

GEOLOGIC MAP
of the
CADARETTA QUADRANGLE
Webster and Calhoun Counties,
Mississippi

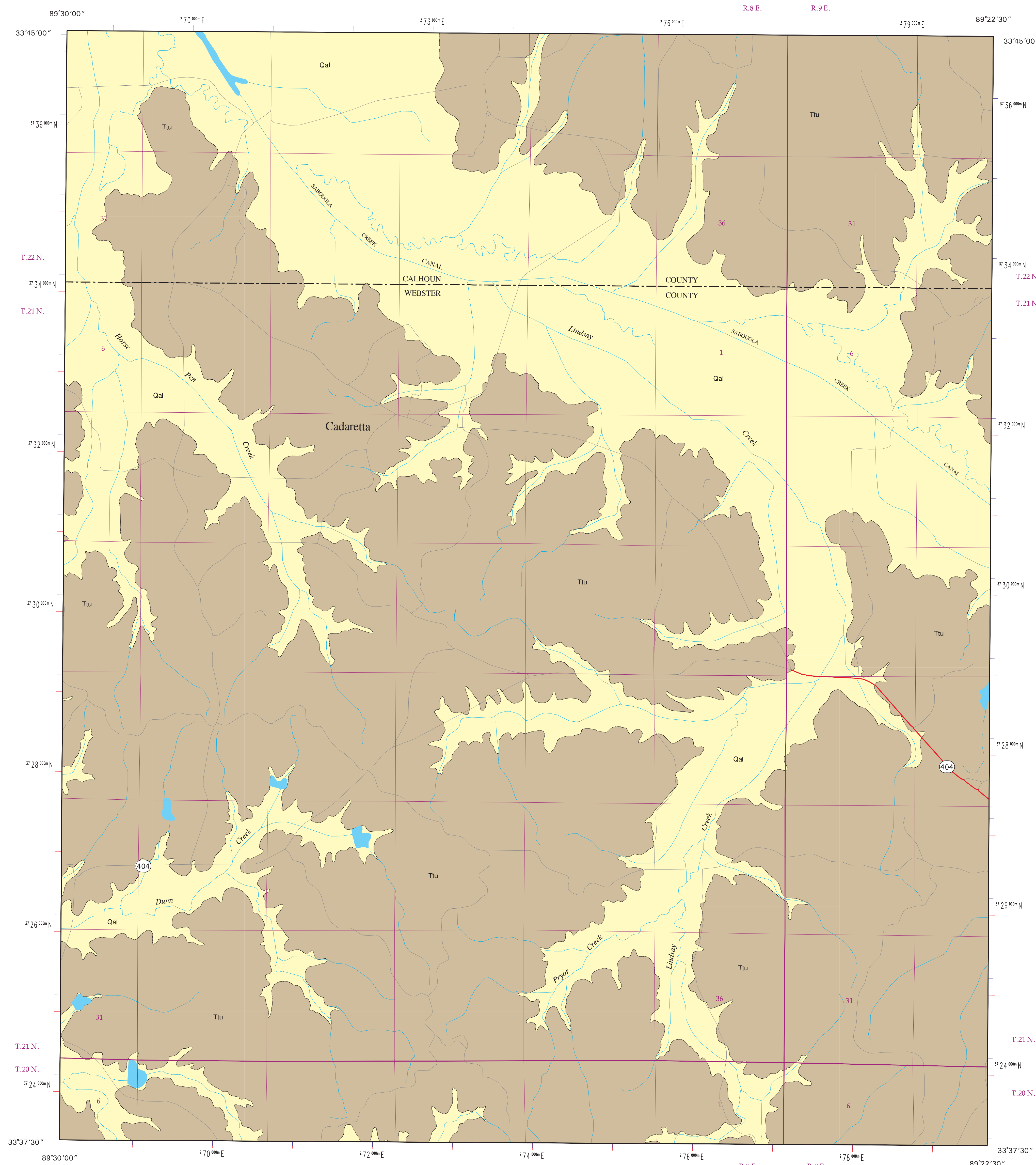


Geology by David E. Thompson

1998

DESCRIPTION OF MAP UNITS

QUATERNARY HOLOCENE TERTIARY PALEOCENE WILCOX GROUP	ALLUVIUM Qal	Sand, flood plain sands and silts.
	TUSCAHOMA FORMATION Ttu	Sand, dark greenish gray to light gray, weathers reddish orange to pale yellow orange, very fine- to coarse-grained, quartzose, micaceous, carbonaceous, glauconitic. Interbedded to interlaminated with clay and silt, light olive gray to brownish black, weathers various shades of red, gray, brown, or white, lignite, contains Red Hills Mine equivalent lignite seams H through L. Total thickness is 400 feet; the maximum thickness present in the quadrangle is approximately 250 feet in the southwestern region. Basal sandy interval constitutes the Middle Wilcox Aquifer.



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SCALE 1:24 000

Geology field checked in 1997 using the Provisional Edition 1983 U.S. Geological Survey 7.5-minute topographic quadrangle, 1927 North American datum, contour interval 20 feet, supplementary contour interval 10 feet.
 Mississippi Transverse Mercator projection, 1983 North American datum, GRS80 spheroid, 1000-meter Universal Transverse Mercator grid ticks, zone 16; 1983 datum shown in red, 1927 datum shown in blue.
 Sources: Road and water features, USGS Digital Line Graph data, 1:100,000 scale. Public Land Survey System, Mississippi Automated Resource Information System (MARIS), 1:24,000 scale.
 Geographic Information System by Daniel W. Morse.