

Map Symbol	Map Unit Name	Nontechnical Descriptions
AR	ARAT MUCK	This soil is level, very poorly drained, and fluid. It is a mineral soil that is in swamps. The soil is loamy and fluid throughout, or it has a mucky surface layer and a loamy underlying material. Permeability is slow. The total subsidence potential is medium. The soil has low strength or capacity to support a load.
AT	ARKABUTLA, ROSEBLOOM, AND JENA SOILS, FREQUENTLY FLOODED	These nearly level soils are on flood plains. They are subject to frequent flooding. The somewhat poorly drained Arkabutla soil and the well drained Jena soil are on ridges. The poorly drained Rosebloom soil is on narrow flats and in swales. All of these soils are loamy throughout. Natural fertility is low or medium. Water and air move through the soils at a moderate rate. The Arkabutla and Rosebloom soils have a seasonal high water table in winter and spring.
Aa	ABITA SILT LOAM, 0 TO 2 PERCENT SLOPES	This soil is nearly level and somewhat poorly drained. It is on broad stream or marine terraces. The soil is loamy throughout. Natural fertility is low. Permeability is slow. Surface runoff is slow. A seasonal high water table is present during the wet season. The shrink-swell potential is moderate in the subsoil.
Ab	ABITA SILT LOAM, 2 TO 5 PERCENT SLOPES	This soil is gently sloping and somewhat poorly drained. It's on low ridges and side slopes of drainageways on stream or marine terraces. The soil is loamy throughout. Natural fertility is low. Permeability and surface runoff are slow. A seasonal high water table is present in winter and spring. The shrink-swell potential is moderate in the subsoil.
Ag	ANGIE SILT LOAM, 1 TO 5 PERCENT SLOPES	This is a moderately well drained, gently sloping soil on uplands. It is loamy in the surface layer and in the upper part of the subsoil. The lower part of the subsoil is clayey. Natural fertility is low. Permeability is slow or very slow through the lower part of the subsoil. Runoff is medium. The soil has a seasonal high water table. It has a high shrink-swell potential in the subsoil.
Ba	BASSFIELD SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping or gently sloping soil is on low stream terraces. It is loamy throughout, or it has a sandy surface layer and a loamy subsoil. Runoff is medium. Water and air move at a moderate rate through the subsoil. The soil dries quickly after rains. Plants are damaged by a lack of moisture during dry periods in summer and fall.
Ca	CAHABA FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This well drained, very gently sloping or gently sloping soil is on low stream terraces. It is loamy throughout, or it has a sandy surface layer and a loamy subsoil. Runoff is medium. Water and air move at a moderate rate through the subsoil. The soil dries quickly after rains. Plants are damaged by a lack of moisture during dry periods in summer and fall.
Dp	DUMPS	This miscellaneous area consists of refuse dumps and sanitary landfills. Dumps are nearly level to sloping. The areas consist of successive layers of compacted refuse and thin soil layers.

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Fk	FLUKER SILT LOAM	This soil is nearly level and somewhat poorly drained. It is on broad flats on terraces. The soil is loamy throughout and has a fragipan in the subsoil. Natural fertility is low. Permeability is slow in the fragipan. Surface runoff is slow. A seasonal high water table is perched on the fragipan at a depth of 0.5 to 1.5 feet.
Lt	LATONIA FINE SANDY LOAM	This soil is nearly level and well drained. It is on terraces along major drainageways. The surface layer and subsoil are loamy and the substratum is sandy. Natural fertility is low. Permeability is moderately rapid, and water runs off the surface slowly.
Mt	MYATT FINE SANDY LOAM	This soil is level and poorly drained. It is subject to rare flooding. The soil is on broad flats and in slightly depressional areas on terraces. Typically, the soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or moderately slow. Water runs off the surface at a slow rate and stands in low places for short to long periods after rains. A seasonal high water table is near the surface for long periods in winter and spring. The shrink-swell potential is low or moderate.
My	MYATT FINE SANDY LOAM, FREQUENTLY FLOODED	This level, poorly drained soil is on flood plains. It is subject to frequent flooding. The soil is loamy throughout. It has low natural fertility. Surface runoff and permeability are slow. A seasonal high water table ranges from the surface to a depth of about 1.5 feet.
OB	OUACHITA, BIBB, AND JENA SOILS, FREQUENTLY FLOODED	These nearly level, well drained and poorly drained soils are on flood plains. They are subject to frequent flooding. The Ouachita and Jena soils are on low ridges, and the Bibb soil is in swales. The soils are mainly loamy throughout. The texture of the surface layer changes as floodwaters rework the deposits. Natural fertility is low. Water and air move through the soils at a moderate or moderately slow rate.
Pg	PITS	This map unit consists of open excavations from which sand and gravel have been removed. The areas range from gently sloping to steeply sloping. They generally are barren of vegetation.
Pr	PRENTISS FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES	This soil is level, moderately well drained, and has a fragipan. It is on ridges on terraces. The soil is loamy throughout. Natural fertility is low. Permeability is moderate in the upper part of the soil and moderately slow in the fragipan. Surface runoff is medium. A seasonal high water table is perched above the fragipan.
Ps	PRENTISS FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This soil is very gently sloping or gently sloping, moderately well drained, and has a fragipan. It is on ridges on terraces. The soil is loamy throughout. Natural fertility is low. Permeability is moderate in the upper part of the soil and moderately slow in the fragipan. Surface runoff is medium. A seasonal high water table is perched above the fragipan.

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Rs	RUSTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is medium. Water and air move through the soil at a moderate rate. Plant roots penetrate this soil easily. The soil dries quickly after rains. In places, the soil is moderately eroded.
Rt	RUSTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	This well drained, gently sloping to moderately sloping soil is on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of air and water through the soil is moderate. Plant roots penetrate the soil easily. In places, the soil is moderately eroded.
Sa	SAVANNAH FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Sh	SAVANNAH FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.
Sm	SMITHDALE FINE SANDY LOAM, 8 TO 12 PERCENT SLOPES	This well drained, strongly sloping or moderately steep soil is on side slopes on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of water and air through the soil is moderate. In places, the soil is moderately eroded.
Sn	SMITHDALE FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	This well drained, strongly sloping or moderately steep soil is on side slopes on uplands. It is loamy and acid throughout. Natural fertility is low. Runoff is rapid. Movement of water and air through the soil is moderate. In places, the soil is moderately eroded.
St	STOUGH FINE SANDY LOAM	This level, somewhat poorly drained soil is on broad, slightly convex ridges on stream terraces. The soil is subject to rare flooding during unusually wet periods. Typically, the soil is loamy and acid throughout. Natural fertility is low. Permeability is moderately slow. Water runs off the surface at a slow rate. A seasonal high water table is about 1.0 to 1.5 feet below the soil surface from January to April. The shrink-swell potential is low.

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Ta	TANGI SILT LOAM, 1 TO 3 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces or uplands. It is loamy throughout and has a fragipan in the subsoil which restricts plant roots. Natural fertility is low or moderately low. Runoff is medium. Water and air move through the upper part of the subsoil at a moderate rate, and they move slowly or moderately slowly through the fragipan. A seasonal high water table perches on the fragipan for short periods. In places, the soil is moderately eroded.
Tg	TANGI SILT LOAM, 3 TO 8 PERCENT SLOPES	This gently sloping or moderately sloping, moderately well drained soil is on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil. The fragipan restricts root penetration and the movement of air and water. Natural fertility is low to medium. Runoff is medium. A seasonal high water table is perched on the fragipan during the winter and spring. The shrink-swell potential is low.