

Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

AaC2 - Aceitunas Clay, 2 To 12 Percent Slopes, Eroded

THE ACEITUNAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 36 INCHES IS YELLOWISH RED CLAY AND FROM 36 TO 60 INCHES IS RED CLAY.

Aceitunas arcilloso, 2-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia mediana y fertilidad natural mediana. Se deben de arar cuando el contenido de humedad sea optimo. Las cosechas responden bien a aplicaciones de cal y fertilizantes. El control de erosion es primordial en el manejo.

AbC2 - Aceitunas Sandy Clay Loam, 2 To 12 Percent Slopes, Eroded

THE ACEITUNAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 36 INCHES IS YELLOWISH RED CLAY AND FROM 36 TO 60 INCHES IS RED CLAY.

Aceitunas arenoso arcilloso lomico, 2-12 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos, textura moderadamente fina, son inclinados y con erosion moderada. La permeabilidad es moderada y la capacidad de retencion de agua es moderada. La escorrentia y la fertilidad son moderadas.

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AcD - Aguilita Cobbly Clay, 5 To 20 Percent Slopes

THE AGUILITA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY, THESE SOILS HAVE A VERY DARK GRAYISH BROWN AND LIGHT BROWNISH GRAY GRAVELLY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE MATERIAL FROM 6 TO 10 INCHES IS VERY DARK GRAYISH BROWN AND DARK GRAYISH BROWN VERY GRAVELLY CLAY LOAM. THE SUBSTRATUM FROM 10 TO 60 INCHES IS WHITE, SOFT LIMESTONE THAT TEXTURES TO LOAM.

Aguilita guijarroso arcilloso, 5-20 por ciento de inclinacion. Suelos poco profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. Tienen muchos guijarros calizos duros en la superficie y a traves del perfil. Lo escaso de la lluvia es una condicion desfavorable.

AcE - Aguilita Cobbly Clay, 20 To 50 Percent Slopes

THE AGUILITA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY, THESE SOILS HAVE A VERY DARK GRAYISH BROWN AND LIGHT BROWNISH GRAY GRAVELLY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE MATERIAL FROM 6 TO 10 INCHES IS VERY DARK GRAYISH BROWN AND DARK GRAYISH BROWN VERY GRAVELLY CLAY LOAM. THE SUBSTRATUM FROM 10 TO 60 INCHES IS WHITE, SOFT LIMESTONE THAT TEXTURES TO LOAM.

Aguilita guijarroso arcilloso, 20-50 por ciento de inclinacion. Suelos poco profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. Tienen muchos guijarros calizos duros en la superficie y a traves del perfil. Este suelo no se presta para cosechas de labrantio debido a la presencia de guijarros y a la poca profundidad a la roca caliza blanda.

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AdE2 - Aibonito Clay, 20 To 40 Percent Slopes, Eroded

THE AIBONITO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN SILTY CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 43 INCHES IS STRONG BROWN CLAY. THE SUBSTRATUM FROM 43 TO 65 INCHES IS RED, STRONG BROWN, AND WHITE CLAY SAPROLITE.

Aibonito arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, extremadamente acidos, textura fina, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia rapida y erosivos. La fertilidad natural es mediana y son dificiles de trabajar por ser muy viscosos y por la pegajosidad y plasticidad de la arcilla.

An - Alluvial Land

HYDRAQUENTS ARE VERY DEEP, VERY POORLY DRAINED SOILS IN LAGOON-LIKE AREAS AND DEPRESSIONS ON FLOOD PLAINS. SLOPES RANGE FROM 0 TO 2 PERCENT.

Tierra Aluvial. Ocurre en bajos de lagunas y en depresiones ubicadas en las llanuras inundables de riachuelos y rios. El nivel freatico esta en o cerca de la superficie durante la mayor parte del ano, y el agua cubre la superficie durante la epoca de lluvia. La textura varia de fina a mediana.

AoD - Anones Clay Loam, 12 To 20 Percent Slopes

THE ANONES SERIES CONSISTS OF SHALLOW WELL DRAINED. SOILS ON SIDESLOPES AND RIDGES FORMED IN MATERIAL DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DUSTY RED, CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL IS DUSKY RED SILTY CLAY LOAM. THE UPPER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS LOAM SAPROLITE.

Anones arcilloso lomico, 12-20 por ciento de inclinacion. Suelos poco profundos al saprolito, bien drenados, fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad natural es de mediana a baja. La escorrentia es rapida. Son faciles de trabajar.

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AoE2 - Anones Clay Loam, 20 To 40 Percent Slopes, Eroded

THE ANONES SERIES CONSISTS OF SHALLOW WELL DRAINED. SOILS ON SIDESLOPES AND RIDGES FORMED IN MATERIAL DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DUSTY RED, CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL IS DUSKY RED SILTY CLAY LOAM. THE UPPER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS LOAM SAPROLITE.

Anones arcilloso lomico, 20-40 por ciento de inclinacion, erodado. Suelos poco profundos al saprolito, bien drenados, fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad natural es de mediana a baja. La escorrentia es rapida.

AoF2 - Anones Clay Loam, 40 To 60 Percent Slopes, Eroded

THE ANONES SERIES CONSISTS OF SHALLOW WELL DRAINED. SOILS ON SIDESLOPES AND RIDGES FORMED IN MATERIAL DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DUSTY RED, CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL IS DUSKY RED SILTY CLAY LOAM. THE UPPER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM IS WEAK RED LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS LOAM SAPROLITE.

Anones arcilloso lomico, 40-60 por ciento de inclinacion, erodado. Suelos poco profundos al saprolito, bien drenados, fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad natural es de mediana a baja. La escorrentia es rapida.

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Ba - Bajura Clay

THE BAJURA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND GRAY CLAY. THE SUBSTRATUM FROM 12 TO 54 INCHES IS DARK GRAY AND DARK GREENISH GRAY CLAY. SLOPES RANGE FROM 0 TO 2 PERCENT.

Bajura arcilloso. Suelos casi llanos, mal drenados, en llanos inundables a lo largo de los rios. Son medianamente acidos, de permeabilidad lenta y capacidad de retencion de agua alta. El nivel freatico esta periodicamente alto. Son fertiles y dificiles de trabajar por la arcilla.

BcB - Bejucos Sandy Clay Loam, 2 To 5 Percent Slopes

THE BEJUCOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SMALL VALLEYS BETWEEN LIMESTONE HILLS ON COASTAL PLAINS. THEY FORMED IN LOAMY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN SANDY LOAM SURFACE LAYER 9 INCHES THICK. THE UNDERLYING HORIZON IS DARK YELLOWISH BROWN SANDY CLAY LOAM. THE UPPER SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY LOAM. BELOW IS YELLOWISH BROWN, SILTY CLAY. LOWER SUBSOIL IS 60 INCHES IS STRONG BROWN, SILTY CLAY LOAM.

Bejucos arenoso arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, ligeramente inclinados, fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La erosion es moderada. Son faciles de trabajar.

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BeB - Bejucos Sandy Loam, 2 To 5 Percent Slopes

THE BEJUCOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SMALL VALLEYS BETWEEN LIMESTONE HILLS ON COASTAL PLAINS. THEY FORMED IN LOAMY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN SANDY LOAM SURFACE LAYER 9 INCHES THICK. THE UNDERLYING HORIZON IS DARK YELLOWISH BROWN SANDY CLAY LOAM. THE UPPER SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY LOAM. BELOW IS YELLOWISH BROWN, SILTY CLAY. LOWER SUBSOIL IS 60 INCHES IS STRONG BROWN, SILTY CLAY LOAM.

Bejucos arenoso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, ligeramente inclinados, fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua y la fertilidad es baja. La erosion es moderada. Son faciles de trabajar. Este suelo se presta para cultivo limpio.

CaC - Cabo Rojo Clay, 2 To 12 Percent Slopes

THE CABO ROJO SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS IN HILLS AND FOOTSLOPES. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS STRONG BROWN CLAY. THE LOWER SUBSOIL TO 60 INCHES IS PALE GREEN, GREENISH GRAY, AND BROWN CLAY.

Cabo Rojo arcilloso, 2-12 por ciento de inclinacion. Son suelos profundos, moderadamente bien drenados, suavemente inclinados a inclinados, fuertemente acidos y moderadamente permeables. La escorrentia es mediana y la erosion es un peligro. La capacidad de retencion de agua es moderada y la fertilidad es mediana. Son dificil de trabajar debido a la arcilla.

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CaC2 - Cabo Rojo Clay, 2 To 12 Percent Slopes, Eroded

THE CABO ROJO SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS IN HILLS AND FOOTSLOPES. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS STRONG BROWN CLAY. THE LOWER SUBSOIL TO 60 INCHES IS PALE GREEN, GREENISH GRAY, AND BROWN CLAY.

Cabo Rojo arcilloso, 2-12 por ciento de inclinacion, erodado. Son suelos profundos, moderadamente bien drenados, suavemente inclinados a inclinados, fuertemente acidos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro. La capacidad de retencion de agua es moderada y la fertilidad es mediana. Son dificil de trabajar debido a la arcilla.

CbF2 - Caguabo Clay Loam, 20 To 60 Percent Slopes, Eroded

THE CAGUABO SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 10 INCHES IS BROWN VERY GRAVELLY CLAY LOAM. WEATHERED ROCK FRAGMENTS ARE AT 10 TO 16 INCHES. CONSOLIDATED VOLCANIC ROCK IS AT 16 INCHES.

Caguabo arcilloso lomico, 20-60 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro.

CcB - Camaguey Clay, 2 To 5 Percent Slopes

CAMAGUEY SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON FOOTSLOPES. THEY FORMED IN CLAYEY SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A BLACK SURFACE LAYER 14 INCHES THICK. THE UPPER SUBSTRATUM IS DARK GRAYISH BROWN CLAY. THE LOWER SUBSTRATUM TO 60 INCHES IS OLIVE YELLOW CLAY.

Camaguey arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, algo mal drenados, moderadamente alcalinos y permeabilidad lenta. La capacidad de retencion de agua es alta y son fertiles. Son dificiles de trabajar debido a la arcilla.

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Cd - Catano Sand

THE CATANO SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ALONG THE COAST. THEY FORMED IN CALCAREOUS SANDY SEDIMENTS CONSISTING OF SHELL FRAGMENTS AND VOLCANIC SUBROUNDED FRAGMENTS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN SAND SURFACE LAYER 4 INCHES THICK. THE UNDERLYING MATERIAL FROM 4 TO 10 INCHES IS DARK BROWN SAND, FROM 10 TO 50 INCHES IS BROWN SAND, AND FROM 50 TO 60 INCHES IS GRAYISH BROWN SAND.

Catano arenoso. Suelos profundos, excesivamente drenados, casi llanos, calcareos y de permeabilidad rapida. La capacidad de retencion de agua y la fertilidad son bajas.

Ce - Catano Sandy Clay Loam

THE CATANO SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ALONG THE COAST. THEY FORMED IN CALCAREOUS SANDY SEDIMENTS CONSISTING OF SHELL FRAGMENTS AND VOLCANIC SUBROUNDED FRAGMENTS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN SAND SURFACE LAYER 4 INCHES THICK. THE UNDERLYING MATERIAL FROM 4 TO 10 INCHES IS DARK BROWN SAND, FROM 10 TO 50 INCHES IS BROWN SAND, AND FROM 50 TO 60 INCHES IS GRAYISH BROWN SAND.

Catano arenoso arcilloso lomico. Suelos profundos, excesivamente drenados, casi llanos, calcareos y de permeabilidad rapida. La capacidad de retencion de agua es moderada en la superficie, pero durante periodos largos de sequia, las plantas se perjudican por la falta de humedad. La fertilidad es mediana. Son faciles de trabajar.

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CfC2 - Cidral Clay, 2 To 12 Percent Slopes, Eroded

THE CIDRAL SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN VALLEYS BETWEEN LIMESTONE HILLS. THEY FORMED IN CLAYEY SEDIMENTS DERIVED FROM LIMESTONE AND VOLCANIC ROCKS. TYPICALLY THE SOILS HAVE A DARK YELLOWISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL TO 29 INCHES IS YELLOWISH BROWN AND RED CLAY. THE LOWER SUBSOIL TO 75 INCHES IS BROWNISH YELLOW CLAY AND CLAY LOAM.

Cidral arcilloso, 2-12 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos a extremadamente acidos y moderadamente permeables. La capacidad de retencion de agua es alta y la fertilidad es mediana. La erosion es un peligro.

Ch - Coastal Beach

BEACHES ARE SANDY SHORES WASHED AND REWASHED BY WAVES. THESE AREAS MAY BE COVERED WITH WATER DURING HIGH TIDES OR STORMS.

Playa Costanera. Consiste de franjas estrechas de arenas de playa a lo largo de las costas. Estas arenas ocupan terrenos casi llanos, escarpas arenosas y dunas. La profundidad al agua salada es variable. Las arenas son calcareas.

ClD - Colinas Clay Loam, 12 To 20 Percent Slopes

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 12-20 por ciento de inclinacion. Suelos moderadamente profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. La erosion es un peligro. Estos suelos no se prestan para cultivos limpios.

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C1E - Colinas Clay Loam, 20 To 40 Percent Slopes

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 20-40 por ciento de inclinacion. Suelos moderadamente profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro.

C1F2 - Colinas Clay Loam, 20 To 60 Percent Slopes, Eroded

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas arcilloso lomico, 20-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro.

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CmD - Colinas Cobbly Clay Loam, 12 To 20 Percent Slopes

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas guijarroso arcilloso lomico, 12-20 por ciento de inclinacion. Suelos moderadamente profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. Tiene un perfil similar al descrito como representativo de la serie, pero tiene a traves de todo el perfil fragmentos redondeados o parcialmente redondeados de roca caliza que varian en diametro desde 3 hasta 10 pulgadas. La escorrentia es rapida y la erosion es un peligro.

CmE - Colinas Cobbly Clay Loam, 20 To 40 Percent Slopes

THE COLINAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS DARK GRAYISH BROWN CLAY LOAM AND FROM 12 TO 16 INCHES IS PALE BROWN CLAY LOAM. THE SUBSTRATUM FROM 16 TO 20 INCHES IS LIGHT YELLOWISH BROWN CLAY LOAM AND FROM 20 TO 60 INCHES IS SOFT, YELLOW AND WHITE LIMESTONE.

Colinas guijarroso arcilloso lomico, 20-40 por ciento de inclinacion. Suelos moderadamente profundos a la roca caliza blanda, bien drenados, calcareos y moderadamente permeables. Tiene un perfil similar al descrito como representativo de la serie, pero tiene a traves de todo el perfil fragmentos redondeados o parcialmente redondeados de roca caliza que varian en diametro desde 3 hasta 10 pulgadas. La escorrentia es rapida y la erosion es un peligro.

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Cn - Coloso Silty Clay Loam

THE COLOSO SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN STRATIFIED ALLUVIAL SEDIMENTS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE UNDERLYING MATERIAL FROM 7 TO 13 INCHES IS BROWN SILTY CLAY LOAM, FROM 13 TO 33 INCHES IS DARK GRAY AND AND LIGHT GRAY SILTY CLAY LOAM, AND FROM 33 TO 60 INCHES IS DARK GRAY SILTY CLAY.

Coloso limo arcilloso lomico. Suelos profundos, algo mal drenados, casi llanos, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es alta y son fertiles.

CoE - Consumo Clay, 20 To 40 Percent Slopes

CONSUMO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 14 INCHES IS RED CLAY AND FROM 14 TO 20 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED, YELLOW, BROWN, AND LIGHT GRAY SILTY CLAY LOAM SAPROLITE.

Consumo arcilloso, 20-40 por ciento de inclinacion. Suelo moderadamente profundo al saprofito, bien drenados, muy fuertemente acidos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro.

CoF2 - Consumo Clay, 40 To 60 Percent Slopes, Eroded

CONSUMO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 14 INCHES IS RED CLAY AND FROM 14 TO 20 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED, YELLOW, BROWN, AND LIGHT GRAY SILTY CLAY LOAM SAPROLITE.

Consumo arcilloso, 40-60 por ciento de inclinacion. Suelo moderadamente profundo al saprofito, bien drenados, muy fuertemente acidos y moderadamente permeables. La escorrentia es rapida y la erosion es un peligro.

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Cr - Corcega Silty Clay Loam

THE CORCEGA SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED, SOILS IN FLOODPLAINS. THEY FORMED IN LOAMY SEDIMENTS OF MIXED ORIGIN OVER SANDS. TYPICALLY THESE SOILS HAVE DARK BROWN, SILTY CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS DARK BROWN, MOTTLED SILTY CLAY LOAM. THE LOWER SUBSOIL IS DARK GRAY, MOTTLED, SANDY CLAY LOAM. THE SUBSTRATUM TO A DEPTH OF 50 INCHES IS DARK GRAY SAND. SLOPES RANGE FROM 0 TO 2 PERCENT.

Corcega limo arcilloso lomico. Suelos moderadamente profundos a arenas, algo mal drenados, ligeramente acidos y moderadamente permeables. El nivel freatico es periodicamente alto. Son fertiles y la capacidad de retencion de agua es alta. Es facil de trabajar.

CtB2 - Cotito Clay, 0 To 5 Percent Slopes, Eroded

THE COTITO SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON FOOTSLOPES AND IN VALLEYS. THEY FORMED IN SEDIMENTS DERIVED FROM LIMESTONE, TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 24 INCHES IS YELLOWISH RED CLAY AND FROM 24 TO 29 INCHES IS STRONG BROWN CLAY. HARD FRAGMENTAL LIMESTONE IS AT 29 INCHES.

Cotito arcilloso, 0-5 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad es mediana. Son facil de trabajar.

CuB2 - Coto Clay, 2 To 5 Percent Slopes, Eroded

THE COTO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL FROM 9 TO 14 INCHES IS REDDISH BROWN CLAY, FROM 14 TO 19 INCHES IS YELLOWISH RED CLAY, AND FROM 19 TO 70 INCHES IS STRONG BROWN CLAY.

Coto arcilloso, 2-5 por ciento de inclinacion, erodado. Suelos profundos, de buen desague, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La erosion es un peligro. Son faciles de trabajar.

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Nontechnical Descriptions
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CuC2 - Coto Clay, 5 To 12 Percent Slopes, Eroded

THE COTO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL FROM 9 TO 14 INCHES IS REDDISH BROWN CLAY, FROM 14 TO 19 INCHES IS YELLOWISH RED CLAY, AND FROM 19 TO 70 INCHES IS STRONG BROWN CLAY.

Coto arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos profundos, de buen desague, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La erosion es un peligro. Son faciles de trabajar.

CvB - Coto Sandy Clay Loam, 2 To 5 Percent Slopes

THE COTO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN FINE TEXTURED SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL FROM 9 TO 14 INCHES IS REDDISH BROWN CLAY, FROM 14 TO 19 INCHES IS YELLOWISH RED CLAY, AND FROM 19 TO 70 INCHES IS STRONG BROWN CLAY.

Coto arenoso arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, de buen desague, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La erosion es un peligro. Son faciles de trabajar.

CwF - Cuchillas Silty Clay Loam, 20 To 60 Percent Slopes

THE CUCHILLAS SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS DEVELOPED IN SIDESLOPES AND RIDGES. THEY FORMED ON LOAMY MATERIALS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE DARK BROWN, SILTY CLAY LOAM SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY LOAM. SUBSTRATUM TO 26 INCHES IS WEATHERED VOLCANIC ROCK. BELOW THIS LAYER IS SEMICONSOLIDATED VOLCANIC ROCK.

Cuchillas limo arcilloso lomico, 20-60 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados,, fuertemente acidos y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro.

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Nontechnical Descriptions
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DaD2 - Daguey Clay, 12 To 20 Percent Slopes, Eroded

THE DAGUEY SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A BROWN CLAY SURFACE LAYER 10 INCHES THICK. A SUBSURFACE LAYER FROM 10 TO 14 INCHES IS REDDISH BROWN CLAY. THE SUBSOIL FROM 14 TO 23 INCHES IS YELLOWISH RED CLAY AND FROM 23 TO 72 INCHES IS RED CLAY. THE SUBSTRATUM FROM 72 TO 90 INCHES IS YELLOWISH RED SILTY CLAY LOAM.

Daguey arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro. Son un poco dificil de trabajar.

DaE2 - Daguey Clay, 20 To 40 Percent Slopes, Eroded

THE DAGUEY SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A BROWN CLAY SURFACE LAYER 10 INCHES THICK. A SUBSURFACE LAYER FROM 10 TO 14 INCHES IS REDDISH BROWN CLAY. THE SUBSOIL FROM 14 TO 23 INCHES IS YELLOWISH RED CLAY AND FROM 23 TO 72 INCHES IS RED CLAY. THE SUBSTRATUM FROM 72 TO 90 INCHES IS YELLOWISH RED SILTY CLAY LOAM.

Daguey arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y moderadamente permeables. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro. Son un poco dificil de trabajar.

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DcD2 - Delicias Clay, 5 To 20 Percent Slopes, Eroded

THE DELICIAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN FOOTSLOPES AND ALLUVIAL FANS. THEY FORMED IN HIGHLY WEATHERED CLAY SEDIMENTS RICH IN IRON FRAGMENTS AND CONCRETIONS. TYPICALLY THESE SOILS HAVE DARK REDDISH BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE SUBSOIL TO 60 INCHES IS DARK RED CLAY.

Delicias arcilloso, 5-20 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es moderada y la fertilidad es baja. Son facil de trabajar.

DeC - Descalabrado Clay Loam, 5 To 12 Percent Slopes

THE DESCALABRADO SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS DARK BROWN GRAVELLY CLAY. HARD VOLCANIC ROCK IS AT 12 INCHES.

Descalabrado arcilloso lomico, 5-12 por ciento de inclinacion. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de humedad es moderada. La erosion es un peligro. Estos suelos son fertiles. Son faciles de trabajar.

DeD - Descalabrado Clay Loam, 12 To 20 Percent Slopes

THE DESCALABRADO SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS DARK BROWN GRAVELLY CLAY. HARD VOLCANIC ROCK IS AT 12 INCHES.

Descalabrado arcilloso lomico, 12-20 por ciento de inclinacion. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada. Estos suelos son fertiles. La erosion es un peligro. Son faciles de trabajar.

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DeF - Descalabrado Clay Loam, 20 To 60 Percent Slopes

THE DESCALABRADO SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS DARK BROWN GRAVELLY CLAY. HARD VOLCANIC ROCK IS AT 12 INCHES.

Descalabrado arcilloso lomico, 20-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es moderada. Estos suelos son fertiles. La escorrentia es rapida y la erosion es un peligro. Son facil de trabajar.

Du - Dique Silt Loam

THE DIQUE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN FLOODPLAINS. THEY FORMED IN LOAMY MATERIALS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, SILT LOAM SURFACE LAYER 6 INCHES THICK. THE UPPER SUBSOIL IS DARK GRAYISH BROWN LOAM. THE LOWER SUBSOIL IS DARK YELLOWISH BROWN SILT LOAM. THE SUBSTRATUM TO 60 INCHES IS DARK YELLOWISH BROWN LOAM.

Dique limoso lomico. Son suelos profundos, casi llanos, bien drenados, medianamente acidos y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua moderada. La erosion es un peligro leve. El suelo es de facil laboreo.

Es - Espinal Sand

THE ESPINAL SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED, SOILS ALONG THE COAST. THEY FORMED IN SAND FROM SHELL AND VOLCANIC FRAGMENTS. TYPICALLY THESE SOILS HAVE DARK BROWN SAND SURFACE LAYERS 12 INCHES THICK. THE UNDERLYING LAYER IS DARK YELLOWISH BROWN SAND 7 INCHES THICK. THE SUBSTRATUM TO 60 INCHES IS VERY PALE BROWN SAND.

Espinal arenoso. Suelos profundos, casi llanos, excesivamente drenados y de permeabilidad rapida. Son medianamente acidos, la capacidad de retencion de agua es baja y la fertilidad pobre.

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GnC - Guanajibo Sandy Loam, 2 To 12 Percent Slopes

THE GUANAJIBO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL TERRACES AND ALLUVIAL FANS. THEY FORMED IN LOAMY FANS. THEY FORMED IN LOAMY OVER CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE A REDDISH BROWN, LOAM SURFACE LAYER 10 INCHES THICK. THE UPPER SUBSOIL TO 37 INCHES IS YELLOWISH RED SANDY CLAY LOAM AND CLAY LOAM. THE LOWER SUBSOIL TO 60 INCHES IS RED CLAY.

Guanajibo arenoso lomico, 2-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es baja en la capa superficial y la fertilidad es pobre. La erosion es un peligro.

GoC - Guanajibo Loam, 2 To 12 Percent Slopes

THE GUANAJIBO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL TERRACES AND ALLUVIAL FANS. THEY FORMED IN LOAMY FANS. THEY FORMED IN LOAMY OVER CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE A REDDISH BROWN, LOAM SURFACE LAYER 10 INCHES THICK. THE UPPER SUBSOIL TO 37 INCHES IS YELLOWISH RED SANDY CLAY LOAM AND CLAY LOAM. THE LOWER SUBSOIL TO 60 INCHES IS RED CLAY.

Guanajibo lomico, 2-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es baja en la capa superficial y la fertilidad es pobre. La erosion es un peligro.

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GuB - Guerrero Sand, 2 To 5 Percent Slopes

THE GUERRERO SOILS CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED, SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE DARK BROWN, SANDY SURFACE AND SUBSURFACE LAYERS 22 INCHES THICK. THE UNDERLYING LAYER TO 28 INCHES IS YELLOWISH RED, LOAMY SAND. THE UPPER SUBSOIL IS YELLOWISH RED, SANDY CLAY. THE LOWER SUBSOIL TO 60 INCHES IS STRONG BROWN AND YELLOWISH BROWN CLAY WITH PLINTHITE.

Guerrero arenoso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, de permeabilidad rapida en la capa superficial y moderadamente lenta en el subsuelo. La capacidad de retencion de agua es baja y la fertilidad es pobre.

HmD2 - Humatas Clay, 12 To 20 Percent Slopes, Eroded

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro. El suelo es dificil de trabajar.

HmE2 - Humatas Clay, 20 To 40 Percent Slopes, Eroded

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es rapida y la erosion es un peligro.

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HmF2 - Humatas Clay, 40 To 60 Percent Slopes, Eroded

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas arcilloso, 40-60 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es rapida y la erosion es un peligro. El suelo es dificil de trabajar.

HuE - Humatas Gravelly Clay, 12 To 40 Percent Slopes

THE HUMATAS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 9 INCHES IS YELLOWISH RED CLAY, FROM 9 TO 25 INCHES IS RED CLAY, AND FROM 25 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Humatas cascajoso arcilloso, 12-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La escorrentia es de mediana a rapida y la erosion es un peligro. El suelo es dificil de trabajar.

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Ig - Igualdad Clay

THE IGUALDAD SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FLOODPLAINS. THEY FORMED IN CLAYEY SEDIMENTS OVER SAND. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, CLAY SURFACE LAYERS 4 INCHES THICK. THE UPPER SUBSOIL IS VERY DARK GRAY CLAY. THE LOWER SUBSOIL IS DARK GRAY CLAY TO 24 INCHES. THE UPPER SUBSTRATUM IS DARK GREENISH GRAY SANDY CLAY TO 30 INCHES. THE LOWER SUBSTRATUM TO 60 INCHES IS DARK GREENISH GRAY SAND. SLOPE RANGES FROM 0 TO 2 PERCENT.

Igualdad arcilloso. Suelos profundos, casi llanos, mal drenados y de permeabilidad lenta. La capacidad de retencion de humedad es alta. El nivel freatico esta periodicamente alto. Son fertiles. Son dificil de trabajar.

JaC - Jacana Clay, 5 To 12 Percent Slopes

THE JACANA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON ALLUVIAL FANS, FOOTSLOPES AND HILLS. THEY FORMED IN CLAYEY MATERIALS WEATHERED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE VERY DARK BROWN, CLAY SURFACE LAYERS 6 INCHES THICK. THE LAYER FROM 6 TO 21 INCHES IS DARK BROWN, CLAY. THE LAYER FROM 21 TO 28 INCHES IS SANDY CLAY LOAM AND CLAY LOAM. BELOW IS SEMICONSOLIDATED VOLCANIC ROCK.

Jacana arcilloso, 5-12 por ciento de inclinacion. Suelos moderadamente profundos, moderadamente bien drenados y de permeabilidad moderadamente lenta. La capacidad de retencion de agua es alta y son fertiles. La erosion es un peligro. Son dificil de trabajar.

Jd - Jaucas Sand

THE JAUCAS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ALONG THE COAST. THEY FORMED IN MARINE DEPOSITS OF SAND SIZE CORALS AND SEA SHELLS. TYPICALLY THESE SOILS HAVE A GRAYISH BROWN SAND SURFACE LAYER 6 INCHES THICK. THE UNDERLYING LAYER TO 16 INCHES IS LIGHT BROWNISH GRAY SAND. BELOW THIS LAYER IS PALE BROWN SAND. THE LOWER LAYER TO 60 INCHES IS VERY PALE BROWN SAND.

Jaucas arenoso. Suelos profundos, excesivamente drenados, calcareos y de permeabilidad rapida. La capacidad de retencion de agua es muy baja y la fertilidad es muy pobre.

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JoB - Jobos Sandy Loam, 2 To 5 Percent Slopes

THE JOBOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS ON THE COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS WITH PLINTHITE. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE SUBSOIL TO 64 INCHES IS RED CLAY WITH PLINTHITE.

Jobos arenoso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, fuertemente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de agua es baja en las capas superficiales y la fertilidad es pobre.

JuD2 - Juncal Clay, 12 To 20 Percent Slopes, Eroded

THE JUNCAL SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON FOOTSLOPES AND HILLTOPS. THEY FORMED IN LOAMY AND CLAY MATERIAL WEATHERED FROM LIMESTONE ROCKS. TYPICALLY THESE SOILS HAVE DARK GRAYISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS YELLOWISH BROWN AND BROWNISH YELLOW, CLAY. THE LOWER SUBSOIL IS BROWNISH YELLOW AND YELLOWISH BROWN CLAY. THE SUBSTRATUM TO 66 INCHES IS BROWNISH YELLOW, SILTY CLAY LOAM.

Juncal arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos profundos, moderadamente drenados, medianamente acidos, de textura arcillosa y de permeabilidad moderada. La capacidad de retencion de agua es alta. La escorrentia es mediana y la erosion es un peligro. Son fertiles y un poco dificil de trabajar.

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LaB2 - Lares Clay, 0 To 5 Percent Slopes, Eroded

THE LARES SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON TERRACES. THEY FORMED IN SEDIMENTS DERIVED FROM WEATHERED VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY SURFACE LAYER 9 INCHES THICK. THE CLAY SUBSOIL LAYERS FROM 9 TO 45 INCHES ARE LIGHT YELLOWISH BROWN, GRAYISH BROWN, AND YELLOWISH BROWN. THE SUBSTRATUM FROM 45 TO 71 INCHES IS WEATHERED ROCK FRAGMENTS OF CLAY TEXTURE.

Lares arcilloso, 0-5 por ciento de declive, erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderada. Son muy fuertemente acidos y de textura limo-arcillosa. La capacidad de retencion de agua es alta y la fertilidad es mediana. La erosion es un peligro moderado.

LaD2 - Lares Clay, 5 To 20 Percent Slopes, Eroded

THE LARES SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON TERRACES. THEY FORMED IN SEDIMENTS DERIVED FROM WEATHERED VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY SURFACE LAYER 9 INCHES THICK. THE CLAY SUBSOIL LAYERS FROM 9 TO 45 INCHES ARE LIGHT YELLOWISH BROWN, GRAYISH BROWN, AND YELLOWISH BROWN. THE SUBSTRATUM FROM 45 TO 71 INCHES IS WEATHERED ROCK FRAGMENTS OF CLAY TEXTURE.

Lares arcilloso, 5-20 por ciento de declive, erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderada. Son muy fuertemente acidos y de textura limo-arcillosa. La capacidad de retencion de agua es alta y la fertilidad es mediana. La erosion es un peligro.

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Nontechnical Descriptions
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Lc - Levelled Clayey Land

THESE AREAS CONSIST OF DRASTICALLY DISTURBED AREAS OF SOIL. THE PROPERTIES OF THE SOIL ARE VARIABLE.

Tierra nivelada arcillosa. Esta en areas que han sido tan perturbadas por maquinarias movedoras de tierra que es imposible reconocer el suelo original. El material del suelo existente es mayormente bien drenado, fuertemente acido, de permeabilidad moderada y textura arcillosa. El material subyacente esta altamente meteorizado y es de facil laboreo por la maquinaria movedora de tierra. La profundidad a la roca dura es de mas de 6 pies. En la mayoria de los sitios donde se han efectuado operaciones de corte y relleno, se usan para residencias y para industrias livianas. Se requiere un cuidado especial en sitios que van a ser usados para residencias porque el material del suelo tiene una compactacion muy pobre.

Le - Levelled Clayey Land, Shallow

THESE AREAS CONSIST OF DRASTICALLY DISTURBED AREAS OF SOIL. THE PROPERTIES OF THE SOIL ARE VARIABLE.

Tierra nivelada arcillosa, poco profunda. Esta en areas que han sido tan perturbadas por maquinarias movedoras de tierra que es imposible reconocer el suelo original. El perfil del suelo original ha sido cambiado por cortes, rellenos, y nivelacion. El declive original varia desde 12 hasta 60 por ciento. El material al presente es bien drenado, de permeabilidad moderada, granular, muy fuertemente acido, de arcillas no expansivas. Es poco profundo, a la roca serpentinita semi-consolidada subyacente. Sitios para enclavar residencias y para establecer carreteras han sido provistos por operaciones de corte y rellenos que son muy costosas.

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Lf - Leveled Land, Frequently Flooded

THESE AREAS CONSIST OF DRASTICALLY DISTURBED AREAS OF SOIL. THE PROPERTIES OF THE SOIL ARE VARIABLE.

Tierra nivelada, inundable con frecuencia. Tierra nivelada, inundable con frecuencia que esta en los llanos inundables a lo largo de los rios. Consiste de material que ha sido tan perturbado por maquinaria movedora de tierra, al extremo que no es posible reconocer el suelo original. El material del suelo al presente consiste de sedimentos aluviales que son mayormente de textura arcillosa, limo-arcillosa lomica y limosa-lomica. Estos sedimentos por lo general tienen mas de 4 pies de profundidad. El material de suelo es de neutral a levemente acido, de desagüe un tanto pobre a moderadamente bien drenado y moderadamente permeable. Su proximidad a los rios presenta un riesgo, pues pueden sufrir inundaciones durante aguaceros fuertes. Se han desarrollado solares tanto para fines residenciales como para fines industriales y comerciales y se han trazado carreteras mediante operaciones costosas de relleno en estos suelos.

Lm - Leveled Sandy Land

THESE AREAS CONSIST OF DRASTICALLY DISTURBED AREAS OF SOIL. THE PROPERTIES OF THE SOIL ARE VARIABLE.

Tierra nivelada arenosa. Esta en areas cercanas a la playa, donde el material del suelo ha sido tan perturbado por maquinaria movedora de tierra que no es posible reconocer el suelo original. Es moderadamente alcalino y calcareo, de textura arenosa y lomico arenosa y por lo general tiene una profundidad de mas de 5 pies. Estas areas han sido desarrolladas para solares residenciales, industriales y comerciales y han servido para el trazado de carreteras y areas recreativas, mediante operaciones a bajo costo. Algunas areas representan depositos de arenas que han sido rellenados mediante dragado de los fondos marinos, a un costo alto.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

Lo - Limestone Outcrop

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Afloraciones calizas. Esta en areas donde la roca caliza dura y masiva aflora en un 75 a 100 por ciento de la superficie. El declive varia desde 0 hasta 60 por ciento. El uso de este tipo de tierra esta restringido a habitat de vida silvestre o a la provision de agua. Las limitaciones en el uso de este tipo de tierra para otros propositos son muy severas. En la mayor parte de las areas la vegetacion consiste de bosques enmalezados y pastos enmalezados que tienen muy poco valor agricola, pero en las areas semi-aridas la vegetacion es mayormente de cactus y de brenales bajos.

Lr - Limestone Rock Land

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Tierra roca caliza. Esta en areas donde el 25 al 75 por ciento de la superficie esta cubierta por roca caliza dura, macisa, de color gris y gris rosado. El declive varia desde 0 hasta 60 por ciento. Este tipo de tierra no se presta para cosechas de cultivo limpio.

LuD2 - Los Guineos Clay, 12 To 20 Percent Slopes, Eroded

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

Los Guineos arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, de extremada a muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es alta y la fertilidad es un tanto pobre. La escorrentia es rapida y la erosion es un peligro.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

LuF2 - Los Guineos Clay, 20 To 60 Percent Slopes, Eroded

THE LOS GUINEOS SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BROWN SILTY CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE CLAY SUBSOIL FROM 5 TO 15 INCHES IS YELLOWISH BROWN, FROM 15 TO 24 INCHES IS REDDISH YELLOW, FROM 24 TO 34 INCHES IS RED AND STRONG BROWN, AND FROM 34 TO 48 INCHES IS RED AND REDDISH YELLOW. THE SUBSTRATUM FROM 48 TO 60 INCHES IS CLAY SAPROLITE.

Los Guineos arcilloso, 20-60 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, de extremada a muy fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua es alta y la fertilidad es un tanto pobre. La escorrentia es rapida y la erosion es un peligro.

MaB - Mabi Clay, 2 To 5 Percent Slopes

THE MABI SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS THEY FORMED IN CLAYEY SEDIMENTS ON ALLUVIAL FANS AND TERRACES. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSURFACE LAYER TO 24 INCHES IS YELLOWISH BROWN CLAY. THE UNDERLYING LAYER TO 90 INCHES IS YELLOWISH BROWN CLAY.

Mabi arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, algo mal drenados, medianamente acidos, de textura arcillosa y de permeabilidad lenta. La capacidad de retencion de agua es alta. Son suelos fertiles.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

MaC2 - Mabi Clay, 5 To 12 Percent Slopes, Eroded

THE MABI SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS THEY FORMED IN CLAYEY SEDIMENTS ON ALLUVIAL FANS AND TERRACES. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSURFACE LAYER TO 24 INCHES IS YELLOWISH BROWN CLAY. THE UNDERLYING LAYER TO 90 INCHES IS YELLOWISH BROWN CLAY.

Mabi arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos profundos, algo mal drenados, medianamente acidos, de textura arcillosa y de permeabilidad lenta. La capacidad de retencion de agua es alta. Son suelos fertiles.

McF2 - Malaya Clay, 20 To 60 Percent Slopes, Eroded

THE MALAYA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS BROWN GRAVELLY CLAY. THE SUBSTRATUM FROM 12 TO 16 INCHES IS DARK YELLOWISH BROWN CLAY LOAM. SEMI-CONSOLIDATED CALCAREOUS TUFFACEOUS ROCK IS AT 16 INCHES.

Malaya arcilloso, 20-60 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, levemente acidos, de textura arcillosa y de permeabilidad moderada.

MdB - Maleza Fine Sandy Loam, 2 To 5 Percent Slopes

THE MALEZA SERIES CONSISTS OF VERY DEEP, WELL DRAINED, SOILS IN COASTAL PLAINS. THEY FORMED IN LOAMY OVER CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A REDDISH BROWN, FINE SANDY LOAM SURFACE LAYER 10 INCHES THICK. THE UPPER SUBSOIL IS DARK REDDISH BROWN, SANDY CLAY LOAM. THE LOWER SUBSOIL TO 60 INCHES IS RED CLAY.

Maleza arena fina lomica, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, ligeramente acidos a fuertemente acidos, y moderadamente permeables. La capacidad de retencion de agua es un tanto baja en la capa superficial. La erosion es un peligro moderado.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

Mh - Mani Silty Clay Loam, Overwash

THE MANI SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED, SOILS IN LOW TERRACES IN FLOODPLAINS. THEY FORMED IN CLAY SEDIMENTS DERIVED FROM VOLCANIC HILLS. TYPICALLY THESE SOILS HAVE BROWN, CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL IS BROWN CLAY. THE LOWER SUBSOIL IS STRONG BROWN, CLAY. THE SUBSTRATUM TO 60 INCHES IS GRAY CLAY. SLOPE RANGES FROM 0 TO 2 PERCENT.

Mani limo arcilloso lomico, excesivamente erodado. Suelos profundos, casi llanos, algo mal drenados, medianamente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de agua es alta y la capa superficial es fertil.

Mn - Mani Clay

THE MANI SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED, SOILS IN LOW TERRACES IN FLOODPLAINS. THEY FORMED IN CLAY SEDIMENTS DERIVED FROM VOLCANIC HILLS. TYPICALLY THESE SOILS HAVE BROWN, CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL IS BROWN CLAY. THE LOWER SUBSOIL IS STRONG BROWN, CLAY. THE SUBSTRATUM TO 60 INCHES IS GRAY CLAY. SLOPE RANGES FROM 0 TO 2 PERCENT.

Mani arcilloso. Suelos profundos, casi llanos, algo mal drenados, medianamente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de agua es alta y la fertilidad es mediana.

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Nontechnical Descriptions
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MoD2 - Maresua Silty Clay Loam, 12 To 20 Percent Slopes, Eroded

THE MARESUA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED, GRAVELLY SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN GRAVELLY MATERIALS WEATHERED FROM SERPENTINE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, GRAVELLY SILTY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE UPPER SUBSOIL IS DARK BROWN, GRAVELLY CLAY. THE LOWER SUBSOIL IS DARK YELLOWISH BROWN, GRAVELLY SILTY CLAY LOAM. THE SUBSTRATUM TO 45 INCHES IS PARTIALLY WEATHERED SERPENTINE.

Maresua limo arcilloso lomico, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura limo arcillosa lomica y de permeabilidad moderada. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

MoF2 - Maresua Silty Clay Loam, 20 To 60 Percent Slopes, Eroded

THE MARESUA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED, GRAVELLY SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN GRAVELLY MATERIALS WEATHERED FROM SERPENTINE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, GRAVELLY SILTY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE UPPER SUBSOIL IS DARK BROWN, GRAVELLY CLAY. THE LOWER SUBSOIL IS DARK YELLOWISH BROWN, GRAVELLY SILTY CLAY LOAM. THE SUBSTRATUM TO 45 INCHES IS PARTIALLY WEATHERED SERPENTINE.

Maresua limo arcilloso lomico, 20-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura limo arcillosa lomica y de permeabilidad moderada. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La escorrentia es rapida y la erosion es un peligro severo.

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MpD2 - Mariana Gravelly Clay, 12 To 20 Percent Slopes, Eroded

THE MARIANA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED, SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN MATERIALS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN, GRAVELLY CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS DARK BROWN AND YELLOWISH RED CLAY. THE LOWER SUBSOIL IS YELLOWISH RED CLAY. THE SUBSTRATUM IS SAPROLITE THAT IS HARD BELOW 49 INCHES.

Mariana cascajoso arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La escorrentia es mediana.

MpE2 - Mariana Gravelly Clay, 20 To 40 Percent Slopes, Eroded

THE MARIANA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED, SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN MATERIALS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN, GRAVELLY CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS DARK BROWN AND YELLOWISH RED CLAY. THE LOWER SUBSOIL IS YELLOWISH RED CLAY. THE SUBSTRATUM IS SAPROLITE THAT IS HARD BELOW 49 INCHES.

Mariana cascajoso arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro severo.

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Nontechnical Descriptions
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MrF2 - Maricao Clay, 20 To 60 Percent Slopes, Eroded

THE MARICAO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 20 INCHES IS RED CLAY. THE SUBSTRATUM FROM 20 TO 60 INCHES IS RED SILTY CLAY LOAM SAPROLITE.

Maricao arcilloso, 20-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, muy fuertemente acidos y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro.

MsB - Matanzas Clay, 2 To 5 Percent Slopes

THE MATANZAS SERIES CONSISTS OF DEEP, WELL DRAINED SOILS ON FOOTSLOPES AND IN VALLEYS. THEY FORMED IN SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 14 INCHES THICK. THE SUBSOIL FROM 14 TO 27 INCHES IS DUSKY RED CLAY AND FROM 27 TO 44 INCHES IS DARK RED CLAY. HARD FRAGMENTAL LIMESTONE IS AT 44 INCHES.

Matanzas arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, neutrales, textura arcillosa y de permeabilidad moderada. La capacidad de retencion de agua es moderada y la fertilidad es mediana. La erosion es un peligro. El suelo es de facil laboreo.

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Nontechnical Descriptions
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MtB - Matanzas-Limestone Rockland Complex, 0 To 5 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

THE MATANZAS SERIES CONSISTS OF DEEP, WELL DRAINED SOILS ON FOOTSLOPES AND IN VALLEYS. THEY FORMED IN SEDIMENTS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 14 INCHES THICK. THE SUBSOIL FROM 14 TO 27 INCHES IS DUSKY RED CLAY AND FROM 27 TO 44 INCHES IS DARK RED CLAY. HARD FRAGMENTAL LIMESTONE IS AT 44 INCHES.

Matanza-Tierra roca caliza complejo, 0-5 por ciento de inclinacion. El suelo y el tipo-tierra ocurren en un patron tan complejo, y el suelo Matanzas ocurre en areas tan pequenas, que no es posible separarlos en el mapa. El suelo Matanzas alcanza de 60 a 70 por ciento del cuerdaje, y la roca caliza comprende el resto. La tierra caliza consiste de afloramientos, piedras y guijarros de roca caliza dura. Se incluyen areas pequenas de Coto arcilloso.

MuC2 - Moca Clay, 5 To 12 Percent Slopes, Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de humedad es alta y la fertilidad es mediana. La erosion es un peligro. Este suelo no es de facil laboreo.

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MuD2 - Moca Clay, 12 To 20 Percent Slopes, Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de humedad es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro severo. Este suelo no es de facil laboreo.

MuD3 - Moca Clay, 12 To 20 Percent Slopes, Severely Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 12-20 por ciento de inclinacion, severamente erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de humedad es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro severo. Las carcavas son corrientes en este suelo.

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MuE3 - Moca Clay, 20 To 40 Percent Slopes, Severely Eroded

THE MOCA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED, SOILS IN UPLANDS. THEY FORMED ON CLAYEY, GRAVELLY, AND COBBLY MATERIALS FROM A BASIC CONGLOMERATE ROCK. TYPICALLY, THESE SOILS HAVE BROWN CLAY SURFACE LAYERS 6 INCHES THICK. THE UPPER SUBSOIL TO 18 INCHES IS RED CLAY. THE LOWER SUBSOIL IS GRAYISH BROWN AND RED CLAY. THE SUBSTRATUM TO 60 INCHES IS LIGHT GRAY, RED AND REDDISH YELLOW CLAY.

Moca arcilloso, 20-40 por ciento de inclinacion, severamente erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos y de permeabilidad moderadamente lenta. La capacidad de retencion de humedad es alta y la fertilidad es mediana. La escorrentia es rapida y la erosion es un peligro severo. Las carcavas son comunes en este suelo.

MvC - Montegrando Clay, 2 To 12 Percent Slopes

THE MONTEGRANDE SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON ALLUVIAL FANS AND FOOTSLOPES. THEY FORMED IN SEDIMENTS DERIVED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 10 INCHES IS DARK GRAYISH BROWN CLAY AND FROM 10 TO 24 INCHES IS DARK YELLOWISH BROWN AND GRAY CLAY. THE SUBSTRATUM FROM 24 TO 60 INCHES IS YELLOWISH BROWN AND GRAY VERY GRAVELLY CLAY.

Montegrando arcilloso, 2-12 por ciento de inclinacion. Suelos moderadamente profundos, moderadamente bien drenados, fuertemente acidos, textura arcillosa y de permeabilidad lenta en la capa superficial y en el subsuelo, y permeabilidad moderada en el substrato. Son fertiles y tienen una capacidad de retencion de agua alta. La erosion es un peligro. El suelo es de laboreo un tanto dificil.

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MwD2 - Morado Clay Loam, 12 To 20 Percent Slopes, Eroded

THE MORADO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH GRAY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE CLAY LOAM SUBSOIL FROM 7 TO 17 INCHES IS REDDISH GRAY AND FROM 17 TO 24 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY. THE LOAM SUBSTRATUM FROM 24 TO 33 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 33 INCHES.

Morado arcilloso lomico, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, neutrales, de textura arcillosa lomica y moderadamente permeables. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro severo. El suelo es de facil laboreo.

MwE2 - Morado Clay Loam, 20 To 40 Percent Slopes, Eroded

THE MORADO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH GRAY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE CLAY LOAM SUBSOIL FROM 7 TO 17 INCHES IS REDDISH GRAY AND FROM 17 TO 24 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY. THE LOAM SUBSTRATUM FROM 24 TO 33 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 33 INCHES.

Morado arcilloso lomico, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, neutrales, de textura arcillosa lomica y moderadamente permeables. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro severo.

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MwF2 - Morado Clay Loam, 40 To 60 Percent Slopes, Eroded

THE MORADO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH GRAY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE CLAY LOAM SUBSOIL FROM 7 TO 17 INCHES IS REDDISH GRAY AND FROM 17 TO 24 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY. THE LOAM SUBSTRATUM FROM 24 TO 33 INCHES IS BROWN, DARK BROWN, DARK REDDISH GRAY AND DARK GRAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 33 INCHES.

Morado arcilloso lomico, 40-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, neutrales, de textura arcillosa lomica y moderadamente permeables. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro severo.

MxC - Mucara Clay, 5 To 12 Percent Slopes

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 5-12 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua moderada. Este suelo es de laboreo un tanto dificil.

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MxD2 - Mucara Clay, 12 To 20 Percent Slopes, Eroded

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. Este suelo es de laboreo un tanto dificil.

MxE2 - Mucara Clay, 20 To 40 Percent Slopes, Eroded

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro. Este suelo es de laboreo un tanto dificil.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

MxF2 - Mucara Clay, 40 To 60 Percent Slopes, Eroded

THE MUCARA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 12 INCHES IS VERY DARK GRAYISH BROWN AND BROWN CLAY. HIGHLY WEATHERED VOLCANIC ROCK IS AT 12 TO 22 INCHES SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 22 INCHES.

Mucara arcilloso, 40-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, medianamente acidos, de textura arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro. Este suelo es de laboreo un tanto dificil.

NaD - Naranja Clay, 12 To 20 Percent Slopes

THE NARANJO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND HILLTOPS. THEY FORMED IN CLAYEY MATERIALS DERIVED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 9 INCHES THICK. THE SUBSOIL IS BROWNISH YELLOW AND YELLOW CLAY. THE SUBSTRATUM TO 60 INCHES IS YELLOW, LIGHT GRAY, AND BROWNISH YELLOW CLAY.

Naranja arcilloso, 12-20 por ciento de inclinacion. Suelos profundos, bien drenados, calcareos, de textura arcillosa y permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua alta. El escurrimiento es mediano y la erosion es un peligro.

NcD2 - Nipe Clay, 5 To 20 Percent Slopes, Eroded

THE NIPE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN HILLTOPS. THEY FORMED IN EXTREMELY WEATHERED, IRON RICH MATERIALS DERIVED FROM SERPENTINE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE AND SUBSURFACE LAYER 18 INCHES THICK. THE SUBSOIL TO 80 INCHES IS DARK RED AND DUSKY RED CLAY.

Nipe arcilloso, 5-20 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, fuertemente acidos, de textura arcillosa y de permeabilidad moderada a rapida. La fertilidad es baja.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

PaC2 - Palmarejo Silty Clay Loam, 5 To 12 Percent Slopes, Eroded

THE PALMAREJO SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS ON ALLUVIAL FANS AND TERRACES. THEY FORMED IN CLAYEY SEDIMENTS DERIVED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE A DARK BROWN, LOAM SURFACE LAYER 9 INCHES THICK. THE SUBSOIL IS YELLOWISH BROWN, CLAY. THE UPPER SUBSTRATUM IS YELLOWISH BROWN, CLAY LOAM. THE LOWER SUBSTRATUM TO 60 INCHES IS SANDY CLAY LOAM.

Palmarejo limo arcilloso lomico, 5-12 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos, textura limo arcillosa lomica y de permeabilidad moderada. Los suelos son de laboreo un tanto dificil.

PeD2 - Perchas Clay, 12 To 20 Percent Slopes, Eroded

THE PERCHAS SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FOOTSLOPES AND LOW HILLS. THEY FORMED ON CLAYEY SEDIMENTS OVER TERTIARY CLAYS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN, CLAY SURFACE LAYERS 5 INCHES THICK. THE SUBSOIL AND THE SUBSTRATUM TO 60 INCHES ARE LIGHT GRAY CLAY.

Perchas arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, mal drenados, muy fuertemente acidos, de textura arcillosa y de permeabilidad lenta. La permeabilidad es lenta en el subsuelo. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro. El suelo es de laboreo dificil.

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Nontechnical Descriptions
Mayaguez Area, Puerto Rico Western Part

PlE2 - Plata Clay, 20 To 40 Percent Slopes, Eroded

THE PLATA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED ON MATERIALS WEATHERED FROM VOLCANIC CONGLOMERATE. TYPICALLY THESE SOILS HAVE A DARK BROWN YELLOWISH BROWN, CLAY SURFACE LAYER 11 INCHES THICK. THE LOWER SUBSOIL IS BROWNISH YELLOW, GRAVELLY CLAY LOAM. THE UPPER SUBSTRATUM IS PALE BROWN, GRAVELLY CLAY LOAM. LOWER SUBSTRATUM TO 50 INCHES IS BROWNISH YELLOW GRAVELLY CLAY LOAM.

Plata arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, fuertemente acidos, textura arcillosa y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro. La capacidad de retencion de agua es moderada y la fertilidad es mediana.

PlF2 - Plata Clay, 40 To 60 Percent Slopes, Eroded

THE PLATA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED ON MATERIALS WEATHERED FROM VOLCANIC CONGLOMERATE. TYPICALLY THESE SOILS HAVE A DARK BROWN YELLOWISH BROWN, CLAY SURFACE LAYER 11 INCHES THICK. THE LOWER SUBSOIL IS BROWNISH YELLOW, GRAVELLY CLAY LOAM. THE UPPER SUBSTRATUM IS PALE BROWN, GRAVELLY CLAY LOAM. LOWER SUBSTRATUM TO 50 INCHES IS BROWNISH YELLOW GRAVELLY CLAY LOAM.

Plata arcilloso, 40-60 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, fuertemente acidos, textura arcillosa y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro. La capacidad de retencion de agua es moderada y la fertilidad es mediana.

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Nontechnical Descriptions
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QuD2 - Quebrada Silty Clay, 12 To 20 Percent Slopes, Eroded

THE QUEBRADA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON SIDESLOPES AND RIDGES. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 14 INCHES IS DARK YELLOWISH BROWN SILTY CLAY. THE SUBSTRATUM FROM 14 TO 50 INCHES IS SILTY CLAY LOAM.

Quebrada limo arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, medianamente acidos, textura limo arcillosa y de permeabilidad moderada. La escorrentia es mediana y la erosion es un peligro.

QuE2 - Quebrada Silty Clay, 20 To 40 Percent Slopes, Eroded

THE QUEBRADA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON SIDESLOPES AND RIDGES. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 14 INCHES IS DARK YELLOWISH BROWN SILTY CLAY. THE SUBSTRATUM FROM 14 TO 50 INCHES IS SILTY CLAY LOAM.

Quebrada limo arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, medianamente acidos, textura limo arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua alta. La escorrentia es rapida y la erosion es un peligro severo.

QuF2 - Quebrada Silty Clay, 40 To 60 Percent Slopes, Eroded

THE QUEBRADA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON SIDESLOPES AND RIDGES. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM VOLCANIC ROCKS. TYPICALLY, THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 14 INCHES IS DARK YELLOWISH BROWN SILTY CLAY. THE SUBSTRATUM FROM 14 TO 50 INCHES IS SILTY CLAY LOAM.

Quebrada limo arcilloso, 40-60 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, medianamente acidos, textura limo arcillosa y de permeabilidad moderada. Son fertiles y tienen una capacidad de retencion de agua alta. La escorrentia es rapida y la erosion es un peligro severo.

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Re - Reilly Gravelly Loam

THE REILLY SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN STRATIFIED ALLUVIAL SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK BROWN GRAVELLY LOAM SURFACE LAYER 9 INCHES THICK. THE UNDERLYING MATERIAL FROM 9 TO 16 INCHES IS DARK GRAYISH BROWN VERY GRAVELLY SAND AND FROM 16 TO 48 INCHES IS COARSE SAND AND GRAVEL. SLOPES RANGE FROM 0 TO 2 PERCENT.

Reilly cascajoso lomico. Suelos poco profundos al cascajo, excesivamente drenados, medianamente acidos y de permeabilidad rapida. La capacidad de retencion de agua es baja.

RLB - Rio Lajas Sand, 2 To 5 Percent Slopes

THE RIO LAJAS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON COASTAL PLAINS. THEY FORMED IN COARSE TEXTURED SEDIMENTS. TYPICALLY, THESE SOILS HAVE A DARK REDDISH BROWN, SAND SURFACE LAYER 8 INCHES THICK. THE SUBSURFACE LAYER TO 33 INCHES IS DARK REDDISH BROWN LOAMY SAND. THE SUBSOIL TO 60 INCHES IS DARK REDDISH BROWN SANDY LOAM.

Rio Lajas arenoso, 2-5 por ciento de inclinacion. Suelos profundos, excesivamente drenados, ligeramente acidos y de permeabilidad rapida. La capacidad de retencion de agua y la fertilidad son bajas.

RpC2 - Rio Piedras Clay, 5 To 12 Percent Slopes, Eroded

THE RIO PIEDRAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN CLAYEY MATERIAL WEATHERED FROM SILTSTONE AND SHALE. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 11 INCHES IS YELLOWISH RED CLAY AND FROM 11 TO 27 INCHES IS RED CLAY. THE SUBSTRATUM FROM 27 TO 60 INCHES IS RED, GRAY, AND YELLOW CLAY, SAPROLITE.

Rio Piedras arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos moderadamente profundos, moderadamente bien drenados, extremadamente acidos y que tienen una permeabilidad un tanto lenta. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

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RpD2 - Rio Piedras Clay, 12 To 20 Percent Slopes, Eroded

THE RIO PIEDRAS SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN CLAYEY MATERIAL WEATHERED FROM SILTSTONE AND SHALE. TYPICALLY THESE SOILS HAVE A REDDISH BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 11 INCHES IS YELLOWISH RED CLAY AND FROM 11 TO 27 INCHES IS RED CLAY. THE SUBSTRATUM FROM 27 TO 60 INCHES IS RED, GRAY, AND YELLOW CLAY, SAPROLITE.

Rio Piedras arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, moderadamente bien drenados, extremadamente acidos y que tienen una permeabilidad un tanto lenta. La capacidad de retencion de agua es alta y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

Rr - Riverwash

RIVERWASH IS A MIXTURE OF BOULDERS, COBBLES, GRAVEL, AND SAND THAT IS FREQUENTLY FLOODED.

Ribera de rios erodadas. Es un tipo de tierra casi llano que ocurre en los llanos inundables a lo largo de quebradas grandes y rios. Consiste de material arenoso, cascajoso, o guijarroso. Se encuentra a la misma elevacion que la superficie de las quebradas y rios, y la mayor parte esta dentro de sus margenes. En algunos sitios hay numerosas piedras y pedregones en la superficie. La mayor parte de las areas carecen de vegetacion y tienen poco o ningun valor agricola.

RSD2 - Rosario Clay, 12 To 20 Percent Slopes, Eroded

THE ROSARIO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS IN SIDESLOPES. THEY FORMED IN CLAYEY MATERIALS OVER SERPENTINE. TYPICALLY THESE SOILS ARE DUSKY RED CLAY TO 26 INCHES. BELOW THIS IS CONSOLIDATED SERPENTINE.

Rosario arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua y la fertilidad son bajas.

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RsE2 - Rosario Clay, 20 To 40 Percent Slopes, Eroded

THE ROSARIO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS IN SIDESLOPES. THEY FORMED IN CLAYEY MATERIALS OVER SERPENTINE. TYPICALLY THESE SOILS ARE DUSKY RED CLAY TO 26 INCHES. BELOW THIS IS CONSOLIDATED SERPENTINE.

Rosario arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, fuertemente acidos y de permeabilidad moderada. La capacidad de retencion de agua y la fertilidad son bajas.

RsF2 - Rosario Clay, 40 To 60 Percent Slopes, Eroded

THE ROSARIO SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS IN SIDESLOPES. THEY FORMED IN CLAYEY MATERIALS OVER SERPENTINE. TYPICALLY THESE SOILS ARE DUSKY RED CLAY TO 26 INCHES. BELOW THIS IS CONSOLIDATED SERPENTINE.

Rosario arcilloso, 40-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, fuertemente acidos y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro. La capacidad de retencion de agua y la fertilidad son bajas.

SaD - San German Gravelly Clay Loam, 12 To 20 Percent Slopes

THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

San German cascajo arcilloso lomico, 12-20 por ciento de inclinacion. Suelos muy poco profundos, bien drenados, calcareos y de permeabilidad moderadamente rapida. La capacidad de retencion de agua es baja y la escorrentia no es tan rapida.

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SaE - San German Gravelly Clay Loam, 20 To 40 Percent Slopes

THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

San German cascajo arcilloso lomico, 20-40 por ciento de inclinacion. Suelos muy poco profundos, bien drenados, calcareos y de permeabilidad moderadamente rapida. La capacidad de retencion de agua es baja y la escorrentia es rapida.

ScB - San German Cobbly Sandy Loam, 0 To 5 Percent Slopes

THE SAN GERMAN SERIES CONSISTS OF SHALLOW WELL DRAINED SOILS ON SIDESLOPES AND HILLTOPS. THEY FORMED IN LOAMY MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, COBBLY LOAM SURFACE LAYERS 2 INCHES THICK. THE UNDERLYING LAYER TO 10 INCHES IS BROWN, VERY GRAVELLY LOAM. BELOW THIS LAYER IS HARD LIMESTONE.

San German guijarro areno lomico, 0-5 por ciento de inclinacion. Suelos muy poco profundos, bien drenados, calcareos y de permeabilidad moderadamente rapida. La capacidad de retencion de agua es baja y la escorrentia es rapida. Ademias, hay guijarros que cubren mas del 40 por ciento de la superficie, y la lluvia promedio es mucho menor.

SdF2 - San Sebastian Gravelly Clay, 20 To 60 Percent Slopes, Eroded

THE SAN SEBASTIAN SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN SIDESLOPES AND RIDGES. THEY FORMED IN GRAVELLY AND CLAYEY MATERIAL DERIVED FROM LIMESTONE. TYPICALLY, THESE SOILS HAVE DARK BROWN, GRAVELLY CLAY SURFACE LAYERS 4 INCHES THICK. THE SUBSOIL TO 14 INCHES IS STRONG BROWN, GRAVELLY CLAY. THE UNDERLYING LAYER TO 60 INCHES IS REDDISH YELLOW GRAVELLY CLAY.

San Sebastian cascajoso arcilloso, 20-60 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, calcareos y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro severo.

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SeB - Santa Clara Silty Clay Loam, 2 To 5 Percent Slopes

THE SANTA CLARA SERIES CONSISTS OF MODERATELY DEEP, WELL DRAINED SOILS IN FOOTSLOPES AND LOW HILLS. THEY FORMED IN MATERIALS WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN SILTY CLAY LOAM SURFACE LAYER 6 INCHES THICK. THE SUBSOIL IS DARK YELLOWISH BROWN, SILTY CLAY TO 23 INCHES. THE SUBSTRATUM TO 30 INCHES IS YELLOW, SOFT LIMESTONE. BELOW THIS LAYER IS HARD LIMESTONE.

Santa Clara limo arcilloso lomico, 2-5 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, neutrales y que son moderadamente permeables.

SmE2 - Santa Marta Clay, 20 To 40 Percent Slopes, Eroded

THE SANTA MARIA SERIES CONSISTS OF DEEP, WELL DRAINED, SOILS IN SIDESLOPES AND RIDGES. THEY FORMED IN MATERIALS WEATHERED FROM SERPENTINE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY TO 15 INCHES. THE SUBSTRATUM TO 42 INCHES IS CLAY LOAM SAPROLITE.

Santa Marta arcilloso, 20-40 por ciento de inclinacion, erodado. Suelo poco profundo, bien drenado, fuertemente acido y de permeabilidad moderada. La escorrentia es rapida y la erosion es un peligro.

Sn - Santoni Clay

THE SANTONI SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FLOOD PLAINS. THEY FORMED IN CLAYEY SEDIMENTS DERIVED FROM LIMESTONE AND VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSURFACE LAYER IS VERY DARK GRAYISH BROWN, CLAY. THE SUBSOIL IS DARK GRAYISH BROWN CLAY. THE SUBSTRATUM TO 60 INCHES IS CLAY. SLOPE RANGES FROM 0 TO 2 PERCENT.

Santoni arcilloso. Suelos profundos, casi llanos, mal drenados, calcareos y de permeabilidad lenta. La capacidad de retencion de agua es alta. Este suelo esta en los llanos inundables y generalmente se encuentra en las areas mas bajas y mas retiradas de la ribera. Esta sujeto a inundaciones frecuentes que causan dano a las cosechas. Es fertil.

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So - Serpentinite Outcrop

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

Afloraciones de Serpentinita. Se encuentran en areas donde las afloraciones de las rocas de serpentinita cubren desde el 75 hasta el 100 por ciento de la superficie. Las areas no cubiertas por los afloramientos son parches irregulares de material de suelo gravoso o guijarroso.

SrD - Soller-Limestone Rockland Complex, 5 To 20 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller-Tierra roca caliza complejo, 5-20 por ciento de inclinacion. Este suelo y tipo de tierra estan en las faldas y en montes ondulantes que yacen sobre roca caliza dura. Este complejo se compone de Soller arcilloso, 5 a 20 de inclinacion y Tierra caliza. El suelo Soller comprende desde el 50 hasta el 75 por ciento de las areas y el tipo de Tierra caliza, que consiste de afloramientos, piedras y guijarros, comprende el resto.

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SrE - Soller-Limestone Rockland Complex, 20 To 40 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller-Tierra roca caliza complejo, 20-40 por ciento de inclinacion. Este suelo y tipo de tierra estan en las faldas y en montes ondulantes que yacen sobre roca caliza dura. Este complejo se compone de Soller arcilloso, 20 a 40 de inclinacion y Tierra caliza. El suelo Soller comprende desde el 20 hasta el 60 por ciento de las areas y el tipo de Tierra caliza, que consiste de afloramientos, piedras y guijarros, comprende el resto.

SsD2 - Soller Cobbly Clay, 5 To 20 Percent Slopes, Eroded

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller guijarro arcilloso, 5-20 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada.

SsE2 - Soller Cobbly Clay, 20 To 40 Percent Slopes, Eroded

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller guijarro arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada.

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StB - Soller Clay, 2 To 5 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 2-5 por ciento de inclinacion. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada. Este suelo es fertil y tiene una capacidad de retencion de agua alta. La erosion es un peligro.

StC - Soller Clay, 5 To 12 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 5-12 por ciento de inclinacion. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada. Este suelo es fertil y tiene una capacidad de retencion de agua alta. La erosion es un peligro.

StD - Soller Clay, 12 To 20 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 12-20 por ciento de inclinacion. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada. Este suelo es fertil y tiene una capacidad de retencion de agua alta. La escorrentia es mediana y la erosion es un peligro.

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StE - Soller Clay, 20 To 40 Percent Slopes

THE SOLLER SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY CLAY SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS VERY DARK GRAYISH BROWN CLAY. THE SUBSTRATUM FROM 12 TO 26 INCHES IS WHITE, PARTIALLY WEATHERED LIMESTONE. HARD LIMESTONE IS AT 26 INCHES.

Soller arcilloso, 20-40 por ciento de inclinacion. Suelos poco profundos, bien drenados, moderadamente alcalinos, arcillosos y de permeabilidad moderada. Este suelo es fertil y tiene una capacidad de retencion de agua alta. La escorrentia es mediana y la erosion es un peligro.

Ta - Talante Loam

THE TALANTE SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN FLOOD PLAINS. THEY FORMED IN COARSE TEXTURED SEDIMENTS. THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER. THE SUBSURFACE LAYER IS GRAYISH BROWN SANDY CLAY LOAM. THE SUBSOIL IS BROWN LOAM. THE UPPER SUBSTRATUM IS BROWN AND GRAY LOAMY SAND. THE LOWER SUBSTRATUM TO 58 INCHES IS GRAY COARSE SAND. SLOPES RANGE FROM 0 TO 2 PERCENT.

Talante lomico. Suelos poco profundos a la arena, algo mal drenados, fuertemente acidos y rapidamente permeables. El nivel freatico es alto periodicamente. La capacidad de retencion de agua es baja.

TcB2 - Tanama Clay, 2 To 5 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 2-5 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es alta, y la fertilidad es mediana.

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TcC2 - Tanama Clay, 5 To 12 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es alta, y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

TcD2 - Tanama Clay, 12 To 20 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 12-20 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es alta, y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

TcE2 - Tanama Clay, 20 To 40 Percent Slopes, Eroded

THE TANAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM LIMESTONE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 16 INCHES IS REDDISH BROWN CLAY. HARD LIMESTONE IS AT 16 INCHES.

Tanama arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos poco profundos, bien drenados, ligeramente acidos y moderadamente permeables. La capacidad de retencion de agua es alta, y la fertilidad es mediana. La escorrentia es mediana y la erosion es un peligro.

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Td - Tidal Swamp

HYDRAQUENTS CONSIST OF VERY DEEP, VERY POORLY DRAINED SOILS ALONG THE COAST. THEY ARE FLOODED MOST OF THE YEAR. SLOPES RANGE FROM 0 TO 2 PERCENT.

Pantano de Marea. Esta en areas que estan cubiertas por una vegetacion espesa de arboles de mangle. Estas areas estan a lo largo de la costa y en ensenadas y estan bajo agua salada la mayor parte del tiempo. El material del suelo es de color claro, salino, arenoso o arcilloso, y de algun material organico que proviene de arboles de mangle en descomposicion. El material subyacente, a profundidades variables, consiste de corales, conchas y marga.

ToA - Toa Silty Clay Loam, 0 To 2 Percent Slopes

THE TOA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN ALLUVIAL SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 8 INCHES THICK. A SUBSURFACE LAYER FROM 8 TO 17 INCHES IS DARK BROWN SILTY CLAY LOAM. THE SUBSOIL FROM 17 TO 29 INCHES IS DARK YELLOWISH BROWN SILTY CLAY LOAM. THE SUBSTRATUM FROM 29 TO 43 INCHES IS DARK BROWN SILTY CLAY LOAM AND FROM 43 TO 64 INCHES IS DARK YELLOWISH BROWN CLAY LOAM. SLOPES RANGE FROM 0 TO 2 PERCENT.

Toa limo arcilloso lomico, 0-2 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, ligeramente acidos y de permeabilidad moderada. Son fertil y tiene una capacidad de retencion de agua alta.

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Ts - Toa Silty Clay

THE TOA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN ALLUVIAL SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY LOAM SURFACE LAYER 8 INCHES THICK. A SUBSURFACE LAYER FROM 8 TO 17 INCHES IS DARK BROWN SILTY CLAY LOAM. THE SUBSOIL FROM 17 TO 29 INCHES IS DARK YELLOWISH BROWN SILTY CLAY LOAM. THE SUBSTRATUM FROM 29 TO 43 INCHES IS DARK BROWN SILTY CLAY LOAM AND FROM 43 TO 64 INCHES IS DARK YELLOWISH BROWN CLAY LOAM. SLOPES RANGE FROM 0 TO 2 PERCENT.

Toa limo arcilloso. Suelos profundos, moderadamente bien drenados, ligeramente acidos y de permeabilidad moderada. Son fertil y tiene una capacidad de retencion de agua alta.

VoD2 - Voladora Silty Clay, 12 To 20 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora limo arcilloso, 12-20 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, extremadamente acidos y moderadamente permeables. La escorrentia es mediana y la erosion es un peligro. La capacidad de retencion de agua es alta y la fertilidad es mediana.

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VoE2 - Voladora Silty Clay, 20 To 40 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora limo arcilloso, 20-40 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, extremadamente acidos y moderadamente permeables. La escorrentia es mediana y la erosion es un peligro. La capacidad de retencion de agua es alta y la fertilidad es mediana.

VrC2 - Voladora Clay, 5 To 12 Percent Slopes, Eroded

THE VOLADORA SERIES CONSISTS OF DEEP, WELL DRAINED SOILS IN TERRACES AND SIDESLOPES. THEY FORMED IN CLAYEY AND LOAMY MATERIALS WEATHERED FROM CONGLOMERATE ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL IS DARK REDDISH BROWN CLAY. THE LOWER SUBSOIL IS DARK RED CLAY LOAM. THE SUBSTRATUM TO 48 INCHES IS CLAY LOAM WITH HIGHLY WEATHERED CONGLOMERATE.

Voladora arcilloso, 5-12 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, extremadamente acidos y moderadamente permeables. La escorrentia es mediana y la erosion es un peligro. La capacidad de retencion de agua es alta y la fertilidad es mediana.