



Note: The contour interval varies to improve definition of coastal lowlands. First contour: 50 feet. Second contour: 150 feet. Third contour: 250 feet. Thereafter every 250 feet to 2000 feet. Over 2000 feet every 500 feet (UPOLI), every 250 feet (SAVAII).

GENERAL NOTES
 This map is a digital product derived from the Western Samoa Geographical Information System (GIS) database, which is available in pictorial format at other scales and sheet-panels.
 Topographical data for this map has been digitised from the NZMS 174 1:20000 Topographical series of Western Samoa and generalised to a prime operational scale of 1:50000.
 The sheetlines and grid conform to the new 1:50000 Topographical Series under production in the Department of Lands & Survey, Apia.
 Projection: Cassini-Soldner. Grid: UTM.

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CLASSIFICATION OF SOIL SERIES ACCORDING TO SOIL TAXONOMY

Order	Group	Subgroup	Soil series	Soil families included in the series	Map symbols							
Histosols	Tropotheta	Hydric Fluvoaquatic	Lafatu	dytic, isohyperthermic	7							
			Lafatu	dytic, isohyperthermic	7							
			Andisols	Fulvadand	Satua	medial-skeletal, amorphous, isohyperthermic	24,26,24H					
					Satua	medial-skeletal, amorphous, isohyperthermic	27, 29, 29H					
					Mavagano	hydrous-skeletal, amorphous, isohyperthermic	78, 78H					
					Satua	hydrous-skeletal, amorphous, isohyperthermic	79, 79H					
					Inceptisols	Tropoccept	Satua	medial-skeletal, amorphous, isohyperthermic	23, 23H			
							Satua	medial-skeletal, amorphous, isohyperthermic	23, 23H			
							Oxisols	Acropox	Papaga	oxanic, stony, ferruginous, isohyperthermic	431, 435, 44V	
									Papaga	oxanic, stony, ferruginous, isohyperthermic	44, 44H, 44V	
Mollisols	Hapudoll	Apia							fine, oxic, isohyperthermic	5, 9, 9b		
		Satua							medial-skeletal, oxic, isohyperthermic	11, 11H		
		Humitropesols	Andic	Falafali					fine, ferruginous, acid, isohyperthermic	12, 12H, 12H1		
				Falafali					fine, ferruginous, acid, isohyperthermic	12, 12H, 12H1		
				Entisols					Tropogent	Matafano	fine, oxic, isohyperthermic	1, 1a
										Matafano	fine, oxic, isohyperthermic	1, 1a

Soil Taxonomy interpreted from recent and existing data by W.C. Ribbe, 1989

SOIL MAPPING UNITS ARRANGED PHYSIOGRAPHICALLY
SOILS OF THE COASTLANDS, VALLEY FLOORS AND THEIR MARGINS

from saline estuarine sand and clay	1
from saline beach sand	1a
from basaltic beach sand	2
from calcareous sand	2a
from calcareous sand	2b
from calcareous sand	2c
from calcareous sand	2d
from calcareous sand	2e
from calcareous sand	2f
from calcareous sand	2g
from calcareous sand	2h
from calcareous sand	2i
from calcareous sand	2j
from calcareous sand	2k
from calcareous sand	2l
from calcareous sand	2m
from calcareous sand	2n
from calcareous sand	2o
from calcareous sand	2p
from calcareous sand	2q
from calcareous sand	2r
from calcareous sand	2s
from calcareous sand	2t
from calcareous sand	2u
from calcareous sand	2v
from calcareous sand	2w
from calcareous sand	2x
from calcareous sand	2y
from calcareous sand	2z

SOILS OF THE LOWLANDS AND FOOTHILLS

1. Soils of the very slightly dissected landscapes	17
from mainly pahoehoe basalt of the Apoo Volcanics	17a
Matafano stony gravel	17b
Matafano stony gravel	17c
Matafano stony gravel	17d
Matafano stony gravel	17e
Matafano stony gravel	17f
Matafano stony gravel	17g
Matafano stony gravel	17h
Matafano stony gravel	17i
Matafano stony gravel	17j
Matafano stony gravel	17k
Matafano stony gravel	17l
Matafano stony gravel	17m
Matafano stony gravel	17n
Matafano stony gravel	17o
Matafano stony gravel	17p
Matafano stony gravel	17q
Matafano stony gravel	17r
Matafano stony gravel	17s
Matafano stony gravel	17t
Matafano stony gravel	17u
Matafano stony gravel	17v
Matafano stony gravel	17w
Matafano stony gravel	17x
Matafano stony gravel	17y
Matafano stony gravel	17z

2. Soils of the slightly dissected landscapes	23
from as, scoria and pahoehoe basalt of the Muffanus Volcanics	23a
Matafano stony silt loam	23b
Matafano stony silt loam	23c
Matafano stony silt loam	23d
Matafano stony silt loam	23e
Matafano stony silt loam	23f
Matafano stony silt loam	23g
Matafano stony silt loam	23h
Matafano stony silt loam	23i
Matafano stony silt loam	23j
Matafano stony silt loam	23k
Matafano stony silt loam	23l
Matafano stony silt loam	23m
Matafano stony silt loam	23n
Matafano stony silt loam	23o
Matafano stony silt loam	23p
Matafano stony silt loam	23q
Matafano stony silt loam	23r
Matafano stony silt loam	23s
Matafano stony silt loam	23t
Matafano stony silt loam	23u
Matafano stony silt loam	23v
Matafano stony silt loam	23w
Matafano stony silt loam	23x
Matafano stony silt loam	23y
Matafano stony silt loam	23z

3. Soils of the moderately dissected landscapes	30H
from scoria basalt of the Salani Volcanics	30H1
Clomana stony silt loam	30H2
Clomana stony silt loam	30H3
Clomana stony silt loam	30H4
Clomana stony silt loam	30H5
Clomana stony silt loam	30H6
Clomana stony silt loam	30H7
Clomana stony silt loam	30H8
Clomana stony silt loam	30H9
Clomana stony silt loam	30H10
Clomana stony silt loam	30H11
Clomana stony silt loam	30H12
Clomana stony silt loam	30H13
Clomana stony silt loam	30H14
Clomana stony silt loam	30H15
Clomana stony silt loam	30H16
Clomana stony silt loam	30H17
Clomana stony silt loam	30H18
Clomana stony silt loam	30H19
Clomana stony silt loam	30H20
Clomana stony silt loam	30H21
Clomana stony silt loam	30H22
Clomana stony silt loam	30H23
Clomana stony silt loam	30H24
Clomana stony silt loam	30H25
Clomana stony silt loam	30H26
Clomana stony silt loam	30H27
Clomana stony silt loam	30H28
Clomana stony silt loam	30H29
Clomana stony silt loam	30H30

SOILS OF THE UPLANDS

1. Soils of the very slightly dissected landscapes	73
from mainly pahoehoe basalt of the Apoo Volcanics	73a
Matafano stony gravel	73b
Matafano stony gravel	73c
Matafano stony gravel	73d
Matafano stony gravel	73e
Matafano stony gravel	73f
Matafano stony gravel	73g
Matafano stony gravel	73h
Matafano stony gravel	73i
Matafano stony gravel	73j
Matafano stony gravel	73k
Matafano stony gravel	73l
Matafano stony gravel	73m
Matafano stony gravel	73n
Matafano stony gravel	73o
Matafano stony gravel	73p
Matafano stony gravel	73q
Matafano stony gravel	73r
Matafano stony gravel	73s
Matafano stony gravel	73t
Matafano stony gravel	73u
Matafano stony gravel	73v
Matafano stony gravel	73w
Matafano stony gravel	73x
Matafano stony gravel	73y
Matafano stony gravel	73z

Soil information on this map is based on surveys by A.C.S. Smith (1972, 1973, 1974), G.H. Ribbe (1972, 1973, 1974) and subsequent surveys by W.C. Ribbe and M. McCool (1989)