

Description of Map Units

QUATERNARY SYSTEM

HOLOCENE

Hua

**Holocene undifferentiated alluvium**—Undifferentiated deposits of small upland streams: alluvial deposits of minor streams and creeks of varying textures, filling valleys incised into older deposits.

PLEISTOCENE

PRAIRIE ALLOGROUP

Ppl

**Upper Prairie Allogroup**—Late Pleistocene alluvial deposits of the younger of the Prairie Allogroup temporal phases of the Red River valley. Where observed in the area northwest of Shreveport, the unit consists of grayish clayey very fine sand, with red mottles in places, weathering yellowish to yellowish brown.

TERTIARY SYSTEM

EOCENE

CLAIBORNE GROUP

Ewc

**Carizzo Formation**—Well rounded, very fine to medium, glauconitic quartzose sand, commonly cross bedded, in places feldspathic and/or containing petrified wood (Andersen 1993, p73; Andersen 1960, p 84). Where exposed in the area northwest of Shreveport, it contains abundant quartz granules and consists of sandy granite conglomerate in places. Ranges from reddish orange to, in more weathered outcrops, a deep maroon limonitic sand containing abundant ironstone.

PALEOCENE-EOCENE

WILCOX GROUP

PEw

**Wilcox Group, undifferentiated**—Grayish very fine to fine sand, typically clayey, rarely with coarse granules, in places with silty or silty clay interlamination and/or channel cutouts. Typically of gray or light gray coloration with yellow-brown to red mottles in places, ranging to very pale brown with dark yellowish brown mottles; includes gray weathering to strong brown, pale yellow weathering to olive yellow, and pale brown weathering to dark yellowish brown hues. In places contains carbonaceous beds, petrified wood, and ironstone, with ironstone concretions up to 25 cm in diameter. A reddish or grayish to brownish weathering mantle up to 2 m thick is developed locally.



Open Water, Inundated Area, Swamp

Contact—includes inferred contacts.

Streams

Topographic Contours

Sources:

Durham, C. O., Jr., and C. R. Smith, 1958, Louisiana Midway-Wilcox correlation problems: Louisiana Department of Conservation, Louisiana Geological Survey, Geological Pamphlet no. 5, 17 p.

Albertson, P. E., and J. B. Dunbar, 1993, Geomorphic investigation of Shreveport to Dingerfield Navigation Project: U.S. Army Corps of Engineers Waterway Experiment Station, Vicksburg, Mississippi, Technical Report no. GL-93-31, 148p.

Smith, C. R. (1970), (Geologic Map of Caddo Parish, Louisiana): Unpublished map, Louisiana Geological Survey, Baton Rouge, Louisiana, scale 1:62,500.

References:

Andersen, H. V., 1993, Geology of Natchitoches Parish: Louisiana Geological Survey, Geological bulletin no. 44, 227 p. plus plates (includes one 1:62,500-scale geologic map).

Andersen, H. V., 1960, Geology of Sabine Parish: Louisiana Department of Conservation, Louisiana Geological Survey, Geological bulletin no. 34, 164 p. plus plates (includes one 1:62,500-scale geologic map).

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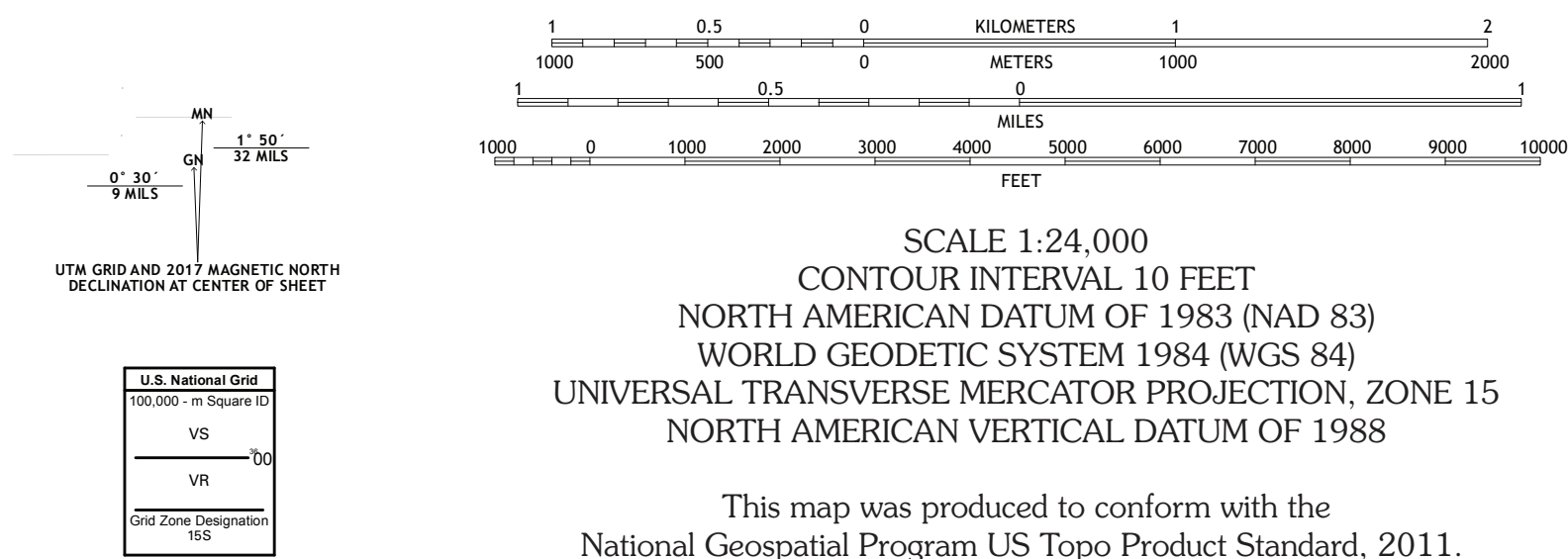
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Geology by: Richard P. McCulloh and Paul V. Heinrich

CIS Compilers: R. Hampton Peele, Arti Singh, Arvind Parthasarathy, and Supriya Gunasekaran

Revision GIS: Robert Paulsell

Cartography by: Lisa Pond and Robert Paulsell



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

1 Pottery Point  
2 Nourisport  
3 Dixie  
4 Latex  
5 North Highlands  
6 Waskon  
7 Greenwood  
8 Shreveport West

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	Railroad
Interstate Route	US Route
	State Route

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Blanchard Surface Geology  
revision 2020