EXPLANATION

HYDROLOGIC ROCK UNITS

QTbf	BASIN-FILL UNIT—Gravel, sand, silt, and clay eroded from all older units	QUATERNARY AND TERTIARY
Tb	VOLCANIC UNIT—Basaltic lava flows, cinders, tuff, and water-deposited basaltic gravel; Hickey Formation	TERTIARY
Ts	SEDIMENTARY UNIT—Continental gravel, sand, silt, clay, marl, and limestone; Hickey Formation	TERTIARY
Pz	MARINE UNIT—Marine limestone, sandstone, siltstone, and shale; Tapeats Sandstone; Martin Formation; Redwall Limestone; and Supai Formation	PALEOZOIC
B	BASEMENT UNIT—Granitic and metamorphic rocks, undifferentiated	TERTIARY AND CRETACEOUS OR PRECAMBRIAN

GENERALIZED GEOLOGIC CONTACT— Queried where inferred

FAULT— U, upthrown side; D, downthrown side

APPROXIMATE MARGIN OF MAJOR AQUIFER

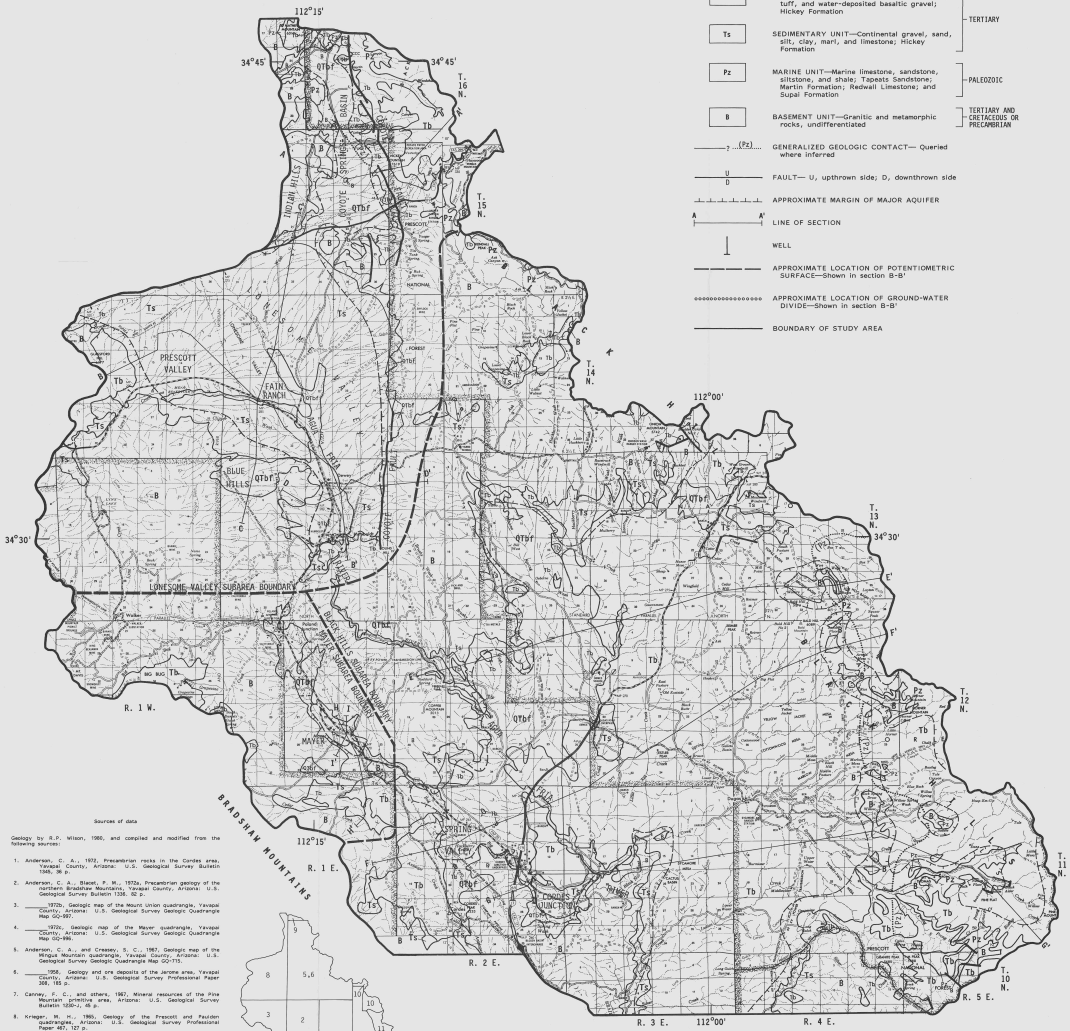
LINE OF SECTION

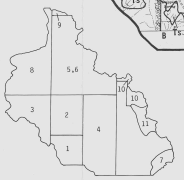
WELL

APPROXIMATE LOCATION OF POTENTIOMETRIC SURFACE—Shown in section B-B'

APPROXIMATE LOCATION OF GROUND-WATER DIVIDE—Shown in section B-B'

BOUNDARY OF STUDY AREA





SOURCES OF DATA

Sources of data

Geology by R.P. Wilson, 1986, and compiled and modified from the following sources:

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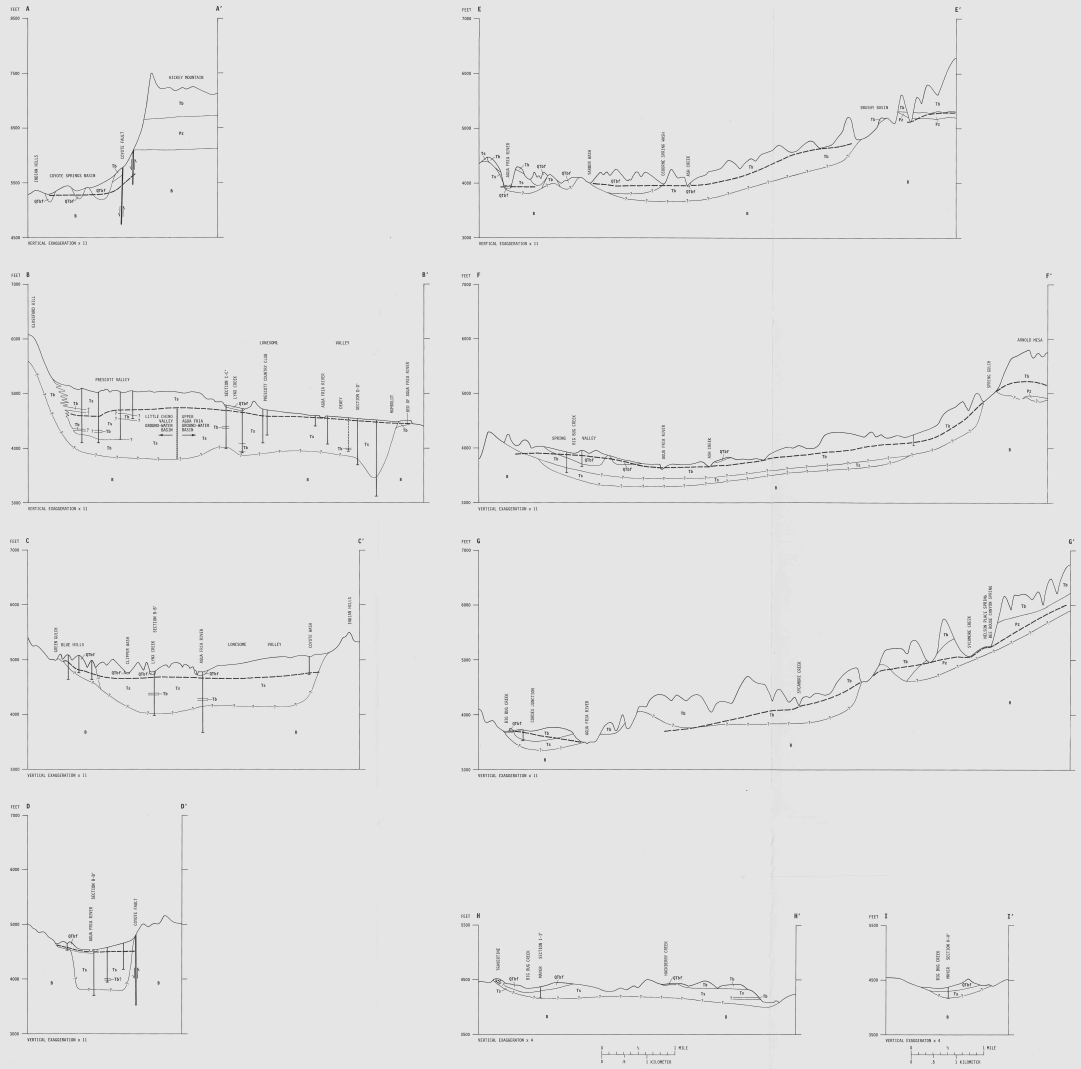

BASE FROM ARIZONA DEPARTMENT OF TRANSPORTATION 1:126,720, 1966-68

5 0 5 MILES

5 0 5 KILOMETERS

DISTRIBUTION OF HYDROLOGIC ROCK UNITS IN THE NORTHERN PART OF THE AGUA FRIA AREA