

Pacific Islands Area
Limiting Soils for Fence Installations
Practice Code 382 & 472
FY 2010 EQIP and WHIP

American Samoa

Map

Symbol

Map unit name

- | | |
|----|--|
| 1 | Aua very stony silty clay loam, 15 to 30 percent slopes |
| 2 | Aua very stony silty clay loam, 30 to 60 percent slopes |
| 3 | Fagasa-Ofu silty clays, 30 to 60 percent slopes |
| 4 | Fagasa family-Lithic Hapludolls-Rock outcrop association, very steep |
| 5 | Ilili extremely stony mucky clay loam, 3 to 15 percent slopes |
| 15 | Ofu silty clay, 40 to 70 percent slopes |
| 18 | Ofu variant-Rock outcrop complex, 40 to 70 percent slopes |
| 21 | Oloava silty clay loam, 40 to 100 percent slopes |
| 26 | Puapua-Rock outcrop complex, 40 to 100 percent slopes |
| 27 | Rock outcrop-Hydrandepts-Dystrandepts association, very steep |
| 28 | Sogi-Puapua clay loams, 0 to 6 percent slopes |
| 29 | Sogi-Puapua clay loams, 6 to 20 percent slopes |
| 30 | Sogi-Puapua clay loams, 20 to 40 percent slopes |
| 32 | Tafuna extremely stony muck, 3 to 15 percent slopes |

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Territory of Guam

Map

Symbol

Map unit name

2	Agfayan clay, 30 to 60 percent slopes
5	Agfayan-Rock outcrop complex, 30 to 60 percent slopes
6	Agfayan-Akina association, extremely steep
7	Agfayan-Akina-Rock outcrop association, extremely steep
11	Akina slity clay, 30 to 60 percent slopes
12	Akina-Agfayan association, steep
16	Akina-Atate silty clays, 30 to 60 percent slopes
17	Akina-Atate association, steep
20	Akina-Badland complex, 30 to 60 percent slopes
21	Akina-Badland association, steep
25	Guam cobbly clay loam, 3 to 7 percent slopes
26	Guam cobbly clay loam, 7 to 15 percent slopes
27	Guam-Saipan complex, 0 to 7 percent slopes
28	Guam-Urban land complex, 0 to 3 percent slopes
29	Guam-Yigo complex, 0 to 7 percent slopes
36	Pulantat clay, 30 to 60 percent slopes
43	Ritidian-Rock outcrop complex, 3 to 15 percent slopes
44	Ritidian-Rock outcrop complex, 15 to 60 percent slopes
45	Rock outcrop-Ritidian complex, 60 to 99 percent slopes

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CNMI - Islands of Aguijan, Rota, Saipan, and Tinian

Map

Symbol

Map unit name

- | | |
|----|---|
| 1 | Agfayan variant-Rock outcrop complex, 15 to 30 percent slopes |
| 2 | Agfayan variant-Rock outcrop complex, 30 to 60 percent slopes |
| 4 | Akina-Badland complex, 30 to 60 percent slopes |
| 5 | Banaderu clay loam, 3 to 5 percent slopes |
| 6 | Banaderu clay loam, 3 to 5 percent slopes |
| 7 | Banaderu-Rock outcrop complex, 5 to 15 percent slopes |
| 8 | Banaderu-Rock outcrop complex, 15 to 30 percent slopes |
| 10 | Chinen clay loam, 0 to 5 percent slopes |
| 11 | Chinen clay loam, 5 to 15 percent slopes |
| 12 | Chinen clay loam, 15 to 30 percent slopes |
| 13 | Chinen very gravelly sandy loam, 0 to 5 percent slopes |
| 14 | Chinen very gravelly sandy loam, 5 to 15 percent slopes |
| 15 | Chinen-Rock outcrop complex, 3 to 15 percent slopes |
| 16 | Chinen-Rock outcrop complex, 15 to 30 percent slopes |
| 17 | Chinen-Urban land complex, 0 to 5 percent slopes |
| 18 | Chinen-Urban land complex, 5 to 15 percent slopes |
| 19 | Dandan-Chinen complex, 0 to 5 percent slopes |
| 20 | Dandan-Chinen complex, 5 to 15 percent slopes |
| 21 | Dandan-Chinen-Pits complex, 0 to 5 percent slopes |
| 22 | Dandan-Chinen-Pits complex, 5 to 15 percent slopes |
| 33 | Laolao clay, 30 to 60 percent slopes |
| 34 | Luta cobbly clay loam, 0 to 5 percent slopes |
| 35 | Luta cobbly clay loam, 5 to 15 percent slopes |
| 36 | Luta cobbly clay loam, moist, 0 to 5 percent slopes |
| 37 | Luta cobbly clay loam, moist, 5 to 15 percent slopes |
| 38 | Luta-Rock outcrop complex, 0 to 5 percent slopes |
| 39 | Luta-Rock outcrop complex, 5 to 15 percent slopes |
| 40 | Luta-Rock outcrop complex, 15 to 30 percent slopes |
| 42 | Rock outcrop-Takpochao complex, 60 to 99 percent slopes |
| 50 | Takpochao-Rock outcrop complex, 3 to 15 percent slopes |
| 51 | Takpochao-Rock outcrop complex, 15 to 30 percent slopes |
| 52 | Takpochao-Rock outcrop complex, 30 to 60 percent slopes |
| 53 | Takpochao variant-Shioya complex, 1 to 10 percent slopes |

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Island of Hawaii

Map

Symbol

Map unit name

ApD	Alapai extremely stony silty clay loam, 10 to 20 percent slopes
ASD	Apakuie very stony very fine sandy loam, 12 to 20 percent slopes
HCD	Hanipoe very stony loam, 12 to 20 percent slopes
HeC	Hawi extremely stony silty clay, 6 to 12 percent slopes
HFD	Hanipoe very rocky silt loam, 6 to 20 percent slopes
HHC	Heake very rocky sandy loam, 6 to 12 percent slopes
HKC	Heake extremely rocky sandy loam, 0 to 10 percent slopes
HIC	Hilea silty clay loam, 6 to 12 percent slopes
HRD	Honaunau extremely rocky silty clay loam, 6 to 20 percent slopes
HUD	Honuauulu very stony silty clay loam, 6 to 20 percent slopes
HVD	Honuauulu extremely stony silty clay loam, 12 to 20 percent slope
KBC	Kaalualu extremely stony loamy sand, 2 to 12 percent slopes
KDD	Kainaliu very stony silty clay loam, 12 to 20 percent slopes
KEC	Kainaliu extremely stony silty clay loam, 12 to 20 percent slopes
KKC	Kamaoa extremely stony loam, 6 to 12 percent slopes
KMD	Kapapala very rocky loam, 6 to 20 percent slopes
KNC	Kawaihae extremely stony very fine sandy loam, 6 to 12 percent slopes
KOC	Kawaihae very rocky very fine sandy loam, 6 to 12 percent slopes
KRD	Kealakekua very stony silty clay loam, 6 to 20 percent slopes
KSD	Kealakekua extremely stony silty clay loam, 12 to 20 percent slopes
KYC	Kikoni extremely stony very fine sandy loam, 6 to 12% slopes
LUC	Laumaia extremely stony silt loam, 6 to 12 percent slopes
MKC	Mahukona very stony silty clay loam, 6 to 12 percent slopes
MND	Manahaa extremely stony silt loam, 6 to 20 percent slopes
MT	Mixed alluvial land
NhD	Naalehu very rocky silty clay loam, 6 to 20 percent slopes
OID	Olaa extremely stony silty clay loam, 0 to 20 percent slopes
OSD	Ohia extremely stony silty clay loam, 0 to 20 percent slopes
PeC	Panaewa very rocky silty clay loam, 0 to 10 percent slopes
POD	Piihonua extremely stony silty clay loam, 6 to 20 percent slopes
PSC	Puukala extremely stony silt loam, 6 to 12 percent slopes
PTC	Puukala very rocky silt loam, 6 to 12 percent slopes
PVD	Puu Pa extremely stony very fine sandy loam, 6 to 20 percent slopes

Island of Hawaii – Cont.

- PVF3 Puu Pa extremely stony very fine sandy loam, 70 to 100 percent slopes, severely eroded
- rAR Amalu-Rough broken land association
- RB Rough broken land
- rCL Cinder land
- rHLD Huikau extremely stony loamy sand, 12 to 20 percent slopes
- rKAD Kahaluu extremely rocky muck, 6 to 20 percent slopes
- rKED Kaimu extremely stony peat, 7 to 25 percent slopes
- rKFD Keaukaha extremely rocky muck, 6 to 20 percent slopes
- rKGD Keei extremely rocky muck, 6 to 20 percent slopes
- rKHD Kekake extremely rocky muck, 6 to 20 percent slopes
- rKXD Kiloa extremely stony muck, 6 to 20 percent slopes
- rKYD Kona extremely rocky muck, 6 to 20 percent slopes
- rLLD Lalaau extremely stony muck, 6 to 20 percent slopes
- rLV Lava flows, aa
- rLW Lava flows, pahoehoe
- rMAD Malama extremely stony muck, 3 to 15 percent slopes
- rMWD Mawae extremely stony muck, 6 to 20 percent slopes
- rOPE Opihikao extremely rocky muck, 3 to 25 percent slopes
- rPAE Papai extremely stony muck, 3 to 25 percent slopes
- rPHB Puhimau silt loam, 2 to 6 percent slopes
- rPXE Puna extremely stony muck, 3 to 25 percent slopes
- rPYD Punaluu extremely rocky peat, 6 to 20 percent slopes
- rRO Rock land
- rVS Very stony land
- USD Umikoa extremely stony silt loam, 12 to 20 percent slopes
- WAC Waiaha silt loam, 0 to 10 percent slopes
- WAD Waiaha silt loam, 10 to 20 percent slopes
- WHC Waiaha extremely stony silt loam, 6 to 12 percent slopes
- WKD Waiaha very rocky silt loam, 10 to 20 percent slopes
- WSD Waimea extremely stony very fine sandy loam, 12 to 20 percent slopes

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Island of Kauai

Map

Symbol

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BL	Badland
BM	Badland-Mahana complex
HMMF	Hihimanu silty clay loam, 40 to 70 percent slopes
HNUF	Hulua gravelly silty clay loam, 25 to 70 percent slopes
KdF	Kalapa silty clay, 40 to 70 percent slopes
KEHF	Kalapa very rocky silty clay, 40 to 70 percent slopes
KOYE	Kekaha extremely stony silty clay loam, 0 to 35 percent slopes
KSKE	Kokee silty clay loam, 0 to 35 percent slopes
KUL	Kolokolo extremely stony clay loam
KvB	Koloa stony silty clay, 3 to 8 percent slopes
KvC	Koloa stony silty clay, 8 to 15 percent slopes
KvD	Koloa stony silty clay, 15 to 25 percent slopes
LPE	Lualualei extremely stony clay, 3 to 35 percent slopes
MnC	Mamala stony silty clay loam, 0 to 12 percent slopes
OMF	Oli silt loam, 30 to 70 percent slopes
PGF	Paaiki loam, 35 to 70 percent slopes
PHXC	Pakala extremely stony sandy clay loam, 0 to 12 percent slopes
rRK	Rock land
rRO	Rock outcrop
rRR	Rough broken land
rRT	Rough mountainous land
rRU	Rubble land
rWAF	Waialeale mucky silty clay loam, 30 to 70 percent slopes
WJF	Waiawa extremely rocky clay, 30 to 80 percent slopes
Ws	Waikomo stony silty clay
Wt	Waikomo very rocky silty clay
Wu	Waikomo extremely rocky silty clay

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Island of Lanai

Map

Symbol

Map unit name

CR	Coral outcrop
rRK	Rock land
rRO	Rock outcrop
rRR	Rough broken land
rRT	Rough mountainous land
rSM	Stony alluvial land
rSN	Stony blown-out land
rVS	Very stony land
rVT2	Very stony land, eroded

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Island of Maui

Map

Symbol

Map unit name

HKLD	Hana very stony silty clay loam, 3 to 25 percent slopes
HKMD	Hana extremely stony silty clay loam, 3 to 25 percent slopes
HKOC	Hana extremely stony silty clay loam, moderately deep variant, 3 to 15 percent slopes
KCXD	Kaimu extremely stony peat, 7 to 25 percent slopes
KDVE	Kaipoiioi very rocky loam, 7 to 40 percent slopes
KGKC	Kamaole very stony silt loam, 3 to 15 percent slopes
KGLC	Kamaole extremely stony silt loam, 3 to 15 percent slopes
KLUD	Kaupo very stony silty clay loam, 3 to 25 percent slopes
KLVD	Kaupo extremely stony silty clay, 3 to 25 percent slopes
KnbD	Keahua very stony silty clay loam, 7 to 25 percent slopes
KNXD	Keawakapu extremely stony silty clay loam, 3 to 25 percent slopes
KRX	Koele-Rocky complex
KxbE	Kula very rocky loam, 12 to 40 percent slopes
LMF	Laumaia loam, 40 to 70 percent slopes
LNE	Laumaia extremely stony loam, 7 to 40 percent slopes
MJD	Makaalae extremely stony silty clay, 7 to 25 percent slopes
MWE	Makaalae clay, 7 to 40 percent slopes
MXC	Makena loam, stony complex, 3 to 15 percent slopes
MYD	Malama extremely stony muck, 3 to 25 percent slopes
OAD	Oanapuka very stony silt loam, 7 to 25 percent slopes
OED	Oanapuka extremely stony silt loam, 7 to 25 percent slopes
OPD	Opihikao extremely rocky muck, 3 to 25 percent slopes
PZVE	Puu Pa very stony silt loam, 7 to 40 percent slopes
rCI	Cinder land
rLW	Lava flows, aa
rRK	Rock land
rRO	Rock outcrop
rRR	Rough broken land
rRS	Rough broken and stony land
rRT	Rough mountainous land
rSM	Stony alluvial land
rVS	Very stony land
UMF	Uma loamy coarse sand, 40 to 70 percent slopes

Island of Maui –Cont.

- WdB Wahikuli very stony silty clay, 3 to 7 percent slopes
- WgB Waiakoa very stony silty clay loam, 3 to 7 percent slopes
- WgC Waiakoa very stony silty clay loam, 7 to 15 percent slopes
- WhB Waiakoa extremely stony silty clay loam, 3 to 7 percent slopes
- WhC Waiakoa extremely stony silty clay loam, 7 to 15 percent slopes
- WID2 Waiakoa extremely stony silty clay loam, 3 to 25 percent slopes, eroded
- WxB Wainee very stony silty clay, 3 to 7 percent slopes
- WxC Wainee very stony silty clay, 7 to 15 percent slopes
- WyB Wainee extremely stony silty clay, 3 to 7 percent slopes
- WyC Wainee extremely stony silty clay, 7 to 15 percent slopes

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Island of Molokai

Map

Symbol

Map unit name

CO	Colluvial land
GL	Gullied land
HdC	Haleiwa very stony silty clay loam, 0 to 15 percent slopes
KFID	Kalaupapa very rocky silty clay loam, 3 to 25 percent slopes
KKTC	Kapuhikani extremely stony clay, 3 to 15 percent slopes
KIbC	Kawaihapai very stony clay loam, 0 to 15 percent slopes
OMF	Oli silt loam, 30 to 70 percent slopes
rRK	Rock land
rRO	Rock outcrop
rRR	Rough broken land
rRT	Rough mountainous land
rSM	Stony alluvial land
rSO	Stony colluvial land
rTO	Tropaquods
rVS	Very stony land
rVT2	Very stony land, eroded

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Island of Oahu

Map

Symbol

Map unit name

ALF	Alaeloa silty clay, 40 to 70 percent slopes
CR	Coral outcrop
HJF2	Halawa silt loam, 35 to 70 percent slopes, eroded
HLMG	Helemano silty clay, 30 to 90 percent slopes
KanE	Kaena very stony clay, 10 to 35 percent slopes
KHMF	Kaneohe silty clay loam, 30 to 65 percent slopes
KHOF	Kaneohe silty clay, 30 to 65 percent slopes
KIG	Kapaa silty clay, 40 to 100 percent slopes
KIbC	Kawaihapai very stony clay loam, 0 to 15 percent slopes
KpF	Kemoo silty clay, 35 to 70 percent slopes
KPZ	Kemoo-Badland complex
KTKE	Kokokahi very stony clay, 0 to 35 percent slopes
LoF	Lolekaa silty clay, 40 to 70 percent slopes
LPE	Lualualei extremely stony clay, 3 to 35 percent slopes
PeF	Paumalu silty clay, 40 to 70 percent slopes
PvC	Pulehu very stony clay loam, 0 to 12 percent slopes
PYF	Papaa clay, 35 to 70 percent slopes
PZ	Paumalu-Badland complex
rCI	Cinder land
rRK	Rock land
rRO	Rock outcrop
rRT	Rough mountainous land
rST	Stony land
rSY	Stony steep land
rTP	Tropohumults-Dystrandeps association
TAF	Tantalus silt loam, 40 to 70 percent slopes
WmD	Waialua very stony silty clay, 12 to 20 percent slopes
WpF	Waikane silty clay, 40 to 70 percent slopes
WpF2	Waikane silty clay, 40 to 70 percent slopes, eroded