

Map Symbol	Map Unit Name	Nontechnical Descriptions
An	ANGIE VERY FINE SANDY 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	BETIS LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This somewhat excessively drained, very gently sloping or gently sloping, sandy soil is on uplands. It has a very low available water capacity and very low natural fertility. Runoff is slow. Water moves rapidly through the soil.
Be	BIENVILLE LOAMY FINE SAND, 1 TO 3 PERCENT SLOPES	This very gently sloping or gently sloping, somewhat excessively drained soil is on low stream terraces. It is sandy throughout. Permeability is moderately rapid. The available water capacity is low or very low. Natural fertility is low. The soil has a seasonal high water table in winter and spring.
Bh	BOWIE FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
Bo	BOYKIN LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This well drained, gently sloping soil is on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. Natural fertility is low. Runoff is slow. Water and air move rapidly through the sandy surface and subsurface layers, and they move at a moderate rate through the loamy subsoil. The available water capacity is low.
Br	BRILEY LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This well drained, gently sloping soil is on uplands. It has thick sandy surface and subsurface layers and a loamy subsoil. Natural fertility is low. Runoff is slow. Water and air move rapidly through the sandy surface and subsurface layers, and they move at a moderate rate through the loamy subsoil. The available water capacity is low.
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.
DM	DARLEY GRAVELLY FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This strongly sloping, well drained soil is on side slopes on uplands. The surface layer is gravelly and the subsoil is clayey. Fractured layers of ironstone are in the subsoil. Natural fertility is medium. Permeability is moderately slow. Surface runoff is rapid. Ironstone fragments and layer reduce the available water capacity. In places, the soil is moderately eroded.

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DO	DARLEY GRAVELLY FINE SANDY LOAM, 12 TO 30 PERCENT SLOPE S	This soil is well drained and moderately steep. It is on side slopes on uplands. The soil has a gravelly surface layer and a clayey and loamy subsoil. The subsoil has layers of fractured ironstone. Natural fertility is low. Permeability is moderately slow. Surface runoff is rapid.
Dk	DARLEY GRAVELLY FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This gently sloping, well drained soil is on upland ridgetops. It has a gravelly surface layer and a clayey subsoil. Fractured layers of ironstone are in the subsoil. Natural fertility is medium. Permeability is moderately slow. Surface runoff is medium. Ironstone fragments and layers reduce the available water capacity. In places, the soil is moderately eroded.
ED	EASTWOOD VERY FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moserately eroded.
Fr	FRIZZELL SILT LOAM	This level or nearly level, somewhat poorly drained soil is on terraces. It is loamy throughout. Natural fertility is low. Permeability is slow. The soil has a seasonal high water table in winter and spring.
GO	GROOM SILTY CLAY 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.
GY	GUYTON SILT 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.
GZ	GUYTON-OUACHITA SILT LOAMS, FREQUENTLY FLOODED	These soils are level or nearly level. They are on flood plains of major streams. The soils are subject to frequent flooding. They are loamy throughout. The Guyton soil is poorly drained. It is in level and depressional areas. The Ouachita soil is well drained. It is on low ridges. During winter and spring, a seasonal high water table rises to near the surface in the Guyton soil.
Gm	GROOM SILT LOAM, OCCASSIONALLY FLOODED	This level, poorly drained soil is in depressional areas. It is occasionally flooded, ponded, or otherwise saturated for long periods in winter and spring. The soil is acid and loamy throughout. Natural fertility is low. Permeability is slow or very slow. Runoff is very slow to ponded. The shrink-swell potential is low.

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Gu	GUYTON SILT 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.
HA	HAGGERTY FINE SANDY LOAM, FREQUENTLY FLOODED	This level, somewhat poorly drained soil is in areas of a flood plain that are former beaches of relict lakes. It is subject to frequent flooding. The soil has a sandy or loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. Permeability is moderately rapid. The soil has a seasonal high water table in winter and spring.
HB	HAGGERTY SILTY CLAY LOAM, FREQUENTLY FLOODED	This level, somewhat poorly drained soil is in areas that are former beaches of relic lakes. It is subject to frequent flooding. The soil has a clayey or loamy surface layer and a loamy and sandy subsoil. Natural fertility is low. Permeability is moderately rapid in the subsoil. The soil has a seasonal high water table in winter and spring.
HP	HEBERT-PERRY SOILS, FREQUENTLY FLOODED	This map unit consists of somewhat poorly drained Hebert soils and poorly drained Perry soils on flood plains. These soils are subject to frequent flooding. The Hebert soils are on long narrow ridges, and the Perry soils are in low areas. The Hebert soils are loamy throughout, and the Perry soils are clayey throughout. Natural fertility is medium, Permeability is moderately slow or very slow. The Perry soils have a very high shrink-swell potential. Both soils have a seasonal high water table in winter and spring.
Hd	HARLESTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This gently sloping, well drained and moderately well drained soil is on terraces. It is loamy throughout the profile. Natural fertility is low. Surface runoff is medium. Permeability is moderate through the upper part of the subsoil and moderately slow through the lower part. The soil has a seasonal high water table.
He	HEBERT SILT LOAM, OCCASIONALLY FLOODED	This level, somewhat poorly drained soil is on flood plains. It is subject to occasional flooding. The soil is loamy throughout. It has medium fertility. Water and air move through the subsoil at a moderately slow rate. The soil has a seasonal high water table in winter and spring.
ID	IUKA-DELA COMPLEX, FREQUENTLY FLOODED	These level soils are on flood plains. They are frequently flooded. The moderately well drained Iuka soil is on low ridges. The well drained Ochlockonee soil is on the higher ridges. Both soils are loamy throughout. Natural fertility is low. The Iuka soil has a seasonal high water table.

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KR	KIRVIN FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
Kn	KIRVIN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, gently sloping soil is on ridgetops on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is medium. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
LF	LIBUSE SILT LOAM, 5 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.
LT	LITRO CLAY, FREQUENTLY FLOODED	This level, poorly drained soil is in backswamps on flood plains. It is subject to frequent flooding. The soil is clayey throughout. Permeability is very slow. Natural fertility is low. The soil has a high shrink-swell potential. A seasonal high water table is near the surface for long periods in winter and spring.
Le	LIBUSE SILT LOAM, 1 TO 5 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.
MH	MAHAN FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This well drained, moderately sloping to strongly sloping soil is on uplands. It has a loamy or gravelly surface layer and a clayey subsoil. Natural fertility is low. Runoff is rapid. Water and air move very slowly through the subsoil. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
Ma	MAHAN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This well drained, very gently sloping to gently sloping soil is on uplands. It has a loamy surface layer and a clayey subsoil. Natural fertility is low. Runoff is medium. Water and air move very slowly through the subsoil. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.

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Mn	MALBIS FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
Mr	MCLAURIN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This very gently sloping or gently sloping soil is on ridgetops on uplands. It is well drained and has a sandy surface layer and a loamy subsoil. Natural fertility is low. Permeability is moderate. Surface runoff is slow. The soil is somewhat droughty to plants.
OS	ORA FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This is a strongly sloping, moderately well drained soil on terraces. The soil is loamy throughout, and it has a fragipan in the subsoil. Natural fertility is low. Permeability is moderately slow in the fragipan. Surface runoff is rapid.
Or	ORA FINE SANDY LOAM, 1 TO 5 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.
PF	PERRY CLAY, FREQUENTLY FLOODED	This level, poorly drained or somewhat poorly drained soil is at low elevations on the alluvial plain. It is flooded frequently for very long periods. This soil is clayey throughout or it has a loamy surface layer and a clayey subsoil. Natural fertility is high. Surface runoff is very slow. Water and air move very slowly through the soil. The seasonal high water table is near the soil surface. This soil has a very high shrink-swell potential. Slopes are less than 1 percent.
PR	PORTLAND CLAY, FREQUENTLY FLOODED	This level, poorly drained or somewhat poorly drained soil is at low elevations on the alluvial plain. It is flooded frequently for very long periods. This soil is clayey throughout or it has a loamy surface layer and a clayey subsoil. Natural fertility is high. Surface runoff is very slow. Water and air move very slowly through the soil. The seasonal high water table is near the soil surface. This soil has a very high shrink-swell potential. Slopes are less than 1 percent.
Po	PORTLAND SILTY CLAY LOAM, OCCASIONALLY FLOODED	This level, somewhat poorly drained soil is on flood plains. It is subject to occasional flooding. The soil has a loamy surface layer and a clayey subsoil. Water and air move through the subsoil very slowly. The soil has a high shrink-swell potential in the subsoil. It has a seasonal high water table for long periods in winter and spring. Natural fertility is medium.

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SB	SACUL VERY FINE SANDY LOAM, 5 TO 12 PERCENT SLOPES	This moderately well drained, moderately sloping to strongly sloping soil is on side slopes on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is rapid. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
SH	SAVANNAH FINE SANDY LOAM, 5 TO 12 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.
		This is a strongly sloping, moderately well drained soil on terraces. The soil is loamy throughout, and it has a fragipan in the subsoil. Natural fertility is low. Permeability is moderately slow in the fragipan. Surface runoff is rapid.
SL	SAWYER SILT LOAM, 5 TO 8 PERCENT SLOPES	This moderately sloping, moderately well drained soil is on uplands. It has a loamy surface layer and a clayey and loamy subsoil. Permeability is slow. Natural fertility is low. Surface runoff is medium. The shrink-swell potential in the subsoil is high. The soil has a seasonal high water table in winter and spring.
SM	SMITHDALE FINE SANDY LOAM, 8 TO 15 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.
Sa	SACUL VERY FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, gently sloping soil is on ridgetops on uplands. It has a loamy surface layer and a clayey subsoil. Runoff is medium. Water and air move slowly or very slowly through the subsoil. The soil is acid throughout and has low fertility. The subsoil has a high shrink-swell potential. In places, the soil is moderately eroded.
Sg	SAVANNAH FINE SANDY LOAM, 1 TO 5 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.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Sk	SAWYER SILT LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping or gently sloping soil is on terraces. It is loamy in the upper part of the subsoil and clayey in the lower part. Natural fertility is low or moderately low. Runoff is slow to medium. Water and air move slowly or very slowly through the clayey part of the subsoil. A seasonal high water table is perched on the clayey subsoil for long periods in winter and spring. In places, the soil is moderately eroded.
So	SMITHTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	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.
St	STERLINGTON VERY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	This very gently sloping, well drained soil is on natural levees on alluvial plains. It is loamy throughout the profile. Natural fertility is medium. Permeability is moderate. Surface runoff is slow.
Tr	TREP LOAMY FINE SAND, 1 TO 5 PERCENT SLOPES	This gently sloping, moderately well drained soil is on ridgetops on uplands. It has thick sandy surface and subsurface layers and a loamy and clayey subsoil. Natural fertility is low. Permeability is rapid in the sandy upper part of the soil, moderate in the middle part, and moderately slow in the lower part. The available water capacity is low or moderate. The soil has a seasonal high water table perched on the subsoil during the wet season.
Wc	WARNOCK FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	This moderately well drained, very gently sloping to gently sloping soil is on uplands. It is loamy throughout and has plinthite in the lower part of the subsoil. Natural fertility is low. Runoff is medium, and water and air move moderately slowly through the soil.
Wr	WRIGHTSVILLE SILT LOAM, OCCASIONALLY FLOODED	This level, poorly drained soil is on low stream terraces. It is subject to occasional flooding. The soil has a loamy surface layer and a clayey subsoil. Water and air move through the subsoil very slowly. The shrink-swell potential in the subsoil is high. The soil has a seasonal high water table for long periods in winter and spring. Natural fertility is low.