

NONTECHNICAL SOIL DESCRIPTIONS
Calcasieu Parish, Louisiana

These descriptions describe soil properties or management considerations specific to a soil map unit and components of map units. These reports are generated for distribution to land users from the National Soil Information System soil database.

Ac--Acadia Silt Loam, 1 To 3 Percent Slopes

Acadia component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. It is in nonirrigated land capability class 3e.

AE--Allemands Peat

Allemands component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. The soil has a very slightly saline horizon. The soil has a moderately sodic horizon. It is in nonirrigated land capability class 8w.

AN--Aguents, Frequently Flooded

Aguents component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is very poorly drained. Available water capacity is very low and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 9 inches.

AR--Arat Mucky Silt Loam

Arat component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a swamp. It is very poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. There are no saline horizons. It is in nonirrigated land capability class 8w.

BA--Barbary Mucky Clay

Barbary component makes up 85 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a swamp. It is very poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. There are no saline horizons. It is in nonirrigated land capability class 8w.

BB--Basile And Guyton Silt Loams, Frequently Flooded

Basile component makes up 55 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 9 inches. It is in nonirrigated land capability class 5w.

Guyton component makes up 25 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 5w.

Bh--Bienville Loamy Fine Sand, 1 To 3 Percent Slopes

Bienville component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is somewhat excessively drained. The slowest permeability within 60 inches is moderately rapid. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 60 inches. It is in nonirrigated land capability class 2s.

Bn--Bienville-Cahaba-Guyton-Complex, Gently Undulating

Bienville component makes up 40 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is somewhat excessively drained. The slowest permeability within 60 inches is moderately rapid. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 60 inches. It is in nonirrigated land capability class 2s.

Cahaba component makes up 25 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. It is in nonirrigated land capability class 2e.

Guyton component makes up 25 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a depression. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 3w.

NONTECHNICAL SOIL DESCRIPTIONS--Continued
Calcasieu Parish, Louisiana

Bo--Brimstone Silt Loam

Brimstone component makes up 85 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a terrace. The depth to bedrock is 10 to 30 inches to natric. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is moderate and shrink swell potential is low. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. It is in nonirrigated land capability class 3s.

Cd--Caddo-Messer Silt Loams

Caddo component makes up 60 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. It is in nonirrigated land capability class 3w.

Messer component makes up 30 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 36 inches. It is in nonirrigated land capability class 3e.

Ch--Cahaba Fine Sandy Loam, 1 To 3 Percent Slopes

Cahaba component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is well drained. The slowest permeability within 60 inches is moderate. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. It is in nonirrigated land capability class 2e.

CO--Clovelly Muck

Clovelly component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is very poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. The soil has a slightly saline horizon. The soil has a moderately sodic horizon. It is in nonirrigated land capability class 8w.

Cr--Crowley-Vidrine Silt Loams

Crowley component makes up 55 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. It is in nonirrigated land capability class 3w.

Vidrine component makes up 35 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. It is in nonirrigated land capability class 2w.

Dm--Dumps

Dumps component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.

GB--Ged Clay

Ged component makes up 85 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is very poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. It is in nonirrigated land capability class 7w.

GC--Gentilly Muck

Gentilly component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is very poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. The soil has a slightly saline horizon. It is in nonirrigated land capability class 7w.

Ge--Glenmora Silt Loam, 1 To 3 Percent Slopes

Glenmora component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 30 inches. It is in nonirrigated land capability class 2e.

Gg--Gore Silt Loam, 1 To 5 Percent Slopes

Gore component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is not flooded and is not ponded. The water table is deeper than 6 feet. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 4e.

Go--Guyton Silt Loam, Occasionally Flooded

Guyton component makes up 85 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is occasional flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 4w.

GU--Guyton Silt Loam, Frequently Flooded

Guyton component makes up 85 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 5w.

Gy--Guyton-Messer Silt Loams

Guyton component makes up 55 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 3w.

Messer component makes up 35 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 36 inches. It is in nonirrigated land capability class 3e.

Ju--Judice Silty Clay Loam

Judice component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a depression. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The maximum amount of calcium carbonate within 40 inches is 5 percent. It is in nonirrigated land capability class 3w.

Kd--Kinder-Messer Silt Loams

Kinder component makes up 60 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. It is in nonirrigated land capability class 3w.

Messer component makes up 30 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 36 inches. It is in nonirrigated land capability class 3e.

LE--Larose Mucky Clay

Larose component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. This component is on a marsh. It is very poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is low. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 0 inches. The soil has a very slightly saline horizon. The soil has a moderately sodic horizon. It is in nonirrigated land capability class 8w.

Lt--Leton Silt Loam

Leton component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. It is in nonirrigated land capability class 3w.

Mb--Malbis Fine Sandy Loam, 1 To 3 Percent Slopes

Malbis component makes up 95 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is moderately slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 39 inches. It is in nonirrigated land capability class 2e.

Mg--Messer Silt Loam, 1 To 8 Percent Slopes

Messer component makes up 90 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 36 inches. It is in nonirrigated land capability class 3e.

Mh--Messer-Guyton Silt Loams, Gently Undulating

Messer component makes up 60 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is moderately well drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 36 inches. It is in nonirrigated land capability class 3e.

NONTECHNICAL SOIL DESCRIPTIONS--Continued
Calcasieu Parish, Louisiana

Guyton component makes up 30 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a depression. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is low. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 9 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 3w.

Mn--Midland Silty Clay Loam

Midland component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 15 inches. The soil has a slightly sodic horizon. It is in nonirrigated land capability class 3w.

Mr--Morey Loam

Morey component makes up 80 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. It is poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is rare flooded and is not ponded. The top of the seasonal high water table is at 24 inches. It is in the irrigated land capability class 3w. It is in nonirrigated land capability class 3w.

Mt--Mowata-Vidrine Silt Loams

Mowata component makes up 55 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. This component is on a terrace. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 12 inches. It is in nonirrigated land capability class 3w.

Vidrine component makes up 35 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is high. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. It is in nonirrigated land capability class 2w.

Pt--Pits, Sand

Pits component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.

UA--Udifluvents, 1 To 20 Percent Slopes

Udifluvents component makes up 85 percent of the map unit. This map unit is in the Gulf Coast Marsh Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.

UN--Una Silty Clay Loam, Frequently Flooded

Una component makes up 80 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. This component is on a flood plain. It is poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is high. This soil is frequent flooded and is not ponded. The top of the seasonal high water table is at 9 inches. It is in nonirrigated land capability class 4w.

Up--Urban Land

Urban Land component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. Available water capacity is very low and shrink swell potential is low. This soil is not flooded and is not ponded. The water table is deeper than 6 feet.

Ur--Urbo Silty Clay Loam, Occasionally Flooded

Urbo component makes up 85 percent of the map unit. This map unit is in the Western Gulf Coast Flatwoods Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is impermeable. Available water capacity is very high and shrink swell potential is moderate. This soil is occasional flooded and is not ponded. The top of the seasonal high water table is at 18 inches. It is in nonirrigated land capability class 2w.

Vn--Vidrine Silt Loam, 1 To 3 Percent Slopes

Vidrine component makes up 90 percent of the map unit. This map unit is in the Gulf Coast Prairies Major Land Resource Area. It is somewhat poorly drained. The slowest permeability within 60 inches is slow. Available water capacity is very high and shrink swell potential is moderate. This soil is not flooded and is not ponded. The top of the seasonal high water table is at 18 inches. It is in nonirrigated land capability class 2e.