

**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 LANAO DEL NORTE**

SCALE 1:95,000  
 0 1 2 3 4 5 6 7  
 Kilometers

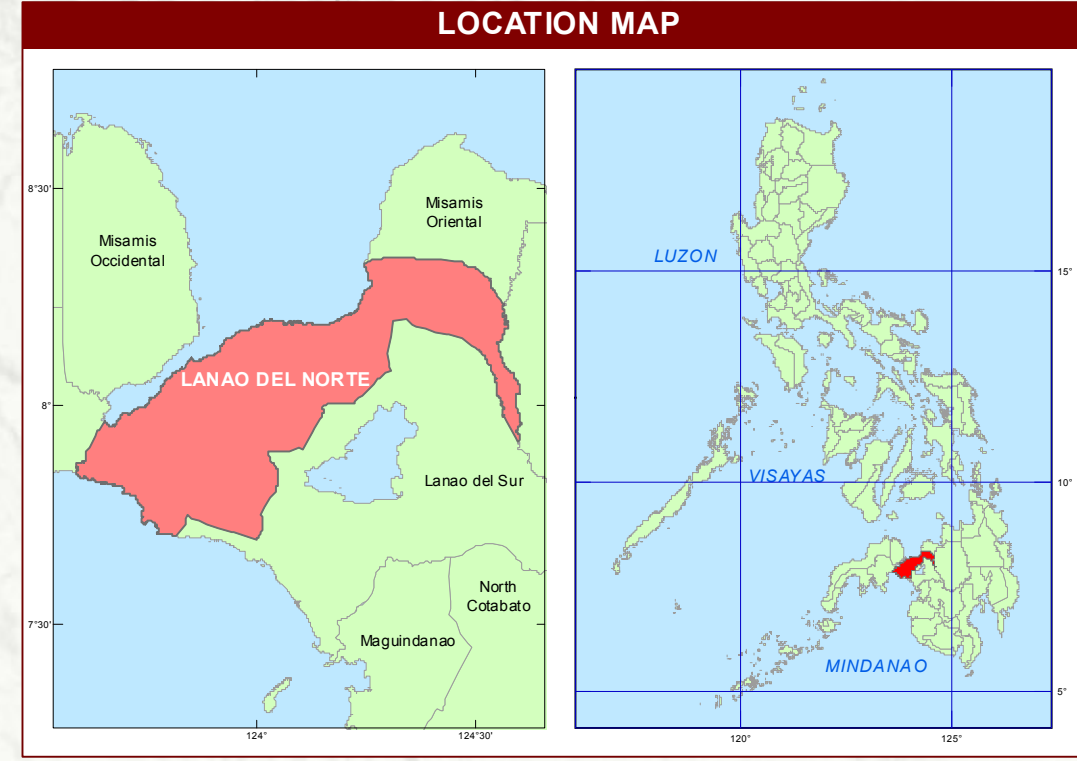
Projection : Transverse Mercator  
 Datum : Luzon 1911  
 DISCLAIMER : All political boundaries are not authoritative

LEGEND						
SUITABILITY RATING	DESCRIPTION	LIMITING FACTORS			AREA	
		Moderate	Marginal	Severe	ha	%
S1	Highly Suitable	-	-	-	272	1.65
S2d		d	-	-	171	1.04
S2df	Moderately Suitable	d,f	-	-	827	5.02
S2dx		d,x	-	-	291	1.77
S2dxf		d,x,f	-	-	4,360	26.48
S2f		f	-	-	3,754	22.80
S2i		i	-	-	81	0.49
S2idxf		i,d,x,f	-	-	298	1.81
S2if	Marginally Suitable	i,f	-	-	1,031	6.26
S2xf		x,f	-	-	3,150	19.13
S3o		f	o	-	-	38
S3o	Marginally Suitable	d,x,f	o	-	1,113	6.76
S3o		i	-	d, x	392	2.38
Ndx	Not Suitable	i,f	-	-	689	4.18
Ndx		d, x	-	-	-	-
<b>TOTAL</b>					<b>16,467</b>	<b>100.00</b>

Note:  
 Highly Suitable (S1) - with none to slight limitations for any given use. Slight limitations will not significantly reduce productivity or benefit nor cause 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. Require increased input to the extent that the overall advantage to be gained will be relative to the expense of it.  
 Marginally Suitable (S3) - with limitations which 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 not be marginally justified.  
 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 present successful sustained use of the land is the given manner.

LIMITING FACTORS	RATING ARRANGED IN INCREASING SEVERITY OF LIMITATION			
	Highly Suitable (S1)	Moderately Suitable (S2)	Marginally Suitable (S3)	Not Suitable (N)
Water Availability w - no dry months (<5mm) 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	33 - 35	> 35
Terrain s - slope (%) e - erosion f - flooding	0 - 3 none none - slight	3 - 8 slight slight - moderate	8 - 18 moderate moderate - severe	> 18 severe -
Soil Conditions d - soil drainage class k - soil texture h - soil depth (cm)	VPO - SPD C, SC, BC, CL, SL, S	SPO - MWD L, SL, S	WD SL, LS, S	SED - ED < 20
Nutrient Availability f - soil fertility	Highly High (M1 - H)	High (M2)	Moderately Low (L)	Low (1)

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