USDA icon **Natural Resources Conservation Service**

Major Land Resource Area 135B
Cretaceous Western Coastal Plain

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Ecological site keys

MLRA 135B Ecological Site Key

I. Site receives additional moisture from the surrounding landscape (floodplains and terraces) and soils formed in alluvium.

A. Occurs on a flood plain and are subject to occasional (greater than 5 to 50 times in 100 years) to frequent (greater than 50 times in 100 years) flooding of varying duration.

1- Soils are somewhat poorly to poorly drained, characterized by wetness within 2 feet (60 cm) of the surface in the winter and spring, and have 35 to 60 percent clay in the particle size control section. ... PX135B01Y014 – Poorly Drained Flood Plain

2- Soils are moderately well to well drained, with redoximorphic features below 2 feet (30 cm), and have 18 to 35 percent clay in the particle size control section. ... PX135B01Y015 – Well Drained Flood Plain

B. Occurs on a terrace. Flooding is rare to none (1 to 5 times in 100 years).

1- Soils are somewhat poorly or poorly drained, have greater than 18 percent clay in the particle size control section (coarse silty, coarse loamy, fine), and are characterized by wetness within 12 inches (30 cm) of the surface in winter and spring. ... PX135B01Y013 – Poorly Drained Terrace

2- Soils are moderately well to well drained with 18 to 35 percent clay in the particle size control section (fine-loamy, fine-silty). ... PX135B01Y012 – Terrace

3- Soils are somewhat excessively to excessively drained with loamy fine sand or coarser in all horizons within the particle size control section. ... PX135B01Y011 – Sandy Terrace

II. Site does not receive moisture from the surrounding landscape (uplands including summits, ridges, shoulders and side slopes of hills, mountains, and interfluves).

A. Soil derived from limestone. ... PX135B01Y005 – Limestone Upland

B. Soil derived from parent material other than limestone.

1- Slopes range from 1 to 60 percent and soils are moderately well to well drained.

i. 18 to 35 percent clay (fine-loamy or loamy) in the particle size control section. ... PX135B01Y004 – Loamy Upland

ii. Greater than 35 percent clay (fine or very fine) in the particle size control section and redoximorphic features below 2 feet (60 cm). ... PX135B01Y002 – Clayey Upland

iii. Greater than 35 percent rock fragments (loamy skeletal) in the particle size control section. ... PX135B01X006 – Droughty Upland

2- Slopes range from 0 to 3 percent and soils are somewhat poorly to poorly drained.

i. Greater than 35 percent clay (fine or very fine) in the particle size control section. ... PX135B01Y001 – Poorly Drained Clayey Upland