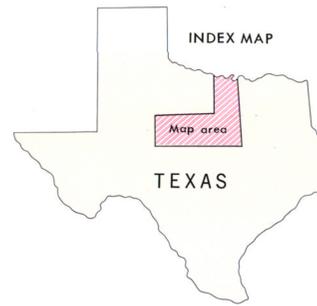


GEOLOGIC MAP OF LOWER CRETACEOUS SANDS AND ASSOCIATED FORMATIONS, TEXAS



SCALE
0 10 20 MILES

1966



EXPLANATION



Fredericksburg rocks

Walnut Formation (calcareous clay), Comanche Peak and Goodland Formations (nodular limestone), and Edwards Formation (hard limestone)

North-central and Central Texas



Paluxy Formation

Sand, light buff to light gray, cross-bedded to laminated and massive, very fine to fine grained, in part argillaceous and silty; clay, light gray to light red, laminated to massive. Thickness, 15 to 300 feet

West-central and North Texas



Antlers Formation

Sand, buff, weathers buff to locally variegated, fine to coarse grained, conglomeratic mainly in lower part, argillaceous in upper part; clay, mostly red, locally gray and green, silty, locally with beds of hard calcareous siltstone; conglomerate, siliceous (chert, quartz, and quartzite pebbles). Lower and upper units largely sand, middle unit chiefly clay. Thickness, 30 to 300 feet in West-central Texas, 550 to 600 in North Texas



Glen Rose Formation

Alternating beds of limestone and silt and clay; limestone, buff gray, silty, argillaceous, sandy, and dolomitic, thin to thick bedded, thicker bedded and partly crystalline in lower part; silt and clay, light to dark buff gray, calcareous. Thickness, 0 to 200 feet

North-central Texas



Twin Mountains Formation

Sand, buff, locally weathers red buff, cross-bedded to laminated or massive, conglomeratic in lower part; clay, red, gray, and green, silty, laminated to massive; conglomerate, siliceous (chert, quartz, and quartzite pebbles and granules). Thickness, 125 to 250 feet

Central Texas



Travis Peak Formation

Conglomerate, calcareous (chiefly limestone and dolomite pebbles and cobbles); sand, buff to red, fine to coarse grained; clay, silty, gray to red, laminated to massive; limestone, red gray, thin bedded to nodular, sandy and silty. Thickness, 120 feet



pre-Cretaceous rocks

Clay, limestone, sandstone, redbeds, and dolomite (Pennsylvanian in North-central and North Texas, Permian in West-central Texas)

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Localities reported
(see Appendix B)

Map compiled from the following sources
(see Bibliography for full citations):
Reconnaissance geologic mapping
by W. L. Fisher and Peter U. Rodda
Unpublished geologic mapping,
Bureau of Economic Geology
Cheney and Eargle (1951)
Hendricks (1957, pl. 1)
Leggett (1957, pl. 1)
Plummer (1951, pl. 1)
Plummer and Moore (1921, pl. 1)
Scott (1932, pl. 1)
Stefford (1960, Pl. 1)

