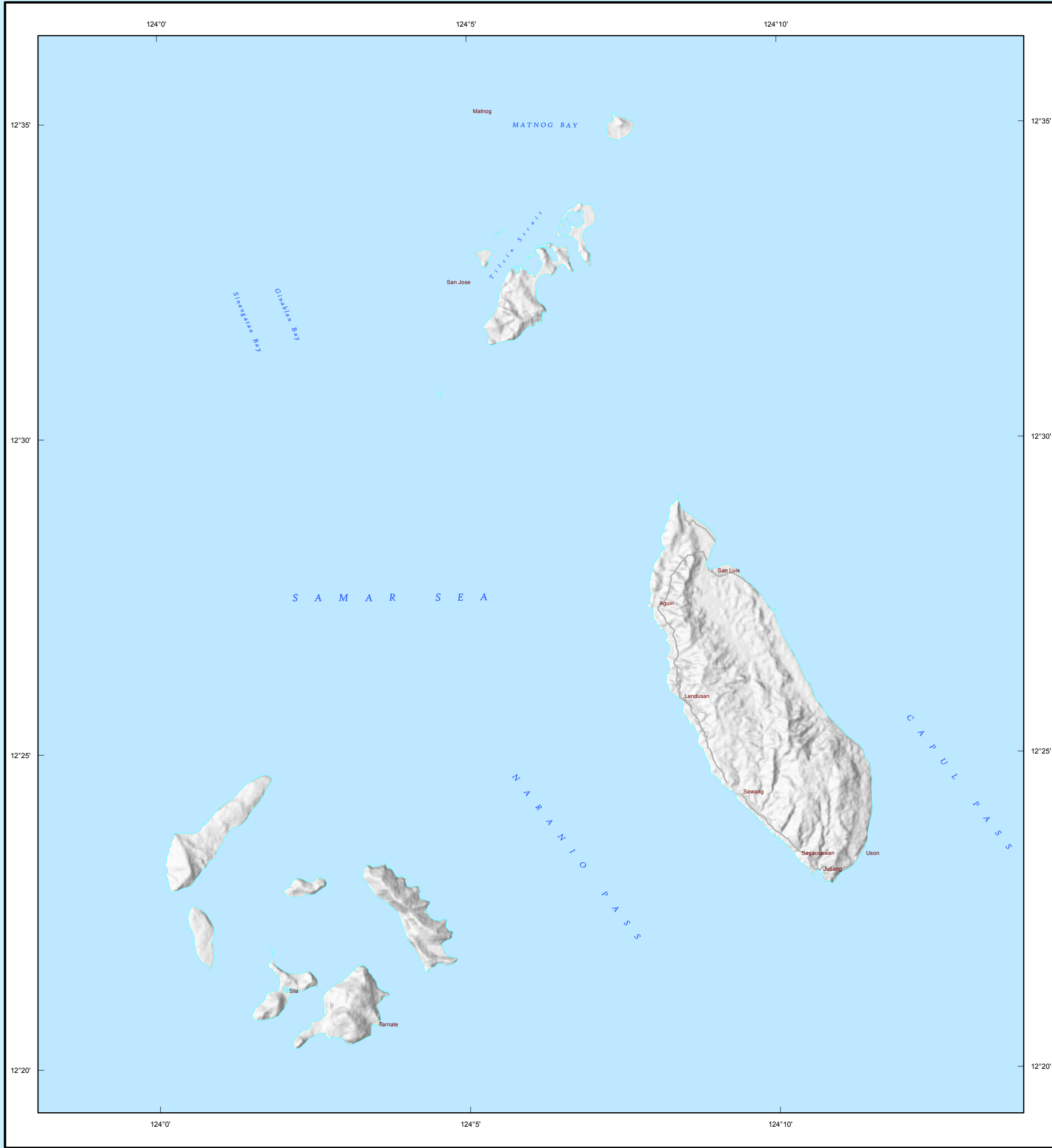



LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1mif	Moderately Suitable	m, d, f	-	-	14,528	49.30
S2mdmf		m, d, x, f	-	-	30,708	36.09
S3mf		m, f	-	-	2,132	7.19
S3dx		m, f	d, x	-	630	2.12
S4f	Marginally Suitable	m	f	-	88	0.30
S4f		m, d	f	-	259	0.97
S4f		m, d, x	f	-	230	0.86
S4f		m, d, f	x	-	11	0.04
S5x	Not Suitable	m, f	-	d, x	880	2.97
N1		m	f	d, x	20	0.07
TOTAL					29,672	100.00

Note:
Highly Suitable (S1) - with none to slight limitations for only 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 - S8) - 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 the expenditure will only be marginally satisfied.
Not Suitable (N1 - N2) - with severe limitations which are difficult to overcome in time or cannot be corrected at currently acceptable cost. Limitations are so severe that present successful sustained use of the land is in the given manner.

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N1)
Water Availability m - no dry months (>5mm) f - 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 (%) d - steepness e - erosion l - flooding	0 - 3 none	3 - 8 slight	8 - 18 moderate	> 18 severe
Rooting Conditions d - soil drainage class	VPD - SPD	SPD - MWD	WD	SED - ED
x - soil texture	C, SC, SL, CL, SCL, SIL	L, SL, SI	SL, LS	S
k - soil depth (cm)	> 20	41 - 50	20 - 40	< 20
Nutrient Availability f - soil fertility	Moderately High to High (Mn-N)	Moderately Low (Mn-N)	Low (L)	-





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DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS AND WATER MANAGEMENT
Elliptical Road Cor. Visayas Ave., Diliman, Quezon City

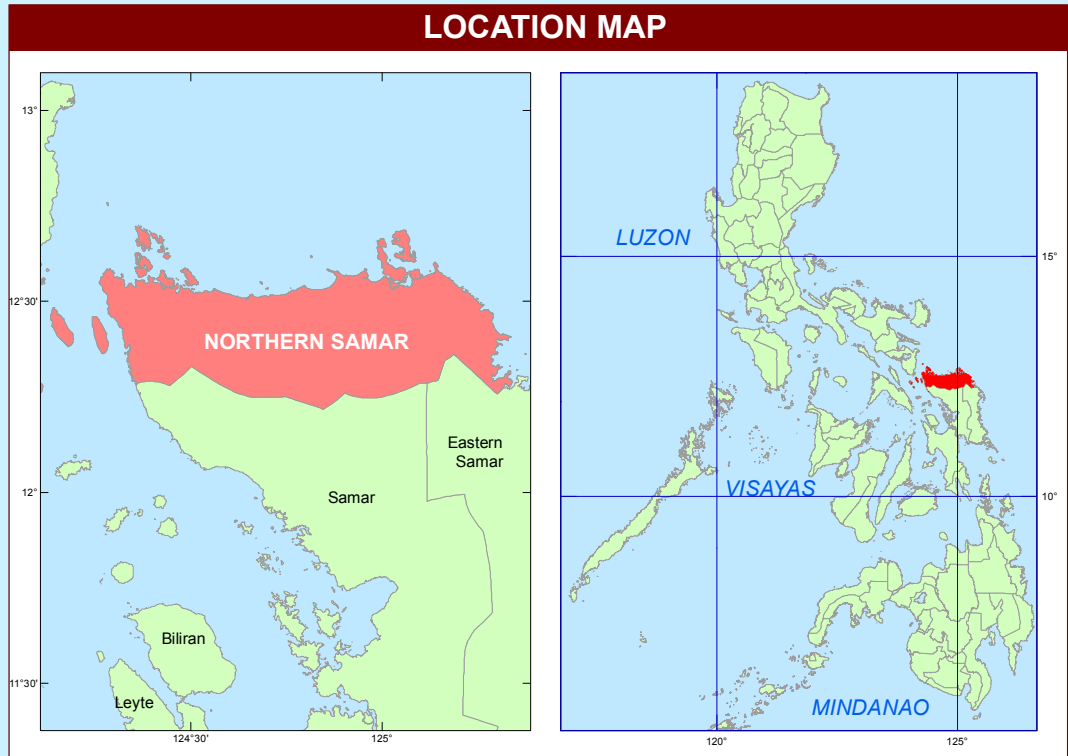
RICE SUITABILITY MAP

(Key Rice Areas)

PROVINCE OF NORTHERN SAMAR

SCALE 1:100,000

Projection : Transverse Mercator
Datum : Luzon 1911
DISCLAIMER : All political boundaries are not authoritative



CONVENTIONAL SIGNS		
ROADS	BOUNDARY	HYDROLOGY
Expressway	Regional	Rivers / Lake
Trunk line	Provincial	Shoreline
Primary	District	
Secondary	Municipal	
Tertiary		
		PLACES
		Capital City / City
		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 dataset (2010). Hydrography information taken from British Oceanographic Centre. Fertility data gathered through the Bureau of Soils and Water Management (BSWM) National Soil Sampling and Testing for Fertility and Crop Suitability Assessment Project led by the Soils Survey Division (SSD) in 2016.

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 (www.bswm.dea.gov.ph).

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