

Major Land Resource Area 133B Western Coastal Plain

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Ecological site keys

MLRA 133B

I. Sites on uplands and terraces

A. Depressions on uplands and terraces ... F133BY001TX – Depression

B. All others

1 Sites on uplands

i. Sites with prolonged seasonal wetness ... F133BY002TX – Seasonally Wet Upland

ii. Sites without surface wetness, or only short duration after precipitation events

a. Sandy or sandy loam soils to 20 inches

1) Sandy and sandy loam soils greater than 20 inches but less than 40 inches

a) Sites north of Nacogdoches ... F133BY006TX – Northern Sandy Loam Upland

b) Sites south of Nacogdoches ... F133BY007TX – Southern Sandy Loam Upland

2) Sandy soils greater than 40 inches

a) Sandy soils extending greater than 40 inches but less than 80 inches

i) Sites north of Nacogdoches ... F133BY008TX – Northern Deep Sandy Upland

ii) Sites south of Nacogdoches ... F133BY009TX – Southern Deep Sandy Upland

b) Sandy soils greater than 80 inches

b. Surface soil textures variable, but loamy or clayey subsoil

1) Loamy soils throughout surface and subsoil ... F133BY005TX – Loamy Upland

2) Soils with heavy clay subsoil

a) Fine sandy loam surface textures over clayey subsoil, generally without high shrink-swell properties ...

F133BY003TX – Loamy Over Clayey Upland

b) Abrupt textural change with greater than 20 percent increase in clay, associated with high shrink-swell properties ... F133BY004TX – Loamy Claypan Upland

2 Sites on terraces

i. Sites with prolonged wetness after precipitation events ... F133BY012TX – Wet Terrace

ii. Other terraces

a. Sandy soils extending below 40 inches ... F133BY011TX – Deep Sandy Terrace

b. Other terraces ... F133BY013TX – Terrace

II. Sites on bottomlands and alluvial drains

A. Soils are semi-permanently flooded and frequently ponded ... F133BY015TX – Swamp

B. Bottomlands with other flooding regimes

1 Quick-flowing bottomlands with narrow channels and short duration flooding ... F133BY014TX – Creek

Bottomland

2 Other bottoms

i. Bottomlands with sandy soils ... F133BY016TX – Sandy Bottomland

ii. Loamy or clayey bottomlands

a. Soils predominantly loamy ... F133BY017TX – Loamy Bottomland

b. Soils predominantly clayey ... F133BY018TX – Clayey Bottomland