids Content With
 Sulfate, Chloride, and Nitrate Concentration Insets)