

REPUBLIC OF THE PHILIPPINES

**DEPARTMENT OF AGRICULTURE**


**BUREAU OF SOILS AND WATER MANAGEMENT**

Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

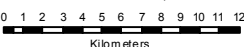
**RICE SUITABILITY MAP**

**( Key Rice Areas )**

**PROVINCE OF SARANGANI AND GENERAL SANTOS CITY**



**SCALE 1:385,000**



0 1 2 3 4 5 6 7 8 9 10 11 12

Kilometers

Projection : Transverse Mercator

Datum : PRS 1992

DISCLAIMER : All political boundaries are not authoritative

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S2if	Moderately Suitable	i,f	-	-	233	4.56
S2rf		r,f	-	-	1,045	20.46
S2ri		r,i	-	-	72	1.40
S2rif		r,i,f	-	-	1,751	34.27
S3f	Marginally Suitable	r	f	-	40	0.78
S3r		f	r	-	1,006	19.68
S3r		i,f	r	-	963	18.85
TOTAL . . .				5,110	100.00	

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability m - number of dry months (<75mm) r - annual average rainfall (mm)	0 - 3 > 1500	4 - 6 1200 - 1500	7 - 9 800 - 1200	>9 < 800
Temperature Regime t - annual average temperature (°C)	25 - 29	30 - 32 22 - 24	33 - 35 18 - 21	> 35 < 18
Terrain s - slope (%) o - stoniness e - erosion i - flooding	0 - 3 none none - slight none - slight	3 - 8 slight slight - moderate slight - moderate	8 - 18 moderate moderate severe	>18 severe severe -
Rooting Conditions d - soil drainage class x - soil texture	VPD - SPD C, SC, SIC; CL, SCL SICL	SPD - MWD L, SIL, SI	WD SL, LS	SED - ED S
h - soil depth (cm)	> 50	41 - 50	20 - 40	< 20
Nutrient Availability f - soil fertility	Moderately High to High (MH - H)	Moderately Low (ML)	Low (L)	-

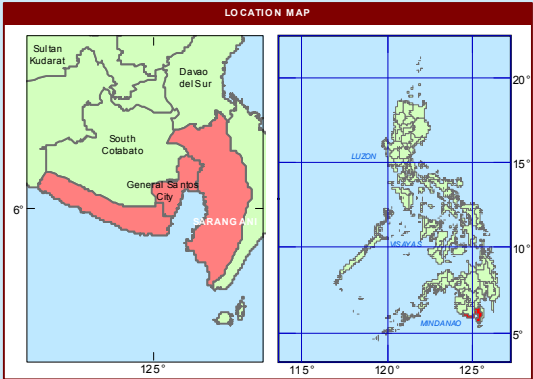
**Note:**  
Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor raise inputs above an acceptable level.  
Moderately Suitable (S2) - with limitations which are moderately severe for sustained application for a given use. Limitations will moderately reduce productivity or benefits. Requires increased input to the extent that the overall advantage to be gained will be inferior to that expected on S1 land.  
Marginally suitable (S3) - with limitations which in aggregate are severe for sustained application of a given use and will significantly reduce productivity or benefits. Limitations will significantly increase required inputs, that this expenditure will only be marginally satisfied.  
Not Suitable (N) - with severe limitations which are difficult to overcome in time or cannot be corrected at currently acceptable cost. Limitations are so severe that prevent successful sustained use of the land in the given manner.

**CONVENTIONAL SIGNS**

**ROADS**  
Expressway  
Trunk line  
Primary  
Secondary  
Tertiary

**BOUNDARY**  
Regional  
Provincial  
Municipal

**HYDROLOGY**  
Rivers / Lake  
Shoreline  
**PLACES**  
Capital City / Cty  
Capital Town / Town



**MISCELLANEOUS INFORMATION**  
**SOURCES OF INFORMATION:** Topographic information taken from NAMRIA Topographic Map at a scale of 1:50,000. Elevation data taken from SRTM 1 arc-second global data set (2015). Bathymetry information taken from British Oceanographic Centre Fertility data gathered through the Soil Health Assessment National Soil Sampling and Testing Project Phase II led by the Bureau of Soils and Water Management in partnership with the DA-Regional Field Offices (RFOs) and Local Government Units (LGUs).  
Users noting errors or omissions in this publication are requested to inform the BSWM, SRDC Bldg., Elliptical Rd., cor. Visayas Avenue, Diliman, Quezon City, Philippines or visit the BSWM website (<http://www.bswm.da.gov.ph>).  
Copyright © 2017. All rights reserved to the Bureau of Soils and Water Management. No part of this publication may be reproduced, stored in a retrieval system or published without written consent from the BSWM.  
Prepared and produced by the GEOMATICS AND SOL INFORMATION TECHNOLOGY DIVISION, BSWM.