



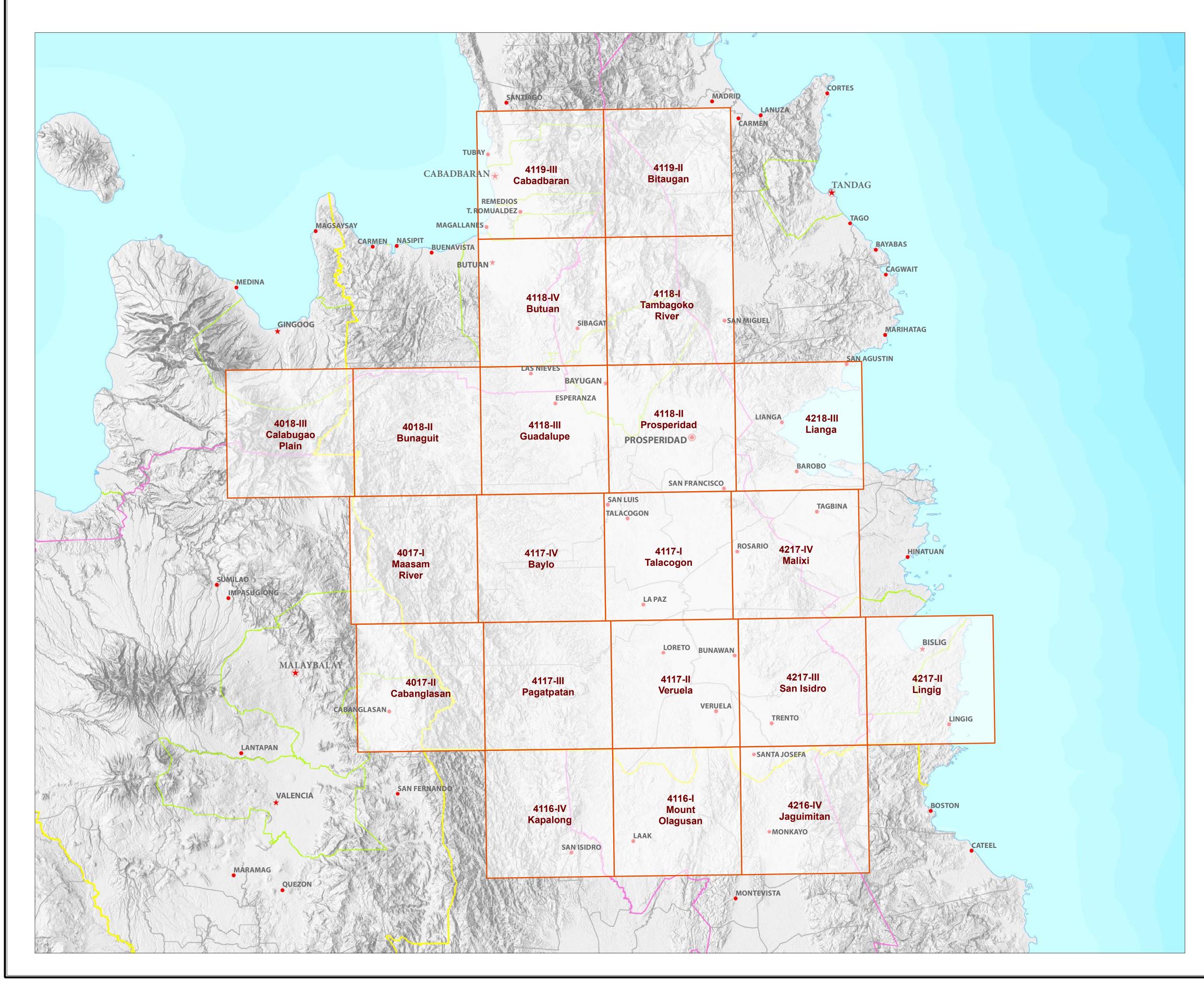
LAND SUITABILITY MAP

CASSAVA

LAND RESOURCES EVALUATION AND SUITABILITY **ASSESSMENT OF STRATEGIC PRODUCTION AREAS**

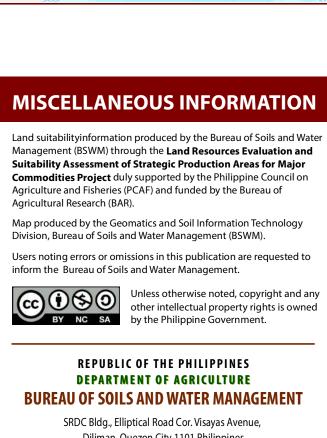
REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE **BUREAU OF SOILS AND WATER MANAGEMENT** SRDC Bldg., Elliptical Road Cor. Visayas Avenue, Diliman, Quezon City 1101 Tel/Fax No.: (+632) 332-9534 E-mail: bswmclientcenter@yahoo.com

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS **PROVINCE OF AGUSAN DEL SUR**



MAP INDEX

LEGEN	D
Places	
€	Capital City
*	City
۲	Capital Town
•	Town
Adminis	strative Boundary
	- Regional
	- Provincial
	- City
	- Municipal
Map Inc	lex
	Index grid
Topogra	aphic Relief
Bathym	etry
LOCAT	ION MAP
	P C



Diliman, Quezon City 1101 Philippines Tel/Fax No.: (+632) 332-9534 E-mail: bswmclientcenter@yahoo.com

LAND SUITABILITY MAP FOR CASSAVA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS **AGUSAN DEL SUR, REGION XIII**

EXTENT OF SUITABILITY FOR CASSAVA PRODUCTION BY MUNICIPALITY

			EXPANSION AREA (Ha)					CONFLICT RESOLUTION AREA (Ha)						TOTAL			
MUNICIPALITY	EXISTING CACAO (Ha) EXI		TOTAL EXISTING AREA (Ha)	Coco	onut	Shrub unmar	·	Grass unman		Co	rn	Oil p	alm	Other	crops	POTENTIAL EXPANSION	
	S1	S2	S 3		S1	S2	S1	S 2	S1	S 2	S1	S2	S1	S2	S1	S 2	AREA (Ha)
BUNAWAN	-	-	-	-	1,708	4,386	159	563	821	1,914	2,806	90	10	169	335	232	13,192
CITY OF BAYUGAN	-	-	-	-	1,526	1,151	260	1,224	1,576	4,517	2,461	731	-	-	210	68	13,723
ESPERANZA	-	-	-	-	508	1,493	1,049	2,919	3,338	6,755	2,812	683	-	-	57	69	19,682
LA PAZ	-	-	-	-	-	-	1,695	5,546	1,581	2,742	3,271	425	-	-	77	25	15,363
LORETO	-	-	-	-	274	210	4,130	5,456	3,901	3,861	1,797	449	-	-	44	135	20,258
PROSPERIDAD	-	-	-	-	746	1,473	170	222	5,033	7,179	6,396	1,422	-	-	729	198	23,568
ROSARIO	-	-	-	-	1,794	2,148	326	1,313	863	1,341	2,559	121	1,596	2	572	130	12,765
SAN FRANCISCO	-	-	-	-	1,744	1,058	145	654	1,759	1,554	6,821	679	3,448	88	732	152	18,833
SAN LUIS	-	-	-	-	448	1,045	4,090	11,649	1,743	6,525	948	720	-	-	235	192	27,594
SANTA JOSEFA	-	-	-	-	573	606	989	667	51	-	38	-	2,552	136	75	-	5,687
SIBAGAT	-	-	-	-	294	26	316	3,783	321	3,022	75	200	-	-	45	21	8,103
TALACOGON	-	-	-	-	558	2,890	4,644	3,693	1,767	563	2,514	444	50	11	332	170	17,637
TRENTO	-	-	-	-	7,271	8,794	917	1,828	111	411	1,597	384	315	152	20	-	21,798
VERUELA	-	-	-	-	1,563	3,125	5,226	4,885	101	97	1,283	50	516	-	45	61	16,953
TOTAL	-	-	-	-	19,008	28,403	24,116	44,403	22,966	40,481	35,376	6,397	8,486	558	3,507	1,453	235,155

Note: Delivery of cassava planting materials must be started on the onset of rainy season. *establishment of shade trees prior to planting of cassava.

AGRONOMIC REQUIREMENT OF CASSAVA PRODUCTION

LAND UTILIZATION TYPE	SUITABILITY RATING	SLOPE (%)	SOIL DEPTH (cm)	SOIL TEXTURE	SOIL DRAINAGE	SOIL REACTIO (pH)	ON F	NHERENT TERTILITY	FLOODING CLASS	EROSION CLASS	ROCK OUTCROPS	ELEVATION (masl)	ANNUAL RAINFALI (mm)	
	S1	<8	>50	FSL, L, SiL, CL, SiCL, SCL, SC, SiC, C	WD,MWD	5.6 -7.2	2	high	none-slight	none-slight	none-few	<500	1000-2000	I,II, III, IV
Cassava	S2	8 - 18	30 - 50	SL, HC	SPD, PD	5.1 - 5.5 7.3 - 7.8		medium	moderate	moderate	common	500-1500	2001-4500	II
	S3	18 - 30	<30	S, LS, CSL	VPD,ED	<5.0 - > 7	7.9	low	severe	severe	many	>1500	<1000 >4500	
SLOPE (%)			SOIL DRAINA	AGE		SOIL REA	CTION (p	oH)		SOIL TEXT	TURE			
0 - 3 - lev	vel to gently sloping	g	ED - e	excessively drained		< 4.5	- extrem	ely acid		Coarse			Fine	
3 - 8 - ger	ntly sloping to und	ulating	WD - v	well drained		4.5 - 5.0	- very st	rongly acid		S	- sand		SC	- sandy clay
8 - 18 - une	dulating to rolling		MWD - r	noderately well draine	ed	5.1 - 5.5	- strongl	y acid		LS	- loamy sand		SiC	- silty clay
18 - 30 - rol	lling to moderately	r steep	SPD - s	somewhat poorly drain	ned	5.6 - 6.0	- mediur	m acid		CSL	- coarse sandy loam	l	С	- clay
30 - 50 - ste	eep		PD - p	poorly drained		6.1 - 6.5	- slightly	v acid		SL	- sandy loam		HC	- heavy clay
> 50 - vei	ry steep		VPD - v	very poorly drained		6.6 - 7.2	- neutral	l		Medium				
						7.3 - 7.8	- mildly	alkaline		FSL	- fine sandy loam			
SOIL DEPTH (o	cm)		SURFACE IM	PEDIMENT		7.9 - 8.4	- modera	ately alkaline		L	- loam			
0-30 - ver	ry shallow		ROCK OUTCR	OPS		> 8.5	- strongl	y alkaline		SiL	- silt loam			
30 - 50 - sha	allow		< 10% - r	none - few			_	-		CL	- clay loam			
50 - 100 - mo	oderately deep		10 - 30% - c	common						SiCL	- silty clay loam			
>100 - dee	ep to very deep		> 30% - r	nany						SCL	- sandy clay loam			

38 T3-F2-D2

<mark>39</mark> T3

40 T3-E3

18 T2-F3-D2

<u>19</u> T3

20 T3-E3

<mark>8</mark> T2

10 T2-El2

9 T2-E2-Sh2-Rc2

						10			
ELEVATION SOIL DRAINAGE						SOIL DE	PTH		
El2 -	500 - 1000m or 2000 - 2	500m	D2 - Somewhat poorly drained to poorly drained				Sh2 -	moderately deep (30 - 1	
El3 -	< 500m or > 2500m		D3 - Ve	ery poorly	v drained or excessivel	ly drained	Sh3 -	Very shallo	ow (< 30cm)
SLOPE/	TOPOGRAPHY		SOIL TEX	TURE			ROCKO	UTCROPS	5
T2 -	Undulating to moderatel	y steep	Tc - Co	oarse text	ure		Rc2 -	Common	
ТЗ -	Steep to very steep						Rc3 -	Many	
CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION
1	El2	11	T2-El2-E3-Rc3	21	T3-E3-Rc2	31	T3-El2-E3-Sh2-Rc2	41	T3-E3-Rc3
2	El2-E2-Sh2-Rc3	12	T2-El2-E3-Sh2-Rc3	22	T3-E3-Rc3	32	T3-El2-E3-Sh2-Rc3	42	T3-E3-Sh3-Rc3
3	El2-Sh2-Rc2	13	T2-El2-Rc2	23	T3-E3-Sh2-Rc2	33	T3-El2-E3-Sh3-Rc2	43	T3-El2
4	F2-D2	14	T2-El2-Sh2-Rc2	24	T3-E3-Sh2-Rc3	34	T3-El2-E3-Sh3-Rc3	44	T3-El2-E3
5	F3-D2	15	T2-El2-Sh2-Rc3	25	T3-E3-Sh3-Rc2	35	T3-El3-E3-Rc2	45	T3-El2-E3-Rc3
6	Sh2	16	T2-El3-Sh2-Rc2	26	T3-E3-Sh3-Rc3	36	T3-El3-E3-Sh2-Rc2	46	T3-El2-E3-Sh3-Rc3
7	Sh2-Rc2	17	T2-F2-D2	27	T3-El2	37	T3-El3-E3-Sh3-Rc2	47	T3-El3-E3-Sh3-Rc3

28 T3-El2-E3

29 T3-El2-E3-Rc2

30 T3-El2-E3-Rc3

SUITABILITY	CLASSES:
-------------	-----------------



Highly Suitable (S1) Land having no significant limitation to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level.

Moderately Suitable (S2)

Land having limitation which in aggregate are moderately severe for sustained application of a given use; the limitation will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.

CLIMATE TYPE

TYPE I : Two pronouced season, dry from November to April and **TYPE II** : No dry season with a very pronounced maximum rain wet during the rest of the year. Maximum rain period is from June to September

TYPE III: No very pronounced maximum rain period, with a dry season lasting only from one to three months, either during the period from December to February or from March to May. This type resembles Type I since it has a short dry season.

Northeastern part of Agusan Del Sur is classified as climatic Type II while the rest, specifically, the southwestern is climatic Type IV.

100cm)	

E2 - Moderate erosion E3 - Severe erosion

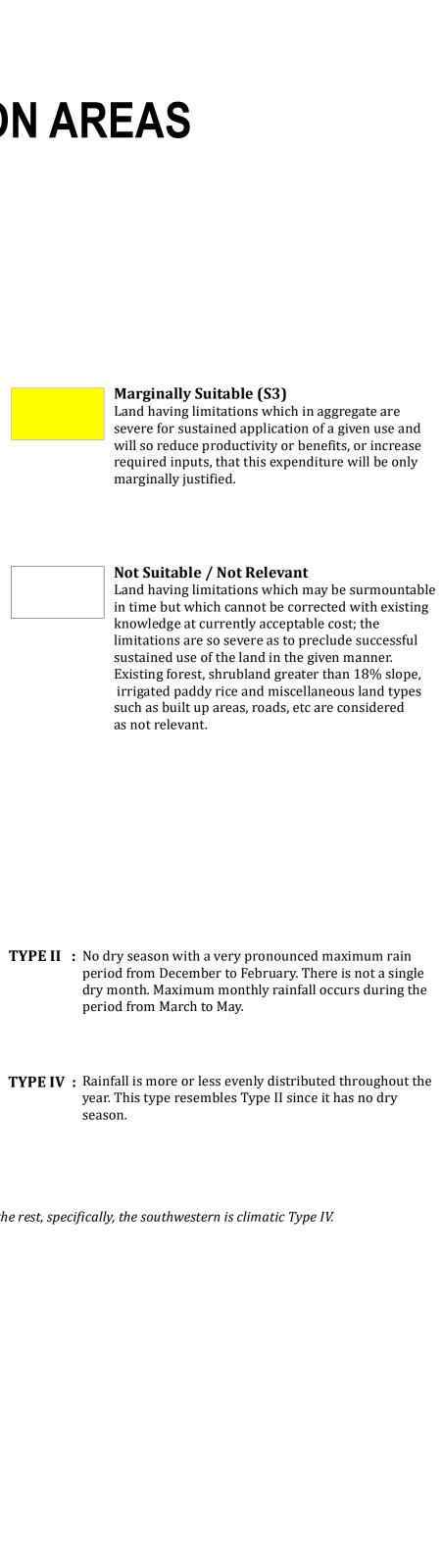
FLOODING

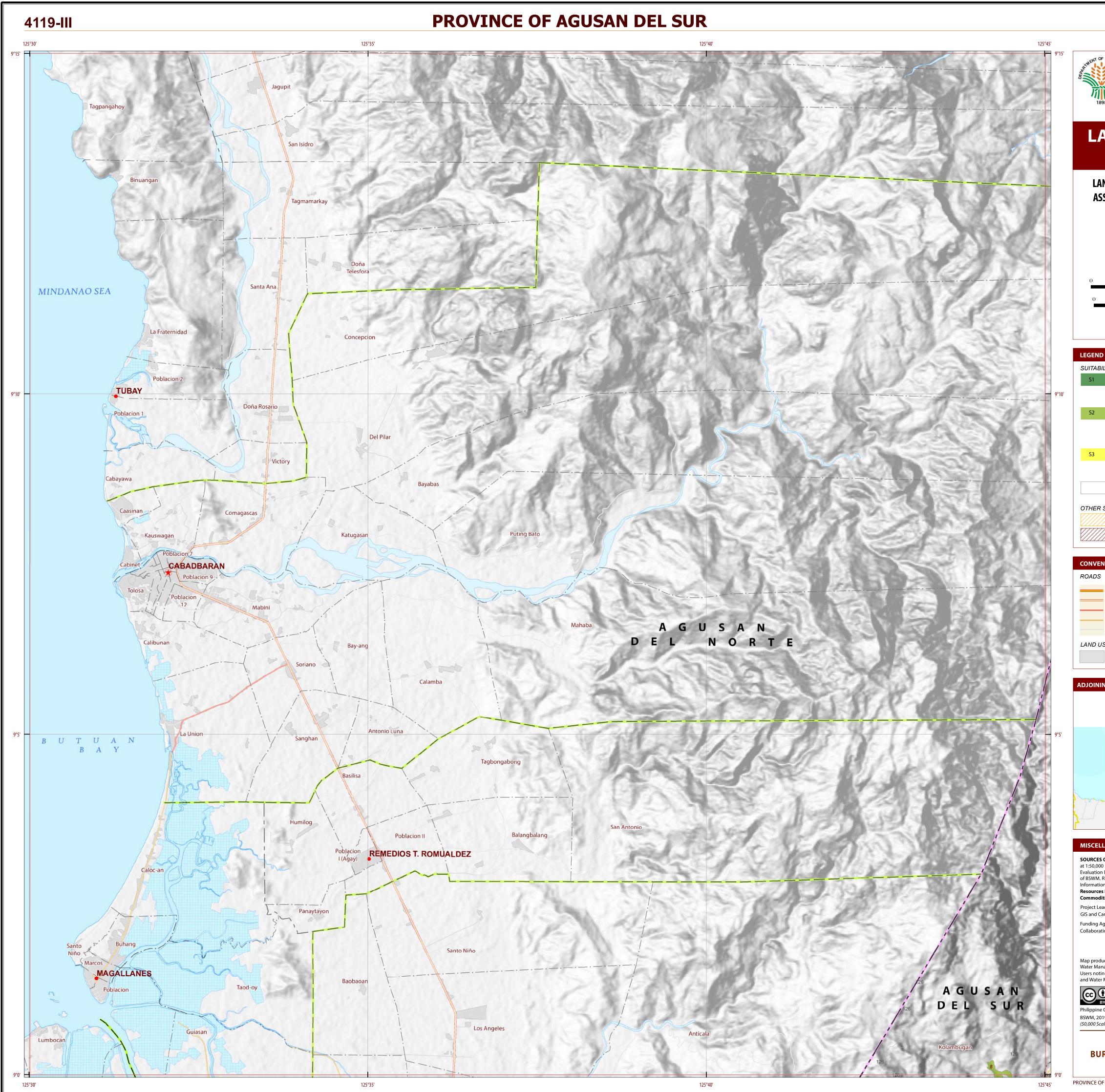
SOIL EROSION

F2 - Moderate seasonal flooding F3 - Severe seasonal flooding

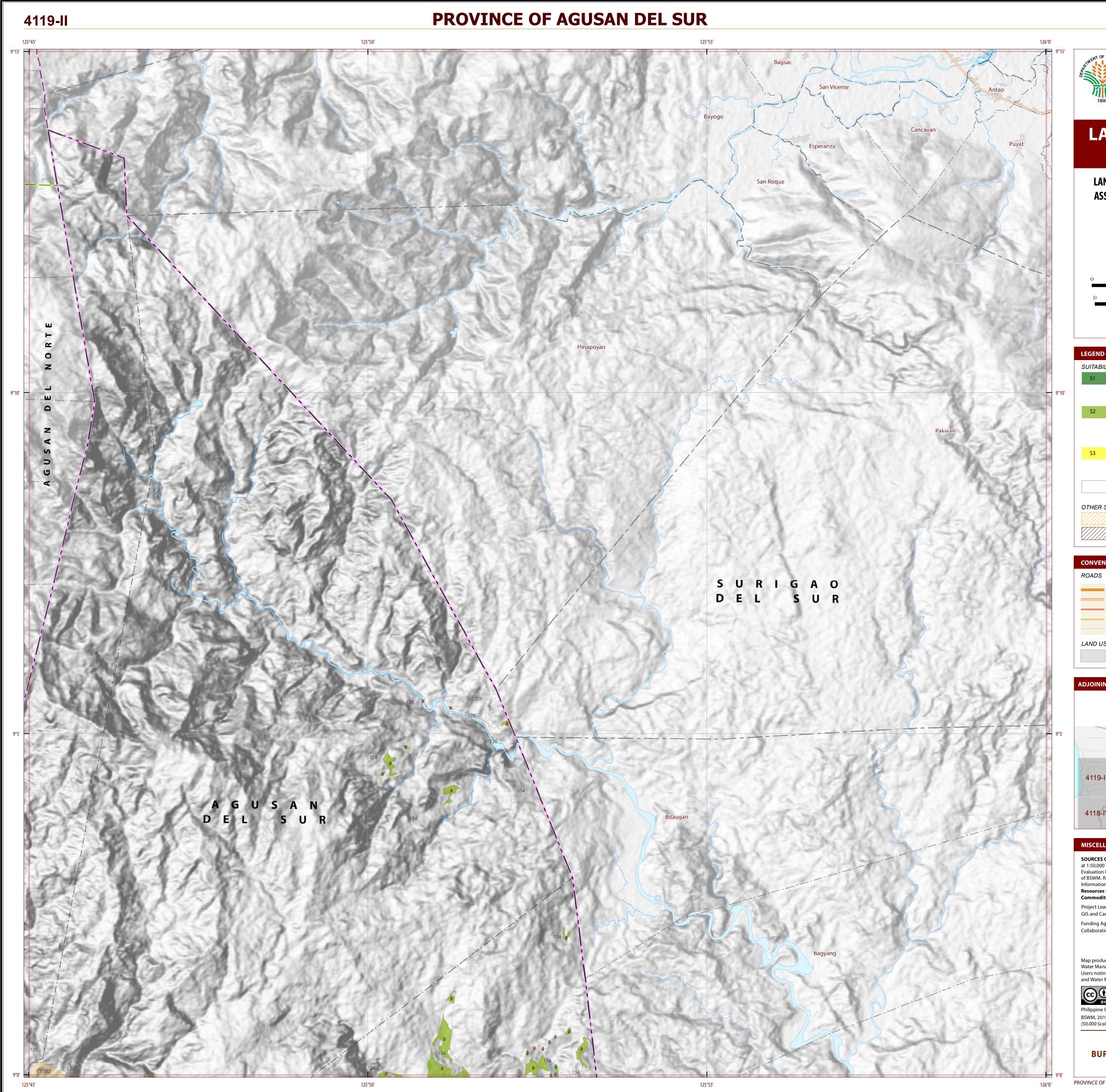
CODE	LIMITATION	CODE	LIMITATION
4	Corn	119	Oil palm
81	Coffee	126	Grassland
82	Сасао	131	Ipil-ipil
85	Mango	134	Shrubs, unmanaged
91	Banana	137	Rubber
98	Rambutan	139	Falcata
105	Fruit trees, mixed		
107	Abaca		
115	Mixed crops		
116	Coconut		

Source: PAGASA 2018, *Climatological Normals (Rainfall)*, Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA), accessed 27 July 2018, ">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.ph/index.php/climate/climatological-normals>">https://www1.pagasa.dost.gov.php/climate/climate/climatological-normals>">https://www1.pagasa.dost.gov.php/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/climate/cl

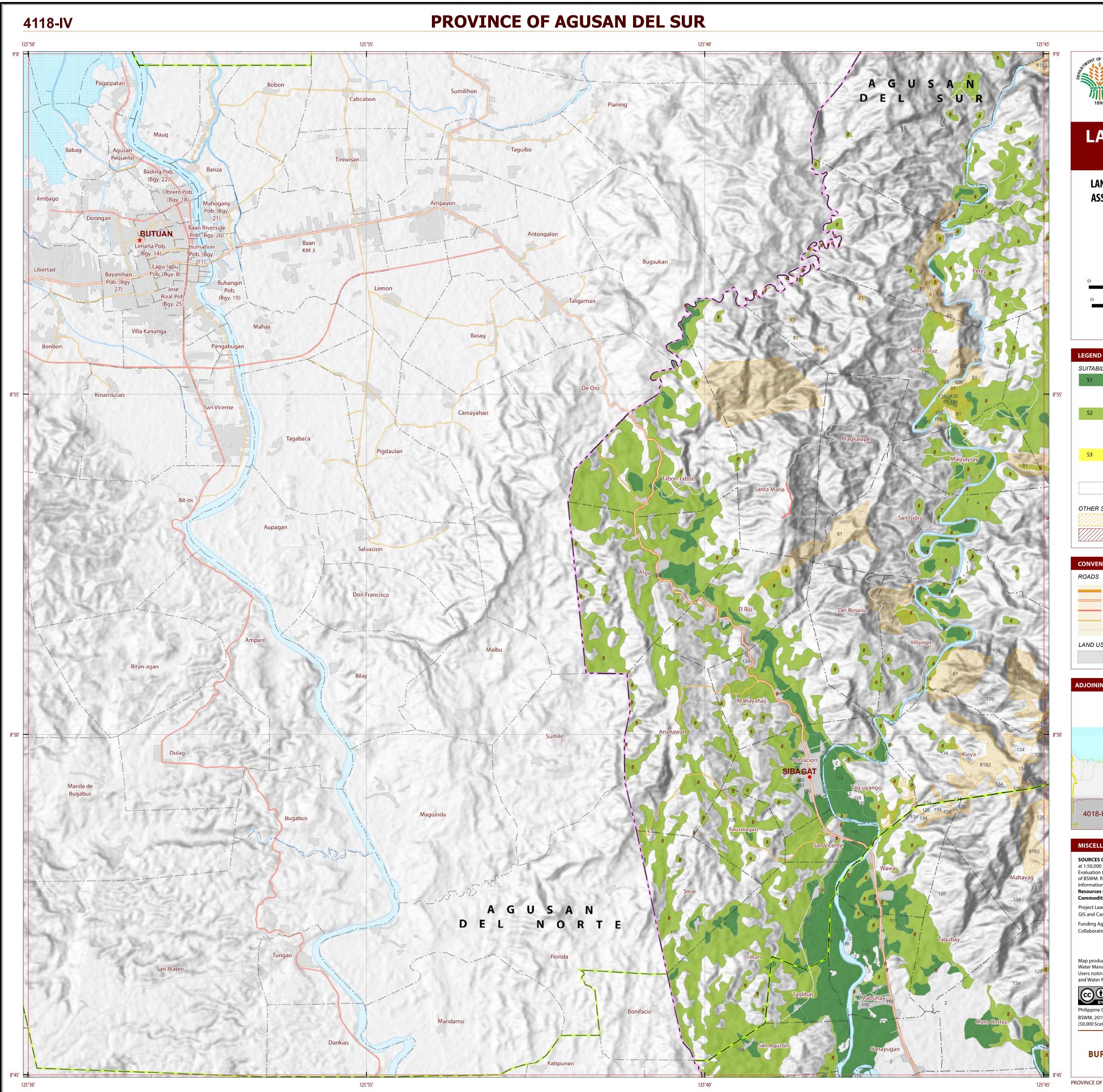




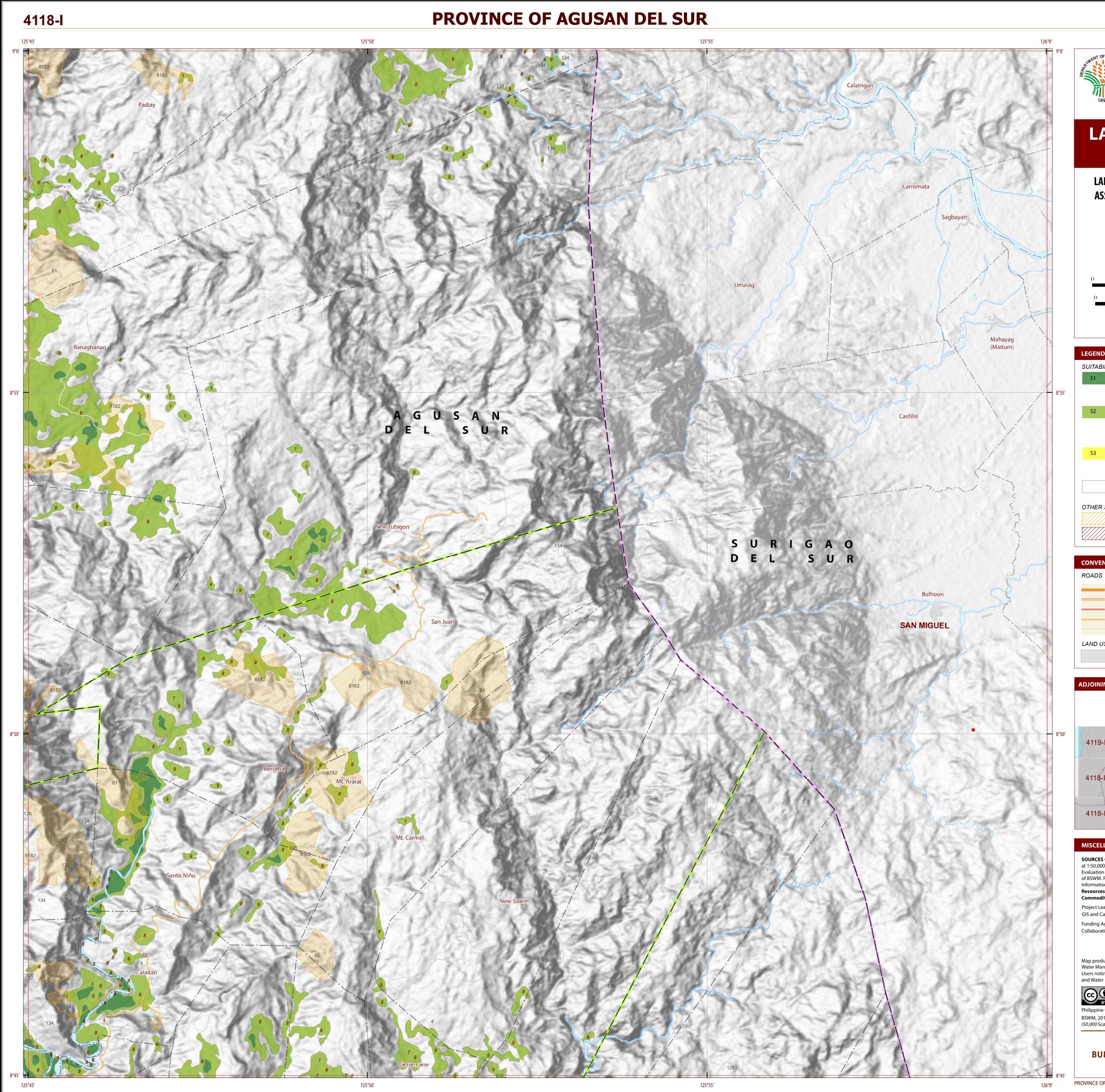
Cabadbaran	
Best AGRICULTURAL MARK OF AGRI	
AND SUITABILITY MAP CASSAVA	
ND RESOURCES EVALUATION AND SUITABILITY SSESSMENT OF STRATEGIC PRODUCTION AREAS	
W - E S	
SCALE 1:50 000 0.5 1 2 3 4 5 Kilometers 0.5 1 2 3	
Miles Universal Transverse Mercator Zone 51 N. PRS 1992 Datum DISCLAIMER : All political boundaries are not authoritative.	
 BILITY CLASSES Highly Suitable - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not significantly reduce productivity or benefits and will not raise inputs above an acceptable level. 	
Moderately Suitable - Land having limitations which in aggregate are moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land.	
 Marginally Suitable - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productivity or benefits, or increase required inputs, that this expenditure will be only marginally justified. Not Suitable/ Not Relevant 	
SIGNS NGP Areas Cacao Land limitation Land use	
NTIONAL SIGNS	
BOUNDARY HYDROLOGY Expressway Trunk line Primary BOUNDARY Region Province District PLACES	
Secondary Tertiary <i>ISE</i> Secondary <i>ISE</i> <i>Secondary</i> <i>Municipality</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Secondary</i> <i>Seco</i>	
Built-up Fishpond Fishpond Mangrove	
ING SHEETS INDEX MAP	
4119-III	
4119-III 4119-II	
4118-IV 4118-I	
LANEOUS INFORMATION	
S OF INFORMATION : Topographic information taken from NAMRIA Topographic Map 00 scale. Land resources information from the Agricultural Land Management and n Division (ALMED), Soils Survey Division (SSD) and Laboratory Services Division (LSD) . Rice areas obtained from the Land Use System (FAO, 2015) and Philippine Rice on System (PRISM) (IRRI, 2015). Data analysis and compilation through the Land es Evaluation and Suitability Assessment of Strategic Production Areas for Major lities Project implemented by BSWM (2017). eader : BERNARDO B. PASCUA Cartography : IRVIN K. SAMALCA	
Agency : Department of Agriculture - Bureau of Agricultural Research (DA-BAR) ating Agencies : Philippine Council on Agriculture and Fisheries (PCAF) : Department of Agriculture and Fisheries - ARMM, Department of Agriculture Regional Field Office of Region IX, X, XI, XII and XIII (Caraga) : Local Government Unit (LGU) of covered provinces and municipalities duced by the Geomatics and Soil Information Technology Division, Bureau of Soils and inagement (BSWM).	
ing errors or omissions in this publication are requested to inform the Bureau of Soils or Management. This publication is licensed under a Creative Commons Attribution 4.0 International License. Unless otherwise noted, copyright and any other intellectual property rights, in this publication is owned by the e Government. This publication should be attributed as :	
D19. Land Suitability Map Series for Cassava of the PROVINCE OF AGUSAN DEL SUR cale) . CC BY NC SA 4.0. REPUBLIC OF THE PHILIPPINES DEPARTMENT OF AGRICULTURE IREAU OF SOILS AND WATER MANAGEMENT	
SRDC Bldg., Elliptical Road Cor. Visayas Avenue, Diliman, Quezon City 1101 Tel/Fax No. : (+632) 332-9534 E-mail : bswmclientcenter@yahoo.com DF AGUSAN DEL SUR Sheet 1 of 21 Sheet No. 4119-III	



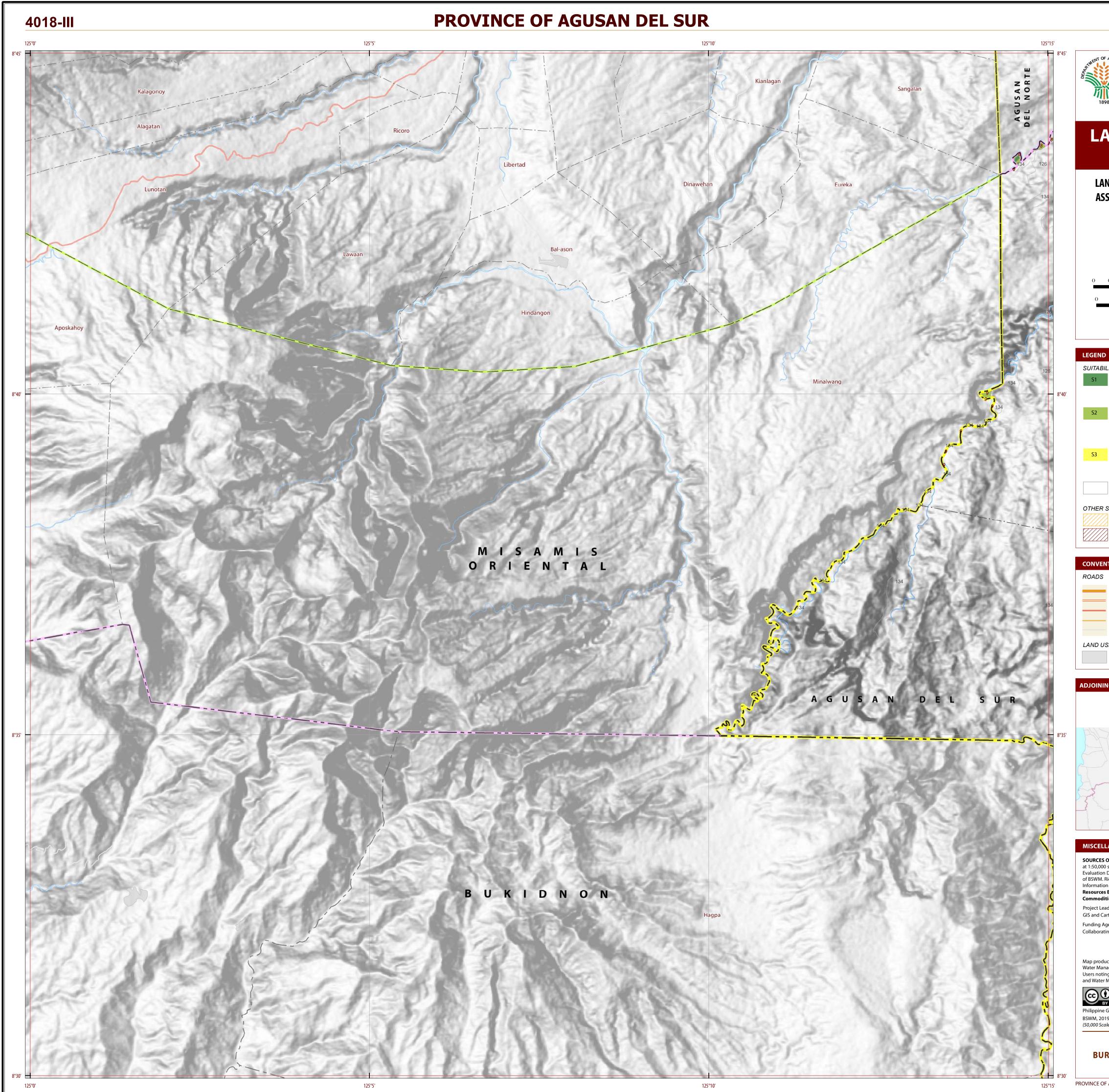
	Bitaugan
PAGROLITICAL AND	1898
AND SUITABILI CASSAVA	
ND RESOURCES EVALUATION AN SSESSMENT OF STRATEGIC PRODU	
W - E	
SCALE 1:50 000	
0.5 1 2 3 Kilometers	4 5
0.5 1 2 Miles Universal Transverse Mercator Zone 51 N. PRS DISCLAIMER : All political boundaries are not	
D	
 BLITY CLASSES Highly Suitable - Land having no significant application of a given use, or only minor limit cantly reduce productivity or benefits and wi an acceptable level. Moderately Suitable - Land having limitation moderately severe for sustained application of will reduce productivity or benefits and increextent that the overall advantage to be gaine attractive, will be appreciably inferior to that 	ations that will not signifi- Il not raise inputs above ns which in aggregate are of a given use; the limitations ase required inputs to the d from the use, although still
Marginally Suitable - Land having limitation severe for sustained application of a given us tivity or benefits, or increase required inputs, only marginally justified. Not Suitable/ Not Relevant	e and will so reduce produc-
SIGNS	
Cacao	
Cacao	
Cacao	DROLOGY Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
Cacao	Sea / Shoreline Lakes / Rivers ACES Capital City / City
Cacao	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
Cacao	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
Cacao Ca	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove INDEX MAP
Cacao Cacao Land use Land us	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove INDEX MAP CONTRACTION CONTRACTI
Cacao Cacao And use NITONAL SIGNS Built-up Primary Secondary Tertiary Built-up Fishpond ING SHEETS Attable Indiana and and and and and and and and and	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove INDEX MAP CONTRUENT
Cacao Ca	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove INDEX MAP CONTRACTION CONTRACTI
Cacao Ca	Sea / Shoreline Lakes / Rivers ACES * Capital City / City • Capital Town / Town Mangrove NDEX MAP (NDEX MAP (U) (U) (U) (U) (U) (U) (U) (U)



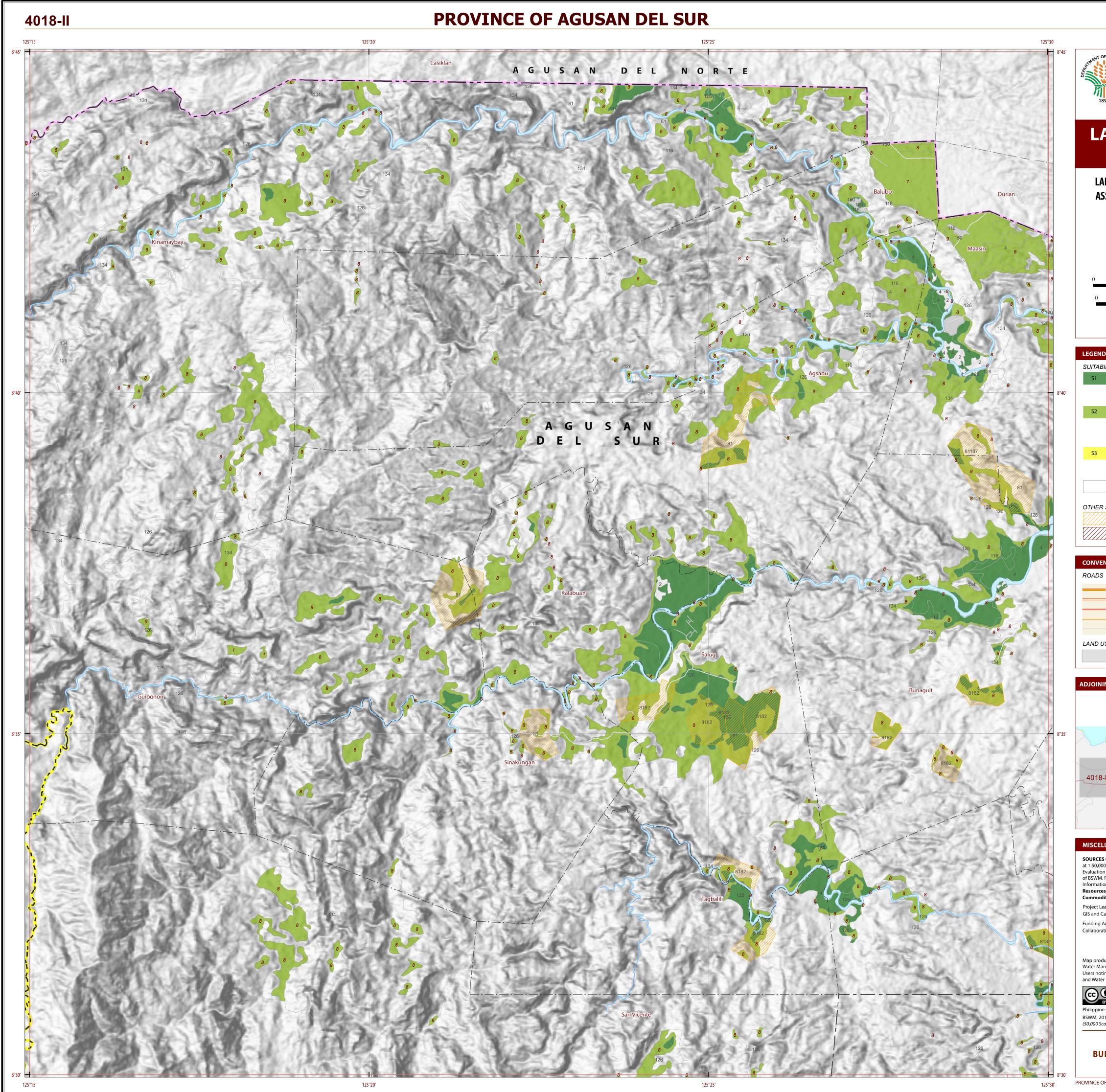
			Butua	n
S98	BRIMENT OF AGRICOLLER	3	1898	MIURE
	UITABI CASSA		Y MAP	
	ES EVALUATIO F STRATEGIC P			
	W - S	E		
0.5 1	SCALE 1:50	000 3	4 5	
0.5	Kilometers 1	2	3	
	Miles nsverse Mercator Zone 5 All political boundaries			
D				
 application of a g cantly reduce pro an acceptable levent Moderately Suit moderately sevent will reduce produce extent that the o attractive, will be Marginally Suitant severe for sustaint 	oductivity or benefits vel. table - Land having li re for sustained appli uctivity or benefits an verall advantage to b e appreciably inferior able - Land having lin ned application of a g , or increase required ustified.	nor limitation and will not mitations wh cation of a g nd increase re be gained fro to that expe nitations wh given use and	is that will not signifi- raise inputs above nich in aggregate are iven use; the limitatio equired inputs to the m the use, although s cted on class S1 land.	ns till
SIGNS	Je nelevant			
NGP Areas Cacao	Land limi Land use	tation		
NTIONAL SIGNS				
Expressway Trunk line Primary Secondary Tertiary	OUNDARY Region Province District Municipalit Barangay	HYDRC PLACE Y 🛠 🖈 © •	Sea / Shoreline Lakes / Rivers	
JSE Built-up	Fishpond	N	langrove	
ING SHEETS		I	NDEX MAP	
4118-I 4119-III 4118-IV 4118-III	4119-II 4118-I 4118-II	A A A A A A A A A A A A A A A A A A A		
		taken from N	AMRIA Topographic Map	,
0 scale. Land resources n Division (ALMED), Soi Rice areas obtained fro on System (PRISM) (IRR es Evaluation and Suit lities Project implement eader : BERN/ Cartography : IRVIN Agency : Depa iting Agencies : Philip : Depa Agric	information from the A ils Survey Division (SSD) om the Land Use System I, 2015). Data analysis ar ability Assessment of S nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - opine Council on Agricul artment of Agriculture a culture Regional Field Of	gricultural Lar and Laborato (FAO, 2015) a ad compilation Strategic Proc Bureau of Agr Iture and Fishe nd Fisheries - , ffice of Region	nd Management and ry Services Division (LSD nd Philippine Rice a through the Land Juction Areas for Major icultural Research (DA-B/ eries (PCAF)) AR) aga)
nagement (BSWM).			ision, Bureau of Soils and form the Bureau of Soils	
This p This p This p Intern intelle e Government. This public		otherwise note this publication outed as :		
DEPART REAU OF SO SRDC Bldg., Elliptical	BLIC OF THE PHI TMENT OF AGR ILS AND WAT Road Cor. Visayas Avenue, 2) 332-9534 E-mail: bswm	ER MAN Diliman, Quezo	RE AGEMENT on City 1101	
DF AGUSAN DEL SUR		Sheet 3	of 21 Sheet No. 4118	8-IV



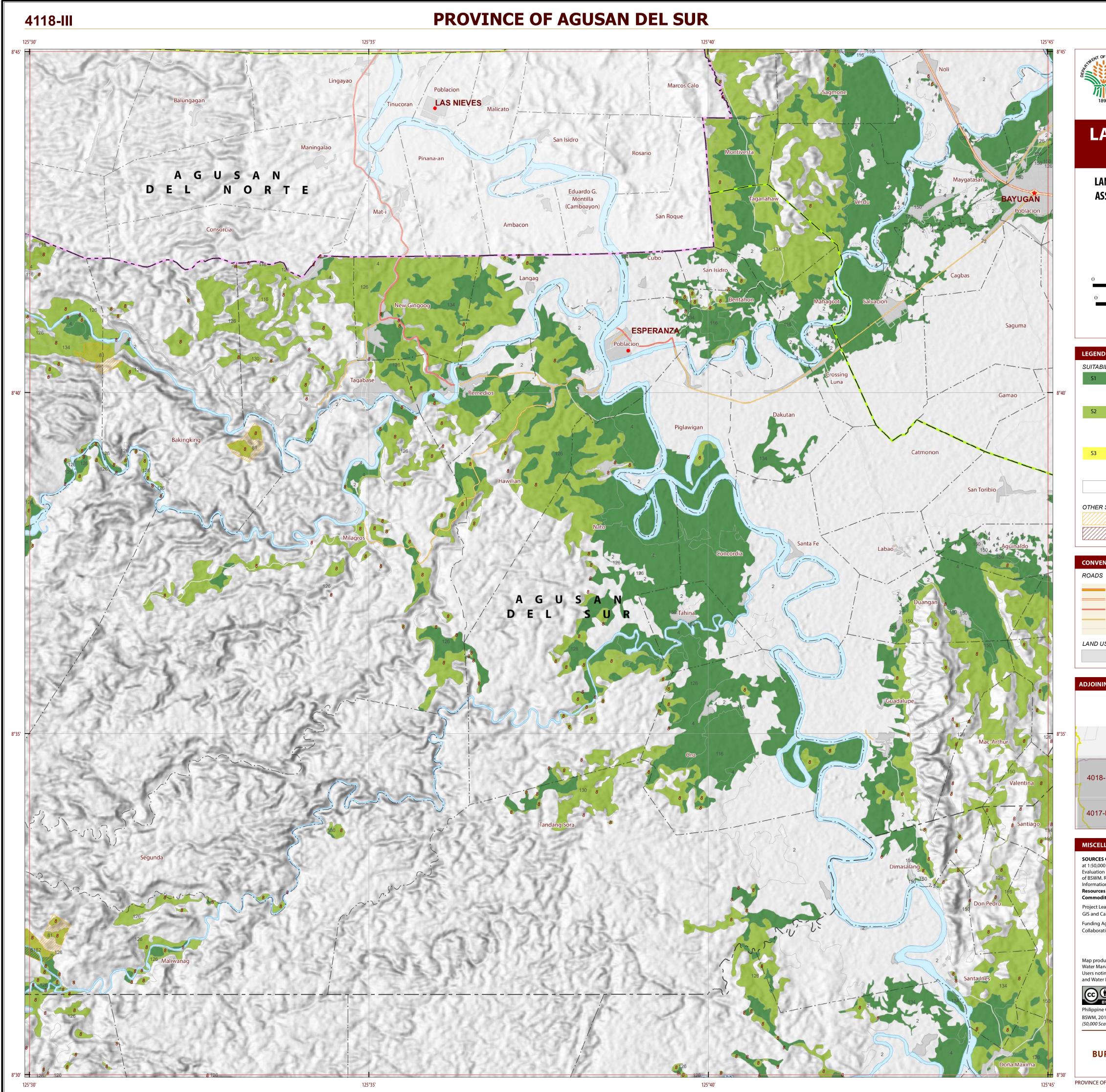
	Tambag	joko River
S98	AGRICULTURIU USA	1898
	ITABILI ASSAVA	
	EVALUATION ANI	
	W - E	
0.5 1	2 3 Kilometers	4 5
	2 Miles rse Mercator Zone 51 N. PRS 1 political boundaries are not a	
D		
BILITY CLASSES Highly Suitable - La application of a give cantly reduce produ an acceptable level. Moderately Suitable moderately severe for will reduce producti extent that the over- attractive, will be ap Marginally Suitable severe for sustained	vity or benefits and increa all advantage to be gained preciably inferior to that e e - Land having limitations application of a given use increase required inputs, t	ations that will not signifi- not raise inputs above as which in aggregate are f a given use; the limitations use required inputs to the d from the use, although still expected on class S1 land.
Not Suitable/ Not F	Relevant Land limitation Land use	
NTIONAL SIGNS		
Expressway Trunk line Primary Secondary Tertiary JSE Built-up	- Region Province	DROLOGY Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
ING SHEETS		INDEX MAP
4118-i -III 4119-II -IV 4118-I -III 4118-II	4218-111	
LANEOUS INFORMA	TION	
0 scale. Land resources info n Division (ALMED), Soils So Rice areas obtained from t on System (PRISM) (IRRI, 20 es Evaluation and Suitabil lities Project implemented eader : BERNARD Cartography : IRVIN K. S Agency : Departm tring Agencies : Philippin : Departm Agricultu : Local Go	ormation from the Agricultura urvey Division (SSD) and Labo he Land Use System (FAO, 20 115). Data analysis and compil ity Assessment of Strategic I by BSWM (2017). O B. PASCUA AMALCA nent of Agriculture - Bureau of the Council on Agriculture and nent of Agriculture and Fisheri ure Regional Field Office of Re vernment Unit (LGU) of cover	ratory Services Division (LSD) 15) and Philippine Rice ation through the Land Production Areas for Major f Agricultural Research (DA-BAR) Fisheries (PCAF)
r Management. DSO This publi Internatio	cation is licensed under a Cre nal License. Unless otherwise	to inform the Bureau of Soils ative Commons Attribution 4.0 noted, copyright and any other
e Government. This publica D19. <i>Land Suitability Map Se</i> cale) . CC BY NC SA 4.0.	al property rights, in this publ tion should be attributed as : ries for Cassava of the PROVING	CE OF AGUSAN DEL SUR
DEPARTM IREAU OF SOIL SRDC Bldg., Elliptical Road	C OF THE PHILIPPI ENT OF AGRICULT S AND WATER M Cor. Visayas Avenue, Diliman, C 2-9534 E-mail : bswmclientcenter	TURE ANAGEMENT Quezon City 1101
DF AGUSAN DEL SUR	She	<i>Pet 4 of 21</i> Sheet No. 4118-I



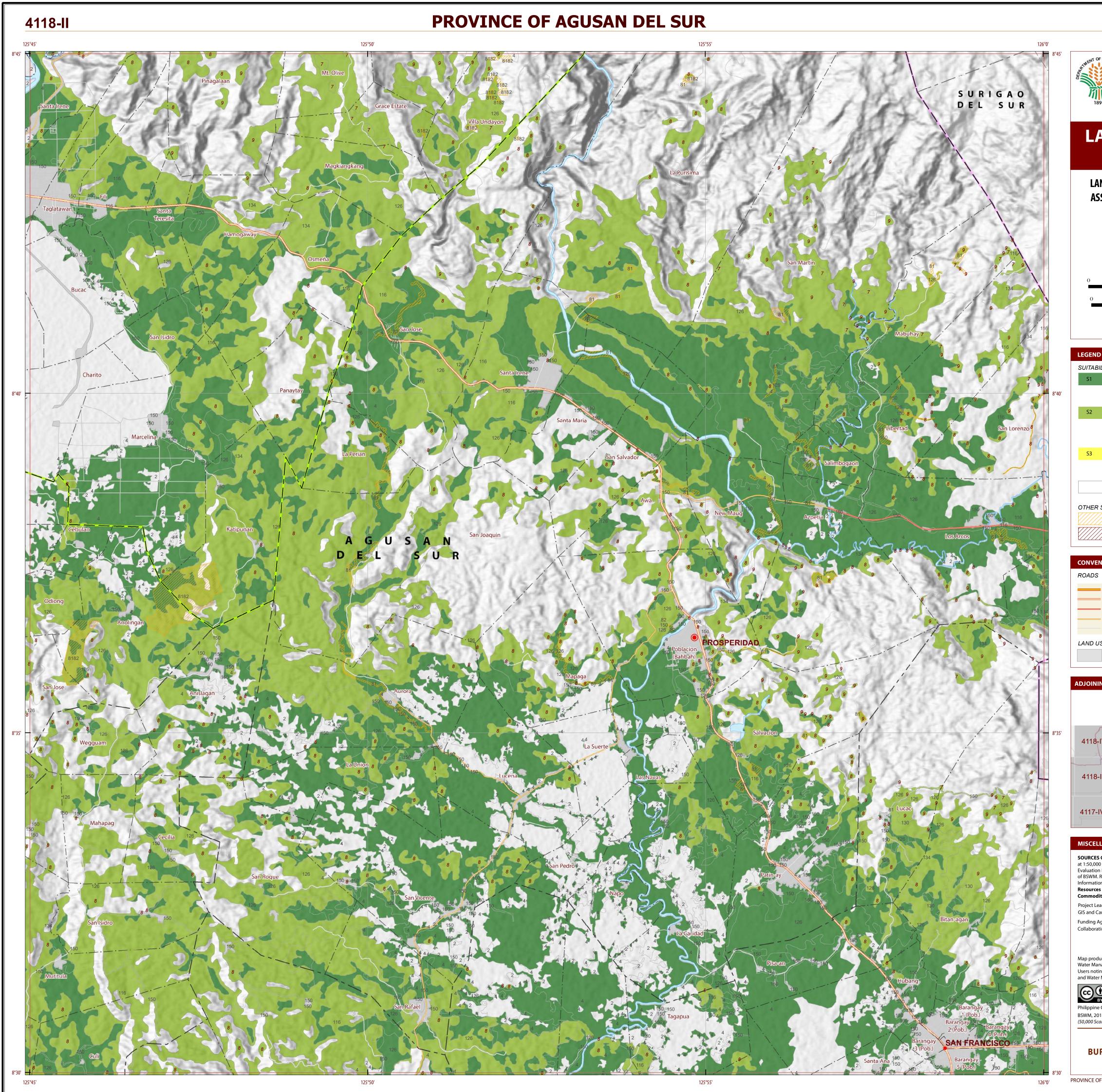
	Cala	bugao I	Plain
B98	But the second s	BRA HERE	DF 4 GALCULTUR
AND SU	JITABIL ASSAV		AP
ND RESOURCE			
	W E		
0.5 1	S CALE 1:500	00 4	5
0.5 1	Kilometers Miles	2	3
	verse Mercator Zone 51 N political boundaries are		
D			
application of a give	Land having no signifi ven use, or only minor luctivity or benefits ar I.	limitations that will r	not signifi-
moderately severe will reduce produc extent that the over	ble - Land having limi for sustained applicat tivity or benefits and erall advantage to be g appreciably inferior to	tion of a given use; th increase required inp gained from the use, a	e limitations uts to the although still
Marginally Suitak	ble - Land having limit d application of a give r increase required in	ations which in aggre en use and will so red	egate are uce produc-
Not Suitable/ Not	Relevant		
R SIGNS NGP Areas Cacao	Land limitat Land use	ion	
NTIONAL SIGNS			
	UNDARY Region Province District	HYDROLOGY Sea / Sh Lakes / PLACES	noreline Rivers
Expressway Trunk line Primary Secondary Tertiary	Region Province	Sea / Sh Lakes / PLACES * Capital Cit	Rivers
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipality	Sea / Sh Lakes / PLACES * Capital Cit	Rivers ty / City
Expressway Trunk line Primary Secondary Tertiary JSE Built-up	Region Province District Municipality Barangay Fishpond	Sea / Sh Lakes / PLACES * Capital Cit • Capital To	Rivers ty / City wn / Town
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipality Barangay Fishpond	Sea / Sh Lakes / PLACES * Capital Cit • Capital To Mangrove	Rivers ty / City wn / Town
BO Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS 4018-II	Region Province District Municipality Barangay Fishpond	Sea / Sh Lakes / PLACES * Capital Cit • Capital To Mangrove	Rivers ty / City wn / Town
Expressway Trunk line Primary Secondary Tertiary JSE Built-up	Region Province District Municipality Barangay Fishpond	Sea / Sh Lakes / PLACES * Capital Cit • Capital To Mangrove	Rivers ty / City wn / Town
BO Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS 4018-II	Region Province District Municipality Barangay Fishpond	Sea / Sh Lakes / PLACES * Capital Cit • Capital To Mangrove	Rivers ty / City wn / Town
Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS 4018-III	 Region Province District Municipality Barangay Fishpond 4118-IV 4018-II 4017-I 	Sea / Sh Lakes / PLACES * Capital Cit • Capital To Mangrove	Rivers ty / City wn / Town
BO Expressway Trunk line Primary Secondary Tertiary ING SHEETS AOT 8-U 4018-U 4018-U 4018-U 50F INFORMATION : Top 00 scale. Land resources in n Division (ALMED), Soils . Rice areas obtained from on System (PRISM) (IRRI, 2 es Evaluation and Suitat	Region Province District Municipality Barangay Fishpond Fishpond 4118-IV 4018-II 4017-I	Sea / Sh Lakes / PLACES	Rivers ty / City wn / Town
BO Expressway Trunk line Primary Secondary Tertiary USE Built-up UNG SHEETS Adoll 8-U 4018-U 4018-U 4018-U 4018-U 50F INFORMATION : Top 0 scale. Land resources in n Division (ALMED), Soils Rice areas obtained from on System (PRISM) (IRRI, i Estevaluation and Suitated ities Project implemente Eader : BERNAR Cartography : IRVIN KA Agency : Depar atting Agencies : Philippi : Depart Agricu : Local O	Region Province District Municipality Barangay Fishpond Fishpond A118-IV 4018-II 4017-I A118-IV 4017-I A118-IV A017-I A017-I A118-IV A118-IV	Sea / Sh Lakes / PLACES * Capital Cit • Capital To *	Rivers ty / City wn / Town P graphic Map ent and vision (LSD) Rice Land s for Major entand vision (LSD) Rice chand s for Major entand s for Major entand s for Major
BO Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE Built-up USE Ad018-U A	Region Province District Municipality Barangay Fishpond Fishpond A118-IV 4018-II 4017-I A017-I A017-I Bographic information ta aformation from the Agri Survey Division (SSD) an in the Land Use System (Fi 2015). Data analysis and of bility Assessment of Stra- ed by BSWM (2017). DO B. PASCUA SAMALCA timent of Agriculture - Bu iment of Agriculture and furger and the comparison of the source of the comparison of the comparison of the comparison of the part of Agriculture and furger and the comparison of the source of the comparison of the source of the comparison of the source of the comparison of the comparison of the comparison of the source of the comparison of the comparison of the comparison of the source of the com	Sea / Sh Lakes / PLACES * Capital Cit • Capital To *	Rivers ty / City wn / Town P graphic Map ent and vision (LSD) Rice Land s for Major earch (DA-BAR) rtment of md XIII (Caraga) municipalities of Soils and
BO Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE Built-up USE Built-up USE CONTROMATOR CONTROMATOR CONTROMATION: Top O scale. Land resources in D ivision (ALMED), Soils CONTROMATION: Top O scale. Land resources in D ivision (ALMED), Soils Rice areas obtained from on System (PRISM) (IRRI, ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils Rice areas obtained from on System (PRISM) (IRRI, ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils Rice areas obtained from on System (PRISM) (IRRI, ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils Rice areas obtained from on System (PRISM) (IRRI, ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils Rice areas obtained from This put ities Project implement ESE VALUATION INFORMATION: Top O scale. Land resources in D ivision (ALMED), Soils B IVIN KA Agency I Depart Agricu I D ivision (INF) E D D IVIN KA Agency I D D D IVIN CONTROMATION: Top D IVIN KA Agency I D D D IVIN Agricu I D D IVIN KA Agency I D D D IVIN Agricu I D D IVIN KA Agency I D D D IVIN Agricu I D D IVIN KA Agency I D D D IVIN I D D IV	Region Province District Municipality Barangay Fishpond Fishpond A118-IV 4018-II 4017-I A017-	Sea / Sh Lakes / PLACES * Capital Cit • Capital To • Capital	Rivers ty / City wm / Towm P P P P P P P P P P P P P
BO Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE Built-up USE Built-up USE CONTROMATOR CONTROMATOR CONTROMATOR CONTROMATION CONTROMA	Region Province District Municipality Barangay Fishpond Fishpond A118-IV 4018-II 4017-I A017-	Sea / Sh Lakes / PLACES * Capital Cit • Capital To • Capital	Rivers ty / City wm / Towm P P P P P P P P P P P P P
BO Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE Built-up USE Built-up USE CONTROMATON: CONTROMATON: CONTROMATION: CONTR	Region Province District Municipality Barangay Fishpond Fishpond District Municipality Barangay Fishpond Province District Municipality Barangay Fishpond Province Contemponde Municipality Barangay Fishpond Province Contemponde Municipality Barangay Fishpond Province Contemponde Contemponde Contemponde Province Province Municipality Barangay Municipality Barangay Municipality Municipality Barangay Municipality Municipality Municipality Barangay Municipality Municipality Municipality Barangay Municipality Mun	Sea / SH Lakes / PLACES * Capital Cit • Capital To • Capit	Rivers ty / City wn / Town P P p p p p p p p p p p p



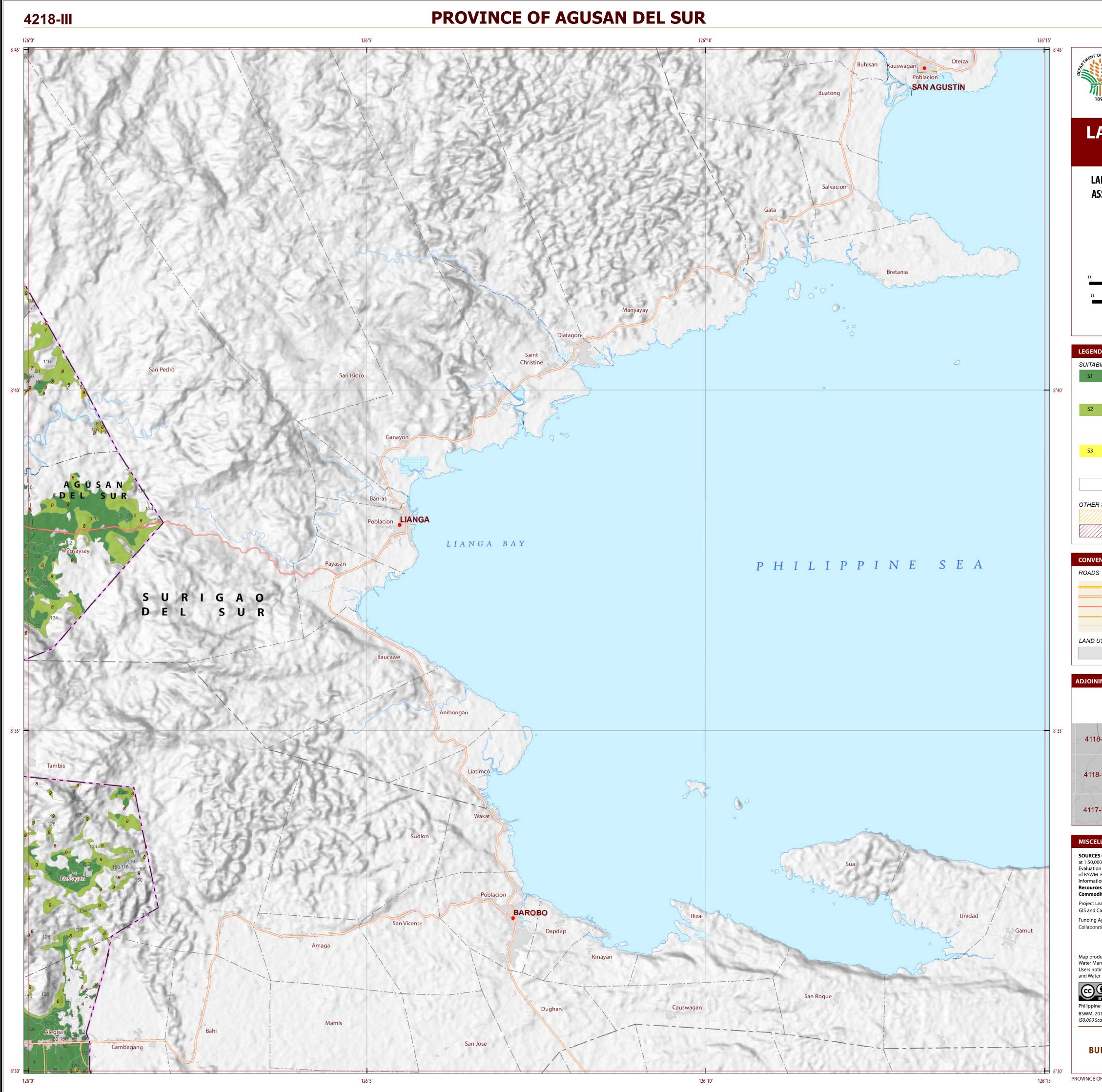
			Bunaguit	-
S998	A WENT OF AGAICLE	ALL REPORT	1898	
AND S	UITAB CASSA		ΥΜΑΡ	
	CES EVALUATIO OF STRATEGIC			
	W-	►E		
0.5 1	SCALE 1:50) 000 3	4 5	
	Kilometers 1 Miles ransverse Mercator Zone : All political boundarie	2 51 N. PRS 1992		
D				
 application of a cantly reduce p an acceptable Moderately Service will reduce proextent that the attractive, will Marginally Survice severe for sustants 	productivity or benefi level. uitable - Land having vere for sustained app ductivity or benefits a overall advantage to be appreciably inferio itable - Land having l ained application of a ts, or increase require y justified.	inor limitatio ts and will no limitations w lication of a g and increase be gained fro or to that expo imitations w given use an	ns that will not signifi- it raise inputs above which in aggregate are given use; the limitations required inputs to the om the use, although still ected on class S1 land.	
SIGNS NGP Areas Cacao	Land lin Land us	nitation e		
NTIONAL SIGNS	BOUNDARY	HYDR	OLOGY	
 Expressway Trunk line Primary Secondary Tertiary 	Region Province District Municipa Barangay		Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town	
ISE Built-up	Fishpond	i i i i i i i i i i i i i i i i i i i	Mangrove	
ING SHEETS			INDEX MAP	
4018-	4118-IV		A Contraction of the second se	
-1)1 4018-1	I 4118-III	A A A A A A A A A A A A A A A A A A A		
4017-1	4117-IV	AR .		
LANEOUS INFO		an takan from N	NAMRIA Topographic Map	
0 scale. Land resource n Division (ALMED), S Rice areas obtained on System (PRISM) (II se Evaluation and Su lities Project implement eader : BER Cartography : IRV Agency : De titing Agencies : Ph	tes information from the Soils Survey Division (SSE from the Land Use Syste RRI, 2015). Data analysis aitability Assessment or hented by BSWM (2017). NARDO B. PASCUA IN K. SAMALCA	Agricultural La D) and Laborato m (FAO, 2015) ; and compilatio f Strategic Pro - Bureau of Ag culture and Fish	nd Management and bry Services Division (LSD) and Philippine Rice in through the Land i duction Areas for Major ricultural Research (DA-BAR) heries (PCAF)	
Ag : Lo luced by the Geomat nagement (BSWM). ing errors or omissio	riculture Regional Field cal Government Unit (LC ics and Soil Information	Office of Regio ¡U) of covered Technology Di [,]	n IX, X, XI, XII and XIII (Caraga) provinces and municipalities vision, Bureau of Soils and nform the Bureau of Soils	
BY NC SA Inte e Government. This p D19. Land Suitability M cale). CC BY NC SA 4.0	rrational License. Unles: Ilectual property rights, Iublication should be att Iap Series for Cassava of t).	s otherwise not in this publicat ributed as : the PROVINCE C	PF AGUSAN DEL SUR	
DEPAI REAU OF SO SRDC Bldg., Elliptic	UBLIC OF THE PH RTMENT OF AG OILS AND WA al Road Cor. Visayas Avenu 532) 332-9534 E-mail: bsw	RICULTU TER MAN e, Diliman, Quez	RE NAGEMENT con City 1101	
DF AGUSAN DEL SUF	}	Sheet 6	5 of 21 Sheet No. 4018-II	



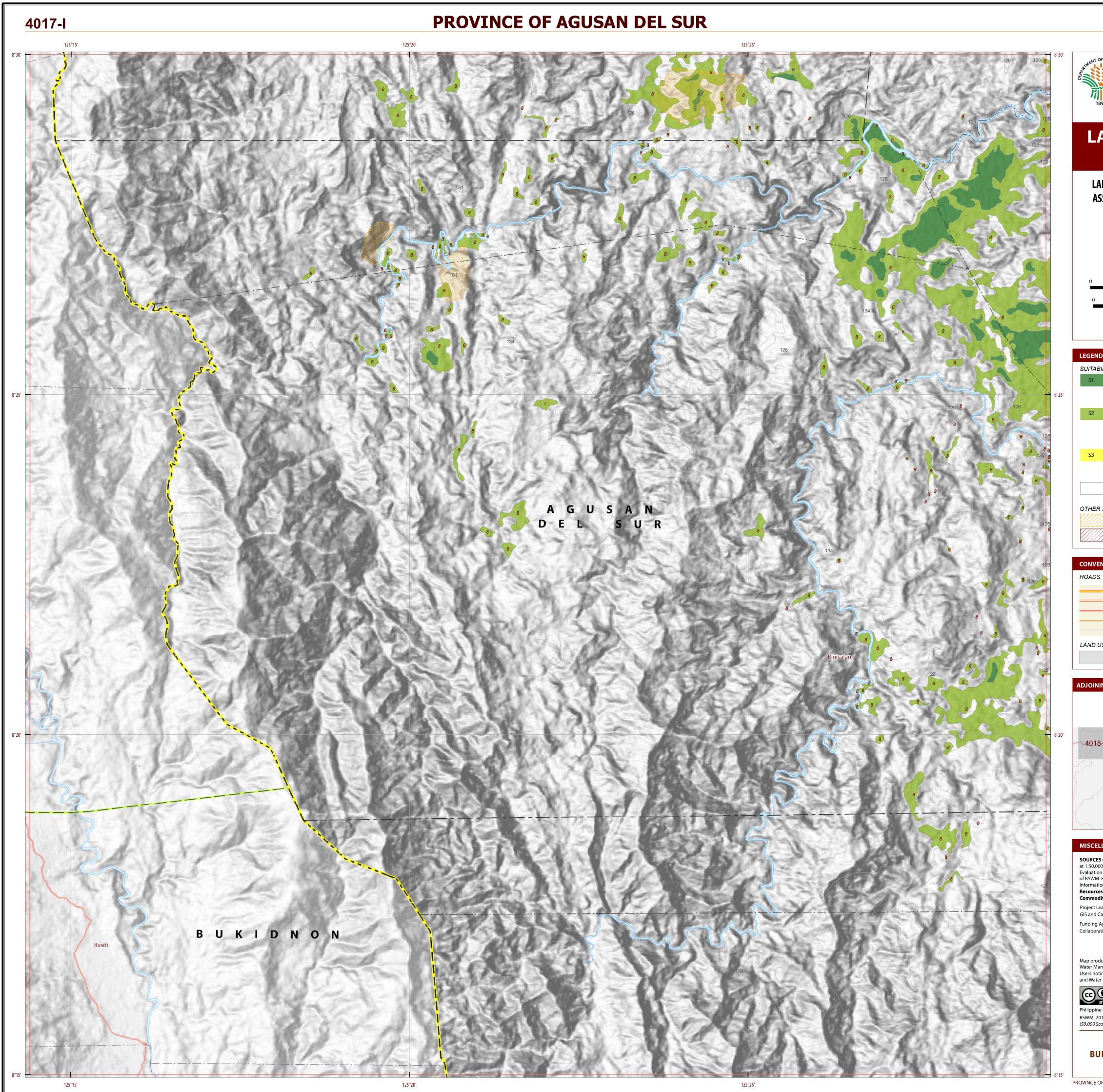
		Gua	dalupe
B98	Band Market NT OF AGRICULT	DEPART	I898
	UITABI CASSAV		MAP
	ES EVALUATION F STRATEGIC PI		
	W - E	E	
	SCALE 1:50		
0.5 1	2 3 Kilometers	4 2	3
	Miles sverse Mercator Zone 51 All political boundaries a		
D			
application of a g cantly reduce pro an acceptable lev		or limitations tha and will not raise	t will not signifi- inputs above
moderately sever will reduce produ extent that the o	able - Land having lin re for sustained applic uctivity or benefits and verall advantage to be appreciably inferior to	ation of a given u d increase require e gained from the	use; the limitations ed inputs to the e use, although still
severe for sustain		ven use and will	so reduce produc-
SIGNS NGP Areas Cacao	Land limit Land use	ation	
NTIONAL SIGNS			
Expressway Trunk line Primary Secondary Tertiary	DUNDARY Region Province District Municipality Barangay	PLACES	ea / Shoreline akes / Rivers ital City / City ital Town / Town
JSE Built-up	Fishpond	Mangr	ove
ING SHEETS		INDE	ХМАР
4118-I 4118-IV	4118-1	and a set	
-II 4118-III	4118-II		
-I 4117-IV	4417	R	And Sta
	4117-1	A. I. S.	3000
LANEOUS INFOR	W.Y.		
0 scale. Land resources n Division (ALMED), Soil . Rice areas obtained fro on System (PRISM) (IRRI	MATION opographic information to information from the Ag Is Survey Division (SSD) a om the Land Use System (I, 2015). Data analysis and ability Assessment of St	ricultural Land Mar and Laboratory Serv (FAO, 2015) and Phi d compilation throu	nagement and <i>r</i> ices Division (LSD) lippine Rice Igh the Land
S OF INFORMATION : To 10 scale. Land resources 11 n Division (ALMED), Soil 12 Rice areas obtained fro 13 on System (PRISM) (IRRI 14 se Evaluation and Suita 14 lities Project implement 15 eader : BERNA 16 Cartography : IRVIN 17 Agency : Depa 16 ting Agencies : Philip 17 Depa 18 Agric 19 Agric 10 Agric	MATION opographic information to information from the Ag Is Survey Division (SSD) a om the Land Use System (I, 2015). Data analysis and ability Assessment of St	ricultural Land Mar and Laboratory Serv (FAO, 2015) and Phi d compilation throu trategic Productio Bureau of Agricultur ture and Fisheries (f d Fisheries - ARMM ice of Region IX, X, of covered provinc	nagement and vices Division (LSD) lippine Rice ugh the Land n Areas for Major val Research (DA-BAR) PCAF) , Department of XI, XII and XIII (Caraga) es and municipalities
5 OF INFORMATION : To 10 scale. Land resources 11 n Division (ALMED), Soil 12 Rice areas obtained fro 13 on System (PRISM) (IRRI 14 Sevaluation and Suita 14 Ities Project implement 15 eader : BERNA 16 Cartography : IRVIN 17 Agency : Depa 16 Agencies : Philip 17 Depa 18 Agencies : Philip 20 Depa 20 Depa	MATION opographic information to information from the Ag Is Survey Division (SSD) a om the Land Use System (J. 2015). Data analysis and ability Assessment of St ability Assessment of St ability Assessment of St anted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - B opine Council on Agriculture an culture Regional Field Off I Government Unit (LGU)	ricultural Land Mar and Laboratory Serv (FAO, 2015) and Phi d compilation throu trategic Productio Bureau of Agricultur cure and Fisheries (F d Fisheries - ARMM ice of Region IX, X, of covered provinc chnology Division, F	hagement and vices Division (LSD) lippine Rice ligh the Land n Areas for Major al Research (DA-BAR) PCAF) , Department of XI, XII and XIII (Caraga) es and municipalities Bureau of Soils and
S OF INFORMATION : To to scale. Land resources In Division (ALMED), Soil Rice areas obtained fro on System (PRISM) (IRRI estaluation and Suita lities Project implemer eader : BERNA Cartography : IRVIN Agency : Depa ting Agencies : Philip : Depa Agric : Local duced by the Geomatics nagement (BSWM). ing errors or omissions r Management. This pu Intern. intelle e Government. This pub	MATION opographic information to information from the Ag Is Survey Division (SSD) a om the Land Use System (J. 2015). Data analysis and ability Assessment of St ability Assessment of St ability Assessment of St ability Assessment of St artment of Agriculture - B opine Council on Agricult artment of Agriculture an culture Regional Field Off I Government Unit (LGU) c and Soil Information Tec	ricultural Land Mar and Laboratory Serv (FAO, 2015) and Phi d compilation throu trategic Production Bureau of Agricultur ure and Fisheries (F d Fisheries - ARMM ice of Region IX, X, of covered provinc chnology Division, F quested to inform t der a Creative Comm therwise noted, cop this publication is o uted as :	hagement and vices Division (LSD) lippine Rice ligh the Land n Areas for Major al Research (DA-BAR) PCAF) , Department of XI, XII and XIII (Caraga) es and municipalities Bureau of Soils and he Bureau of Soils mons Attribution 4.0 pyright and any other wned by the
S OF INFORMATION : To 0 scale. Land resources n Division (ALMED), Soil Rice areas obtained fro on System (PRISM) (IRRI es Evaluation and Suita lities Project implement eader : BERNA Cartography : IRVIN Agency : Depa ting Agencies : Philip : Depa Agric : Local duced by the Geomatics nagement (BSWM). ing errors or omissions r Management. BY NC SA This pub DI 9. Land Suitability Map cale) . CC BY NC SA 4.0. R E P U B DEPART REAU OF SO SRDC Bldg., Elliptical F	MATION opographic information to information from the Ag Is Survey Division (SSD) a om the Land Use System (J, 2015). Data analysis and ability Assessment of St nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - B opine Council on Agricult artment of Agriculture an culture Regional Field Off I Government Unit (LGU) and Soil Information Tech in this publication are red ublication is licensed und ational License. Unless of ctual property rights, in t	ricultural Land Mar and Laboratory Serv (FAO, 2015) and Phi d compilation throu trategic Production trategic Production trategic Production trategic Production trategic Production trategic Production there and Fisheries - ARMM ice of Region IX, X, of covered province thology Division, I quested to inform t therwise noted, cop this publication is o uted as : PROVINCE OF AGUS	hagement and vices Division (LSD) lippine Rice ugh the Land in Areas for Major al Research (DA-BAR) PCAF) , Department of XI, XII and XIII (Caraga) es and municipalities Bureau of Soils and he Bureau of Soils mons Attribution 4.0 pyright and any other wined by the CAN DEL SUR EMENT 1101



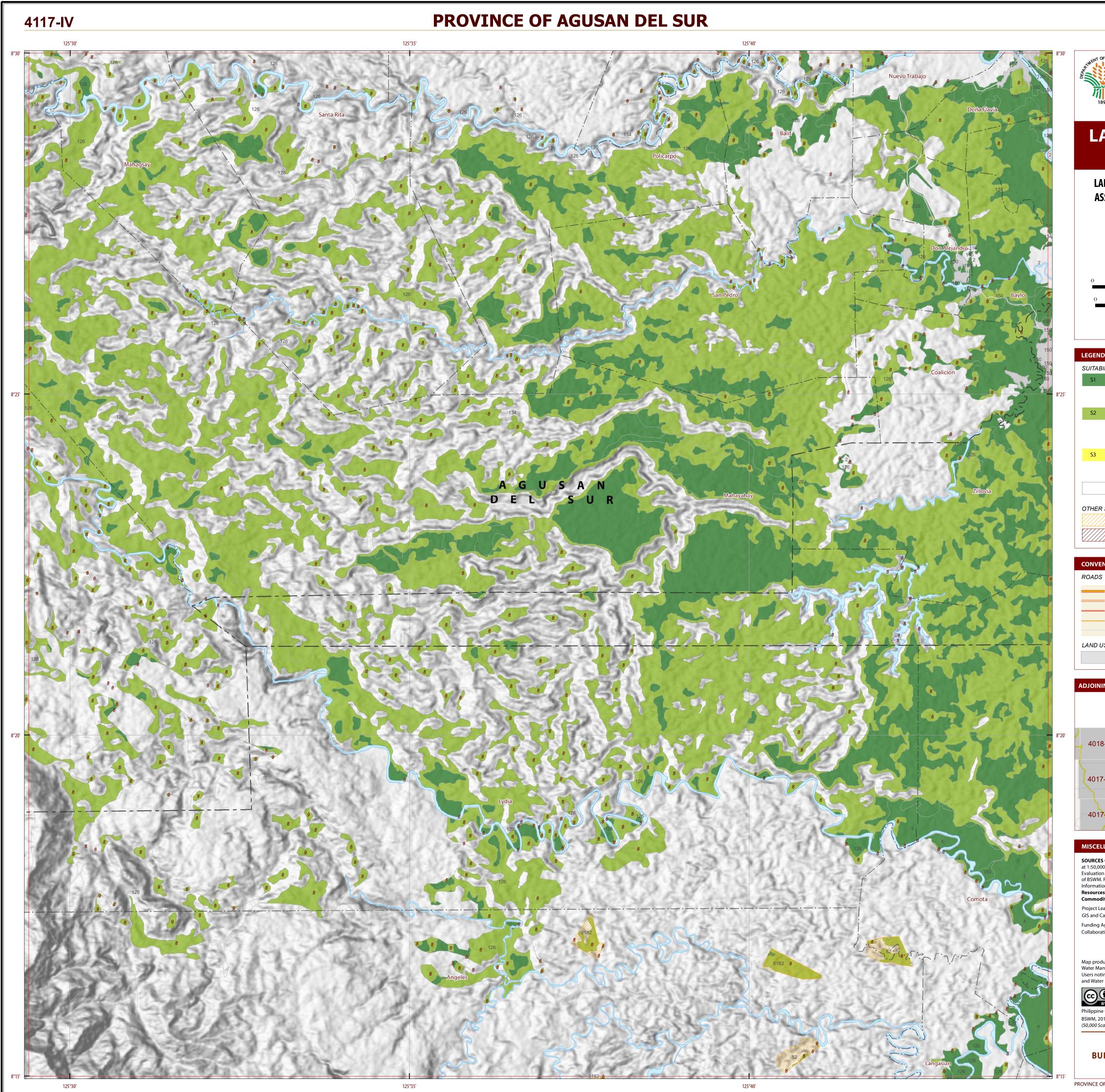
	F	Prospe	
PF AGR CULTURE	RUNE NT OF AGRICCILL	DEPART	OF AGALCULTUR
AND SU C	ITABIL ASSAV		AP
ND RESOURCES			
	W - E		
0.5 1 0.5 1	ALE 1:50 00 2 3 Kilometers	0 4 2	5 3
	Miles se Mercator Zone 51 N. F olitical boundaries are r		
D			
application of a giver	nd having no significa n use, or only minor li tivity or benefits and	mitations that wil	l not signifi-
moderately severe fo will reduce productiv extent that the overa attractive, will be app	e - Land having limita r sustained applicatic rity or benefits and in- Il advantage to be ga preciably inferior to th	on of a given use; f crease required in ined from the use nat expected on cl	the limitations puts to the , although still ass S1 land.
severe for sustained a		use and will so re	duce produc-
SIGNS NGP Areas	Land limitatio	'n	
NTIONAL SIGNS			
Expressway Trunk line Primary	 Region Province District 	PLACES	Shoreline / Rivers
E Expressway	Region Province District	Sea / 1 Lakes PLACES TACES	
BOUN Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipality Barangay	Sea / 1 Lakes PLACES Capital C Capital 1	/ Rivers City / City
BOUN Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipality Barangay	Sea / 1 Lakes PLACES Capital C Capital 1	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up	Region Province District Municipality Barangay	Sea / 2 Lakes PLACES Capital C Capital T Mangrove	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS A118-II	 Region Province District Municipality Barangay Fishpond Fishpond 	Sea / 2 Lakes PLACES Capital C Capital T Mangrove	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS A118-II	 Region Province District Municipality Barangay Fishpond 	Sea / 2 Lakes PLACES Capital C Capital T Mangrove	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS A118-II	 Region Province District Municipality Barangay Fishpond 	Sea / 2 Lakes PLACES Capital C Capital T Mangrove	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipality Barangay Fishpond Value 4218-III 4217-IV	Sea / 2 Lakes PLACES Capital T Capital T Capital T Mangrove INDEX M INDEX M	/ Rivers City / City Town / Town
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE ATTRA-II U ATTRA-II U ATTRA-II U ATTRA-II U ATTRA-II U ATTRA-II	Region Province District Municipality Barangay Fishpond Fishpond 4218-III 4217-IV	Sea / Lakes PLACES Capital T Capital T Capital T Mangrove INDEX M INDEX M I	/ Rivers City / City Town / Town AP AP Orgraphic Map Ment and Division (LSD) Ne Rice he Land he Search (DA-BAR) Ortice and XIII (Caraga) Hermonicipalities
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE At118-II IV A118-II IV A118-II IV A118-II IV A118-II IV A117-I IV A117-I IV A117-I IV A117-I IV A117-I IV A117-I IV A117-I IV COF INFORMATION : Topog 0 scale. Land resources info n Divesion (ALMED), Soils Su Rice areas obtained from th on System (PRISM) (IRRI, 201 Ses Evaluation and Suitabili lities Project implemented cartography : BERNARDC Cartography : BERNARDC Cartography : Departme- ting Agencies : Philippine E Departme- Agricultu : Local Gov Auced by the Geomatics and nagement (BSWM). Ing errors or omissions in the r Management.	• Region • Province District Municipality Barangay Image: Comparison of the second	Sea / 3 Lakes PLACES Capital 1 Capital 1 Capital 1 Mangrove INDEX M INDEX M	/ Rivers City / City Fown / Town AP AP Organic Map Ment and Division (LSD) Ment and Ment and Division (LSD) Ment and Division (LSD) Ment and <
Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up USE Built-up U U U U U U U U U U U U U	• Region • Province District Municipality Barangay Image: Comparison of the second of the	Sea / 2 Lakes PLACES Capital 1 Capital 1 Capital 1 Mangrove INDEX M INDEX M	/ Rivers City / City fown / Town AP App
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up USE Built-up U U U U U U U U U U U U U	Region Province District Municipality Barangay Fishpond Fishpond Value Value Value Value Province District Municipality Barangay Fishpond Value	Sea / Lakes PLACES Capital T Capital T Capital T Capital T Mangrove INDEX M INDEX M	/ Rivers City / City fown / Town AP AP Orgraphic Map ment and Division (LSD) ne Rice he Land ass for Major search (DA-BAR) our attment of land XIII (Caraga) id municipalities u of Soils and ureau of Soils Attribution 4.0 ht and any other dby the



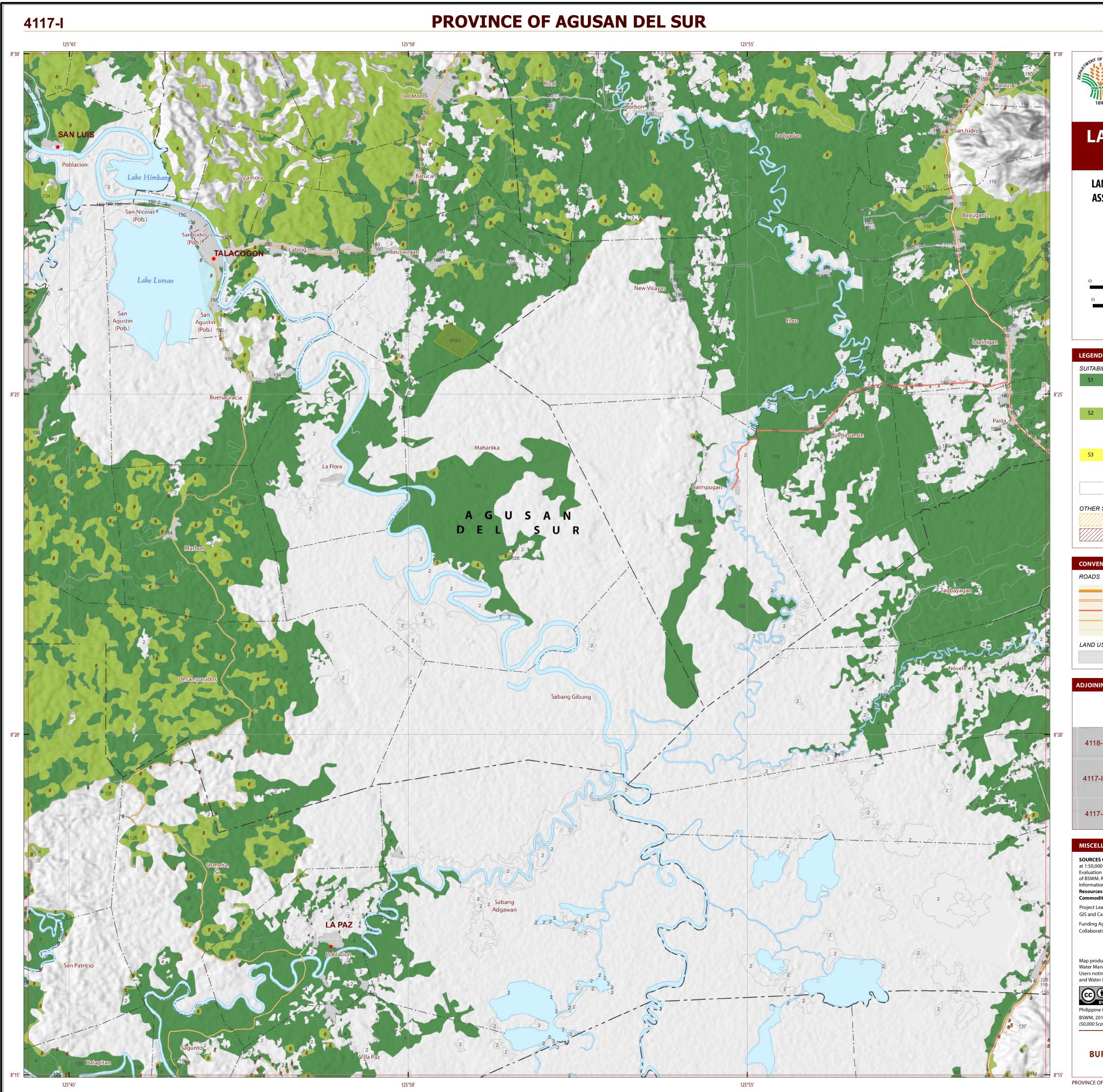
			Lianga
B98	A COLOR OF AGRICUL	ALL RATE	1898
	UITAB CASSA		ΥΜΑΡ
	ES EVALUATIO F STRATEGIC I		
	w - () s	►E	
0.5 1	SCALE 1:50	000 <u>3</u>	4 5
0.5	Kilometers 1	2	3
	Miles nsverse Mercator Zone All political boundarie		
D			
application of a	oductivity or benefit	inor limitatio	ns that will not signifi-
moderately seve will reduce prod extent that the c	re for sustained app uctivity or benefits a overall advantage to	lication of a g and increase be gained fr	which in aggregate are given use; the limitations required inputs to the om the use, although still ected on class S1 land.
Marginally Suit	able - Land having l ned application of a , or increase required justified.	imitations w given use an	hich in aggregate are d will so reduce produc- t this expenditure will be
SIGNS NGP Areas Cacao	Land lin Land us		
NTIONAL SIGNS			
Expressway Trunk line Primary Secondary Tertiary	OUNDARY Region Province District Municipal Barangay	PLACE	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
JSE Built-up	Fishpond		Mangrove
ING SHEETS			
4218-I			
-II 4218-III -I 4217-IV	Angine to	A.	
		n takar f	NAMRIA Topographic Map
0 scale. Land resources n Division (ALMED), So Rice areas obtained fro on System (PRISM) (IRR es Evaluation and Suit lities Project impleme eader : BERN. Cartography : IRVIN Agency : Dep titing Agencies : Phili : Dep	s information from the ils Survey Division (SSE om the Land Use System 1, 2015). Data analysis a cability Assessment of nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture ppine Council on Agric artment of Agriculture	Agricultural La D) and Laborato m (FAO, 2015) and compilatic f Strategic Pro - Bureau of Ag culture and Fish and Fisheries -	and Management and bry Services Division (LSD) and Philippine Rice on through the Land o duction Areas for Major ricultural Research (DA-BAR)
: Loca luced by the Geomatic nagement (BSWM). ing errors or omissions	al Government Unit (LG s and Soil Information	iU) of covered Technology Di	provinces and municipalities vision, Bureau of Soils and nform the Bureau of Soils
BY NC SA Interr Intelle Government. This pul		s otherwise no in this publicat ributed as :	
DEPAR REAU OF SO SRDC Bldg., Elliptical	BLIC OF THE PH TMENT OF AG ILS AND WAT Road Cor. Visayas Avenue 2) 332-9534 E-mail: bsw	RICULTU TER MAI e, Diliman, Quez	RE NAGEMENT zon City 1101
DF AGUSAN DEL SUR		Sheets	9 of 21 Sheet No. 4218-III



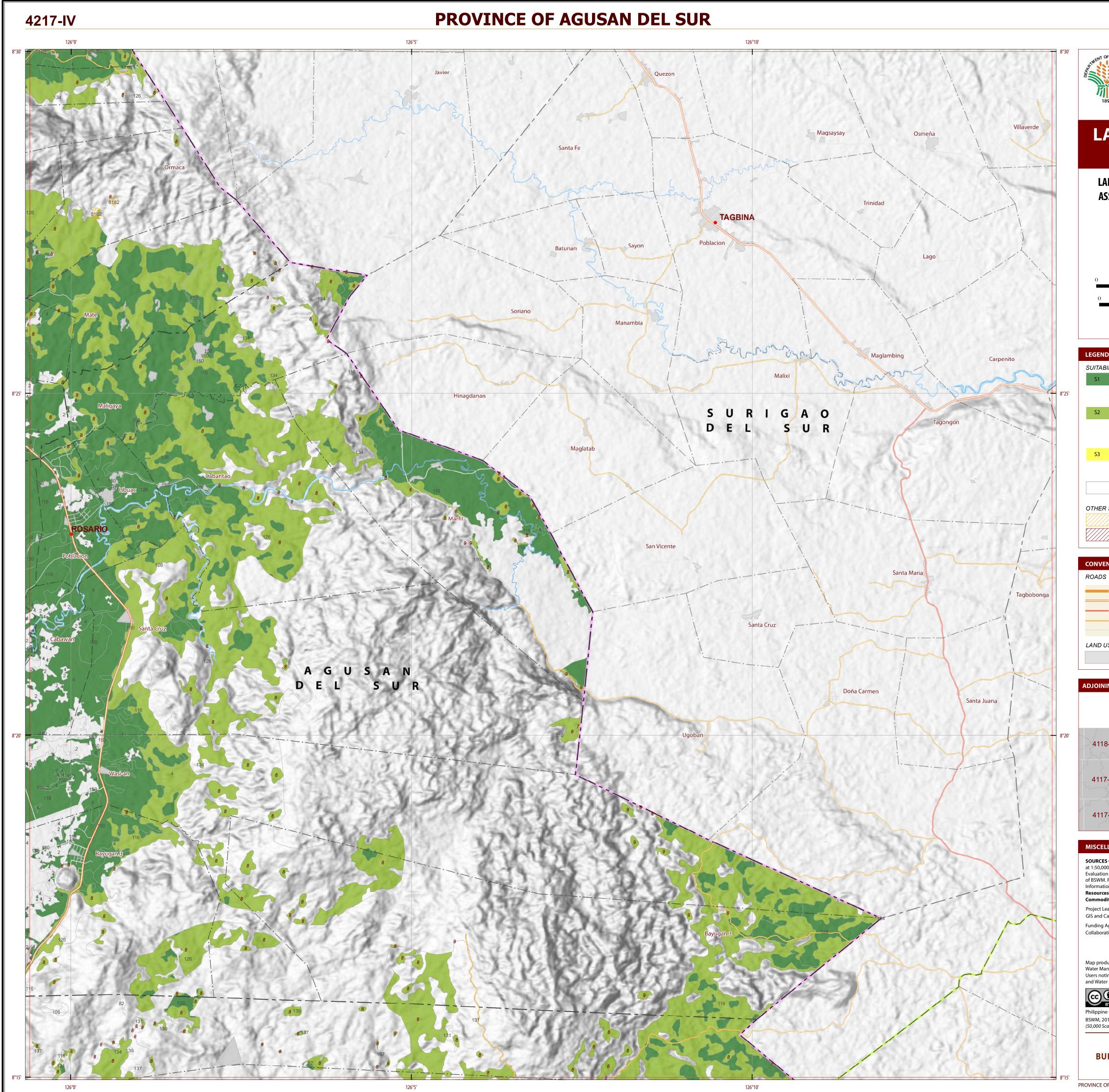
	Maasam River
B98	TOFAGROUTURAL PROPERTY OF AGAIN TOFAGAIN TOFAGAI
	ABILITY MAP SSAVA
	ALUATION AND SUITABILITY ATEGIC PRODUCTION AREAS
w -(E S
0.5 1 2	E 1:50 000 3 4 5
0.5 1 K	ilometers 2 3 Miles
	rcator Zone 51 N. PRS 1992 Datum Il boundaries are not authoritative.
D	
application of a given use,	aving no significant limitations to sustained , or only minor limitations that will not signifi- y or benefits and will not raise inputs above
moderately severe for sust will reduce productivity of extent that the overall adv	nd having limitations which in aggregate are tained application of a given use; the limitations r benefits and increase required inputs to the vantage to be gained from the use, although still ably inferior to that expected on class S1 land.
severe for sustained applie	nd having limitations which in aggregate are cation of a given use and will so reduce produc- ise required inputs, that this expenditure will be
SIGNS	
NGP Areas	Land limitation Land use
NTIONAL SIGNS	RY HYDROLOGY
Expressway	Region Sea / Shoreline
Trunk line	Province Lakes / Rivers District PLACES
Primary Secondary Tertiary	Tiovince
Primary Secondary Tertiary	District PLACES Municipality 😿 ★ Capital City / City
Primary Secondary Tertiary JSE Built-up ING SHEETS	District <i>PLACES</i> Municipality ★ Capital City / City Barangay ● • Capital Town / Town
Primary Secondary Tertiary JSE Built-up Fis ING SHEETS 4017-I	District <i>PLACES</i> Municipality ★ Capital City / City Barangay ● Capital Town / Town hpond
Primary Secondary Tertiary <i>ISE</i> Built-up Fis ING SHEETS 4018-II 41 ⁴	District <i>PLACES</i> Municipality ★ Capital City / City Barangay ● Capital Town / Town hpond Mangrove INDEX MAP
Primary Secondary Tertiary <i>ISE</i> Built-up Fis ING SHEETS 4017-I 4017-I 411	District <i>PLACES</i> Municipality ★ Capital City / City Barangay ● Capital Town / Town hpond Mangrove INDEX MAP
Primary Secondary Tertiary <i>ISE</i> Built-up Fis ING SHEETS 4017-I 4017-I 411 411	District PLACES Municipality $\ref{eq:second}$ Capital City / City Barangay $\ref{eq:second}$ Capital Town / Town hpond $\ref{eq:second}$ Mangrove INDEX MAP 18-III 7-IV 17-III
Primary Secondary Tertiary JSE Built-up Fis ING SHEETS 4017-I 4017-I 411 4017-I 411 411 411 411 411 411 411 411 411 41	District PLACES Municipality A Capital City / City Barangay A Capital Town / Town hpond Mangrove INDEX MAP 18-III 18-III 7-IV 17-III to information taken from NAMRIA Topographic Map on from the Agricultural Land Management and Division (SSD) and Laboratory Services Division (LSD) id Use System (FAO, 2015) and Philippine Rice ata analysis and compilation through the Land
Primary Secondary Tertiary	District PLACES Municipality A Capital City / City Barangay A Capital Town / Town hpond Magrove INDEX MAP 18-III 7-IV 17-III 17-III to information taken from NAMRIA Topographic Map on from the Agricultural Land Management and District PLACES Mangrove INDEX MAP
Primary Secondary Tertiary JSE Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Built-up Fis AdO17-I Contection Contection Built-up	District PLACES Municipality A Capital City / City Barangay A Capital Town / Town hpond Magrove INDEX MAP 18-III 7-IV 17-III 17-III to information taken from NAMRIA Topographic Map on from the Agricultural Land Management and District PLACES Mangrove INDEX MAP
Primary Secondary Tertiary JSE Built-up Fis ING SHEETS AdO117-I 4017-I 4017-I 411 4017-I 411 4017-I 411 411 411 411 411 411 411 411 411 41	District PLACES Municipality $ ightharpoondown (Compared to the compared to t$
Primary Secondary Tertiary	District PLACES Municipality A Capital City / City Barangay A Capital Town / Town hpond Magrove INDEX MAP INDEX INDEX INDEX MAP INDEX MAP INDEX INDEX INDEX MAP INDEX INDEX INDEX MAP INDEX INDEX INDEX MAP INDEX INDEX INDEX MAP INDEX MAP
Primary Secondary Tertiary JSE Built-up Built-up Built-up Fis ING SHEETS AdO1 7-I 4017-I 41 4017-I 41 4017-I 41 CLANEOUS INFORMATION FOR INFORMATION FOR INFORMATION COS INFORMATION FOR INFORMATION F	District PLACES Municipality A Capital City / City Barangay A Capital Town / Town hpond Magrove INDEX MAP ISUE



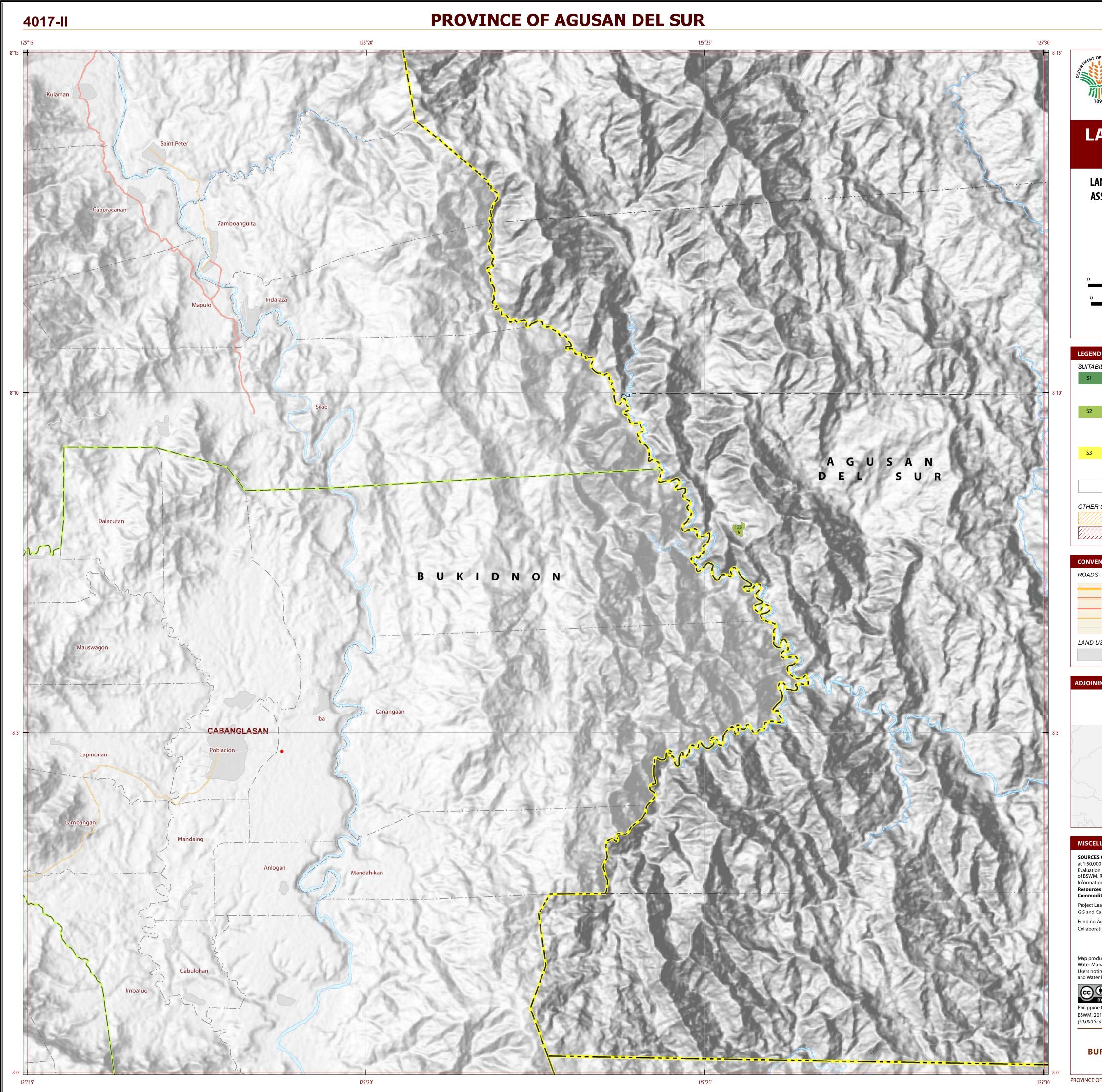
			Baylo
PF A GRICULTURE	ALMENT OF AGRICLE	RICULTURAL PUBLIC	1898
	UITAB CASSA		ΥΜΑΡ
ND RESOURC			
	w - Contraction of the second	►E	
0.5 1	SCALE 1:50) 000 3	4 5
0.5	Kilometers 1	2	3
	Miles sverse Mercator Zone All political boundarie		
D			
 application of a g cantly reduce pro an acceptable leve Moderately Suit moderately sever will reduce produce extent that the o attractive, will be Marginally Suita severe for sustain 	given use, or only m boductivity or benefit vel. able - Land having re for sustained app uctivity or benefits a verall advantage to appreciably inferio able - Land having I ned application of a or increase required ustified.	inor limitatio ts and will no limitations w lication of a and increase be gained fro r to that expo imitations w given use an	itations to sustained ons that will not signifi- bit raise inputs above which in aggregate are given use; the limitations required inputs to the om the use, although still ected on class S1 land. hich in aggregate are of will so reduce produc- t this expenditure will be
SIGNS NGP Areas Cacao	Land lin 116 Land us		
NTIONAL SIGNS			04.0.07
Expressway Trunk line Primary Secondary Tertiary	OUNDARY Region Province District Municipa Barangay	PLACE	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
ISE Built-up	Fishpond		Mangrove
ING SHEETS			INDEX MAP
4117-I	V		S.
3-11 4118-111	4118-II		Constraints
7-I 4117-IV	4117-1	A CARA	
4117-111	4117-11	Rei	- AND
LANEOUS INFOR	MATION		
0 scale. Land resources n Division (ALMED), Soi Rice areas obtained fro on System (PRISM) (IRRI s Evaluation and Suit a lities Project implement eader : BERNA Cartography : IRVIN Agency : Depa ting Agencies : Philip Cartography : Depa	information from the Is Survey Division (SSE om the Land Use Syste I, 2015). Data analysis a ability Assessment of nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture opine Council on Agric artment of Agriculture ruthure Regional Field (Agricultural La) and Laborato m (FAO, 2015) ; and compilatio f Strategic Pro - Bureau of Ag ulture and Fish and Fisheries - Office of Regio	ory Services Division (LSD) and Philippine Rice on through the Land oduction Areas for Major pricultural Research (DA-BAR)
nagement (BSWM).			vision, Bureau of Soils and nform the Bureau of Soils
Intern	ational License. Unless ctual property rights, lication should be attr	s otherwise not in this publicat ributed as :	
rale) . CC BY NC SA 4.0. R E P U B D E P A R T	LIC OF THE PH	ILIPPINE RICULTU	S RE
	ILS AND WA Road Cor. Visayas Avenu) 332-9534 E-mail : bswi	e, Diliman, Quez mclientcenter@yc	zon City 1101 ahoo.com
AUUJAN DEL SUK		Sheet 11	יסיביו אופינאט. 4117-IV



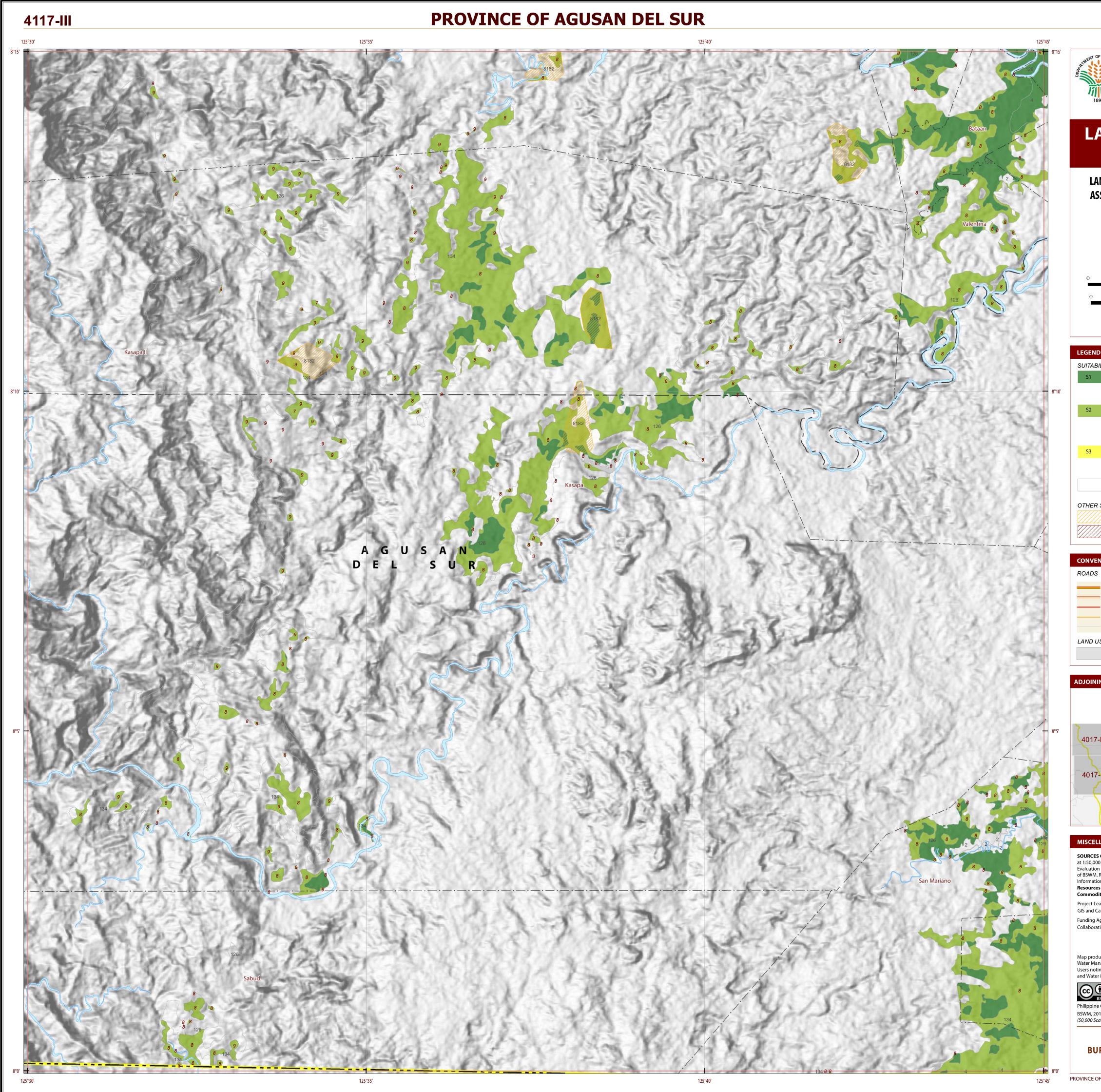
		Та	alacog	
P AGRICULTUR	A CHARACTER OF A GRICULT	CULTURAL RESS	I898	GALCULTURE
AND SU	UITABI CASSA		Y MA	Ρ
ND RESOURC				-
	w-	E		
0.5 1	SCALE 1:50 2 Kilometers	000 3 2	4	5 3
	Miles sverse Mercator Zone 5 All political boundaries			3
	- Land having no sig jiven use, or only mit			
cantly reduce pro an acceptable lev Moderately Suit moderately sever will reduce produ	oductivity or benefits vel. a ble - Land having l re for sustained appl uctivity or benefits an	s and will not imitations wi ication of a g nd increase re	raise inputs abo nich in aggregat iven use; the lim equired inputs t	e are nitations o the
attractive, will be Marginally Suita severe for sustain		to that expe mitations wh given use and	cted on class S1 ich in aggregate d will so reduce	land. e are produc-
SIGNS NGP Areas Cacao	Land lim Land use			
NTIONAL SIGNS				
 Expressway Trunk line Primary Secondary Tertiary 	DUNDARY Region Province District Municipali Barangay	HYDRC PLACE ty € ★ ● ●	Sea / Shorel Lakes / Rive	rs Lity
ISE Built-up	Fishpond	N	langrove	
ING SHEETS 4117-			NDEX MAP	
-III 4118-II -IV 4117-I	4218-III 4217-IV			
'-III 4117-II	4217-111	Mar .	and the second	
LANEOUS INFOR	MATION			
Cartography : IRVIN Agency : Depa	information from the A Is Survey Division (SSD) om the Land Use System , 2015). Data analysis an ability Assessment of nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture -	Agricultural Lar) and Laborato n (FAO, 2015) a nd compilatior Strategic Proc • Bureau of Agr	nd Management an ry Services Divisio nd Philippine Rice n through the Land luction Areas for icultural Research	nd n (LSD) d Major
Agric : Local luced by the Geomatics nagement (BSWM).	rtment of Agriculture a ulture Regional Field O Government Unit (LGU and Soil Information T	and Fisheries - Iffice of Region J) of covered p echnology Div	ARMM, Departme IX, X, XI, XII and X rovinces and mun ision, Bureau of Sc	lll (Caraga) icipalities vils and
Intern	ublication is licensed u ational License. Unless ctual property rights, ir lication should be attri	nder a Creative otherwise note n this publicati buted as :	Commons Attribu ed, copyright and on is owned by the	ution 4.0 any other e
DEPART REAU OF SO SRDC Bldg., Elliptical F	LIC OF THE PH MENT OF AGI ILS AND WAT Road Cor. Visayas Avenue 332-9534 E-mail: bswm	ER MAN , Diliman, Quezo	RE AGEMENT on City 1101	
DF AGUSAN DEL SUR		Sheet 12		No. 4117-I



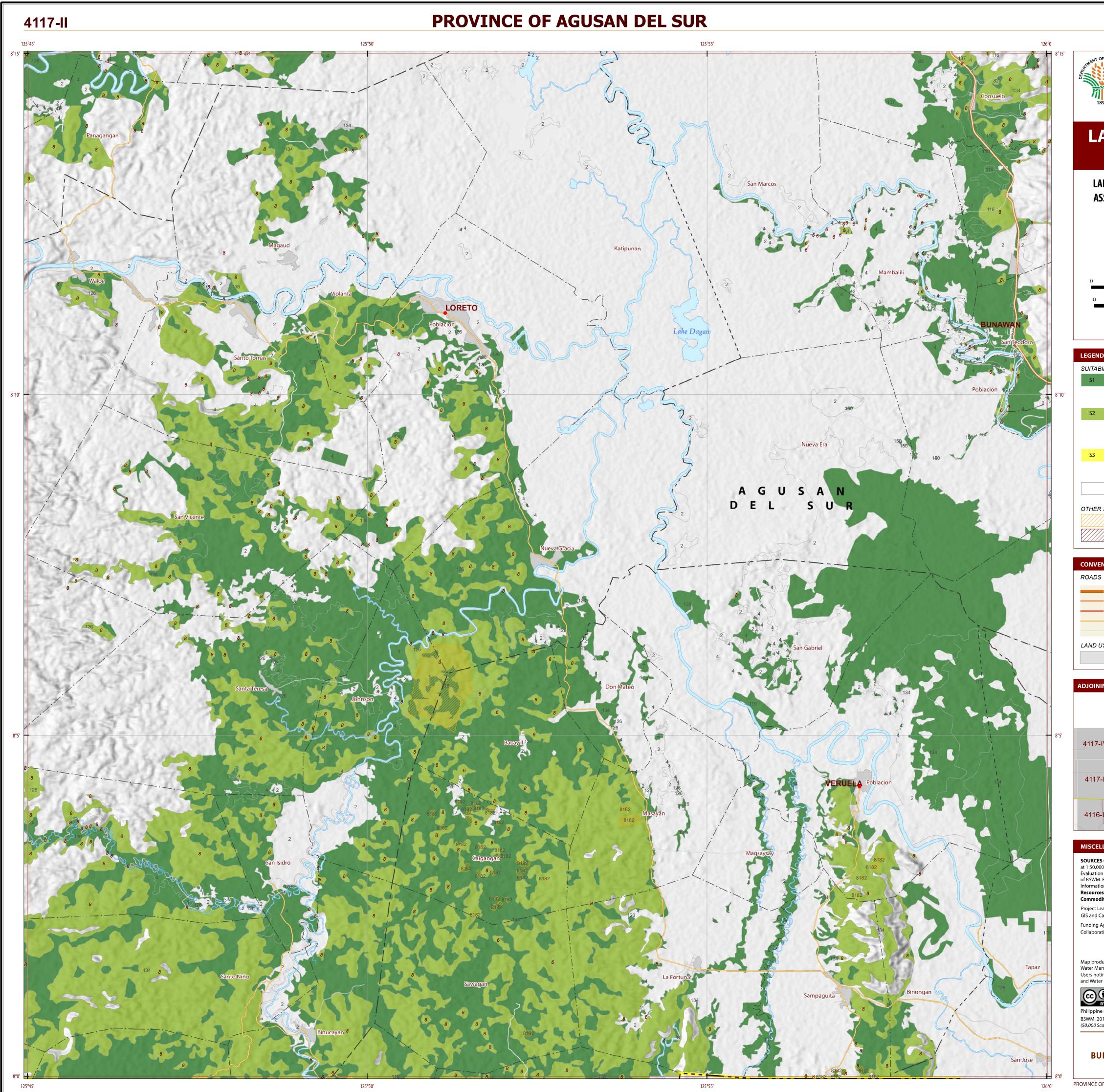
			Malixi
S998	and a second	ACTICULTURAL USO	1898
	UITAB CASS <i>A</i>		ΥΜΑΡ
	CES EVALUATI DF STRATEGIC		
	w- s SCALE 1:5) - E	
0.5 1	2	3	4 5
0.5	Kilometer 1 Miles	s 2	3
	nsverse Mercator Zon All political boundar		
D			
application of a cantly reduce pr an acceptable le Moderately Su moderately seven will reduce proce extent that the attractive, will b Marginally Suit severe for susta	given use, or only n roductivity or benef evel. itable - Land having ere for sustained ap ductivity or benefits overall advantage to be appreciably inferi table - Land having ined application of s, or increase require justified.	ninor limitation its and will no glimitations w plication of a and increase o be gained fr or to that exp limitations w a given use an	itations to sustained ons that will not signifi- of raise inputs above which in aggregate are given use; the limitations required inputs to the om the use, although still ected on class S1 land. hich in aggregate are of will so reduce produc- t this expenditure will be
SIGNS NGP Areas Cacao	116 Land li Land u	mitation se	
NTIONAL SIGNS	BOUNDARY	HVDP	OLOGY
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipa Baranga	PLACE	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
Built-up	Fishpond	A CARE	Mangrove
ING SHEETS 4217-	V		
3-II 4218-II 7-I 4217-IV 7-II 4217-II	A A A	A. A.	
N.	4	S.	<i>6</i> **
00 scale. Land resource n Division (ALMED), So Rice areas obtained fi on System (PRISM) (IR es Evaluation and Sui lities Project implement eader : BERN Cartography : IRVIN Agency : Dep ting Agencies : Phil : Dep Agr : Loc	Topographic informat es information from the oils Survey Division (SS rom the Land Use Syst RI, 2015). Data analysis (tability Assessment o ented by BSWM (2017) NARDO B. PASCUA N K. SAMALCA partment of Agricultur ippine Council on Agri partment of Agricultur iculture Regional Field al Government Unit (L	e Agricultural La iD) and Laborati em (FAO, 2015) and compilatic of Strategic Pro- e - Bureau of Ag- iculture and Fisheries - iculture and Fisheries - l Office of Regio GU) of covered	ory Services Division (LSD) and Philippine Rice on through the Land oduction Areas for Major gricultural Research (DA-BAR) heries (PCAF) - ARMM, Department of n IX, X, XI, XII and XIII (Caraga) provinces and municipalities
nagement (BSWM).			vision, Bureau of Soils and
This Inter BY NC SA e Government. This pu	national License. Unle lectual property rights iblication should be at ap Series for Cassava of	ss otherwise no , in this publicat tributed as :	
DEPAR REAU OF SC SRDC Bldg., Elliptica	BLIC OF THE P TMENT OF AC DILS AND WA I Road Cor. Visayas Aven 32) 332-9534 E-mail: bsi	TER MAI ue, Diliman, Quez	RE NAGEMENT zon City 1101
DF AGUSAN DEL SUR		Sheet 1.	3 of 21 Sheet No. 4217-IV



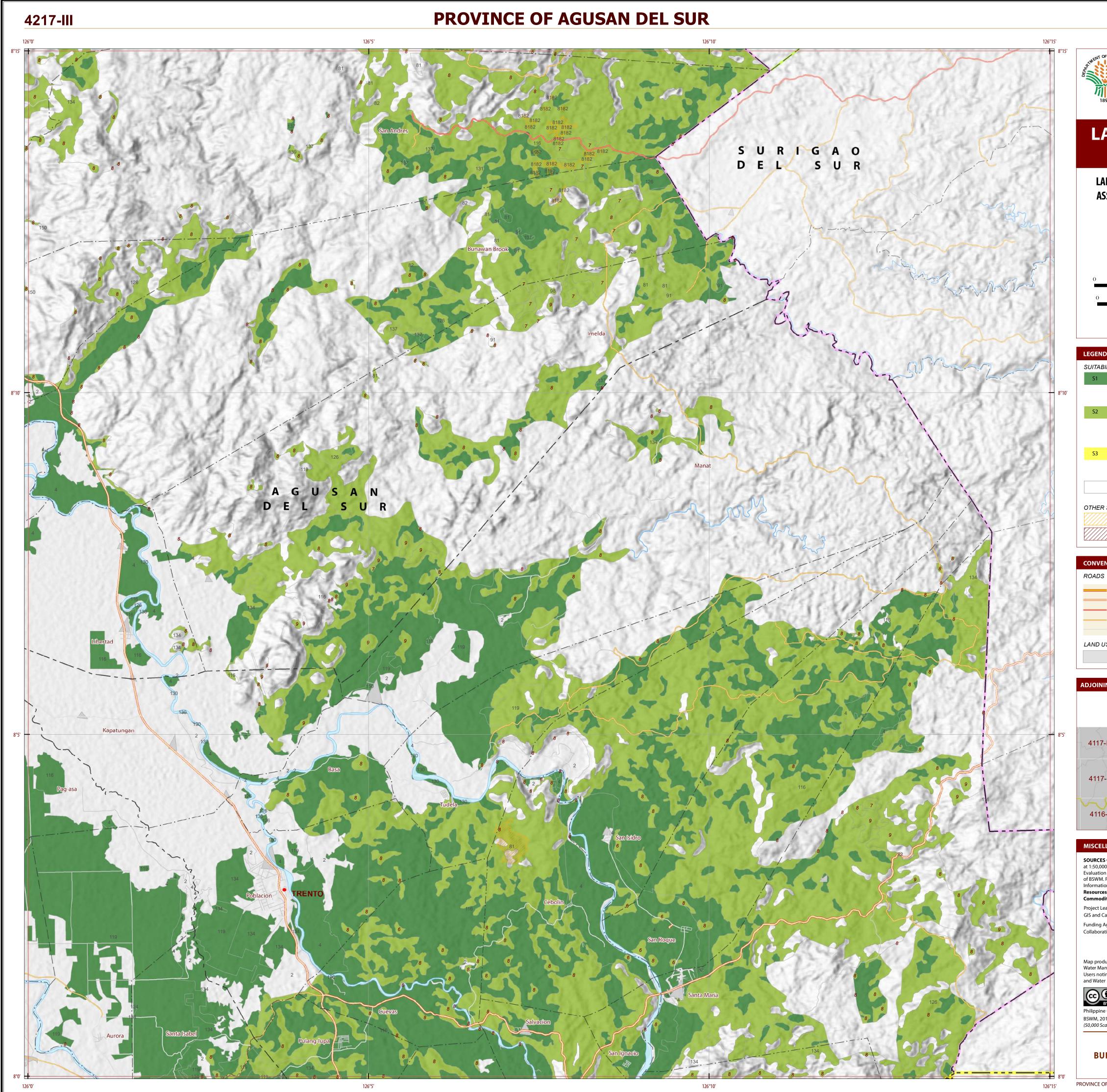
	Cabanglasan
By Content of Content	AGAIGUITURA BURNE AT OF AGACCTURA BURNE AGAIGUITURA BURNE AT OF AGACTURA BURNE AGAIGUITURA BURNE AT OF AGACTURA BURNE AGAIGUITURA BURNE AT OF AGACTURA BURNE AT OF AGAIGUITURA BURNE AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AT OF AGAIGUITURA BURNE AT OF AGAIGUITURA
	BILITY MAP SAVA
	IATION AND SUITABILITY GIC PRODUCTION AREAS
w -	E S
0.5 1 2 Kilom 0.5 1	2 3
Mi Universal Transverse Mercato	
application of a given use, or o	g no significant limitations to sustained only minor limitations that will not signifi- penefits and will not raise inputs above
moderately severe for sustaine will reduce productivity or ber extent that the overall advanta	having limitations which in aggregate are an application of a given use; the limitations hefits and increase required inputs to the age to be gained from the use, although still inferior to that expected on class S1 land.
severe for sustained applicatio	aving limitations which in aggregate are on of a given use and will so reduce produc- equired inputs, that this expenditure will be
	and limitation and use
NTIONAL SIGNS	
	gion Sea / Shoreline Lakes / Rivers
· · · · · · · · · · · · · · · · · · ·	trict <i>PLACES</i> nicipality 🛠 🛧 Capital City / City
Secondary — Mu	nicipality 😿 ★ Capital City / City angay 💿 • Capital Town / Town
Secondary Tertiary - Mul JSE Built-up Fishpor	nicipality 🖈 ★ Capital City / City angay 💿 • Capital Town / Town nd
Secondary — Mun Tertiary — Bara	nicipality 😿 ★ Capital City / City angay 💿 • Capital Town / Town
Secondary Tertiary JSE Built-up ING SHEETS	nicipality (* Capital City / City angay (* Capital Town / Town nd Mangrove INDEX MAP
Secondary Tertiary Mul Bara <i>ISE</i> Built-up Fishpor ING SHEETS 4017-I 4117-IV 4017-II 4117-IV	nicipality (* Capital City / City angay (* Capital Town / Town nd (* Mangrove) INDEX MAP
Secondary Tertiary Bara <i>ISE</i> Built-up Fishpor ING SHEETS 4017-I 4117-IV	nicipality (* Capital City / City angay (* Capital Town / Town nd (* Mangrove) INDEX MAP
Secondary Tertiary Mut Bara ISE Built-up Fishpor ING SHEETS 4017-I 4017-I 4017-I 4117-IV 4017-I 4117-IV 4017-I 4117-IV 4116-IV 50F INFORMATION : Topographic info 00 scale. Land resources information fro n Division (ALMED), Soils Survey Divisio Rice areas obtained from the Land Use on System (PRISM) (IRRI, 2015). Data an	nicipality
Secondary Tertiary Mut Bara <i>ISE</i> Built-up Fishpor ING SHEETS 4017-I 4017-I 4117-IV 4017-II 4117-IV 4017-II 4117-IV 4017-II 4117-IV 4116-IV 50F INFORMATION : Topographic info 00 scale. Land resources information fro n Division (ALMED), Soils Survey Divisio Rice areas obtained from the Land Use on System (PRISM) (IRRI, 2015). Data are Straulution and Suitability Assesses Ities Project implemented by BSWM (eader : BERNARDO B. PASCU/ Cartography : IRVIN K. SAMALCA Agency : Department of Agrid titing Agencies : Philippine Council of Cartography : IRVIN K. SAMALCA Agency : Department of Agrid titing Agencies : Philippine Council of Cartography : IRVIN K. SAMALCA	nicipality A Capital City / City angay Capital Town / Town Mangrove INDEX MAP INDEX
Secondary Tertiary	nicipality $ eliterio eli$
Secondary Tertiary	nicipality A Capital City / City angay A Capital Town / Town nd A Compared to the second of the seco
Secondary Tertiary	nicipality $(R) (R) (R) (R) (R) (R) (R) (R) (R) (R) $



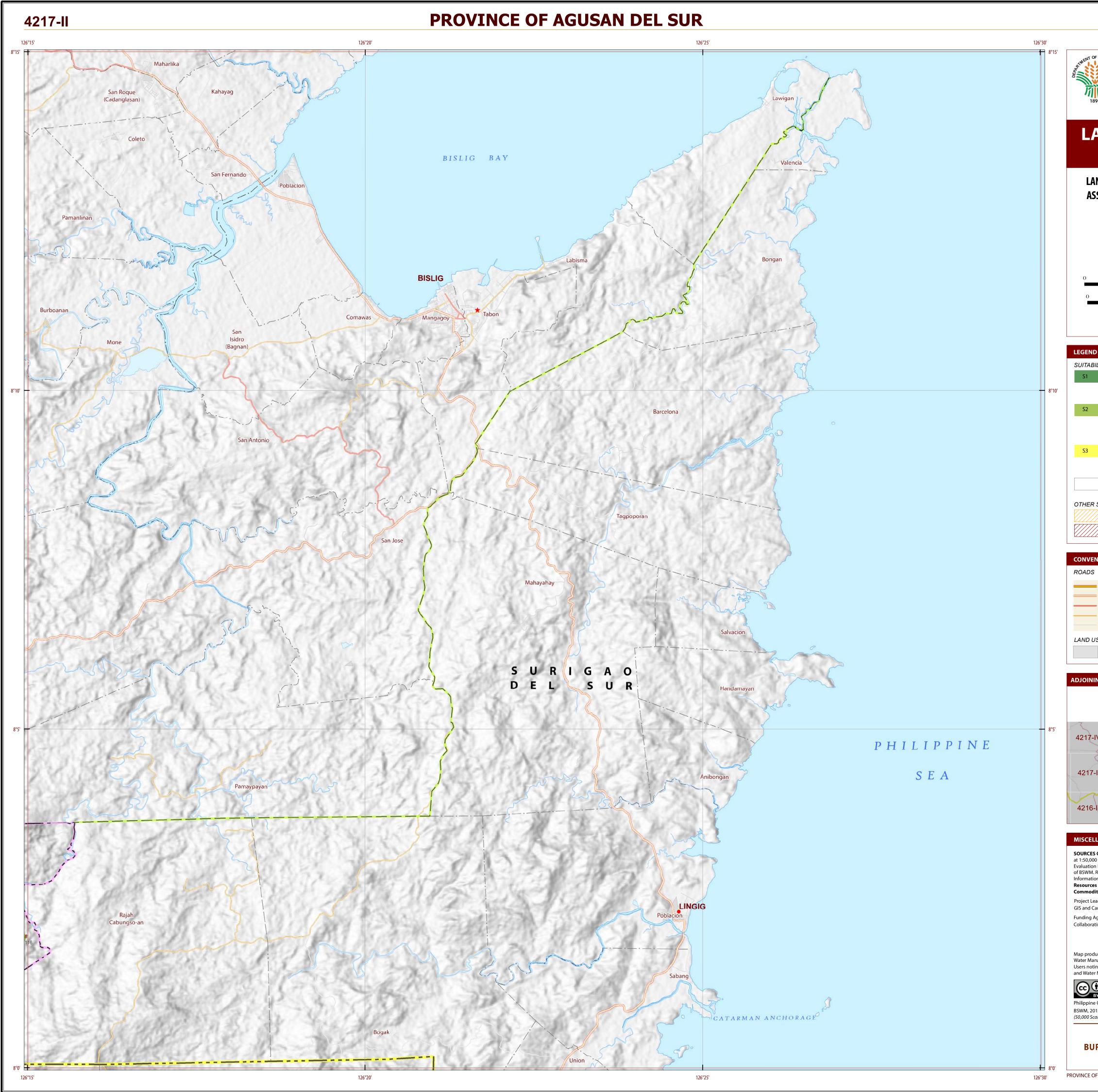
		Pa	gatpata	
S998	A RUNCONT OF AGA CL	ALL RANGE	1898	MTURE
	UITAB CASSA		ΥΜΑΡ	
	CES EVALUATIO			
	w - v	►E		
0.5 1	SCALE 1:50) 000 3	4 5	
0.5	Kilometers	2	3	
	Miles ansverse Mercator Zone : All political boundarie			
D				
application of a	roductivity or benefi	inor limitatic	ons that will not signifi-	
moderately sev will reduce proc extent that the	ere for sustained app ductivity or benefits a overall advantage to	olication of a and increase be gained fr	which in aggregate are given use; the limitatio required inputs to the om the use, although s ected on class S1 land.	till
severe for susta	ined application of a s, or increase require justified.	given use ar	hich in aggregate are ad will so reduce produ t this expenditure will b	
SIGNS NGP Areas Cacao	Land lin Land us	nitation e		
NTIONAL SIGNS				
E Expressway Trunk line Primary	BOUNDARY Region Province District	HYDR	OLOGY Sea / Shoreline Lakes / Rivers	
Secondary Tertiary	Municipa	· · ·	Capital City / City Capital Town / Town	
Built-up	Fishpond		Mangrove	
ING SHEETS			INDEX MAP	
4117-				
-I 4117-IV	4117-1		and a start	
4117-11	4117-11	A. A.	Contraction of the second s	
4116-IV	y 4116-I	10 2		V O
LANEOUS INFO		on taken from I	NAMRIA Topographic Map)
n Division (ALMED), So Rice areas obtained f on System (PRISM) (IR Se Evaluation and Su i	rom the Land Use Syste RI, 2015). Data analysis	D) and Laborat m (FAO, 2015) and compilatio	ory Services Division (LSD) and Philippine Rice	
Cartography : IRVII	NARDO B. PASCUA N K. SAMALCA	D		A D)
iting Agencies : Phil : Dep Agr : Loc	lippine Council on Agric partment of Agriculture riculture Regional Field ral Government Unit (LG	culture and Fisl and Fisheries Office of Regio GU) of covered	yricultural Research (DA-B/ neries (PCAF) - ARMM, Department of n IX, X, XI, XII and XIII (Cara provinces and municipalit vision, Bureau of Soils and	aga) ies
nagement (BSWM).			nform the Bureau of Soils	
BY NC SA Inter Inter Inter Inter	national License. Unles: lectual property rights, ublication should be att ap Series for Cassava of t	s otherwise no in this publica ributed as :	·	
R E P U DEPAR REAU OF SC SRDC Bldg., Elliptica	BLIC OF THE PH TMENT OF AG DILS AND WA I Road Cor. Visayas Avenu	RICULTU TER MAI e, Diliman, Que	RE NAGEMENT zon City 1101	-
Tel/Fax No. : (+63	32) 332-9534 E-mail : <i>bsw</i>		ahoo.com 5 of 21 Sheet No. 411	7-111



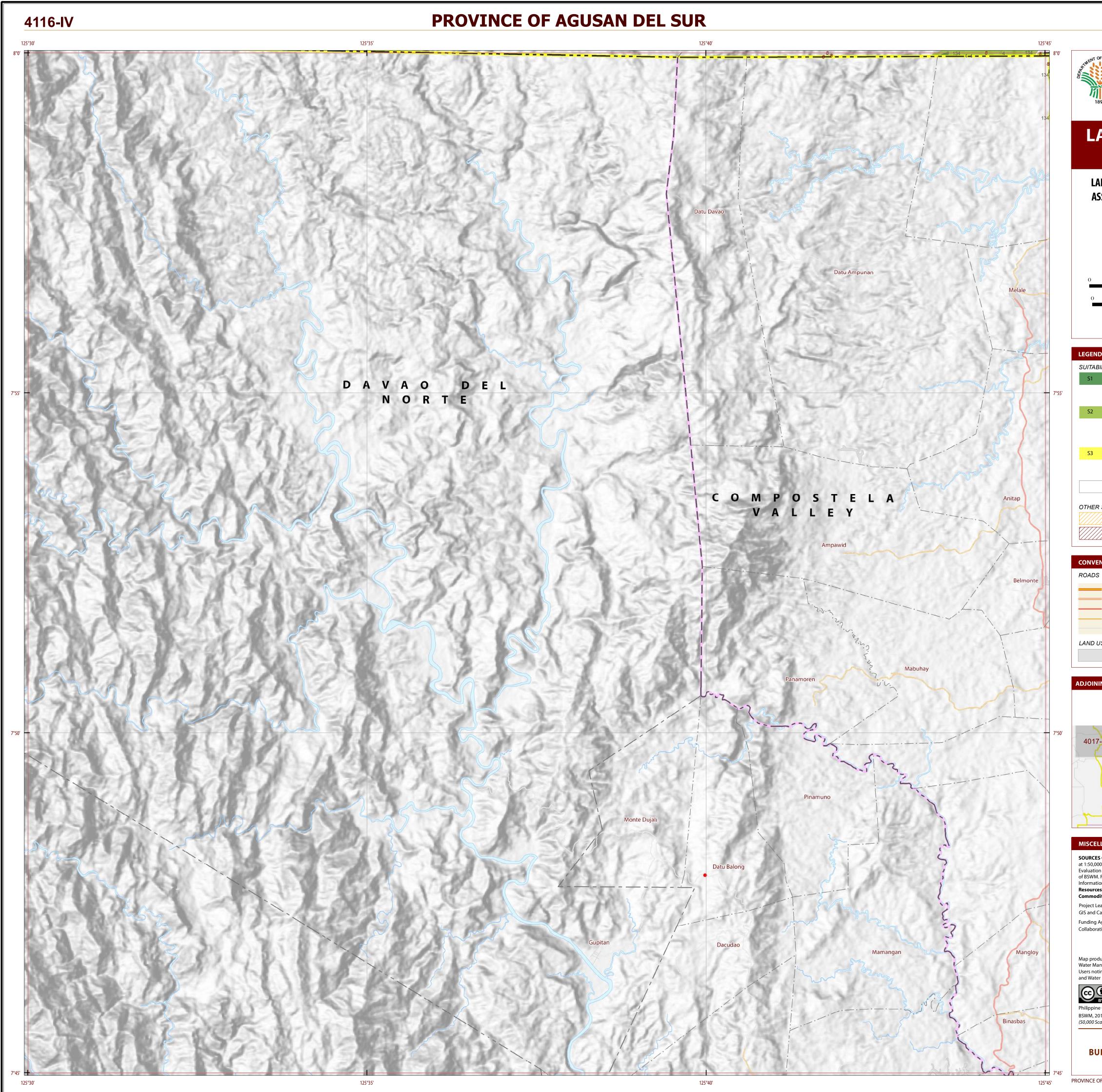
			Veruela
PAGR COLUMN R	or a state of the	RACULTURAL INSIDE	1898
	UITAB CASSA		ΥΜΑΡ
	CES EVALUATIO		
	w - w - s	►E	
0.5 1	SCALE 1:50 2 Kilometers) 000 3 2	4 5
	Miles Insverse Mercator Zone All political boundarie		
application of a	e - Land having no sig given use, or only m roductivity or benefit	inor limitatic	ons that will not signifi-
an acceptable le Moderately Su moderately seve will reduce proc extent that the	evel. itable - Land having ere for sustained app luctivity or benefits a overall advantage to	limitations v lication of a and increase be gained fr	which in aggregate are given use; the limitations required inputs to the om the use, although still
Marginally Suit severe for sustai tivity or benefits only marginally	table - Land having l ined application of a s, or increase required justified.	imitations w given use ar	ected on class S1 land. hich in aggregate are nd will so reduce produc- t this expenditure will be
Not Suitable/ N SIGNS NGP Areas Cacao	Land lin Land us		
NTIONAL SIGNS			
Expressway Trunk line Primary Secondary Tertiary	BOUNDARY Region Province District Municipal Barangay	PLACE	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
ISE Built-up	Fishpond		Mangrove
ING SHEETS			INDEX MAP
4117-	4217-IV		La
-111 4117-11	4217-111	Å	
-IV 4116-I	4216-IV	.M.	and the second s
		an takan from l	NAMRIA Topographic Map
0 scale. Land resource n Division (ALMED), So Rice areas obtained fi on System (PRISM) (IRI es Evaluation and Sui lities Project impleme eader : BERN	es information from the bils Survey Division (SSD rom the Land Use System RI, 2015). Data analysis a	Agricultural La)) and Laborat m (FAO, 2015) and compilatic	and Management and ory Services Division (LSD) and Philippine Rice
ting Agencies : Phil : Dep Agr : Loc	ippine Council on Agric partment of Agriculture iculture Regional Field (al Government Unit (LG	ulture and Fisl and Fisheries Office of Regio U) of covered	pricultural Research (DA-BAR) heries (PCAF) - ARMM, Department of n IX, X, XI, XII and XIII (Caraga) provinces and municipalities vision, Bureau of Soils and
ing errors or omission r Management.			inform the Bureau of Soils
by NC SA e Government. This pu D19. Land Suitability Ma ale) . CC BY NC SA 4.0.	national License. Unless lectual property rights, i iblication should be attr ap Series for Cassava of t	otherwise no in this publicat ibuted as : he PROVINCE C	ted, copyright and any other tion is owned by the DF AGUSAN DEL SUR
DEPAR REAU OF SC SRDC Bldg., Elliptical	BLIC OF THE PH TMENT OF AG DILS AND WAT Road Cor. Visayas Avenue (2) 332-9534 E-mail: bsw/	RICULTU FER MAI	RE NAGEMENT zon City 1101
OF AGUSAN DEL SUR		Sheet 1	6 of 21 Sheet No. 4117-II



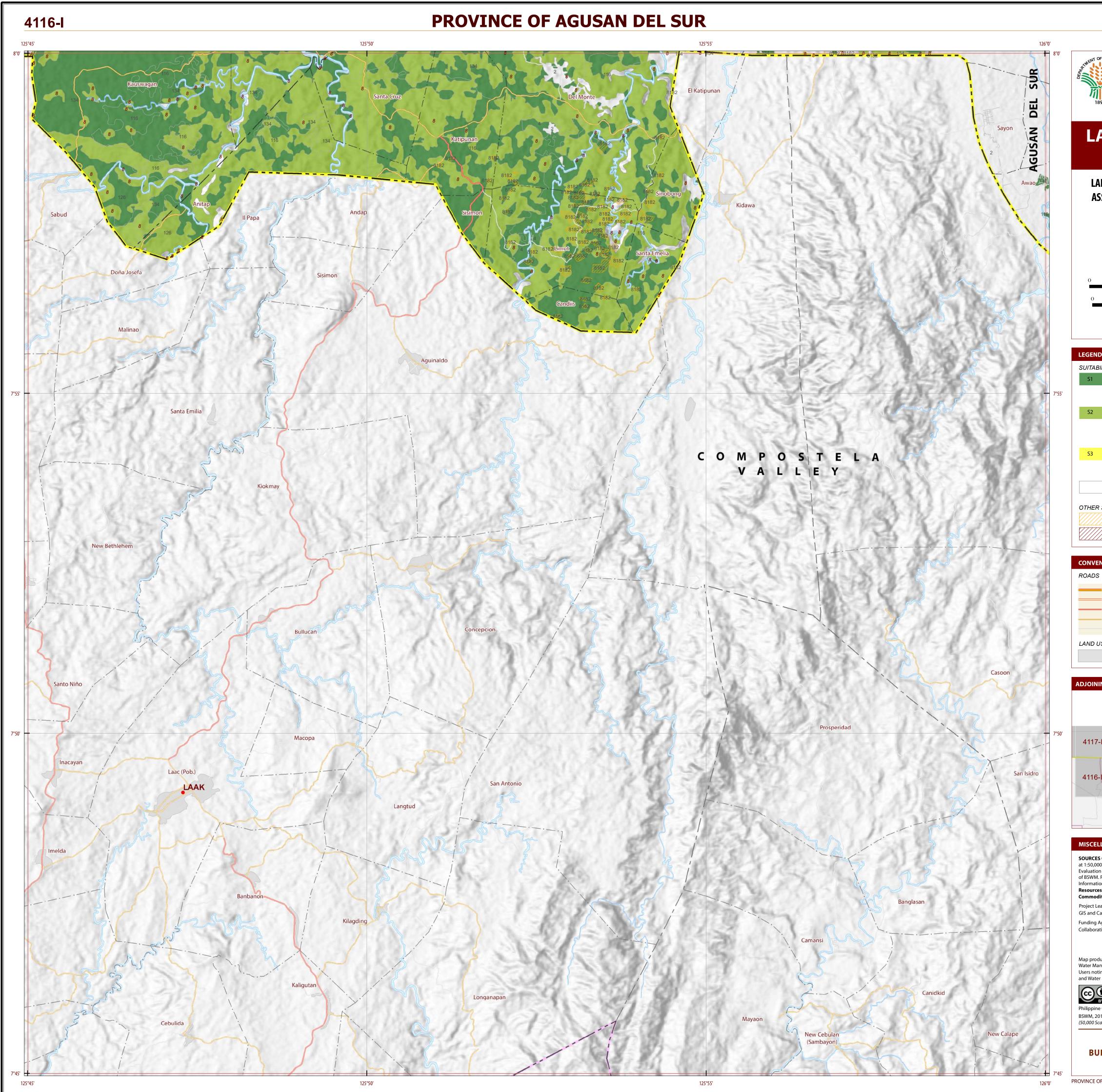
		S	an Isid	
B98	A CHARACTER A CARLON	CRICULTURAL INSU	1898	CULTURE
AND S	UITAB CASSA		Y MAP	
ND RESOURC				
	W-	FE		
0.5 1	SCALE 1:50	3	4 5	
	Miles Sverse Mercator Zone	2 2 2 51 N. PRS 1992		
D				
 application of a g cantly reduce pro an acceptable level Moderately Suit moderately sevel will reduce produce extent that the o attractive, will be Marginally Suita severe for sustain 	given use, or only m oductivity or benefit vel. able - Land having re for sustained app uctivity or benefits verall advantage to e appreciably inferio able - Land having ned application of a or increase require ustified.	inor limitatio its and will no plication of a plication of a be gained fro or to that expo limitations who given use an	tations to sustained ns that will not sign t raise inputs above which in aggregate a given use; the limita required inputs to th om the use, althoug ected on class S1 lar hich in aggregate ar d will so reduce pro this expenditure w	ifi- re tions ne h still nd. e duc-
SIGNS NGP Areas Cacao	Land lin Land us	nitation Se		
NTIONAL SIGNS	OUNDARY	HYDR	OLOGY	
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipa Barangay	PLACE Nity € ★ 0 •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / To	
Built-up	Fishpond	ELI	Mangrove	
ING SHEETS 4217-IV -I 4217-IV -II 4217-III 5-I 4216-IV	4217-11		INDEX MAP	
LANEOUS INFOR	MATION			
5 OF INFORMATION : To 00 scale. Land resources n Division (ALMED), Soi . Rice areas obtained fro on System (PRISM) (IRR es Evaluation and Suit lities Project implement eader : BERN/ Cartography : IRVIN Agency : Depa titing Agencies : Philip : Depa Agric	opographic informatio information from the Is Survey Division (SSI om the Land Use Syste I, 2015). Data analysis ability Assessment o nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture opine Council on Agric artment of Agriculture culture Regional Field I Government Unit (LC	Agricultural La D) and Laborato em (FAO, 2015) and compilatio f Strategic Pro e - Bureau of Ag culture and Fish e and Fisheries - Office of Regio GU) of covered	nd Management and bry Services Division (L and Philippine Rice n through the Land duction Areas for Ma ricultural Research (DA eries (PCAF) ARMM, Department of n IX, X, XI, XII and XIII (C provinces and municip	SD) jor A-BAR) If Caraga) alities
inagement (BSWM). ing errors or omissions r Management.				
Intern	ational License. Unles octual property rights, plication should be att	s otherwise not in this publicat ributed as :	·	
DEPART REAU OF SO SRDC Bldg., Elliptical Tel/Fax No. : (+632	ILIC OF THE PH MENT OF AG ILS AND WA Road Cor. Visayas Avenu) 332-9534 E-mail: bsw	RICULTU TER MAN ue, Diliman, Quez ymclientcenter@yc	RE NAGEMENT on City 1101 hoo.com	
OF AGUSAN DEL SUR		Sheet 17	7 of 21 Sheet No. 4	217-III



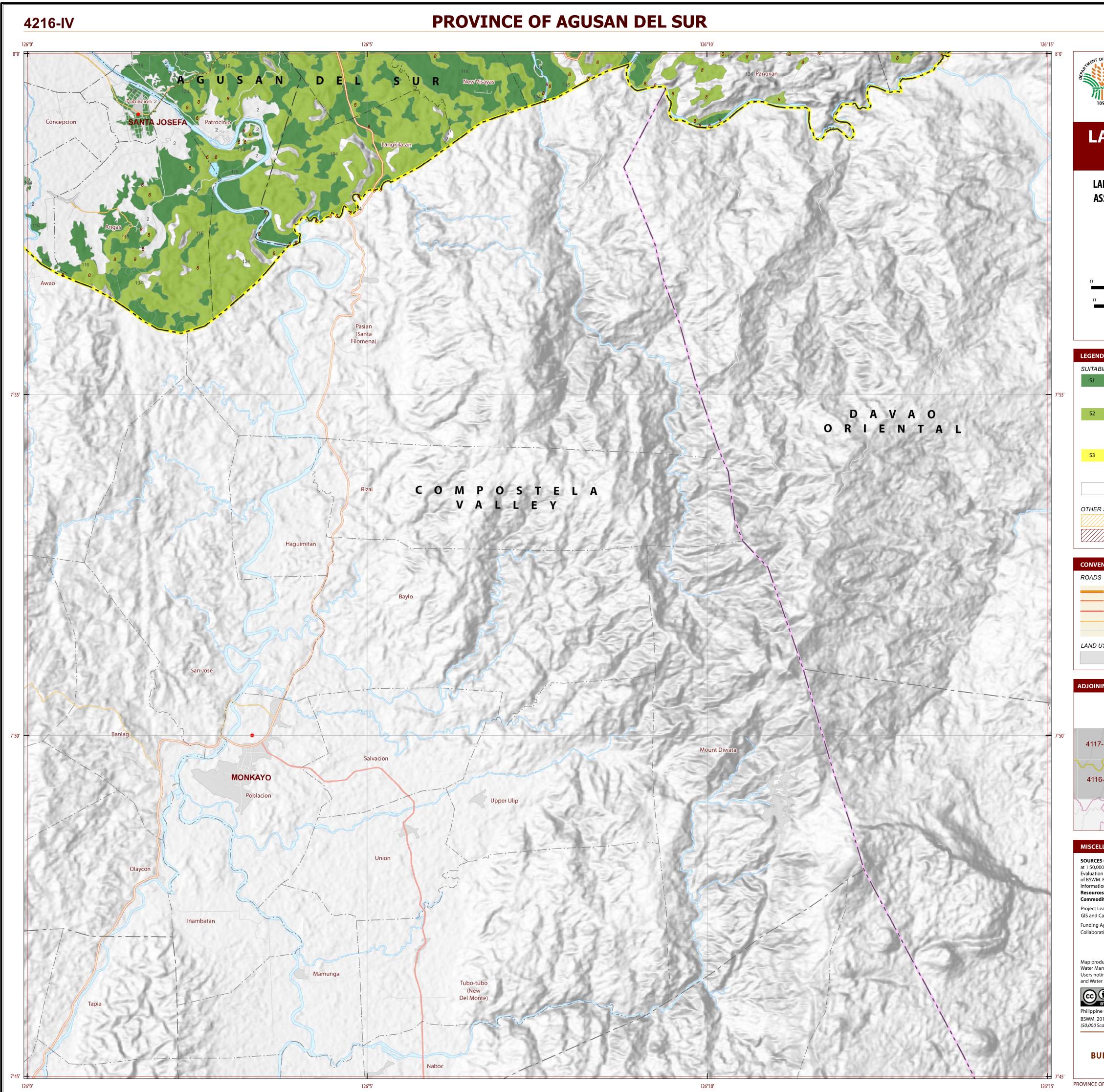
		Lingig
B98	Burney of AGRICULTURY	1898
	UITABIL CASSAV	ITY MAP A
	ES EVALUATION A F STRATEGIC PRO	
	W S E	0
0.5 1	SCALE 1:50 00 2 3 Kilometers 1 2	4 5
	Miles nsverse Mercator Zone 51 N. P All political boundaries are n	
D		
application of a	given use, or only minor lin oductivity or benefits and	nt limitations to sustained mitations that will not signifi- will not raise inputs above
moderately seve will reduce prod extent that the c attractive, will be	ere for sustained application uctivity or benefits and indeverall advantage to be ga e appreciably inferior to the	tions which in aggregate are on of a given use; the limitations crease required inputs to the ined from the use, although still at expected on class S1 land.
severe for sustai	ned application of a given , or increase required inpu justified.	ions which in aggregate are use and will so reduce produc- its, that this expenditure will be
SIGNS NGP Areas Cacao	Land limitatio	n
NTIONAL SIGNS		
Expressway Trunk line Primary	Region Province	HYDROLOGY Sea / Shoreline Lakes / Rivers
Secondary Tertiary	— – Municipality (— • — Barangay (Capital City / City Capital Town / Town
Built-up	Fishpond	Mangrove
ING SHEETS		INDEX MAP
4217-		A CA
		A CONTRACT
III 4217-II	and and	
-E	J. J. R. S.	
-IV	J. J. A.	
LANEOUS INFOR COF INFORMATION : T O scale. Land resources in Division (ALMED), So Rice areas obtained fro on System (PRISM) (IRR es Evaluation and Suit lities Project impleme eader : BERN. Cartography : IRVIN Agency : Dep ting Agencies : Phili	Topographic information takes is information from the Agricul ils Survey Division (SSD) and L om the Land Use System (FAO RJ, 2015). Data analysis and con sability Assessment of Strate nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - Burea ppine Council on Agriculture -	Laboratory Services Division (LSD) (2015) and Philippine Rice mpilation through the Land Egic Production Areas for Major au of Agricultural Research (DA-BAR)
IV IV IV IV IV IV IV IV IV IV	Topographic information takes is information from the Agricul ils Survey Division (SSD) and L om the Land Use System (FAO RJ, 2015). Data analysis and cor rability Assessment of Strate nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - Burea ppine Council on Agriculture a artment of Agriculture and Fis culture Regional Field Office o al Government Unit (LGU) of co s and Soil Information Techno	Itural Land Management and Laboratory Services Division (LSD) (2015) and Philippine Rice mpilation through the Land egic Production Areas for Major au of Agricultural Research (DA-BAR) and Fisheries (PCAF)
LANEOUS INFOR OF INFORMATION : T O scale. Land resources n Division (ALMED), So Rice areas obtained fro on System (PRISM) (IRR es Evaluation and Suit lities Project impleme eader : BERN. Cartography : IRVIN Agency : Dep ting Agencies : Phili : Dep Agri : Loca Muced by the Geomatic nagement (BSWM). ing errors or omissions r Management. This p Interr intelle e Government. This pul	Topographic information takes is information from the Agricul ils Survey Division (SSD) and L om the Land Use System (FAO R) 2015). Data analysis and con sability Assessment of Strate nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - Burea ppine Council on Agriculture and Fis culture Regional Field Office of a Government Unit (LGU) of co s and Soil Information Technol s in this publication are reques publication is licensed under a national License. Unless other ectual property rights, in this p blication should be attributed	Itural Land Management and Laboratory Services Division (LSD) (2015) and Philippine Rice mpilation through the Land agic Production Areas for Major au of Agricultural Research (DA-BAR) and Fisheries (PCAF) sheries - ARMM, Department of of Region IX, X, XI, XII and XIII (Caraga) overed provinces and municipalities plogy Division, Bureau of Soils and sted to inform the Bureau of Soils Creative Commons Attribution 4.0 wise noted, copyright and any other publication is owned by the as :
LANEOUS INFOR OF INFORMATION : T 0 scale. Land resources n Division (ALMED), So Rice areas obtained fr on System (PRISM) (IRR se Evaluation and Suite lities Project impleme eader : BERN Cartography : IRVIN Agency : Dep ting Agencies : Phili : Doca Muced by the Geomatic nagement (BSWM). ing errors or omissions r Management. Divisions r Management. This punct by NC SA	Topographic information takes is information from the Agricul ils Survey Division (SSD) and L om the Land Use System (FAO RJ, 2015). Data analysis and con sability Assessment of Strate nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - Burea ppine Council on Agriculture and Fis culture Regional Field Office of a Government Unit (LGU) of co s and Soil Information Techno is in this publication are reques bublication is licensed under a national License. Unless other ectual property rights, in this p blication should be attributed of <i>Series for Cassava of the PRO</i>	Itural Land Management and Laboratory Services Division (LSD) (2015) and Philippine Rice mpilation through the Land agic Production Areas for Major and of Agricultural Research (DA-BAR) and Fisheries (PCAF) sheries - ARMM, Department of of Region IX, X, XI, XII and XIII (Caraga) overed provinces and municipalities blogy Division, Bureau of Soils and sted to inform the Bureau of Soils Creative Commons Attribution 4.0 wise noted, copyright and any other publication is owned by the las : <i>VINCE OF AGUSAN DEL SUR</i>
LANEOUS INFOR S OF INFORMATION : T 0 scale. Land resources n Division (ALMED), So Rice areas obtained fro on System (PRISM) (IRR is Evaluation and Suite lities Project impleme eader : BERN Cartography : IRVIN Agency : Dep ting Agencies : Phili : Dep Agri : Loca luced by the Geomatic nagement (BSWM). ing errors or omissions r Management. Management. In s pi niterrors r Management. In s pu adal (BSWM). ing errors or omissions r Management. Management. In s pu http: adal (BSWM). ing errors or omissions r Management. In s pu http: to Epu R adal (BSWM). In s pu http: construction (BSWM). In s pu http: construction (BSWM). (BBC BIdg,, Elliptical	Topographic information takes is information from the Agricul ils Survey Division (SSD) and L om the Land Use System (FAO R) 2015). Data analysis and con sability Assessment of Strate nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture - Burea ppine Council on Agriculture and Fis culture Regional Field Office of a Government Unit (LGU) of co s and Soil Information Technol s in this publication are reques publication is licensed under a national License. Unless other ectual property rights, in this p blication should be attributed	Itural Land Management and Laboratory Services Division (LSD) (2015) and Philippine Rice mpilation through the Land egic Production Areas for Major and Fisheries (PCAF) sheries - ARMM, Department of of Region IX, X, XI, XII and XIII (Caraga) overed provinces and municipalities ology Division, Bureau of Soils and sted to inform the Bureau of Soils Creative Commons Attribution 4.0 wise noted, copyright and any other publication is owned by the as : <i>VINCE OF AGUSAN DEL SUR</i> PINES JLTURE MANAGEMENT an, Quezon City 1101



		ł	Kapalong
F AGRICULTURE	and the entropy of Agriculture	CHICULTURAL INST	1898
AND S	UITAB CASSA		Y MAP
	CES EVALUATI OF STRATEGIC		
	w-	FE	
0.5 1	SCALE 1:50	3	4 5
	Miles ransverse Mercator Zone 2 : All political boundario		
application of		ninor limitatio	ns that will not signifi-
an acceptable Moderately Se moderately se will reduce pro	uitable - Land having vere for sustained app oductivity or benefits	limitations wolication of a gand increase	t raise inputs above which in aggregate are given use; the limitations required inputs to the om the use, although still
attractive, will Marginally Su severe for susta	be appreciably inferic itable - Land having ained application of a ts, or increase require y justified.	or to that expo limitations wl given use an	ected on class S1 land.
SIGNS NGP Areas Cacao	116 Land lin	nitation Se	
NTIONAL SIGNS	5		
 Expressway Trunk line Primary Secondary Tertiary 	BOUNDARY Region Province District Municipa Barangay	PLACE	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
JSE Built-up	Fishpond		Mangrove
1NG SHEETS 4116-	IV		INDEX MAP
-11 4117-11	II 4117-II		Contraction of the second
4116-1	V 4116-I	NR .	
LANEOUS INFO	PRMATION	1	
0 scale. Land resourd n Division (ALMED), S Rice areas obtained on System (PRISM) (II ss Evaluation and Su lities Project implem	ces information from the Soils Survey Division (SSI from the Land Use Syste RRI, 2015). Data analysis	Agricultural La D) and Laborato m (FAO, 2015) and and compilatio f Strategic Pro	ory Services Division (LSD) and Philippine Rice
Agency : De ting Agencies : Ph : De Ag : Lo	ilippine Council on Agrid epartment of Agriculture griculture Regional Field scal Government Unit (LC	culture and Fish and Fisheries - Office of Regio GU) of covered	
ing errors or omissio r Management. This by NC SA Government. This p	s publication is licensed	under a Creativ s otherwise no in this publicat ributed as :	
REAU OF S		IILIPPINE RICULTU TER MAN	s RE NAGEMENT
	632) 332-9534 E-mail : <i>bsw</i>		hoo.com



Mount Olagusan	_
AGRICULTURE DE AGRICU	
AND SUITABILITY MAP CASSAVA	
ND RESOURCES EVALUATION AND SUITABILITY SESSMENT OF STRATEGIC PRODUCTION AREAS	
W - E	
SCALE 1:50 000 0.5 1 2 3 4 5	
Kilometers 0.5 1 2 3	
Miles Universal Transverse Mercator Zone 51 N. PRS 1992 Datum DISCLAIMER : All political boundaries are not authoritative.	
LITY CLASSES Highly Suitable - Land having no significant limitations to sustained application of a given use, or only minor limitations that will not signifi- cantly reduce productivity or benefits and will not raise inputs above an acceptable level. Moderately Suitable - Land having limitations which in aggregate are	
 moderately severe for sustained application of a given use; the limitations will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably inferior to that expected on class S1 land. Marginally Suitable - Land having limitations which in aggregate are severe for sustained application of a given use and will so reduce productive. 	
tivity or benefits, or increase required inputs, that this expenditure will be only marginally justified. Not Suitable/ Not Relevant	
SIGNS NGP Areas Land limitation Cacao	
ITIONAL SIGNS	_
BOUNDARY HYDROLOGY	
BOUNDARY HYDROLOGY Expressway Region Trunk line Province District BLACES	
Expressway Region Sea / Shoreline Trunk line Province Lakes / Rivers Primary District PLACES Secondary Municipality * Capital City / City Tertiary Barangay • Capital Town / Town	
Expressway Region Sea / Shoreline Trunk line Province Lakes / Rivers Primary District PLACES Secondary Municipality Total City / City	
Expressway Trunk line Primary Secondary Tertiary Region Province District Municipality Barangay \bigcirc Sea / Shoreline Lakes / Rivers PLACES \bigstar Capital City / City \bigcirc Capital Town / Town SE	
Expressway Region Trunk line Province Primary District Secondary Places Tertiary Image: Compute the second seco	
Expressway Trunk line Primary Secondary Tertiary Built-up Fishpond Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Fishpond Secondary Secondary <	
Expressway Region Trunk line Province Primary District Secondary PlaCES Tertiary Municipality Barangay Capital City / City Barangay Capital Town / Town SE Fishpond Stetest Nuncy Municipality Mangrove	
Expressway Trunk line Primary Secondary Tertiary Built-up Fishpond Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Fishpond Secondary Secondary <	
Expressway Trunk line Primary Secondary Tertiary Built-up Fishpond Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Built-up Fishpond Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Tertiary Secondary Fishpond Secondary Secondary <	
Expressway Trunk line Primary Secondary Tertiary District District District Municipality Tertiary District District District PLACES Municipality Tertiary District District District PLACES Municipality Tertiary District District PLACES Municipality Tertiary Capital City / City Built-up Fishpond Magrove Note the state of the st	
Expressway Region Province Pirmary Secondary District PlacES Municipality Places Built-up Fishpond (approximation from the second from the seco	
Expressway Tunk line Primary Secondary Tertiary Secondary Built-up Fishpond Secondary Tunk line Secondary Built-up Fishpond Secondary Tunk line Secondary Secondary Built-up Fishpond Secondary Secondary<	
Expressively Trunk line Region Province Sea / Shoreline Lakes / Rivers Primary Secondary Trutk line District PLACES Secondary Trutk Municipality Image: Capital City / City Built-up Fishpond Image: Capital Town / Town Secondary Autor / Autor Image: Capital City / City Manage: Capital City / City Autor Image: Capital City / City Autor Autor Image: Capital City / City Manage: Capital City / City Autor Image: Capital City / City Manage: Capital City / City Autor Image: Capital City / City Manage: Capital City / City Image: Capital City / City Image: Capital City / City Manage: Capital City / City	
Expressively Trunk line Region Province Sea / Shoreline Lakes / Rivers Primary Secondary Trutk line District PLACES Secondary Trutk Municipality Image: Capital City / City Built-up Fishpond Image: Capital City / City Built-up Fishpond Image: Capital City / City Start Numicipality Image: Capital City / City Start Fishpond Image: Capital City / City Start Numicipality Image: Capital City / City Start Start Start Image: Capital City / City Start Start Start Start Start Start Start Start Start Start Start Start<	
<complex-block> Expression Region Sold Sold Sold Sold Sold Sold Sold Sold</complex-block>	



		Ja	guimitan
F AGRICULUM 1998	A CHINENT OF AGRICU	CRICULTURAL INSIDE	1898
	UITAB CASSA		ΥΜΑΡ
ND RESOURC SSESSMENT O			•••••
	w- s SCALE 1:50	FE	
0.5 1	2 Kilometers	3	4 5
	1 Miles nsverse Mercator Zone All political boundarie		
D			
application of a g	given use, or only m oductivity or benefi	inor limitatio	tations to sustained ns that will not signifi- t raise inputs above
moderately seve will reduce prod extent that the o	re for sustained app uctivity or benefits a werall advantage to	blication of a g and increase be gained fro	/hich in aggregate are given use; the limitations required inputs to the om the use, although still ected on class S1 land.
severe for sustail	ned application of a , or increase require ustified.	given use an	hich in aggregate are d will so reduce produc- t this expenditure will be
SIGNS NGP Areas Cacao	Land lin Land us	nitation Se	
NTIONAL SIGNS			
 Expressway Trunk line Primary 	OUNDARY Region Province District	PLACE	OLOGY Sea / Shoreline Lakes / Rivers
Secondary – Tertiary –	Municipa Barangay		Capital City / City Capital Town / Town
Built-up	Fishpond		Mangrove
ING SHEETS			INDEX MAP
4216-I	178		
-II 4217-III	4217-11		
		Res	A A A A A A A A A A A A A A A A A A A
	F	5.1	59-
0 scale. Land resources n Division (ALMED), So Rice areas obtained fro on System (PRISM) (IRR s Evaluation and Suit lities Project impleme eader : BERN, Cartography : IRVIN	opographic informatic information from the ils Survey Division (SSE om the Land Use Syste I, 2015). Data analysis ability Assessment o nted by BSWM (2017). ARDO B. PASCUA K. SAMALCA artment of Agriculture	Agricultural La D) and Laborato m (FAO, 2015) ; and compilatio f Strategic Pro	ory Services Division (LSD) and Philippine Rice on through the Land o duction Areas for Major ricultural Research (DA-BAR)
Agri : Loca luced by the Geomatic nagement (BSWM).	culture Regional Field I Government Unit (LG s and Soil Information	Office of Regio GU) of covered Technology Di [,]	• ARMM, Department of n IX, X, XI, XII and XIII (Caraga) provinces and municipalities vision, Bureau of Soils and nform the Bureau of Soils
r Management. DSO Interr	ublication is licensed u national License. Unless ectual property rights,	under a Creativ s otherwise no in this publicat	e Commons Attribution 4.0 ted, copyright and any other
)19. Land Suitability Ma ale) . CC BY NC SA 4.0.	p Series for Cassava of t	the PROVINCE C	
DEPART REAU OF SO SRDC Bldg., Elliptical	BLIC OF THE PH TMENT OF AG ILS AND WA Road Cor. Visayas Avenu 2) 332-9534 E-mail: bsw	RICULTU TER MAN e, Diliman, Quez	RE NAGEMENT zon City 1101
DF AGUSAN DEL SUR		Sheet 21	<i>I of 21</i> Sheet No. 4216-IV