

Major Land Resource Area 197X Volcanic Islands of American Samoa

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Ecological site keys

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I. Soils that undergo periodic or occasional flooding

A. Soils that have a perennial high water table (<3 feet from surface)

- 1 Tidal (twice daily); saline sea water ... QX197X01X501 – Mangrove Swamp
- 2 Not tidal; fresh water ... QX197X01X001 – Coastal Marsh

B. Soils that do not have a perennial high water table (>3 feet from surface)

- 1 Sandy soils derived from coral ... QX197X01X502 – Sandy Littoral Forest
- 2 Silty clay or silty clay loam soils derived from alluvium ... QX197X01X504 – Alluvial Valley Forest

II. Soils that do not undergo flooding

A. Organic soils (Folists) in aa lava ... QX197X01X503 – Lavaflow Forest

B. Mineral soils

- 1 Areas that receive average annual rainfall less than 155 inches ... QX197X01X507 – Dry Coastal Forest
- 2 Areas that receive average annual rainfall greater than 155 inches

- i. Soils with slopes greater than 70 percent ... QX197X01X509 – Very Steep Forest

- ii. Soils with slopes less than 70 percent

- a. Skeletal soils ... QX197X01X505 – Skeletal Pachic or Fulvic Forest

- b. Non-skeletal soils

- 1) Formed in volcanic ash deposited over cinders ... QX197X01X508 – Cinder Subsurface Forest

- 2) Formed in volcanic ash or residuum over tuff or rock ... QX197X01X506 – Tuff or Rock Subsurface Forest