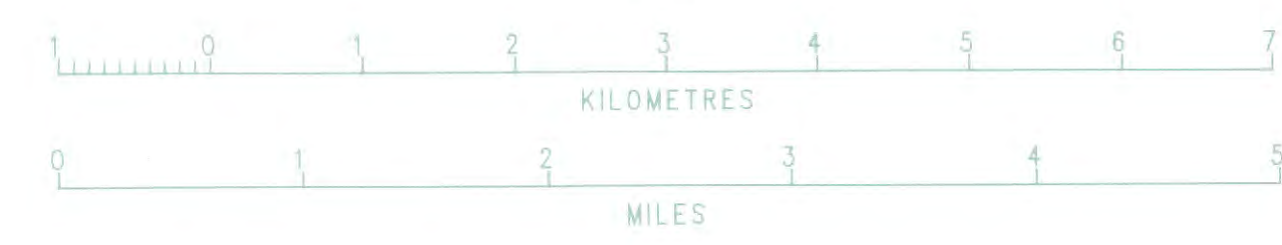


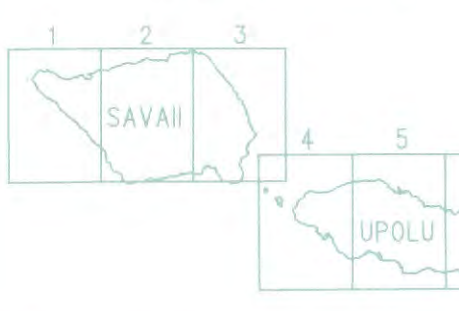


GENERAL MAP INFORMATION

SCALE



INDEX TO SHEETS



TOPOGRAPHICAL LEGEND

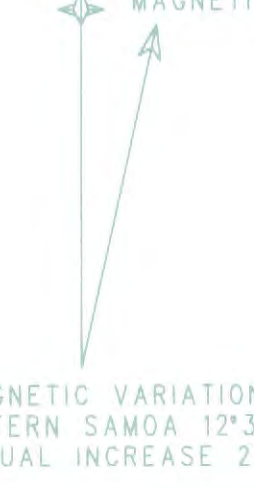


Note: The contour interval varies to improve definition of coastal lowlands. First contour - 50 feet. Second contour - 150 feet. Third contour - 250 feet. Thereafter every 250 feet to 2000 feet. Over 2000 feet: every 500 feet (UPOLU), every 250 feet (SAVAII).

GENERAL NOTES

This map is a digital product derived from the Western Samoa Geographical Information System (GIS) database, which is available in plotout format at other scales and sheet-lines. Topographical data for this map has been digitized from the NZMS 174 1:20000 Topographical Series of Western Samoa and generalized to a prime operational scale of 1:50,000. The sheetlines and grid conform to the new 1:50,000 Topographical Series under production in the Department of Lands & Survey, Apia. Projection: Cassini-Soldner. Grid: UTM.

TRUE MAGNETIC



This map is published under the authority of Leififano A.T. Soan, Director of Lands & Survey, Government of Western Samoa, as part of the Asian Development Bank and United Nations Development Programme jointly funded Land Resource Planning Project carried out by ANZCOE Ltd in association with the Division of Land and Soil Science, Department of Scientific and Industrial Research, New Zealand. Cartographic Consultant: D.D. McCormack, D.J. Giltrap. Printed by V.R. Ward, Government Printer, New Zealand 1989.

CLASSIFICATION OF SOIL SERIES ACCORDING TO SOIL TAXONOMY

Order	Group	Subgroup	Soil series	Soil families included in the series	Map symbols	
Histosols	Tropudrites	Hyelic	Lafua	dytic, isohyperthermic	7	
			Paleogamic	dytic, isohyperthermic	8	
		Andeils	Fulvidual	Latua	medial-skatal, amorphic, isohyperthermic	24,24A,24H
				Lafua	medial-skatal, amorphic, isohyperthermic	75, 75A
				Hyelic-Pachic	medial-skatal, amorphic, isohyperthermic	78, 78A
				Hyelic-Pachic	medial-skatal, amorphic, isohyperthermic	79, 79A
				Hyelic-Pachic	medial-skatal, amorphic, isohyperthermic	79, 79A
				Pachic	medial-skatal, amorphic, isohyperthermic	23, 23H
				Pachic	medial-skatal, amorphic, isohyperthermic	78, 78A
				Pachic	medial-skatal, amorphic, isohyperthermic	84, 84A, 84B, 84C
				Eutric	medial, amorphic, isohyperthermic	84, 84A, 84B, 84C
				Eutric	medial, amorphic, isohyperthermic	441, 44A, 44V
Hapludands	Lithic	Togogiga	medial-skatal, amorphic, isohyperthermic	35, 35A, 35H		
		Tamamabala	medial-skatal, amorphic, isohyperthermic	41a, 41b, 41H		
		Tamamabala	medial-skatal, amorphic, isohyperthermic	39, 39A		
		Altagami	medial-skatal, amorphic, isohyperthermic	81, 81A		
		Altagami	medial-skatal, amorphic, isohyperthermic	82, 82A		
		Altagami	medial-skatal, amorphic, isohyperthermic	221, 22A		
		Altagami	medial, amorphic, isohyperthermic	25, 25A		
		Altagami	medial, amorphic, isohyperthermic	52, 52A		
		Altagami	medial, amorphic, isohyperthermic	53, 53A		
		Altagami	medial, amorphic, isohyperthermic	41		
		Altagami	medial, amorphic, isohyperthermic	57, 57A, 57V		
		Oxisols	Amplexis	Fagaga	clayey, ferruginous, isohyperthermic	65
Tapaga	clayey, ferruginous, isohyperthermic			75, 75A		
Tapaga	clayey, ferruginous, isohyperthermic			60, 60A, 60V		
Tapaga	clayey, ferruginous, isohyperthermic			68, 68A, 68V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Tapaga	clayey, ferruginous, isohyperthermic			80, 80A, 80V		
Mollisols	Hapludoll			Altagami	fine, oxic, isohyperthermic	5
		Altagami	fine, oxic, isohyperthermic	9, 9a, 9b		
		Altagami	fine, oxic, isohyperthermic	21, 21A		
		Altagami	fine, oxic, isohyperthermic	18, 18H		
		Altagami	fine, oxic, isohyperthermic	19, 19A		
		Altagami	fine, oxic, isohyperthermic	20, 20A		
		Altagami	fine, oxic, isohyperthermic	21, 21A		
		Altagami	fine, oxic, isohyperthermic	22, 22A		
		Altagami	fine, oxic, isohyperthermic	23, 23A		
		Altagami	fine, oxic, isohyperthermic	24, 24A		
		Altagami	fine, oxic, isohyperthermic	25, 25A		
		Inceptisols	Tropcept	Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic	68
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			69		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			13		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			14		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			15		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			16		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			17		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			18		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			19		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			20		
Nanoa	clayey-skatal, mixed, nonacid, isohyperthermic			21		
Fluvisols	Fluvisol			Vaila	fine, oxic, isohyperthermic	10
		Vaila	fine, oxic, isohyperthermic	11, 11A		
		Vaila	fine, oxic, isohyperthermic	26, 26A		
		Vaila	fine, oxic, isohyperthermic	29A, 29B, 29E		
		Vaila	fine, oxic, isohyperthermic	30		
		Vaila	fine, oxic, isohyperthermic	31		
		Vaila	fine, oxic, isohyperthermic	32		
		Vaila	fine, oxic, isohyperthermic	33		
		Vaila	fine, oxic, isohyperthermic	34		
		Vaila	fine, oxic, isohyperthermic	35		
		Vaila	fine, oxic, isohyperthermic	36		
		Ultisols	Sulcuscent	Loga	fine, mixed mesacid, isohyperthermic	1, 1a
Loga	fine, mixed mesacid, isohyperthermic			4, 4a		
Loga	fine, mixed mesacid, isohyperthermic			2, 2a		
Loga	fine, mixed mesacid, isohyperthermic			3, 3a		
Loga	fine, mixed mesacid, isohyperthermic			5		
Loga	fine, mixed mesacid, isohyperthermic			6		
Loga	fine, mixed mesacid, isohyperthermic			7		
Loga	fine, mixed mesacid, isohyperthermic			8		
Loga	fine, mixed mesacid, isohyperthermic			9		
Loga	fine, mixed mesacid, isohyperthermic			10		
Loga	fine, mixed mesacid, isohyperthermic			11		

SOIL MAPPING UNITS ARRANGED PHYSIOGRAPHICALLY

SOILS OF THE COASTLANDS, VALLEY FLOORS AND THEIR MARGINS

from saline estuarine sand and clay	1
from basaltic beach sand	2
from calcareous sand	3
from calcareous sand	4
from calcareous sand	5
from calcareous sand	6
from calcareous sand	7
from calcareous sand	8
from calcareous sand	9
from calcareous sand	10
from calcareous sand	11
from calcareous sand	12
from calcareous sand	13
from calcareous sand	14
from calcareous sand	15
from calcareous sand	16

SOILS OF THE LOWLANDS AND FOOTHILLS

- Soils of the very slightly dissected landscapes from many pahoehoe basalt of the Aopo Volcanics
- Soils of the slightly dissected landscapes from aa, scoria and pahoehoe basalt of the Mulifanua Volcanics
- Soils of the moderately dissected landscapes from scoria basalt of the Salani Volcanics
- Soils of the strongly dissected landscapes from pahoehoe, aa, scoria and dykes of basalt of the Fagaloa Volcanics

(b) without dry season (high moisture regime)

- Soils of the very slightly dissected landscapes from many pahoehoe basalt of the Puapua Volcanics
- Soils of the slightly dissected landscapes from aa, scoria and pahoehoe basalt of the Letaga Volcanics
- Soils of the moderately dissected landscapes from calcareous lithic tuffs of the Vaila Volcanics
- Soils of the strongly dissected landscapes from lithic tuffs and ash of the Vaila Volcanics

- Soils of the very slightly dissected landscapes from many pahoehoe basalt of the Aopo Volcanics
- Soils of the slightly dissected landscapes from aa, scoria and pahoehoe basalt of the Mulifanua Volcanics
- Soils of the moderately dissected landscapes from scoria basalt of the Salani Volcanics
- Soils of the strongly dissected landscapes from pahoehoe, aa, scoria and dykes of basalt of the Fagaloa Volcanics

SOILS OF THE UPLANDS

- Soils of the very slightly dissected landscapes from many pahoehoe basalt of the Aopo Volcanics
- Soils of the slightly dissected landscapes from aa, scoria and pahoehoe basalt of the Mulifanua Volcanics
- Soils of the moderately dissected landscapes from scoria basalt of the Salani Volcanics
- Soils of the strongly dissected landscapes from pahoehoe, aa, scoria and dykes of basalt of the Fagaloa Volcanics

Soil Taxonomy interpreted from recent and existing data by W.C. Rijse, 1988

Soil information on this map is based on surveys by A.C.S. Inger (1972, D.S.I.R. Soil Bulletin 22, 1980) and subsequent surveys by C. Rijse et al. (unpublished)