

## Map Unit Description (Brief, Generated)

Fayette County, Texas

[Minor map unit components are excluded from this report]

**Map unit:** ChB - Chazos loamy fine sand, 1 to 3 percent slopes

**Component:** Chazos (100%)

*The Chazos component makes up 100 percent of the map unit. Slopes are 1 to 3 percent. This component is on stream terraces on river valleys. The parent material consists of loamy and clayey alluvium of Quaternary Age derived from mixed sources. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R087AY237TX Sandy Loam 28-40" Pz ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 2 within 30 inches of the soil surface.*

**Map unit:** GrB - Gredge fine sandy loam, 1 to 3 percent slopes

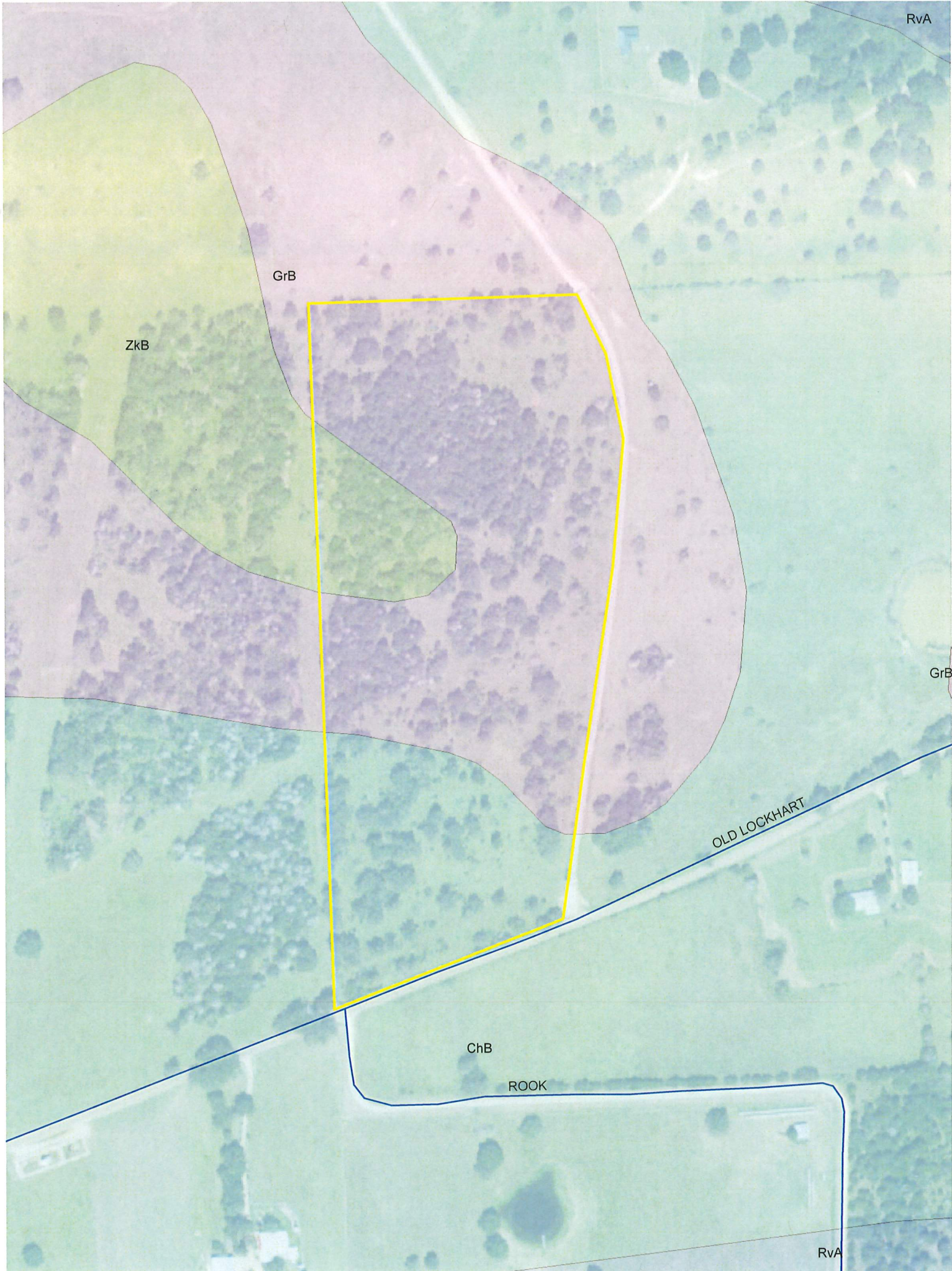
**Component:** Gredge (100%)

*The Gredge component makes up 100 percent of the map unit. Slopes are 1 to 3 percent. This component is on paleoterraces on inland dissected coastal plains. The parent material consists of clayey and loamy alluvium of Pleistocene age derived from mixed sources. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R087AY237TX Sandy Loam 28-40" Pz ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. The soil has a maximum sodium adsorption ratio of 3 within 30 inches of the soil surface.*

**Map unit:** ZkB - Zack very fine sandy loam, 1 to 3 percent slopes

**Component:** Zack (100%)

*The Zack component makes up 100 percent of the map unit. Slopes are 1 to 3 percent. This component is on ridges on inland dissected coastal plains. The parent material consists of residuum weathered from shale and siltstone in the Yegua formation of Eocene age. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R086BY214TX Claypan Prairie 32-40 Pz ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 1 percent. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 4 within 30 inches of the soil surface.*



RvA

GrB

ZkB

GrB

OLD LOCKHART

ChB

ROOK

RvA