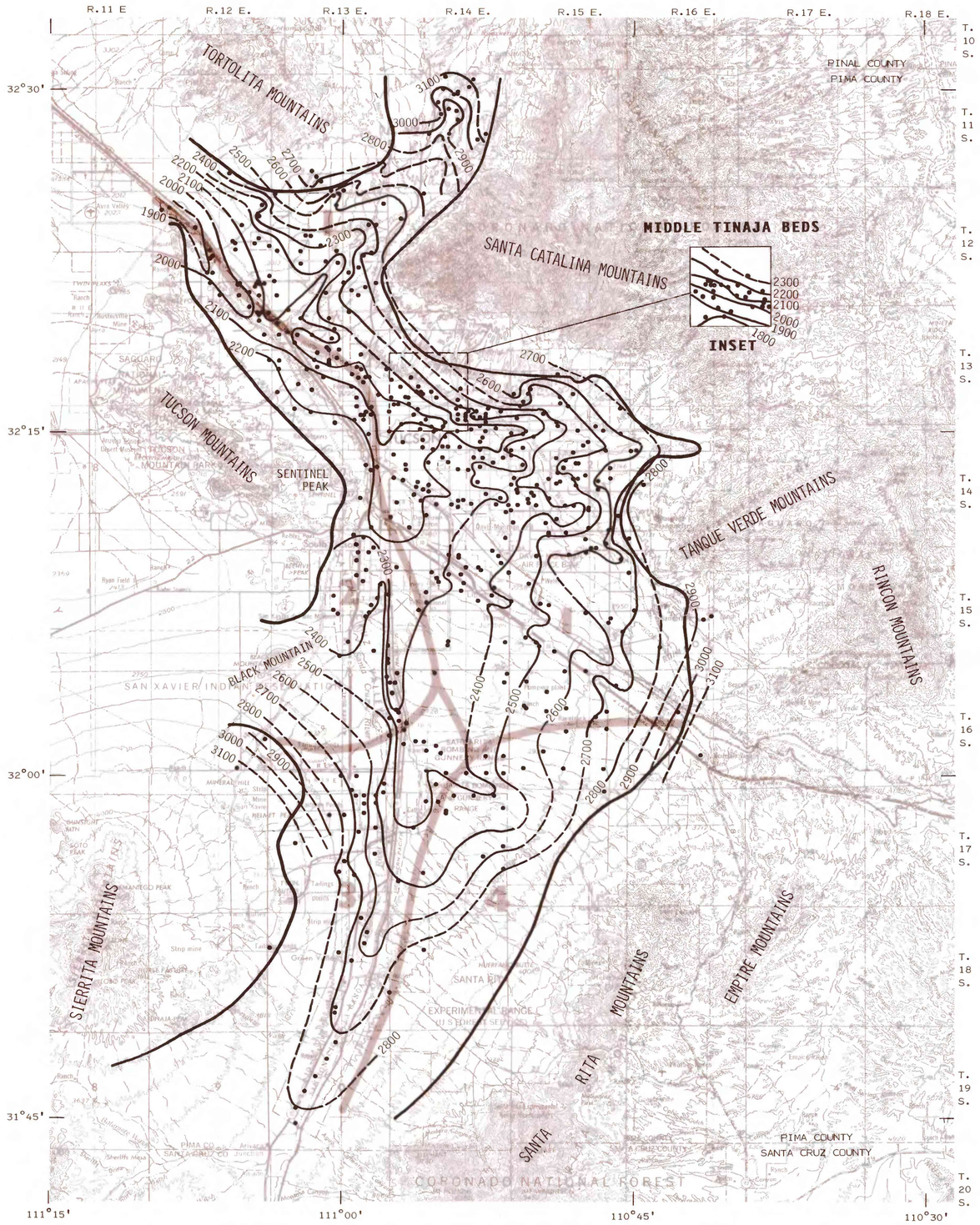

BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000
NOGALES, 1956-69 AND TUCSON, 1956-77

5 0 5 10 MILES
5 0 5 10 KILOMETERS

TOPOGRAPHIC CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Sediment source areas
modified from Gass (1977)

EXPLANATION

LATE TERTIARY AND QUATERNARY SEDIMENT SOURCE AREAS—Source areas of detritus contained in the Fort Lowell Formation and upper Tinaja beds

- 1 — Santa Catalina, Tanque Verde, Rincon, and Tortolita Mountains sediment
- 2 — Tucson and Black Mountains sediment
- 3 — Sierrita Mountains sediment
- 4 — Santa Rita Mountains sediment

• WELL WITH GEOLOGIC DATA

2300 — ALTITUDE OF THE BASE OF THE FORT LOWELL FORMATION—Dashed where approximately located. Contour interval 100 feet. National Geodetic Vertical Datum of 1929

1800 — ALTITUDE OF THE TOP OF THE MIDDLE TINAJA BEDS IN T. 13 S., R. 14 E.—Dashed where approximately located. Contour interval 100 feet. National Geodetic Vertical Datum of 1929. See inset

BOUNDARY OF AQUIFER

TOPOGRAPHY OF THE BASE OF THE FORT LOWELL FORMATION AND LATE TERTIARY AND QUATERNARY SEDIMENT SOURCE AREAS IN THE TUCSON BASIN