

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Nontechnical Descriptions
San Juan Area, Puerto Rico

AaB - Aceitunas Clay, 2 To 5 Percent Slopes

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, 2-5 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. Son dificiles de trabajar por la pegajosidad y plasticidad de la arcilla. Se deben de arar cuando el contenido de humedad sea optimo.

AaC - Aceitunas Clay, 5 To 12 Percent Slopes

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, 5-12 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. Son dificiles de trabajar por la pegajosidad y plasticidad de la arcilla. Se deben de arar cuando el contenido de humedad sea optimo.

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AbD - Aibonito Clay, 12 To 20 Percent Slopes

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, 12-20 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos, textura fina, permeabilidad moderada, capacidad de retencion de agua moderada y escorrentia mediana. La fertilidad natural es mediana y es dificil de trabajar por la inclinacion, pegajosidad y plasticidad de la arcilla.

AbE - Aibonito Clay, 20 To 40 Percent Slopes

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. Suelos profundos, bien drenados, de fuerte a muy fuertemente 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 muyiscosos y por la pegajosidad y plasticidad de la arcilla.

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AmB - Almirante Clay, 2 To 5 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y de textura fina. La permeabilidad y la capacidad de retencion de humedad son moderadas y son un poco dificil de trabajar cuando estan mojados. La erosion es leve a moderada. La fertilidad y la escorrentia son moderadas.

AmC - Almirante Clay, 5 To 12 Percent Slopes

THE ALMIRANTE SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A DARK BROWN CLAY SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL TO A DEPTH OF 34 INCHES IS STRONG BROWN CLAY. THE MIDDLE SUBSOIL IS BROWNISH YELLOW AND DARK RED CLAY. THE LOWER SUBSOIL TO 60 INCHES IS CLAY WITH BROWNISH YELLOW, DARK RED, AND LIGHT GRAY COLORS.

Almirante arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos y de textura fina. La permeabilidad y la capacidad de retencion de humedad son moderadas y son un poco dificil de trabajar cuando estan mojados. La erosion es leve a moderada. La fertilidad y la escorrentia son moderadas.

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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 profundos, mal drenados, de neutro a medianamente acidos y textura fina. La permeabilidad es lenta y la capacidad de retencion de humedad es alta. Son dificiles de trabajar por la pegosidad y plasticidad de la arcilla. Son fertiles y tienen una zona radicular profunda.

BmB - Bayamon Clay, 2 To 5 Percent Slopes

THE BAYAMON SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON COASTAL PLAINS FORMED IN HIGHLY WEATHERED FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 60 INCHES IS RED CLAY.

Bayamon arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, de textura fina y permeabilidad moderada. La capacidad de retencion de humedad es moderada y son un poco dificil de trabajar cuando estan mojados. La erosion es leve a moderada. La fertilidad es moderada. La escorrentia es moderada.

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CaE - Caguabo Clay Loam, 20 To 40 Percent Slopes

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, 20-40 por ciento de inclinacion. Suelo poco profundo, bien drenado, ligeramente acido, textura moderadamente fina, varian de riscosos a muy riscosos. La permeabilidad es moderada y la capacidad de retencion de humedad es baja. La escorrentia es rapida. La fertilidad natural es alta. Es dificil de trabajar debido a lo riscoso y poco profundo.

CaF - Caguabo Clay Loam, 40 To 60 Percent Slopes

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, 40-60 por ciento de inclinacion. Suelo poco profundo, bien drenado, ligeramente acido, textura moderadamente fina, muy riscosos. La permeabilidad es moderada y la capacidad de retencion de humedad es baja. La escorrentia es rapida. La fertilidad natural es alta. Es dificil de trabajar debido a lo riscoso y poco profundo.

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CbF - Caguabo-Rock Outcrop Complex, 40 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK. 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.

Complejo Caguabo-estrato rocoso, 40-60 por ciento de inclinacion. Este complejo esta compuesto de alrededor de 60 por ciento de suelo Caguabo arcilloso y 40 por ciento de estrato rocoso. En este complejo de suelos hay inclusiones de areas de suelos mas profundos entre las rocas. Tambien hay area de suelos Caguabo erodados severamente. Estos suelos estan en las laderas superiores. La permeabilidad de los suelos Caguabo es moderada y la capacidad de retencion de agua disponible baja. La zona radicular es poco profunda. La escorrentia es muy rapida. En las areas sin encalar el suelo es ligeramente acido.

Ce - Candelero Loam

THE CANDELERO SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON TERRACES, ALLUVIAL FANS, AND FOOTSLOPES. THEY FORMED IN SEDIMENTS DERIVED FROM GRANITIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN LOAM SURFACE LAYER 7 INCHES THICK. THE SANDY CLAY LOAM SUBSOIL FROM 7 TO 15 INCHES IS GRAY AND YELLOWISH BROWN, FROM 15 TO 24 INCHES IS GREENISH GRAY, AND FROM 34 TO 64 INCHES IS DARK YELLOWISH BROWN.

Candelero lomico. Suelos profundos, algo mal drenados, de muy fuerte a medianamente acidos, textura moderadamente fina, permeabilidad lenta, capacidad de retencion de agua disponible alta. La escorrentia es mediana. Este suelo es dificil de trabajar debido a la humedad y la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda. La fertilidad natural es mediana.

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ClC - Catalina Clay, 4 To 12 Percent Slopes

THE CATALINA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY SURFACE LAYER 6 INCHES THICK. THE SUBSOIL FROM 6 TO 20 INCHES IS DARK REDDISH BROWN CLAY, FROM 20 TO 46 INCHES IS REDDISH BROWN CLAY, AND FROM 46 TO 84 INCHES IS DARK REDDISH BROWN CLAY. THE SUBSTRATUM FROM 84 TO 99 INCHES IS CLAY.

Catalina arcilloso, 4-12 por ciento de inclinacion. Suelos profundos, bien drenados, de mediana a muy fuertemente acido, textura fina, permeabilidad moderada, capacidad de retencion de agua disponible alta, escorrentia mediana y peligro de erosion. Son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda. La fertilidad natural es mediana.

Cn - Catano Loamy 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 lomico arenoso. Suelos profundos, excesivamente drenados, calizos, permeabilidad rapida, capacidad de retencion de agua baja y escorrentia muy lenta. Los suelos son faciles de trabajar. La zona radicular es profunda y la fertilidad natural es baja.

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Co - Cayagua Sandy Loam

THE CAYAGUA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN SANDY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 20 INCHES IS LIGHT BROWNISH GRAY CLAY AND FROM 20 TO 27 INCHES IS YELLOWISH RED SANDY LOAM AND LIGHT GRAY CLAY. THE SUBSTRATUM FROM 27 TO 60 INCHES IS YELLOWISH RED AND REDDISH YELLOW SANDY LOAM WITH SOME LIGHT GRAY CLAY.

Cayagua arenoso lomico. Suelos profundos, mal drenados, de muy fuerte a fuertemente acidos, textura gruesa, permeabilidad lenta, capacidad de retencion de agua alta, escorrentia lenta, dificil de trabajar debido a la humedad. La zona radicular es profunda. La fertilidad natural es mediana.

CrD2 - Colinas Clay Loam, 12 To 20 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, 12-20 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, moderadamente riscoso con permeabilidad y erosion moderada. La escorrentia es rapida. La capacidad de retencion de agua es baja y la fertilidad es baja.

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CrE2 - Colinas Clay Loam, 20 To 40 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, 20-40 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, riscoso con permeabilidad y erosion moderada. La escorrentia es rapida. La capacidad de retencion de agua es baja y la fertilidad baja.

CrF2 - Colinas Clay Loam, 40 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, 40-60 por ciento de inclinacion. Suelo moderadamente profundo, bien drenado, textura moderadamente fina, moderadamente alcalino, muy riscoso con permeabilidad y erosion moderada. La escorrentia es rapida. La capacidad de retencion de agua es baja y la fertilidad moderada.

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Cs - 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, medianamente acidos, textura fina y moderadamente fina, permeabilidad lenta, capacidad de retencion de agua disponible alta, escorrentia es lenta, dificil de trabajar debido a la humedad y la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda. El suelo es fertil.

CuE - 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 saprolito, bien drenado, textura fina, muy fuertemente acido, risoso con permeabilidad y capacidad de retencion de agua moderada. La escorrentia es rapida. La fertilidad es moderada.

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CuF - Consumo Clay, 40 To 60 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, 40-60 por ciento de inclinacion. Suelo moderadamente profundo al saprolito, bien drenado, textura fina, muy risoso con permeabilidad y capacidad de retencion de agua moderada. La escorrentia es rapida y son fuertemente acidos. La fertilidad es moderada.

CzC - Corozal Clay, 5 To 12 Percent Slopes

THE COROZAL SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS IN INTERFLUVES OF VOLCANIC HILLS. THEY FORMED IN MATERIAL DERIVED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE DARK REDDISH BROWN, CLAY, SURFACE LAYER 7 INCHES THICK. THE UPPER SUBSOIL IS DARK RED AND GRAYISH BROWN, CLAY. THE LOWER SUBSOIL IS RED. THE SUBSTRATUM TO 60 INCHES IS CLAY LOAM SAPROLITE.

Corozal arcilloso, 5-12 por ciento de inclinacion. Suelo profundo, algo mal drenado, muy fuertemente acido en la superficie y extremadamente acido en el subsuelo, con permeabilidad lenta y la capacidad de retencion de agua es alta. La erosion es moderada. La escorrentia y fertilidad es moderada. Son un poco dificil de trabajar cuando estan mojados.

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DaC - Daguey Clay, 2 To 12 Percent Slopes

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, 2-12 por ciento de inclinacion. Suelo profundo, bien drenado, muy fuertemente acido, textura fina, de inclinado a moderadamente riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de agua es alta, la escorrentia es mediana y la fertilidad moderada.

DaD - Daguey Clay, 12 To 20 Percent Slopes

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. Suelo profundo, bien drenado, muy fuertemente acido, textura fina, de inclinado a moderadamente riscoso, con permeabilidad y erosion moderada. La capacidad de retencion de agua es moderada, la escorrentia es rapida y la fertilidad moderada.

DeF - Descalabrado Clay Loam, 40 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.

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Descalabrado arcilloso lomico, 40-60 por ciento de inclinacion. Suelos pocos profundos, bien drenado, neutrales, textura mediana, permeabilidad es moderada, capacidad de retencion de agua baja, escorrentia rapida y peligro de erosion. Este suelo es dificil de trabajar debido a lo riscoso. Las zanjas de ladera son dificiles de trazar, establecer y mantener. Estos suelos son fertiles, pero la zona radicular es poco profunda.

DgF - Descalabrado-Rock Outcrop Complex, 40 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
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.

Complejo Descalabrado-estrato rocoso, 40-60 por ciento de inclinacion. Este complejo consiste de suelos muy riscosos, bien drenados y rocas. Las areas varian de 100 a 500 acres. El complejo consiste de 70 por ciento de suelos Descalabrados, 30 por ciento de estrato rocoso y otros suelos. Incluido con este complejo de suelos, hay parchos de suelos Guayama y otros. La permeabilidad es moderada en los suelos Descalabrados y la capacidad de retencion de agua baja. La escorrentia es rapida y la fertilidad alta y el contenido de materia organica es moderado. La reaccion es neutral. La zona radicular poco profunda.

Dm - Dique 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 lomico. Suelos profundos, bien drenados, medianamente acidos, permeabilidad moderada, capacidad de retencion de agua moderada y escorrentia mediana. Son faciles de trabajar y la zona radicular es profunda. La fertilidad natural es alta.

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Dr - Durados Sandy Loam

THE DURADOS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN SAND SIZE SEA SHELLS, AND VOLCANICS FRAGMENTS. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, SANDY LOAM SURFACE LAYER 14 INCHES THICK. THE SUBSURFACE LAYER IS DARK BROWN, LOAMY FINE SAND. THE UPPER SUBSTRATUM IS VERY PALE BROWN AND VERY DARK GRAYISH BROWN SAND. THE LOWER SUBSTRATUM TO 60 INCHES IS DARK YELLOWISH BROWN, BROWNISH YELLOW, AND LIGHT BROWN SAND.

Durados arenoso lomico. Suelos profundos, excesivamente drenados, de neutral a fuertemente alcalinos, textura gruesa, permeabilidad rapida, capacidad de retencion de agua lenta, escorrentia muy lenta, facil de trabajar. La zona radicular es profunda. La fertilidad es baja.

Es - Estacion Silty Clay Loam

THE ESTACION SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON FLOOD PLAINS. THEY FORMED IN MODERATELY FINE TEXTURED SEDIMENTS OVER SAND AND GRAVEL. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM, SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSTRATUM TO 20 INCHES IS VERY DARK BROWN GRAVELLY CLAY LOAM. LOWER SUBSTRATUM IS SAND, GRAVEL AND SOME COBBLES. SLOPES RANGES FROM 0 TO 2 PERCENT.

Estacion limo arcilloso lomico. Suelos poco profundos, bien drenados, medianamente acidos, textura moderadamente fina, permeabilidad moderada, capacidad de retencion de agua baja y escorrentia lenta. Son faciles de trabajar. La zona radicular es moderadamente profunda y son fertiles.

GuF - Guayama Clay Loam, 20 To 60 Percent Slopes

THE GUAYAMA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 12 INCHES IS REDDISH BROWN GRAVELLY CLAY. THE SUBSTRATUM FROM 12 TO 18 INCHES IS YELLOWISH RED GRAVELLY CLAY LOAM. VOLCANIC ROCK IS AT 18 INCHES.

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Guayama arcilloso lomico, 20-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, neutrales, permeabilidad moderada, capacidad de retencion de agua baja, escorrentia rapida y peligro de erosion. Es dificil de trabajar debido a lo riscoso. Las zanjas de laderas y de desviacion son dificiles de trazar, establecer y mantener. La zona radicular es poco profunda. La fertilidad natural es baja.

Hm - Humacao Loam

THE HUMACAO SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON TERRACES. THEY FORMED IN SEDIMENTS DERIVED FROM WEATHERED VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN LOAM SURFACE LAYER 14 INCHES THICK. THE SUBSOIL FROM 14 TO 18 INCHES IS BROWN SANDY CLAY LOAM. THE SUBSTRATUM FROM 18 TO 55 INCHES IS YELLOWISH BROWN CLAY LOAM.

Humacao lomico. Suelos profundos, moderadamente bien drenado, fuertemente acidos, textura moderadamente fina, permeabilidad moderada, capacidad de retencion de agua moderada y escorrentia mediana. Estos suelos son faciles de trabajar. La fertilidad natural es mediana. La zona radicular es profunda.

HtE - Humatas Clay, 20 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 arcilloso, 20-40 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, riscosos, permeabilidad y erosion moderada. La capacidad de retencion de agua y la fertilidad son moderadas. La escorrentia es rapida.

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HtF - Humatas Clay, 40 To 60 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 arcilloso, 40-60 por ciento de inclinacion. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, muy riscosos, permeabilidad y erosion moderada. La capacidad de retencion de agua y la fertilidad son moderadas. La escorrentia es muy rapida.

HuF - Humatas-Rock Outcrop Complex, 20 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
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.

Complejo Humatas-estrato rocoso, 20-60 por ciento de inclinacion. Este complejo consiste de suelos Humatas y estrato rocosos. Alrededor de 45 por ciento de este complejo consiste de suelos Humatas arcilloso, 40 por ciento de estrato rocoso y 15 por ciento de otros suelos. El peligro de erosion es severo.

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Hy - Hydraquents, Saline

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.

Terrenos pantanosos de mangle, salinos. Consiste de areas miscelaneas de arboles de mangle bajo aguas saladas en areas bajas de la costa. Son suelos mal drenados que varian en color, textura y profundidad. Su reaccion varia desde ligeramente acido a fuertemente alcalino. Su permeabilidad es muy lenta, el nivel freatico cerca o sobre la superficie, la capacidad de retencion de agua es alta. La escorrentia es muy lenta.

JaE2 - Jagueyes Loam, 20 To 40 Percent Slopes, Eroded

THE JAGUEYES SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON SIDESLOPES AND RIDGES. THEY FORMED IN LOAMY MATERIAL WEATHERED FROM PLUTONIC ROCKS. TYPICALLY THESE SOILS HAVE DARK GRAYISH BROWN, SANDY LOAM SURFACE LAYER 8 INCHES THICK. THE UNDERLYING LAYER TO 18 INCHES IS YELLOWISH BROWN SANDY CLAY LOAM. THE UPPER SUBSOIL IS YELLOWISH CLAY LOAM. THE LOWER SUBSOIL IS RED, SANDY CLAY LOAM. THE SUBSTRATUM TO 95 INCHES IS RED, LOAMY SAPROLITE.

Jagueyes lomico, 20-40 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina a gruesa, permeabilidad moderada, capacidad de retencion de agua moderada y fertilidad baja. La zona radicular es profunda. La escorrentia es rapida.

JnD2 - Juncal Clay, 5 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.

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Juncal arcilloso, 5-20 por ciento de inclinacion. Suelos profundos, moderadamente bien drenado, de medianamente acido a medianamente alcalino, textura fina, permeabilidad y capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. Es dificil de trabajar debido a que es inclinado a moderadamente riscoso, y por la plasticidad y pegajosidad de la arcilla. Las zanjias son dificiles de trazar, establecer y mantener. La zona radicular es profunda. La fertilidad natural es mediana.

JuC - Juncos Clay, 5 To 12 Percent Slopes

THE JUNCOS SERIES CONSISTS OF DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BLACK CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL FROM 8 TO 18 INCHES IS DARK BROWN CLAY. THE SUBSTRATUM FROM 18 TO 40 INCHES IS YELLOWISH BROWN CLAY. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 40 INCHES.

Juncos arcilloso, 5-12 por ciento de inclinacion. Suelos profundos, bien drenados, ligeramente acido a neutral, textura fina, permeabilidad lenta, capacidad de retencion de agua moderada, la escorrentia es rapida y la erosion es un peligro. El deslizamiento es comun en cortes de caminos, zanjias y drenajes. Este suelo es dificil de trabajar debido a la inclinacion y plasticidad de la arcilla. La zona radicular es profunda. La fertilidad natural es alta.

JuD - Juncos Clay, 12 To 20 Percent Slopes

THE JUNCOS SERIES CONSISTS OF DEEP, MODERATELY WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A BLACK CLAY SURFACE LAYER 8 INCHES THICK. THE SUBSOIL FROM 8 TO 18 INCHES IS DARK BROWN CLAY. THE SUBSTRATUM FROM 18 TO 40 INCHES IS YELLOWISH BROWN CLAY. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 40 INCHES.

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Juncos arcilloso, 12-20 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, ligeramente acidos a neutrales, textura fina, permeabilidad lenta, capacidad de retencion de agua moderada, la escorrentia es rapida y la erosion es un peligro. El deslizamiento es comun en cortes de caminos, zanjas y drenajes. Este suelo es dificil de trabajar debido a la inclinacion, la plasticidad y la pegajosidad de la arcilla. La zona radicular es profunda. La fertilidad natural es alta.

LaB - Lares Clay, 2 To 5 Percent Slopes

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, 2-5 por ciento de inclinacion. Suelos profundos, algo mal drenados, muy fuertemente acidos, textura fina, permeabilidad moderadamente lenta y capacidad de agua disponible alta. La escorrentia es lenta. Estos suelos son dificiles de trabajar debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda y la fertilidad natural es mediana.

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LaC2 - Lares Clay, 5 To 12 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, 5-12 por ciento de inclinacion, erodado. Suelos profundos, algo mal bien drenados, muy fuertemente acidos, textura fina, permeabilidad moderadamente lenta y capacidad de agua disponible alta. La escorrentia es mediana. Estos suelos son dificiles de trabajar debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda y la fertilidad natural es mediana.

LmE - Limones Clay, 20 To 40 Percent Slopes

THE LIMONES SERIES CONSISTS OF DEEP, MODERATELY WELL DRAINED SOILS IN SIDESLOPES AND RIDGETOPS THEY FORMED IN MATERIAL WEATHERED FROM PLUTONIC ROCKS. TYPICALLY THESE SOILS HAVE DARK YELLOWISH BROWN, CLAY SURFACE LAYER 5 INCHES THICK. THE UPPER SUBSOIL TO 16 INCHES IS YELLOWISH BROWN, CLAY. THE LOWER SUBSOIL IS YELLOWISH RED CLAY. THE SUBSTRATUM AT 40 INCHES IS SAPROLITE.

Limones arcilloso, 20-40 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia rapida y peligro de erosion. El deslizamiento es comun en los caminos, zanjas y drenajes. El suelo es dificil de trabajar debido a que es muy risoso. Las zanjas de ladera y de desviacion son dificiles de trazar, establecer y mantener. La zona radicular es profundo. La fertilidad natural es mediana.

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LmF - Limones Clay, 40 To 60 Percent Slopes

THE LIMONES SERIES CONSISTS OF DEEP, MODERATELY WELL DRAINED SOILS IN SIDESLOPES AND RIDGETOPS THEY FORMED IN MATERIAL WEATHERED FROM PLUTONIC ROCKS. TYPICALLY THESE SOILS HAVE DARK YELLOWISH BROWN, CLAY SURFACE LAYER 5 INCHES THICK. THE UPPER SUBSOIL TO 16 INCHES IS YELLOWISH BROWN, CLAY. THE LOWER SUBSOIL IS YELLOWISH RED CLAY. THE SUBSTRATUM AT 40 INCHES IS SAPROLITE.

Limones arcilloso, 40-60 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, muy fuertemente acidos, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia rapida y peligro de erosion. El deslizamiento es comun en los caminos, zanjas y drenajes. El suelo es dificil de trabajar debido a que es muy riscoso. Las zanjas de ladera y de desviacion son dificiles de trazar, establecer y mantener. La zona radicular es profundo. La fertilidad natural es mediana.

LoF2 - Lirios Silty Clay Loam, 20 To 60 Percent Slopes, Eroded

THE LIRIOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 14 INCHES IS RED CLAY AND FROM 14 TO 23 INCHES IS RED SILTY CLAY. THE SUBSTRATUM FROM 23 TO 60 INCHES IS RED, STRONG BROWN, REDDISH BROWN, AND PINK SILTY CLAY LOAM SAPROLITE.

Lirios limo arcilloso lomico, 20-60 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, muy fuertemente acidos, textura fina, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia rapida y peligro de erosion. El deslizamiento es comun en caminos, zanjas y drenajes. Estos suelos son dificiles de trabajar debido a lo riscosos y muy riscosos. Las zanjas de ladera y de desviacion son dificiles de trazar, establecer y mantener. La zona radicular es profunda y la fertilidad es mediana.

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LsE - Los Guineos Clay, 20 To 40 Percent Slopes

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, 20-40 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, textura fina, riscoso, muy fuertemente acido, permeabilidad moderadamente lenta y capacidad de retencion de agua alta. La escorrentia es rapida y la fertilidad es moderada.

LsF - Los Guineos Clay, 40 To 60 Percent Slopes

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, 40-60 por ciento de inclinacion. Suelo profundo, moderadamente bien drenado, textura fina, muy riscoso, muy fuertemente acido, permeabilidad moderadamente lenta, capacidad retencion de agua alta. La escorrentia es muy rapida y la fertilidad es moderada.

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MaA - Mabi Clay, 0 To 2 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, 0-2 por ciento de inclinacion. Suelos profundos, algo mal drenados, de muy fuertemente acidos a medianamente alcalinos, textura fina, permeabilidad lenta, capacidad de retencion de agua alta y escorrentia lenta. La zona radicular es profunda y son ligeramente inclinados. Estos suelos son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda y la fertilidad natural alta.

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, de muy fuertemente acidos a medianamente alcalinos, textura fina, permeabilidad lenta, capacidad de retencion de agua alta y escorrentia lenta. La zona radicular es profunda y son ligeramente inclinados. Estos suelos son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda y la fertilidad natural alta.

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MaC - Mabi Clay, 5 To 12 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, 5-12 por ciento de inclinacion. Suelos profundos, algo mal drenados, de muy fuertemente acidos a medianamente alcalinos, textura fina, permeabilidad lenta, capacidad de retencion de agua alta y escorrentia lenta. La zona radicular es profunda y son inclinados. Estos suelos son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda y la fertilidad natural alta.

Md - Made Land

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

Terreno creado (Made Land). Consiste de areas donde el perfil de suelo ha sido cubierto o destruido por el movimiento del terreno. Las areas generalmente han sido niveladas con propositos de ingenieria.

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MlF - Malaya Clay Loam, 40 To 60 Percent Slopes

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, 40-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, permeabilidad moderada, capacidad de retencion de agua baja. La escorrentia es muy rapida y la erosion es un peligro. El deslizamiento es comun en caminos, zanjas de ladera y drenajes. Estos suelos son dificiles de trabajar debido a lo riscoso y muy riscoso y debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda. La fertilidad natural es alta.

MoF - Maricao Clay, 20 To 60 Percent Slopes

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. Suelos poco profundos, bien drenados, permeabilidad moderada, capacidad de retencion de agua moderada. La escorrentia es muy rapida y la erosion es un peligro. El deslizamiento es comun en caminos, zanjas de ladera y drenajes. Estos suelos son dificiles de trabajar debido a lo riscoso y muy riscoso y debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda. La fertilidad natural es mediana.

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Mp - Martin Pena Muck

THE MARTIN PENA SERIES CONSISTS OF VERY DEEP, VERY POORLY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A BLACK MUCK SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSTRATUM TO 28 INCHES IS VERY DARK BROWN, SILTY CLAY LOAM AND CLAY. THE UNDERLYING LAYER IS GREENISH GRAY CLAY. THE LOWER SUBSTRATUM TO 63 INCHES IS VERY DARK BROWN CLAY. SLOPES RANGE FROM 0 TO 2 PERCENT.

Martin Pena, tierra turbosa. Suelos profundos, muy mal drenados, de medianamente alcalinos a neutrales, textura fina, permeabilidad muy lenta y capacidad de retencion de agua alta. La escorrentia es lenta. Este suelo es muy dificil de trabajar debido a lo humedo.

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, de medianamente acido a neutral, de permeabilidad y capacidad de retencion de agua moderada. La escorrentia es baja. La fertilidad natural es mediana.

MtB - Montegrando Clay, 2 To 5 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.

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Montegrando arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, de fuertemente acidos a neutrales, textura fina, permeabilidad y capacidad de retencion de agua moderadas. La escorrentia es lentaa. Los suelos son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda. La fertilidad natural es alta.

MtC - Montegrando Clay, 5 To 12 Percent Slopes

THE MONTEGRANDO 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, 5-12 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, de fuertemente acidos a neutrales, textura fina, permeabilidad moderadamente lenta y capacidad de retencion de agua moderada. La escorrentia es mediana. Los suelos son dificiles de trabajar debido a la plasticidad y pegajosidad de la arcilla. La zona radicular es profunda. La fertilidad natural es alta.

MuF2 - 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.

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Morado arcilloso lomico, 40-60 por ciento de inclinacion, erodado. Suelo moderadamente profundo a la roca volcanica blanda, bien drenado, de ligera a medianamente acido, textura moderadamente fina, muy riscoso, con permeabilidad moderada y erosion de moderada a severa. La capacidad de retencion de agua es moderada y la fertilidad es alta. La escorrentia es muy rapida.

MxD - Mucara Clay, 12 To 20 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, 12-20 por ciento de inclinacion. Suelos moderadamente profundo, bien drenados, de ligeramente acidos a neutros, textura fina, permeabilidad moderada, capacidad de retencion de agua moderada, escorrentia rapida y peligro de erosion. Los deslizamientos son comunes en caminos, zanjas y drenajes. Los suelos son dificiles de trabajar debido a que son moderadamente riscosos y por la pegajosidad de la arcilla. La zona radicular es moderadamente profunda. Estos suelos son fertiles.

MxE - Mucara Clay, 20 To 40 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.

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Mucara arcilloso, 20-40 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, de ligeramente acidos a neutros, textura fina, permeabilidad moderada, capacidad de retencion de agua baja, escorrentia muy rapida y peligro de erosion. Los deslizamientos son comunes en caminos, zanjas y drenajes. Los suelos son dificiles de trabajar debido a que son riscosos y por la pegajosidad de la arcilla. La zona radicular es moderadamente profunda. Estos suelos son fertiles.

MxF - Mucara Clay, 40 To 60 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, 40-60 por ciento de inclinacion. Suelo moderadamente profundo a la roca volcanica, bien drenado, textura fina, ligeramente acido, muy ricioso con permeabilidad y erosion moderada. La capacidad de retencion de agua es baja. La escorrentia es muy rapida y la fertilidad es moderada. El subsuelo tiene un alto potencial de expansion.

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NaD2 - Naranjito Silty Clay Loam, 12 To 20 Percent Slopes, Eroded

THE NARANJITO SERIES CONSISTS OF MODERATELY DEEP WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 30 INCHES IS YELLOWISH RED AND YELLOWISH BROWN CLAY. THE SUBSTRATUM FROM 30 TO 38 INCHES IS YELLOWISH RED, RED, AND LIGHT OLIVE BROWN CLAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 38 INCHES.

Naranjito limo arcilloso lomico, 12-20 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, textura moderadamente fina, de fuerte a muy fuertemente acidos, permeabilidad y capacidad de retencion de agua moderada, escorrentia rapida y peligro de erosion. La fertilidad natural es mediana. Estos suelos son dificiles de trabajar debido a que son moderadamente inclinados.

NaE2 - Naranjito Silty Clay Loam, 20 To 40 Percent Slopes, Eroded

THE NARANJITO SERIES CONSISTS OF MODERATELY DEEP WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 30 INCHES IS YELLOWISH RED AND YELLOWISH BROWN CLAY. THE SUBSTRATUM FROM 30 TO 38 INCHES IS YELLOWISH RED, RED, AND LIGHT OLIVE BROWN CLAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 38 INCHES.

Naranjito limo arcilloso lomico, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, textura moderadamente fina, de fuerte a muy fuertemente acidos, permeabilidad moderada y capacidad de retencion de agua baja, escorrentia rapida y peligro de erosion. La fertilidad natural es mediana. Las cosechas responden bien a las aplicaciones de cal y fertilizantes. Estos suelos son dificiles de trabajar debido a que son moderadamente inclinados.

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NaF2 - Naranjito Silty Clay Loam, 40 To 60 Percent Slopes, Eroded

THE NARANJITO SERIES CONSISTS OF MODERATELY DEEP WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 30 INCHES IS YELLOWISH RED AND YELLOWISH BROWN CLAY. THE SUBSTRATUM FROM 30 TO 38 INCHES IS YELLOWISH RED, RED, AND LIGHT OLIVE BROWN CLAY LOAM. SEMI-CONSOLIDATED VOLCANIC ROCK IS AT 38 INCHES.

Naranjito limo arcilloso lomico, 40-60 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, textura moderadamente fina, de fuerte a muy fuertemente acidos, permeabilidad moderada y capacidad de retencion de agua baja, escorrentia rapida y peligro de erosion. La fertilidad natural es mediana. Las cosechas responden bien a las aplicaciones de cal y fertilizantes. Estos suelos son dificiles de trabajar debido a que son moderadamente inclinados.

PaD - Pandura Sandy Loam, 12 To 20 Percent Slopes

THE PANDURA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN LOAM SURFACE LAYER 3 INCHES THICK. THE SUBSOIL FROM 3 TO 7 INCHES IS DARK GRAYISH BROWN LOAM AND 7 TO 15 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. THE SUBSTRATUM FROM 15 TO 19 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. WEATHERED VOLCANIC ROCK IS AT 19 INCHES.

Pandura arenoso lomico, 12-20 por ciento de inclinacion. Suelos poco profundos, bien drenados, de mediana a fuertemente acidos, de textura gruesa, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es mediana y la erosion es un peligro. La zona radicular es poco profunda y la fertilidad mediana. Es dificil de trabajar debido a que es moderadamente inclinado.

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PaE - Pandura Sandy Loam, 20 To 40 Percent Slopes

THE PANDURA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN LOAM SURFACE LAYER 3 INCHES THICK. THE SUBSOIL FROM 3 TO 7 INCHES IS DARK GRAYISH BROWN LOAM AND 7 TO 15 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. THE SUBSTRATUM FROM 15 TO 19 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. WEATHERED VOLCANIC ROCK IS AT 19 INCHES.

Pandura arenoso lomico, 20-40 por ciento de inclinacion. Suelos poco profundos, bien drenados, de mediana a fuertemente acidos, de textura gruesa, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro. La zona radicular es poco profunda y la fertilidad mediana. Es dificil de trabajar debido a que es moderadamente inclinado.

PaF - Pandura Sandy Loam, 40 To 60 Percent Slopes

THE PANDURA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A DARK BROWN LOAM SURFACE LAYER 3 INCHES THICK. THE SUBSOIL FROM 3 TO 7 INCHES IS DARK GRAYISH BROWN LOAM AND 7 TO 15 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. THE SUBSTRATUM FROM 15 TO 19 INCHES IS LIGHT OLIVE BROWN SANDY LOAM. WEATHERED VOLCANIC ROCK IS AT 19 INCHES.

Pandura arenoso lomico, 40-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, de mediana a fuertemente acido, de textura gruesa, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro. La zona radicular es poco profunda y la fertilidad mediana. Es dificil de trabajar debido a que es moderadamente inclinado.

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PeF - Pellejas Clay Loam, 40 To 60 Percent Slopes

THE PELLEJAS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN CLAY LOAM SURFACE LAYER 5 INCHES THICK. THE SUBSOIL FROM 5 TO 11 INCHES IS PALE BROWN AND DARK YELLOWISH BROWN CLAY LOAM. THE SUBSOIL FROM 11 TO 15 INCHES IS DARK YELLOWISH BROWN SANDY LOAM. THE SUBSTRATUM FROM 15 TO 60 INCHES IS LIGHT BROWNISH GRAY LOAMY SAND.

Pellejas arcilloso lomico, 40-60 por ciento de inclinacion. Suelo profundo, algo excesivamente bien drenado, textura moderadamente fina, fuertemente acido, permeabilidad rapida. La capacidad de retencion de agua es baja, la escorrentia es muy rapida y la fertilidad es moderada.

Re - Reilly Sandy 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 arenoso lomico. Suelos poco profundo a la grava, excesivamente drenados, textura gruesa, de mediana a ligeramente acido, permeabilidad rapida y capacidad de retencion de agua baja. La escorrentia es lenta. Este suelo es facil de trabajar. La zona radicular es poco profunda y la fertilidad baja.

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RoB - Rio Arriba Clay, 2 To 5 Percent Slopes

THE RIO ARRIBA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS IN ALLUVIAL FANS AND TERRACES. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS YELLOWISH BROWN CLAY. THE LOWER SUBSOIL IS YELLOWISH BROWN CLAY. THE SUBSTRATUM TO 60 INCHES IS REDDISH YELLOW CLAY.

Rio Arriba arcilloso, 2-5 por ciento de inclinacion. Suelos profundos, moderadamente bien drenados, de fuerte a muy fuertemente acidos, textura fina, permeabilidad moderadamente lenta, capacidad de retencion de agua alta y potencial expansivo alto. La escorrentia es mediana y son dificiles de trabajar.

RoC2 - Rio Arriba Clay, 5 To 12 Percent Slopes, Eroded

THE RIO ARRIBA SERIES CONSISTS OF VERY DEEP, MODERATELY WELL DRAINED SOILS IN ALLUVIAL FANS AND TERRACES. THEY FORMED IN CLAYEY SEDIMENTS OF MIXED ORIGIN. TYPICALLY THESE SOILS HAVE A BROWN, CLAY SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL IS YELLOWISH BROWN CLAY. THE LOWER SUBSOIL IS YELLOWISH BROWN CLAY. THE SUBSTRATUM TO 60 INCHES IS REDDISH YELLOW CLAY.

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Rio Arriba arcilloso, 5-12 por ciento de inclinacion, erodado. Suelos profundos, moderadamente bien drenados, de fuerte a muy fuertemente acidos, textura fina, permeabilidad moderadamente lenta, capacidad de retencion de agua alta y potencial expansivo alto. La escorrentia es rapida y son dificiles de trabajar.

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, bien drenados, textura fina, muy fuertemente acidos, permeabilidad moderadamente lenta y capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. La fertilidad natural es baja. Son dificiles de trabajar debido a la inclinacion, la plasticidad y pegajosidad de la arcilla.

RpE2 - Rio Piedras Clay, 20 To 40 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.

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Rio Piedras arcilloso, 20-40 por ciento de inclinacion, erodado. Suelos moderadamente profundos, bien drenados, textura fina, muy fuertemente acidos, permeabilidad moderadamente lenta y capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro. La fertilidad natural es baja. Son dificiles de trabajar debido a la inclinacion, la plasticidad y pegajosidad de la arcilla.

RpF2 - Rio Piedras Clay, 40 To 60 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, 40-60 por ciento de inclinacion. Suelos moderadamente profundos, bien drenados, textura fina, muy fuertemente acidos, permeabilidad moderadamente lenta y capacidad de retencion de agua moderada. La escorrentia es rapida y la erosion es un peligro. La fertilidad natural es baja. Son dificiles de trabajar debido a la inclinacion, la plasticidad y pegajosidad de la arcilla.

SaF - Sabana Silty Clay Loam, 40 To 60 Percent Slopes

THE SABANA SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM VOLCANIC ROCKS. TYPICALLY THESE SOILS HAVE A VERY DARK GRAY SILTY CLAY LOAM SURFACE LAYER 4 INCHES THICK. THE SUBSOIL FROM 4 TO 12 INCHES IS DARK GRAYISH BROWN SILTY CLAY AND FROM 12 TO 18 INCHES IS YELLOWISH RED CLAY. CONSOLIDATED VOLCANIC ROCK IS AT 18 INCHES.

Sabana limo arcilloso lomico, 40-60 por ciento de inclinacion. Suelos muy poco profundos, bien drenados, fuertemente acidos, textura fina, permeabilidad moderada, capacidad de retencion de agua baja. La escorrentia es rapida. Este suelo es dificil de trabajar por que es muy inclinado. La zona radicular es poca profunda. La fertilidad natural es mediana.

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ScB - Sabana Seca Clay, 2 To 8 Percent Slopes

THE SABANA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN IRON RICH CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 10 INCHES THICK. THE UNDERLYING LAYER IS DARK GRAYISH BROWN CLAY. THE UPPER SUBSOIL IS GRAY CLAY. THE LOWER SUBSOIL TO 70 INCHES IS WHITE CLAY.

Sabana Seca arcilloso, 2-8 por ciento de inclinacion. Suelo profundo, mal drenado, muy fuertemente acido, textura fina, ligeramente inclinado a inclinado, con permeabilidad muy lenta y erosion moderada. La capacidad de retencion de agua es alta, son dificiles de trabajar y su fertilidad es baja. La escorrentia es lenta. El exceso de humedad y la textura arcillosa son las limitaciones mayores de estos suelos para usos no agricolas.

Sm - Saladar Muck

THE SALADAR SERIES CONSISTS OF VERY DEEP, VERY POORLY DRAINED SOILS IN DEPRESSIONS AND COASTAL MARSHES. THEY FORMED IN DECOMPOSED PLANT REMAINS. TYPICALLY THESE SOILS HAVE BLACK ORGANIC SURFACE LAYER 10 INCHES THICK. THE UNDERLYING LAYER TO 51 INCHES IS BLACK ORGANIC MATERIAL. SLOPES RANGE FROM 0 TO 2 PERCENT.

Saladar tierra turbosa. Suelos profundos, mal drenados, con un horizonte profundo de tierra turbosa negra. Estan formados en material organico altamente descompuesto. Se encuentran en depresiones cerradas y en pantanos costeros con salidas inadecuadas. La permeabilidad es lenta, y la capacidad de retencion de agua es alta. La escorrentia es lenta. El suelo es dificil de trabajar debido a que es muy humedo. Estos suelos tienen limitaciones para usos urbanos debido a que son muy humedos y estan sujetos a inundaciones.

SoE - Soller Clay Loam, 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.

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Soller arcilloso lomico, 20-40 por ciento de inclinacion. Suelos poco profundos, bien drenados, textura fina, de mediana a fuertemente alcalinos, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro. Este suelo es dificil de trabajar debido a lo inclinado. La zona radicular es poco profunda y la fertilidad es baja.

SoF - Soller Clay Loam, 40 To 60 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 lomico, 40-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, textura fina, de mediana a fuertemente alcalinos, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es muy rapida y la erosion es un peligro. Este suelo es dificil de trabajar debido a lo inclinado. La zona radicular es poco profunda y la fertilidad es baja.

TaF - Tanama-Rock Outcrop Complex, 20 To 60 Percent Slopes

ROCK OUTCROP CONSISTS OF EXPOSURES OF BARE, HARD BEDROCK.
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.

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Complejo Tanama-estrato rocoso, 20-60 por ciento de inclinacion. Estos complejos estan formados en topografia caracterizada por mogotes. Este complejo consiste de alrededor de 45 por ciento de suelos Tanama, 40 por ciento de rocas fuera de cultivo y 15 por ciento de suelos menores. Los suelos Tanama son poco profundos, bien drenados, de textura fina, de neutrales a medianamente alcalinos, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro. Estos suelos son dificiles de trabajar por ser riscosos y por la cantidad de rocas. La zona radicular es poco profunda. La fertilidad natural es baja.

To - Toa Silty Clay Loam

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. Suelo profundo, de moderadamente a bien drenado, ligeramente acido, textura moderadamente fina y se encuentra en los llanos de aluvion. La permeabilidad y la capacidad de retencion de agua son moderadas. La escorrentia es lenta y su fertilidad es alta. El contenido de materia organica es alto. Son faciles de trabajar. Tambien se adapta al cultivo de las yerbas pangola y merker. El pastoreo diferido y el control de malezas son importantes en el manejo de los pastos.

TrB - Torres Loamy Sand, 2 To 5 Percent Slopes

THE TORRES SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS IN VALLEYS BETWEEN LIMESTONE HILLS. THEY FORMED IN SANDY OVER CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN LOAM, LOAMY SAND SURFACE LAYER 10 INCHES THICK. THE SUBSURFACE LAYERS TO 28 INCHES ARE DARK BROWN LOAMY SAND AND SANDY LOAM. THE SUBSOIL IS YELLOWISH BROWN CLAY TO 64 INCHES.

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Torres lomico arenoso, 2-5 por ciento de inclinacion. Suelos profundos, excesivamente drenados, textura medianamente gruesa, fuertemente acidos, de permeabilidad rapida en la superficie y moderada en el subsuelo. La capacidad de retencion de agua es baja. La escorrentia es lenta. Son faciles de trabajar. La zona radicular es profunda y la fertilidad es baja.

Ts - Tropopsamments

TROPOPSAMMENTS CONSIST OF VERY DEEP, EXCESSIVELY DRAINED SOILS ADJACENT TO THE COAST. THEY FORMED IN FINELY GROUND SEA SHELLS AND SAND. SLOPES ARE 0 TO 2 PERCENT.

Tropopsamments (Dunas de Arena). Suelo profundo, excesivamente drenado, textura arenosa, calizas amontonadas por el viento en pequenas montanas a lo largo de las costas. La permeabilidad es muy rapida y la capacidad de retencion de humedad es bien baja. La escorrentia es bien lenta y la fertilidad es baja.

Ud - Urban Land-Durados Complex

URBAN LAND IS MOSTLY COVERED BY STREETS, PARKING LOTS, BUILDINGS AND OTHER STRUCTURES OF URBAN AREAS.

THE DURADOS SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN SAND SIZE SEA SHELLS, AND VOLCANICS FRAGMENTS. TYPICALLY THESE SOILS HAVE VERY DARK BROWN, SANDY LOAM SURFACE LAYER 14 INCHES THICK. THE SUBSURFACE LAYER IS DARK BROWN, LOAMY FINE SAND. THE UPPER SUBSTRATUM IS VERY PALE BROWN AND VERY DARK GRAYISH BROWN SAND. THE LOWER SUBSTRATUM TO 60 INCHES IS DARK YELLOWISH BROWN, BROWNISH YELLOW, AND LIGHT BROWN SAND.

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Complejos Tierra Urbana-Durados. Este complejo casi llano consiste de alrededor de 70 por ciento de terreno urbano, 20 por ciento de suelos Durados y 10 por ciento de otros suelos. Las areas fluctuan entre 500 a 2000 acres. La composicion de esta unidad es practicamente la misma de lugar en lugar. Los terrenos urbanos consisten principalmente de zonas residenciales, edificios industriales, areas de estacionamiento, calles y otras estructuras que acompanan el desarrollo de una comunidad. La topografia ha sido alterada en lugares por medio de cortes y rellenos. No es practico el separar los suelos del terreno urbano por que se encuentran en un patron dificil de disociar.

Um - Urban Land-Mucara Complex

URBAN LAND IS MOSTLY COVERED BY STREETS, PARKING LOTS, BUILDINGS AND OTHER STRUCTURES OF URBAN AREAS.

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.

Complejo Terreno Urbano-Mucara. Este complejo consiste de alrededor de 50 por ciento de terreno urbano, 30 por ciento de suelos Mucara y alrededor de 20 por ciento de estrato rocoso y otros suelos. El por ciento de inclinacion en estos suelos es irregular y las areas fluctuan entre 500 a 1000 acres. Los terrenos urbanos consisten de areas que han sido alteradas para preparar sitios para edificios, avenidas o areas verdes. Este complejo incluye estrato rocoso y otros suelos menores. No es practico el separar los suelos del terreno urbano por que se encuentran en un patron dificil de disociar.

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Nontechnical Descriptions
San Juan Area, Puerto Rico

Us - Urban Land-Sabana Seca Complex

URBAN LAND IS MOSTLY COVERED BY STREETS, PARKING LOTS, BUILDINGS AND OTHER STRUCTURES OF URBAN AREAS.

THE SABANA SERIES CONSISTS OF VERY DEEP, POORLY DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN IRON RICH CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE VERY DARK GRAYISH BROWN, CLAY SURFACE LAYER 10 INCHES THICK. THE UNDERLYING LAYER IS DARK GRAYISH BROWN CLAY. THE UPPER SUBSOIL IS GRAY CLAY. THE LOWER SUBSOIL TO 70 INCHES IS WHITE CLAY.

Complejo Terreno Urbano-Sabana Seca. Este complejo consiste de alrededor de 60 por ciento de terreno urbano, 30 por ciento de suelos Sabana Seca y 10 por ciento de otros suelos. Las areas son casi llanas a ligeramente inclinadas y estan en los llanos costeros. Fluctuan entre 1000 a 3000 acres. La composicion de este complejo es similar de sitio en sitio. Los terrenos urbanos consisten principalmente de zonas residenciales, edificios industriales, areas de estacionamiento, calles y otras estructuras que acompanan el desarrollo de una comunidad. La topografia ha sido alterada en lugares por medio de corte y relleno. No es practico el separar los suelos del terreno urbano por que se encuentran en un patron dificil de disociar.

Uv - Urban Land-Vega Alta Complex

URBAN LAND IS MOSTLY COVERED BY STREETS, PARKING LOTS, BUILDINGS AND OTHER STRUCTURES OF URBAN AREAS.

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

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Complejo Terreno Urbano-Vega Alta. Este complejo consiste de alrededor de 60 por ciento de terreno urbano, 25 por ciento de suelos Vega Alta y 15 por ciento de suelos Aceitunas y Humatas. Las areas son de ligera a moderadamente onduladas y fluctuan entre 3000 a 5000 acres. La composicion de este complejo es similar de sitio en sitio. Los terrenos urbanos consisten principalmente de zonas residenciales, edificios industriales, areas de estacionamiento, calles y otras estructuras que acompanan el desarrollo de una comunidad. La topografia ha sido alterada en lugares por medio de corte y relleno. No es practico el separar los suelos del terreno urbano por que se encuentran en un patron dificil de disociar.

VaB - Vega Alta Clay Loam, 2 To 5 Percent Slopes

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

Vega Alta arcilloso lomico, 2-5 por ciento de inclinacion. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos, textura moderadamente fina, permeabilidad y capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. Este suelo es dificil de trabajar debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda y la fertilidad mediana.

VaC2 - Vega Alta Clay Loam, 5 To 12 Percent Slopes, Eroded

THE VEGA ALTA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS IN COASTAL PLAINS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK YELLOWISH BROWN, CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE UPPER SUBSOIL TO 36 INCHES IS RED, BROWN, AND YELLOW CLAY. THE LOWER SUBSOIL TO 84 INCHES IS DARK RED, BROWN AND LIGHT GRAY CLAY.

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Vega Alta arcilloso lomico, 5-12 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, de fuerte a muy fuertemente acidos, textura moderadamente fina, permeabilidad y capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. Este suelo es dificil de trabajar debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda y la fertilidad mediana.

Vg - Vega Baja Silty Clay

THE VEGA BAJA SERIES CONSISTS OF VERY DEEP, SOMEWHAT POORLY DRAINED SOILS ON COASTAL PLAINS AND ALLUVIAL FANS. THEY FORMED IN CLAYEY SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK BROWN SILTY CLAY SURFACE LAYER 7 INCHES THICK. THE SUBSURFACE FROM 7 TO 17 INCHES IS DARK GRAYISH BROWN AND YELLOWISH BROWN SILTY CLAY. THE SUBSOIL FROM 17 TO 32 INCHES IS STRONG BROWN AND GRAY CLAY. FROM 32 TO 50 INCHES IS BROWNISH YELLOW AND LIGHT GRAY SILTY CLAY LOAM. THE SUBSTRATUM FROM 50 TO 60 INCHES IS LIGHT GRAY SILTY CLAY. SLOPES RANGE FROM 0 TO 5 PERCENT.

Vega Baja limo arcilloso. Suelos profundos, algo mal drenados, de textura fina, de mediana a muy fuertemente acidos, permeabilidad lenta y capacidad de retencion de agua alta. Este suelo es dificil de trabajar debido al exceso de humedad y la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda. La fertilidad natural mediana.

VkC2 - Via Clay Loam, 5 To 12 Percent Slopes, Eroded

THE VIA SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS ON TERRACES. THEY FORMED IN MODERATELY FINE TEXTURED SEDIMENTS. TYPICALLY THESE SOILS HAVE A DARK GRAYISH BROWN SILTY CLAY LOAM SURFACE LAYER 8 INCHES THICK. THE SUBSOIL FROM 8 TO 23 INCHES IS REDDISH BROWN CLAY LOAM AND FROM 23 TO 47 INCHES IS YELLOWISH RED CLAY LOAM. THE SUBSTRATUM FROM 47 TO 62 INCHES IS DARK BROWN VERY GRAVELLY CLAY LOAM.

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Via arcilloso lomico, 5-12 por ciento de inclinacion, erodado. Suelos profundos, bien drenados, de textura fina, de mediana a fuertemente acidos, permeabilidad y capacidad de retencion de agua moderada. La escorrentia es mediana y la erosion es un peligro. Este suelo es dificil de trabajar debido a la pegajosidad y plasticidad de la arcilla. La zona radicular es profunda y la fertilidad natural es mediana.

Vv - Vivi Loam

THE VIVI SERIES CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS ON FLOODPLAINS. THEY FORMED IN SEDIMENTS DERIVED FROM VOLCANIC ROCK. TYPICALLY THESE SOILS HAVE A VERY DARK GRAYISH BROWN LOAM SURFACE LAYER 7 INCHES THICK. THE SUBSOIL FROM 7 TO 14 INCHES IS DARK GRAYISH BROWN LOAM. THE SUBSTRATUM FROM 14 TO 20 INCHES IS DARK BROWN VERY FINE SANDY LOAM, FROM 20 TO 30 INCHES IS VERY DARK GRAYISH BROWN LOAM, FROM 30 TO 36 INCHES IS DARK GRAYISH BROWN SAND AND FROM 36 TO 60 INCHES IS DARK GRAYISH BROWN SANDY LOAM. SLOPES RANGE FROM 0 TO 2 PERCENT.

Vivi lomico. Suelo profundo, algo excesivamente drenado, fuertemente acido, de textura mediana, se encuentra en los llanos aluviales. La permeabilidad es rapida y la capacidad de retencion de agua es baja. Es facil de trabajar y de alta fertilidad.

YeE - Yunes Silty Clay Loam, 20 To 40 Percent Slopes

THE YUNES SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM SHALE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN SILTY CLAY LOAM SURFACE LAYER 2 INCHES THICK. THE SUBSOIL FROM 2 TO 11 INCHES IS DARK BROWN VERY CHANNERY SILTY CLAY LOAM AND FROM 11 TO 16 INCHES IS BROWN VERY CHANNERY SILTY CLAY LOAM. FRAGMENTAL SHALE IS AT 16 INCHES.

Yunes limo arcilloso lomico, 20-40 por ciento de inclinacion. Suelos poco profundos, bien drenados, textura mediana, de fuerte a muy fuertemente acidos, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro.

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YeF - Yunes Silty Clay Loam, 40 To 60 Percent Slopes

THE YUNES SERIES CONSISTS OF SHALLOW, WELL DRAINED SOILS ON UPLANDS. THEY FORMED IN MATERIAL WEATHERED FROM SHALE. TYPICALLY THESE SOILS HAVE A DARK REDDISH BROWN SILTY CLAY LOAM SURFACE LAYER 2 INCHES THICK. THE SUBSOIL FROM 2 TO 11 INCHES IS DARK BROWN VERY CHANNERY SILTY CLAY LOAM AND FROM 11 TO 16 INCHES IS BROWN VERY CHANNERY SILTY CLAY LOAM. FRAGMENTAL SHALE IS AT 16 INCHES.

Yunes limo arcilloso lomico, 40-60 por ciento de inclinacion. Suelos poco profundos, bien drenados, textura mediana, de fuerte a muy fuertemente acidos, permeabilidad moderada y capacidad de retencion de agua baja. La escorrentia es rapida y la erosion es un peligro.