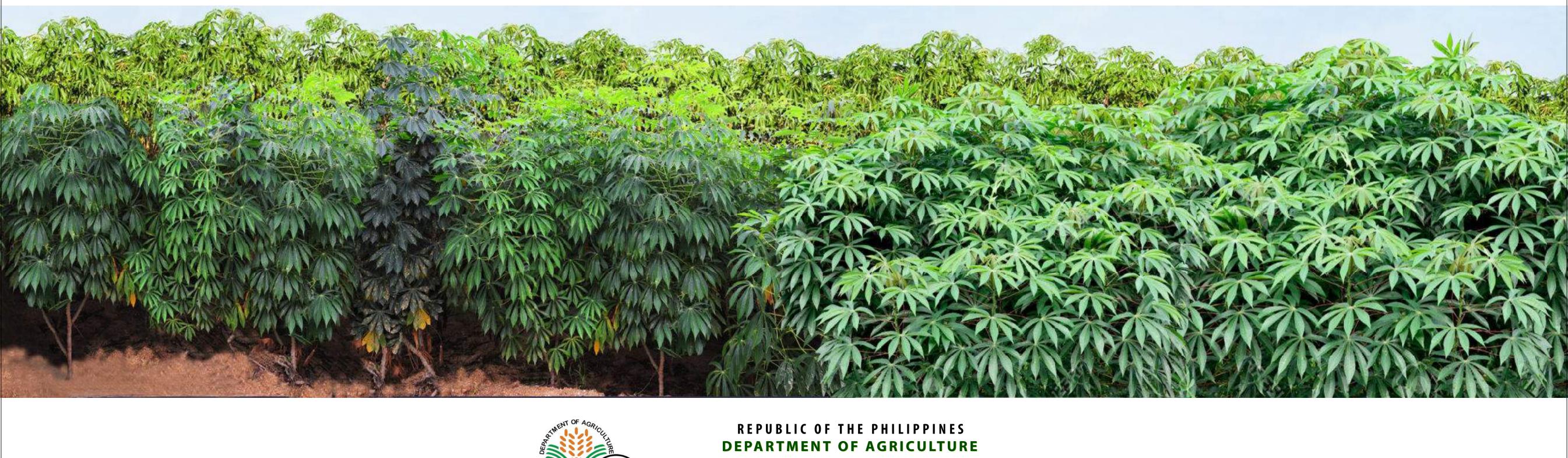


LAND RESOURCES EVALUATION AND SUITABILITY **ASSESSMENT OF STRATEGIC PRODUCTION AREAS**

PROVINCE OF BASILAN



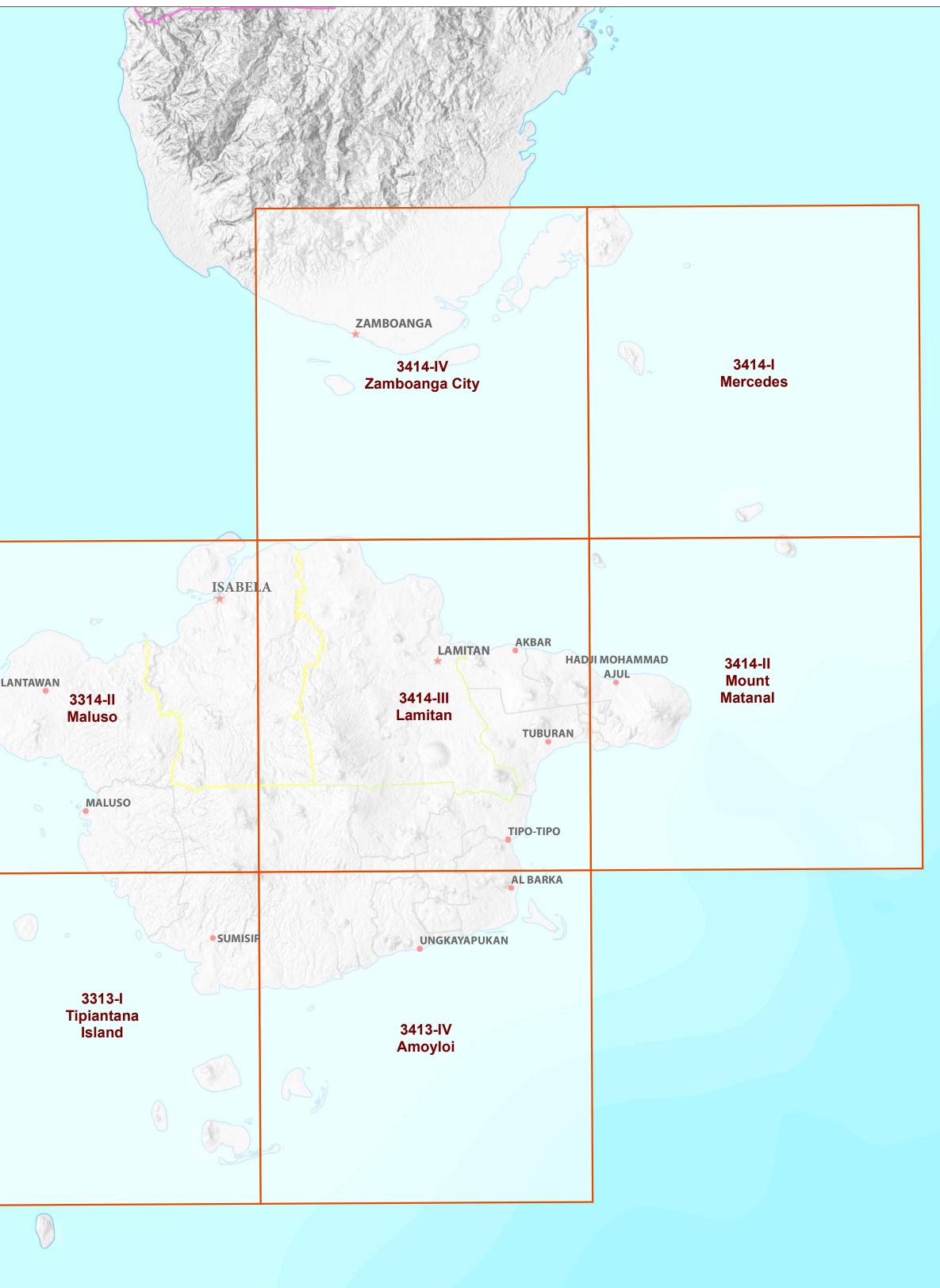
LAND SUITABILITY MAP

CASSAVA



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

MAP INDEX LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS **PROVINCE OF BASILAN** ZAMBOANGA 3314-IV Teinga 3414-I 3414-IV Island **Mercedes** Zamboanga City 3214-I Dassalan 0 Island ISABELA AKBAR HADJI LAMITAN MUHTAMAD HADJI MOHAMMAD 3414-II AJUL Mount LANTAWAN 3414-III Matanal 3314-II **3314-III** Lamitan Pangahasan Maluso TUBURAN MALUSO TIPO-TIPO AL BARKA SUMISII UNGKAYAPUKAN 3313-I Tipiantana 3413-IV Island Amoyloi Agricultural Research (BAR). Tel/Fax No.: (+632) 332-9534 E-mail: bswmclientcenter@yahoo.com





LEGEN	D
Places	
 ★ 	Capital City
۲	City Capital Town
•	Town
Adminis	trative Boundary
	Regional
	Provincial
	City
	Municipal
Map Ind	ex
	Index grid
Topogra	phic Relief
Bathym	etry
LOCAT	ΙΟΝ ΜΑΡ
	4 ° / 1 / 1 / 1 / 1
	the states and the states
	R (1) (1) (1)
	DN SALASSIA
	Branch Branch
	A Composition



LAND SUITABILITY MAP FOR CASSAVA

LAND RESOURCES EVALUATION AND SUITABILITY ASSESSMENT OF STRATEGIC PRODUCTION AREAS **PROVINCE OF BASILAN, ARMM**

EXTENT OF SUITABILITY FOR CASSAVA PRODUCTION BY MUNICIPALITY

						EX	PANSION	AREA (Ha)			CONF	LICT RESC	OLUTION	(Ha)		TOTAL
MUNICIPALITY	EXISTIN	G CASSAV	'A (Ha)	TOTAL EXISTING AREA (Ha)	Сосо	Coconut		land, aged*	Grassl unmana	-	Co	rn	Paddy non-irr	-	Other	crops	POTENTIAL EXPANSION
	S1	S 2	S 3		S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	S1	S2	AREA (Ha)
AKBAR	-	-	-	-	982	1,372	-	-	9	10	-	-	-	-	-	-	2,374
AL-BARKA	-	-	-	-	283	3,033	-	-	5	-	-	-	-	-	-	-	3,320
CITY OF LAMITAN	-	-	-	-	6,581	9,346	-	62	60	22	-	-	-	-	-	-	16,071
HADJI MOHAMMAD AJUL	-	-	-	-	1,575	2,580	-	-	124	33	-	-	-	-	-	-	4,311
HADJI MUHTAMAD	-	-	-	-	-	13	-	-	-	409	-	-	-	-	-	-	422
LANTAWAN	-	-	-	-	3,657	6,815	6	-	30	2	-	-	-	-	-	-	10,511
MALUSO	-	-	-	-	1,538	3,727	5	-	61	6	-	-	-	-	-	-	5,337
SUMISIP	-	-	-	-	1,752	10,921	6	11	-	-	-	-	-	-	-	-	12,689
TABUAN-LASA	-	-	-	-	-	51	-	-	-	272	-	-	-	-	-	-	323
TIPO-TIPO	-	-	-	-	1,133	2,612	-	-	-	-	-	-	-	-	-	-	3,744
TUBURAN	-	-	-	-	1,068	2,004	-	-	-	-	-	-	-	-	-	-	3,073
UNGKAYA PUKAN	-	-	-		382	3,936	-	-	-	-	-	-	-	-	-	-	4,319
Total Area (Ha)	-	-	-		18,951	46,411	17	73	290	753	-	-	-	-	-	-	66,494

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 REACTION (pH)	N FERT		FLOODING CLASS	EROSION CLASS	ROCK OUTCROPS	ELEVATION (masl)	ANNUAL RAINFALL (mm)	CLIMATIC TYPE
	S1	<8	>50	FSL, L, SiL, CL, SiCL, SCL, SC, SiC, C	WD,MWD	5.6 -7.2	hi	gh	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	med	ium	moderate	moderate	common	500-1500	2001-4500	II
	S3	18 - 30	<30	S, LS, CSL	VPD,ED	<5.0 - > 7.9) lo	W	severe	severe	many	>1500	<1000 >4500	
SLOPE (%)			SOIL DRAINA	AGE		SOIL REACT	ГІОN (pH)			SOIL TEXT	URE			
0 - 3 - lev	el to gently sloping	5	ED - e	excessively drained		< 4.5 -	extremely a	cid		Coarse			Fine	
•	ntly sloping to und	ulating	WD - v	vell drained			very strong	-		S	- sand		SC	- sandy clay
	dulating to rolling			noderately well draine	ed		strongly aci				- loamy sand		SiC	· silty clay
	ling to moderately	steep		omewhat poorly drain	led		mediumacio				 coarse sandy loan 	n		· clay
30 - 50 - ste	ep		-	oorly drained			slightly acid				- sandy loam		HC	heavy clay
>50 - ver	y steep		VPD - v	ery poorly drained			neutral			Medium				
						7.3 - 7.8 -	mildly alkali	ine		FSL	- fine sandy loam			
SOIL DEPTH (c	cm)		SURFACE IM	PEDIMENT		7.9 - 8.4 -	moderately	alkaline		L	- loam			
0-30 - ver	y shallow		ROCK OUTCR	OPS		> 8.5 -	strongly alk	aline		SiL	- silt loam			
30 - 50 - sha	llow		<10% - n	ione - few						CL	- clay loam			
50 - 100 - mo	derately deep		10 - 30% - c	ommon						SiCL	- silty clay loam			
>100 - dee	ep to very deep		> 30% - n	nany						SCL	- sandy clay loam			
LAND LIN	AITATION	S DESCRII	PTION AN	D COMBINAT	TIONS									
ELEVATION			SOIL DRAIN	AGE			SOIL DEP	ТН			SOIL EROSION	N		
	00m or 2000 - 250)0m		ewhat poorly drained	to poorly draine	d			moderately deep	(30 - 100cm)		ate erosion		
	or > 2500m			poorly drained or exc					ow (< 30cm)	. ,		erosion		
SLOPE/TOPOG	RAPHY		SOIL TEXTU	JRE			ROCK OU	TCROPS			FLOODING			
T2 - Undulat	ing to moderately	steep	Tc - Coar	se texture				mmon				ate seasonal floodi	•	
T3 - Steep to	very steep						Rc3 - Ma	any			F3 - Severe	e seasonal flooding		

CODE	LIMITATION	CODE	LIMITATION	CODE	LIMITATION
1	El2	11	T2-F3-D2	21	T3-F3-D1
2	F2-D2	12	Т3	22	ТЗ-ЕЗ
3	F2-Tc	13	ТЗ-ЕЗ	23	T3-E3-Sh3-Rc3
4	F3-D2	14	T3-E3-Sh2-Rc2	24	T3-El2-E3-Sh3-Rc3
5	Sh2-Rc2	15	T3-E3-Sh2-Rc3	25	T3-F3-D2
6	T2	16	T3-E3-Sh3-Rc2	26	T3-El3
7	T2-E2-Sh2-Rc2	17	T3-E3-Sh3-Rc3		
8	T2-El2-E3-Sh2-Rc3	18	T3-El2-E3-Sh2-Rc2		
9	T2-El2-Sh2-Rc2	19	T3-El2-E3-Sh2-Rc3		
10	T2-F2-D2	20	T3-El2-E3-Sh3-Rc2		

CODE	LANDUSE
2	Paddy rice, non-irrigated
116	Coconut
126	Grassland
134	Shrubs, unmanaged
137	Rubber



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)

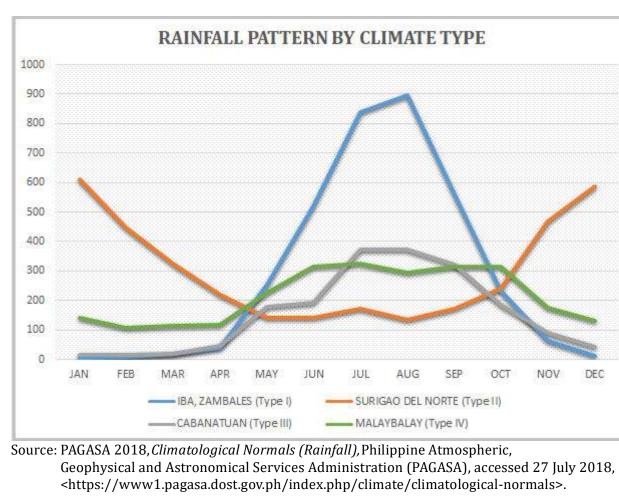
Land having limitation which in aggregate are moderately severe for sustained application of a given use; the limitation will reduce productivity or benefits and increase required inputs to the extent that the overall advantage to be gained from the use, although still attractive, will be appreciably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

- Severe seasonal flooding

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.

The whole part of Basilan is classified as climate Type IV.



Marginally Suitable (S3) 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 Land having limitations which may be surmountable in time but which cannot be corrected with existing knowledge at currently acceptable cost; the limitations are so severe as to preclude successful sustained use of the land in the given manner. Existing forest, shrubland greater than 18% slope, irrigated paddy rice and miscellaneous land types such as built up areas, roads, etc are considered as not relevant.

- period from December to February. There is not a single dry month. Maximum monthly rainfall occurs during the period from March to May.
- **TYPE IV** : Rainfall is more or less evenly distributed throughout the year. This type resembles Type II since it has no dry season.



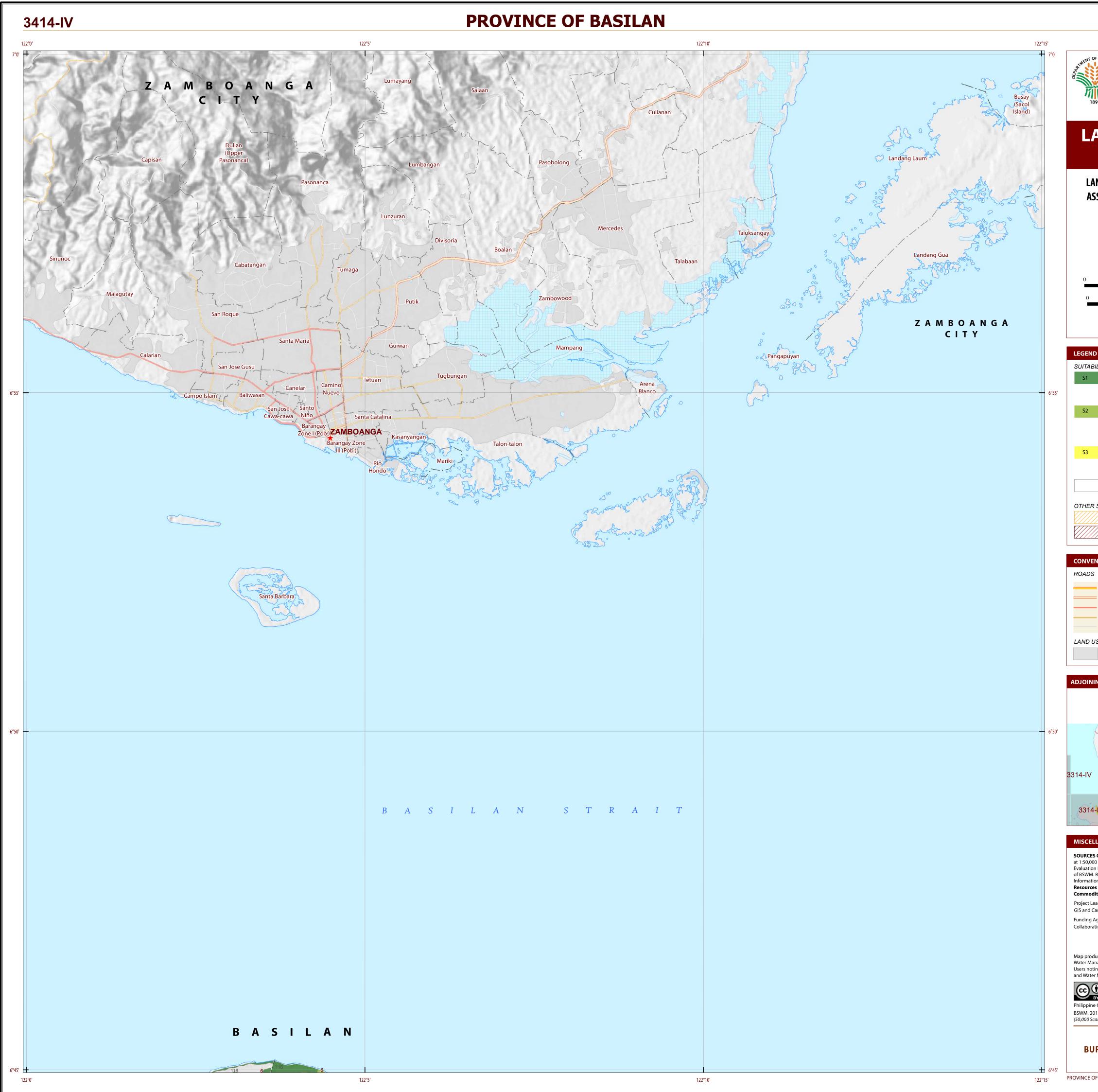
-	3214-I 21°15' 12'	PROVINCE OF BASILAN	21°25' 121°30'
			Taylor of A
6°55' -			6°55' LAN ASS
			LEGEND SUITABILI S1
		S U L U S E A	S2 S3
			6°50'
6°50' -			6°50' CONVENT ROADS
			BASILAN
6°45' -			130 Dasalan 6°45' 6°45' 6°45' MISCELLA Evaluation Di of BSWM. Ric Information S Resources Ex Commodities
			Resources E Commoditie Project Leade GIS and Carto Funding Age Collaborating
			DASSALAN CHANNEL
			Philippine Go BSWM, 2019. (50,000 Scale)
12	121°15' 121	<mark>۰</mark> 20' 12	21°25' PROVINCE OF B

	Dass	alan Island
B98	BERT OF AGRICUTURAL	1898
	UTABILI ASSAVA	TY MAP
	EVALUATION AN STRATEGIC PROD	
	W - E S	
0.5 1	CALE 1:50 000 2 3	4 5
0.5 1	Kilometers 2 Miles	3
	erse Mercator Zone 51 N. PR political boundaries are not	
D		
application of a give	en use, or only minor limi activity or benefits and w	t limitations to sustained tations that will not signifi- ill not raise inputs above
moderately severe f will reduce product extent that the over	or sustained application ivity or benefits and incre all advantage to be gain	ons which in aggregate are of a given use; the limitations ease required inputs to the ed from the use, although still expected on class S1 land.
severe for sustained tivity or benefits, or only marginally just	application of a given us increase required inputs ified.	ns which in aggregate are se and will so reduce produc- , that this expenditure will be
Not Suitable/ Not F	Relevant	
NGP Areas Cacao	Land limitation Land use	
NTIONAL SIGNS		
	Region Province	YDROLOGY Sea / Shoreline Lakes / Rivers
Expressway Trunk line Primary Secondary Tertiary	- Region Province	Sea / Shoreline Lakes / Rivers
Expressway Trunk line Primary Secondary Tertiary	Region Province District PL Municipality \gtrless	Sea / Shoreline Lakes / Rivers ACES Capital City / City
Expressway Trunk line Primary Secondary Tertiary JSE Built-up	Region Province District PL Municipality Barangay	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
BOU Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS	Region Province District PL Municipality Barangay	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
BOU Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS	Region Province District PL Municipality Barangay	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
BOU Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS 3214-I	Region Province District PL Municipality & Barangay () Fishpond	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
Boursesses Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS 3214-I 3214-I	Region Province District PL Municipality & Barangay () Fishpond	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
BOU Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS 3214-1 3214-1 COF INFORMATION : Topo 0 scale. Land resources info n Division (ALMED), Soils S Rice areas obtained from top 0 scale. Land resources info n Division (ALMED), Soils S Rice areas obtained from top 0 scale. Land resources info n Division (ALMED), Soils S Rice areas obtained from top 0 scale. Land resources info n Division (ALMED), Soils S Rice areas obtained from top 0 system (PRISM) (IRRI, 200	Region Province District PL Municipality & Barangay © Fishpond 3314-IV 3314-IV 3314-III	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove NDEX MAP COMPANY COM
BOU Expressway Trunk line Primary Secondary Tertiary JSE Built-up ING SHEETS Built-up ING SHEETS Agancy Sof INFORMATION : Topo Sof State and resources info n Division (ALMED), Soils S Rice areas obtained from 1 Sof System (PRISM) (IRRI, 20 Sof System (P	Region Province District PL Municipality Barangay Fishpond Salt-IV 3314-IV 3314-IV Alt-IV Company Compa	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove NDEX MAP COMPANY COM
BUIL-up BUIL-u	Region Province District PL Municipality Barangay Fishpond Salt-IV 3314-IV Alt-IV Company Compa	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove NDEX MAP CONTACTIONAL C
BUIL-up BUIL-up BUIL-up BUIL-up BUIL-up BUIL-up CSE BUIL-up CSE BUIL-up CSE BUIL-up CSE BUIL-up CSE CSE CSE CSE CSE CSE CSE CSE	Region Province District PL Municipality Barangay Province District PL Municipality Barangay Province Planangay Plan	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove Mangrove NDEX MAP COMPANIE COMPANI
BUIL-up Built-up Built-up Built-up ING SHEETS Built-up ING SHEETS Agaat 4-1 Agaat 4-1 Agaa	Region Province District PL Municipality Barangay Fishpond Tishpon	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove Mangrove NDEX MAP CUP (U)
BUIL-up BUIL-up BUIL-up BUIL-up BUIL-up BUIL-up BUIL-up CSE BUIL-up BUIL-up BUIL-up CALANEOUS INFORMATION: COF INFORMATION: C	Region Province District PL Municipality Barangay Fishpond Tishpon	Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town Mangrove Mangrove NDEX MAP COMPANIES CAPACINA CAPACI

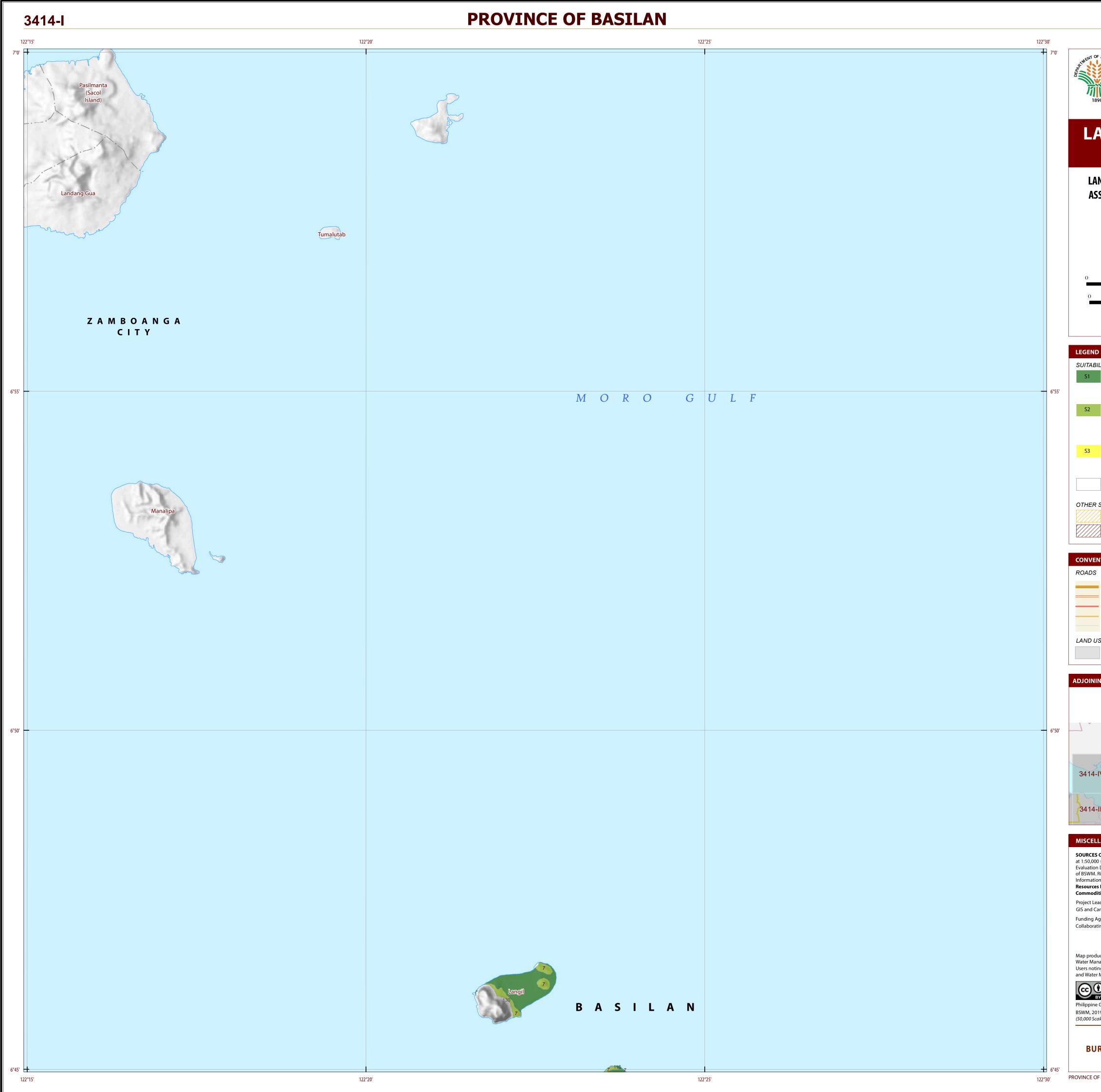


/INCE OF BASILAN			
	21°40' 121°4	.5'	
		7°0'	LCA
			LAN ASS
			0 (0 LEGEND SUITABILI
		6°55'	51 52 53
			OTHER S OTHER S CONVENT ROADS
		6°50'	3214-I
			MISCELLA SOURCES O at 1:50,000 s Evaluation D of BSWM. Rid Information Resources E Commoditia Project Lead GIS and Cart Funding Age Collaboratin
			Map product Water Mana Users noting and Water M Philippine G BSWM, 2019 (50,000 Scale
12	21°40' 121°4	6°45' _	BUR PROVINCE OF
12			

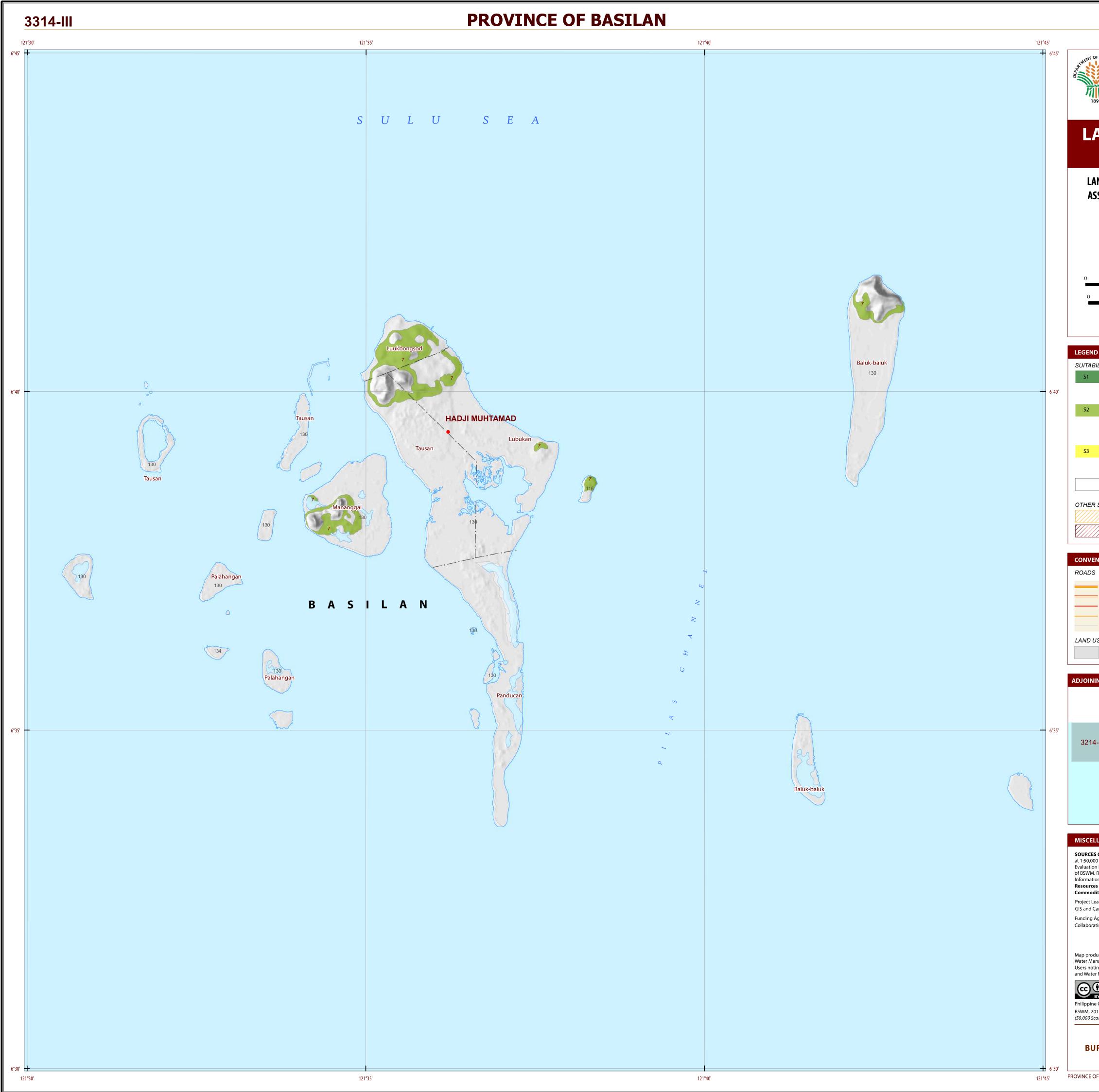
	Teinga Island
Solution of AGRICE	CRICULTURAL MEDICE
AND SUITAB CASSA	
ND RESOURCES EVALUATI	
w - S SCALE 1:5	► E 0 000
0.5 1 2 Kilometer	-
0.5 1 Miles Universal Transverse Mercator Zone DISCLAIMER : All political boundari	
cantly reduce productivity or benef	ninor limitations that will not signifi-
will reduce productivity or benefits extent that the overall advantage to	plication of a given use; the limitations
Marginally Suitable - Land having severe for sustained application of a	
R SIGNS NGP Areas Cacao	mitation se
NTIONAL SIGNS	HYDROLOGY
Expressway Region Trunk line Province Primary District Secondary Municipa	Sea / Shoreline Lakes / Rivers
Tertiary — • — Barangay	Capital Town / Town
Built-up Fishpond	Mangrove
ING SHEETS 3314-IV	
3314-IV 3414-IV	
3314-III 3314-II	AR SHARE AND
LANEOUS INFORMATION	
S OF INFORMATION : Topographic information scale. Land resources information from the n Division (ALMED), Soils Survey Division (SS . Rice areas obtained from the Land Use Syste on System (PRISM) (IRRI, 2015). Data analysis es Evaluation and Suitability Assessment of lities Project implemented by BSWM (2017)	e Agricultural Land Management and D) and Laboratory Services Division (LSD) em (FAO, 2015) and Philippine Rice and compilation through the Land of Strategic Production Areas for Major
eader : BERNARDO B. PASCUA Cartography : IRVIN K. SAMALCA	
ating Agencies : Philippine Council on Agri : Department of Agriculture Agriculture Regional Field : Local Government Unit (Lu duced by the Geomatics and Soil Information inagement (BSWM).	e and Fisheries - ARMM, Department of Office of Region IX, X, XI, XII and XIII (Caraga) GU) of covered provinces and municipalities Technology Division, Bureau of Soils and
International License. Unles	under a Creative Commons Attribution 4.0 ss otherwise noted, copyright and any other in this publication is owned by the tributed as :
REPUBLIC OF THE P DEPARTMENT OF AC IREAU OF SOILS AND WA SRDC Bldg., Elliptical Road Cor. Visayas Avenu	HILIPPINES GRICULTURE TER MANAGEMENT
Tel/Fax No. : (+632) 332-9534 E-mail : bsv	



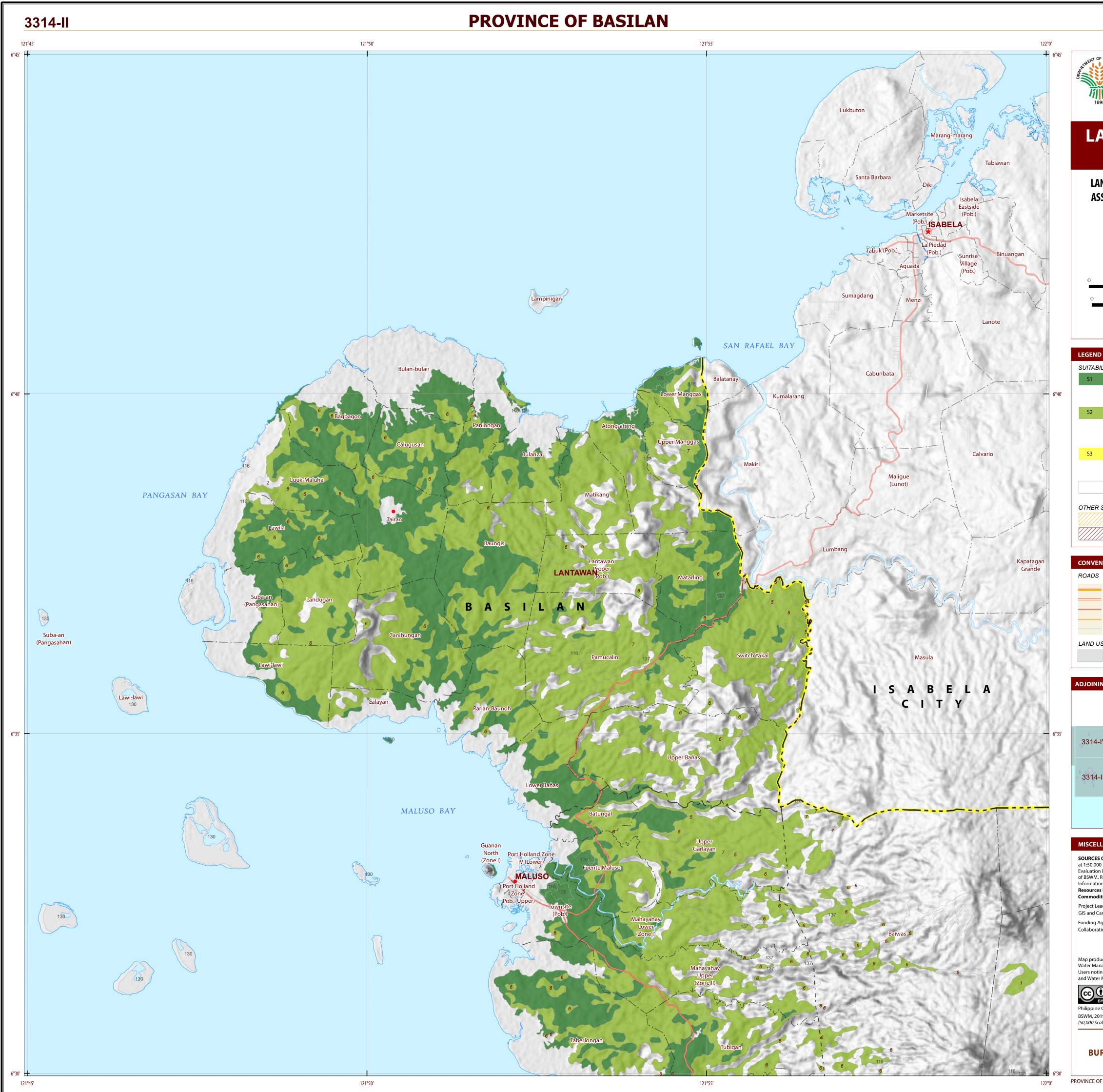
	Zambo	anga City
AGRICULTUR AGRICULTUR	POWENT OF AGAPCILIZE	1898
	ITABILIT ASSAVA	Y MAP
	EVALUATION AND TRATEGIC PRODUC	
	W - E	
0.5 1	ALE 1:50 000	4 5
0.5 1	Kilometers 2 Miles	3
	se Mercator Zone 51 N. PRS 19 olitical boundaries are not au	
D		
application of a given cantly reduce produce an acceptable level. Moderately Suitable	nd having no significant lin n use, or only minor limitat tivity or benefits and will r e - Land having limitations	ions that will not signifi- not raise inputs above which in aggregate are
will reduce productive extent that the overa attractive, will be app Marginally Suitable severe for sustained tivity or benefits, or i only marginally justif	vity or benefits and increase II advantage to be gained preciably inferior to that ex a - Land having limitations of application of a given use a ncrease required inputs, the fied.	from the use, although still pected on class S1 land. which in aggregate are and will so reduce produc-
Not Suitable/ Not Re	Land limitation Land use	
NTIONAL SIGNS		
Expressway Trunk line Primary Secondary Tertiary	NDARY HYD Region Province District PLAC Municipality $regionsBarangay ightharpoon$	ROLOGY Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town
Expressway Trunk line Primary Secondary Tertiary	 Region Province District PLAC Municipality 	Sea / Shoreline Lakes / Rivers CES Capital City / City
Expressway Trunk line Primary Secondary Tertiary USE Built-up	Region Province District PLAC Municipality $regionalBarangay ightarrow regional$	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town
Expressway Trunk line Primary Secondary Tertiary	Region Province District PLAC Municipality $regionalBarangay ightarrow regional$	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town Mangrove
Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS 3414-IV 3414-IV	 Region Province District <i>PLAC</i> Municipality (*) Barangay (*) Fishpond 	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town Mangrove
BUIL-up Built-up Built-up Built-up DISE Built-up DISE Built-up DISE Built-up DISE Built-up DISE Built-up DISE DI	Region Province District PLAC Municipality Barangay Image: State of Agriculture and Fisherie State of Agriculture and Fisherie Province District PLAC Municipality Barangay Image: State of Agriculture and Fisherie Province Province District PLAC Municipality Barangay Image: State of Agriculture and Fisherie Province Pr	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town Mangrove INDEX MAP USAN COMPAN
BOUN Expressway Trunk line Primary Secondary Tertiary USE Built-up ING SHEETS Built-up ING SHEETS Addd A-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAA-UV JAAAAA-UV JAAAAA-UV JAAAAA-UV JAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Region Province District PLAC Municipality Barangay Fishpond Fishpond Tishp	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town Mangrove INDEX MAP USA COMPANIE COM
BOUN Expressway Trunk line Primary Secondary Tertiary DSE Built-up DISE Built-up DISE Built-up DISE Built-up DISE DISE Built-up DISE	Region Province District PLAC Municipality Barangay Fishpond Tishpond Region Fishpond Region Fishpond Region Fishpond Region Fishpond Region Region Fishpond Region District PLAC Region	Sea / Shoreline Lakes / Rivers CES Capital City / City Capital Town / Town Mangrove INDEX MAP VOLUEY



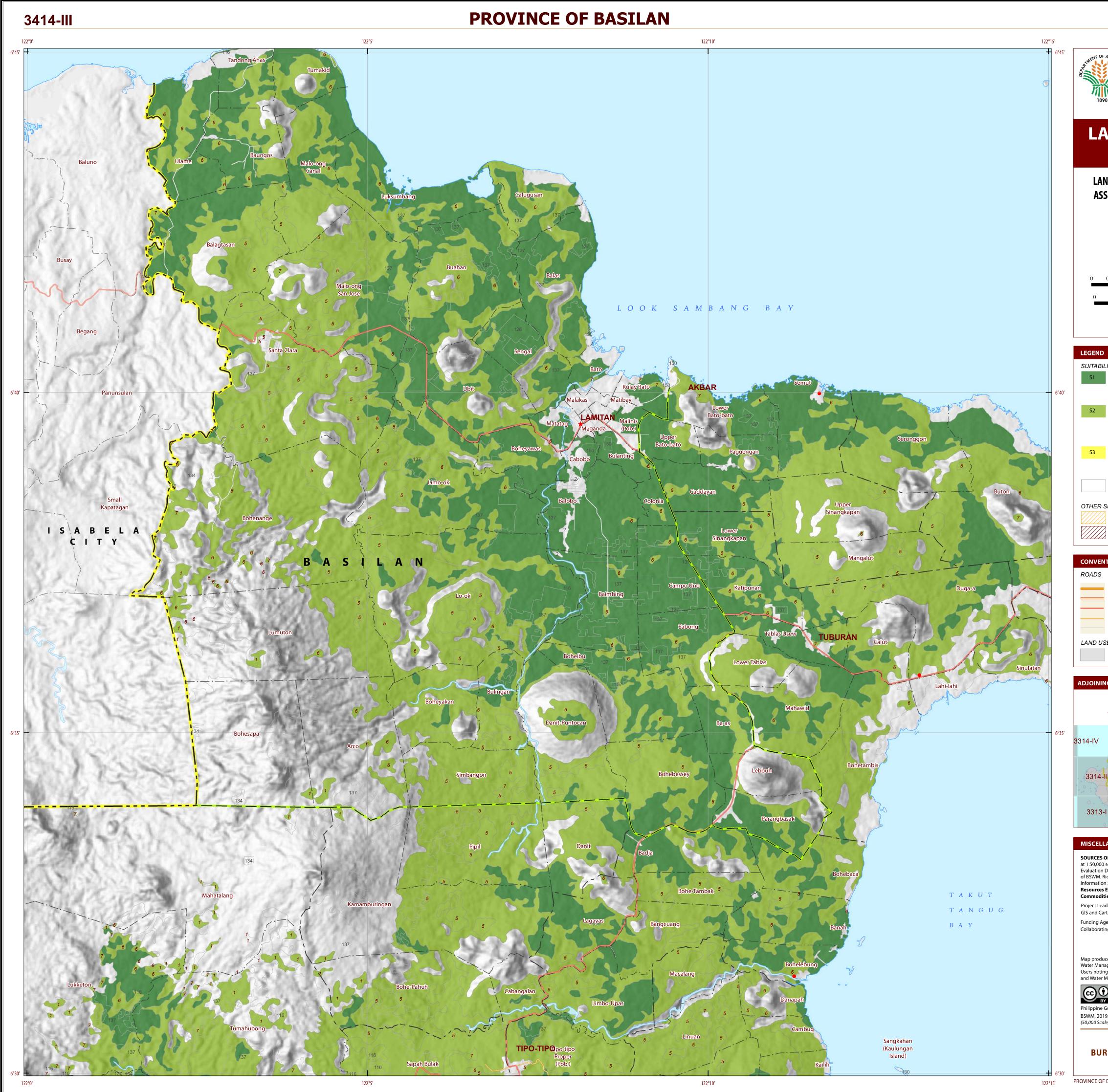
		Γ	Nercedes
PF AGAP COLUMN	A CHARACT OF AGRICU	CRICULTURA MESO	1898
	UITAB CASSA		ΥΜΑΡ
	CES EVALUATIO DF STRATEGIC		
	W - S	Ε	
0.5 1	SCALE 1:50	3	4 5
	1 Miles ansverse Mercator Zone : All political boundari		
D			
Highly Suitabl application of a cantly reduce p an acceptable l Moderately Su	productivity or benefi evel. iitable - Land having	inor limitation its and will no	ons that will not signifi- ot raise inputs above which in aggregate are
will reduce pro extent that the attractive, will b	ductivity or benefits overall advantage to be appreciably inferio	and increase be gained fr or to that exp	given use; the limitations required inputs to the om the use, although still ected on class S1 land. hich in aggregate are
	s, or increase require justified.		nd 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 Secondary Tertiary 	BOUNDARY Region Province District Municipa Barangay	PLACI	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
JSE Built-up	Fishpond		Mangrove
ING SHEETS			INDEX MAP
3414	-1		So la
-IV 3414- I			
-111 3414-11		.Ray	
LANEOUS INFO	RMATION		
5 OF INFORMATION : 10 scale. Land resource 11 Division (ALMED), S 12 Rice areas obtained f 13 on System (PRISM) (IF 14 Sevaluation and Su 14 Ities Project implement 14 cartography : IRVI 14 Agency : De 15 ting Agencies : Phi 15 De 16 Ag	Topographic information es information from the oils Survey Division (SSI from the Land Use Syste (RI, 2015). Data analysis itability Assessment o ented by BSWM (2017). NARDO B. PASCUA N K. SAMALCA partment of Agriculture partment of Agriculture riculture Regional Field	Agricultural La D) and Laborat (FAO, 2015) and compilation f Strategic Pro - Bureau of Ago culture and Fisle and Fisheries Office of Regio	ory Services Division (LSD) and Philippine Rice on through the Land oduction Areas for Major pricultural Research (DA-BAR)
		Technology Di	vision, Bureau of Soils and
nagement (BSWM). ing errors or omissior r Management.	ns in this publication are	·	nform the Bureau of Soils
nagement (BSWM). ing errors or omission r Management. This by NC SA for the second second second second second second the second second second second the second se	ns in this publication are publication is licensed rnational License. Unles llectual property rights, ublication should be att lap Series for Cassava of	under a Creativ s otherwise no in this publica ributed as :	ve Commons Attribution 4.0 ted, copyright and any other tion is owned by the
nagement (BSWM). ing errors or omission r Management. This Inte inte e Government. This p 019. Land Suitability M cale) . CC BY NC SA 4.0 R E P U D E PA R REAU OF SC SRDC Bldg., Elliptica	ns in this publication are publication is licensed rnational License. Unles llectual property rights, ublication should be att lap Series for Cassava of	under a Creatives s otherwise no in this publicat ributed as : the PROVINCE C ILLIPPINE RICULTU TER MAI	ve Commons Attribution 4.0 ted, copyright and any other tion is owned by the DF BASILAN S RE NAGEMENT zon City 1101



B98 COLUTION OF AGAIN TO FAGAIN TO F	
AND SUITABILITY MAP CASSAVA	
AND 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.	
D 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 produc- tivity or benefits, or increase required inputs, that this expenditure will be only marginally justified.	
R SIGNS	
NGP Areas Land limitation Cacao Land use	
NTIONAL SIGNS	
Expressway Trunk line Primary Region Province District PLACES Sea / Shoreline Lakes / Rivers	
Secondary Municipality 😿 ★ Capital City / City Tertiary Barangay 💿 • Capital Town / Town	
Built-up Fishpond Mangrove	
ING SHEETS INDEX MAP	
4-I 3314-IV 3414-IV	
3314-III 3314-II	
3313-1	
LLANEOUS INFORMATION	
LLANEOUS 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 dities Project implemented by BSWM (2017).	
S OF INFORMATION : Topographic information taken from NAMRIA Topographic Map D0 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 ton System (PRISM) (IRRI, 2015). Data analysis and compilation through the Land es Evaluation and Suitability Assessment of Strategic Production Areas for Major dities 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	
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 dities 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 unagement (BSWM). ting errors or omissions in this publication are requested to inform the Bureau of Soils er Management.	
S OF INFORMATION : Topographic information taken from NAMRIA Topographic Map20 scale. Land resources information from the Agricultural Land Management andn Division (ALMED), Soils Survey Division (SSD) and Laboratory Services Division (LSD). Rice areas obtained from the Land Use System (FAO, 2015) and Philippine Riceon System (PRISM) (IRRI, 2015). Data analysis and compilation through the Landes Evaluation and Suitability Assessment of Strategic Production Areas for Majorlities Project implemented by BSWM (2017).eader: BERNARDO B. PASCUACartography: IRVIN K. SAMALCAAgency: 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 municipalitiesduced by the Geomatics and Soil Information Technology Division, Bureau of Soils and unagement (BSWM).ting errors or omissions in this publication are requested to inform the Bureau of Soils and International License. Unless otherwise noted, copyright and any other intellectual property rights, in this publication is owned by thee Government. This publication should be attributed as :019. Land Suitability Map Series for Cassava of the PROVINCE OF BASILAN	
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 Bitties 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 anagement (BSWM). eing errors or omissions in this publication are requested to inform the Bureau of Soils and integration for 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	



				Maluso
SPE AGRIC	CALLURE	A CHARACTER AND A CHARACTER AN	RICULTURAL INDO	1898
		JITAB CASSA		ΥΜΑΡ
		STRATEGIC		SUITABILITY TION AREAS
		W - S	►E	
0.5	1	2 Kilometers	000 3 2	4 5
		Miles sverse Mercator Zone Il political boundarie		
D				
Hig ap car	plication of a gi	iven use, or only m ductivity or benefi	inor limitatio	itations to sustained ons that will not signifi- ot raise inputs above
mo wil ext	oderately sever Il reduce produ tent that the ov	e for sustained app ctivity or benefits a rerall advantage to	olication of a 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.
sev tivi on	vere for sustain	ed application of a or increase require istified.	given use ar	hich in aggregate are nd will so reduce produc- t this expenditure will be
		t Relevant		
\square	IS 5P Areas cao	Land lir 116 Land us	nitation e	
NE				
NTIO	NAL SIGNS			
= Exp = Tru = Pri = Sec	BC pressway unk line mary condary	DUNDARY Region Province District Municipa	PLAC	OLOGY Sea / Shoreline Lakes / Rivers ES Capital City / City
E Exp Tru Pri Sec Ter	BC pressway Ink line mary	Region Province District	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers
E Exp Tru Pri Sea Ter JSE Bui	BC pressway unk line mary condary rtiary	Region Province District Municipa Barangay	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town
E Exp Tru Prii Sea Ter JSE Bui	BC pressway unk line mary condary rtiary	 Region Province District Municipa Barangay Fishpond 	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove
E Exp Tru Pri Sea Ter JSE Bui	BC pressway unk line mary condary rtiary	 Region Province District Municipa Barangay Fishpond 	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove
E Exp Tru Prii Sec Ter JSE Bui	BC pressway unk line mary condary rtiary HEETS 314-I	Region Province District Municipa Barangay Fishpond	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove
E Exp Tru Prii Sed Ter JSE Bui NG S 3	BC pressway unk line mary condary rtiary HEETS 314-I 3314-I	Region Province District Municipa Barangay Fishpond	PLAC Iity ★ ● •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove
E Exp Tru Prii Sed Ter JSE Bui NG S 3	BC pressway unk line mary condary tiary HEETS 314-I 3314-I	Region Province District Municipa Barangay Fishpond		Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove
E Exp Tru Prii See Ter <i>ISE</i> Bui ING S ING S -IV -III S OF IN 0 scale n Divisi Rice ar on Syst S SE Evalu	BC pressway unk line mary condary rtiary HEETS 314-I 3314-I 3313-I EOUS INFORM FORMATION : To Land resources i on (ALMED), Soils reas obtained (Iror eas obtained from eas obtained (Iror attriant) (IRRI, utation and Suitta roject implement)	Region Province District Municipa Barangay Fishpond	PLAC PLAC PLAC • • • • • • • • • • • • • • •	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove INDEX MAP
E Exp Tru Prin Sec Ter <i>JSE</i> Bui ING S ING S Carton Sof IN 0 scale n Divisi Rice ar on Syste Sof IN 0 scale n Divisi Rice ar Sof IN 0 scale atting Agency ting Agency Huced b	BC pressway unk line mary condary rtiary HEETS BATA-I SATA	Region Province District Municipa Barangay Fishpond 3414-IV 3414-IV 3414-IV 3413-IV Pographic information from the s Survey Division (SSI m the Land Use Syste 2015). Data analysis bility Assessment o ted by BSWM (2017). RDO B. PASCUA C. SAMALCA rtment of Agriculture pine Council on Agriculture	PLAC PLAC	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove INDEX MAP UINE MAP
E Exp Tru Prin Sec Ter JSE Bui ING S ING S ING S Correct Sof IN 0 scale n Divisi Rice ar Sof IN 0 scale Sof IN Sof IN 0 scale Sof IN 0 scale Sof IN 0 scale Sof IN 0 scale Sof IN Sof IN	BC pressway unk line mary condary rtiary HEETS 314-II 3314-II 3313-I COUS INFORM FORMATION : To Land resources i on (ALMED), Soils reas obtained (Iror Land resources i Iror Herberton (Iror Land resources i Iror Herberton (Iror Land resources i Iror Herberton (Iror Land resources i Iror I	Region Province District Municipa Barangay Fishpond 3414-IV 3414-IV 3414-III 3413-IV Pographic information information from the s Survey Division (SSI m the Land Use Syste 2015). Data analysis bility Assessment o ted by BSWM (2017). RDO B. PASCUA C. SAMALCA rtment of Agriculture pine Council on Agric rtment of Agriculture Juture Regional Field Government Unit (LC and Soil Information in this publication are ublication is licensed	PLAC PLAC	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove INDEX MAP USAN USAN CONTRACTION
E Exp Tru Priu Sec Ter <i>JSE</i> Bui ING S ING S Sof IN Sof IN O scale n Divisi n Divisi n Divisi n Divisi Sof IN O scale n Divisi Ring Ag Cartogra Agency ting Ag Buy Buy Buy Cartogra Agency ting Ag	BC pressway unk line mary condary rtiary HEETS 314-II 3314-II 3314-II 3313-I EOUS INFORM FORMATION : To Land resources in on (ALMED), Soils reas obtained from EDUS INFORM FORMATION : To Land resources in on (ALMED), Soils reas obtained from em (PRISM) (IRRI, Lation and Suitar roject implement is BERNAI aphy : IRVIN K is Depai gencies : Philip is Depai depai the formation is public advices and advices and advices and advice	Region Province District Municipa Barangay Fishpond 3414-IV 3414-IV 3414-III 3413-IV Pographic information information from the s Survey Division (SSI m the Land Use Syste 2015). Data analysis bility Assessment o ted by BSWM (2017). RDO B. PASCUA C. SAMALCA rtment of Agriculture pine Council on Agric rtment of Agriculture julture Regional Field Government Unit (LC and Soil Information in this publication are tholication is licensed of the council on Agriculture	PLAC PLAC	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove INDEX MAP UUEX MAP
Exp Fru Prin Sec Ter <i>JSE</i> Bui ING S ING S 	BC pressway unk line mary condary rtiary HEETS BATA-I BATA-I BATA-I A314-I A314-I A314-I A314-I A314-I A314-I COUS INFORM FORMATION : To Land resources i on (ALMED), Soil: reas obtained (from Land resources i on (ALMED), Soil: reas obtained from Land resources i on (ALMED), Soil: reas obtained from Agricu Cources i Cources and a cources i on (ALMED), Soil: reas obtained from Agricu Cources and Almentices Cources and Almentices	Region Province District Municipa Barangay Fishpond Sarangay Satata-IV Attention Attention Survey Division (SSI mathe Land Use Syste 2015). Data analysis bility Assessment o ted by BSWM (2017). RDO B. PASCUA SAMALCA rtment of Agriculture pine Council on Agric rtment of Agriculture ulture Regional Field Government Unit (LC and Soil Information in this publication are ublication is licensed in tional License. Unles tual property rights, ication should be att Series for Cassava of the	PLACE PL	Sea / Shoreline Lakes / Rivers ES Capital City / City Capital Town / Town Mangrove INDEX MAP UUINES



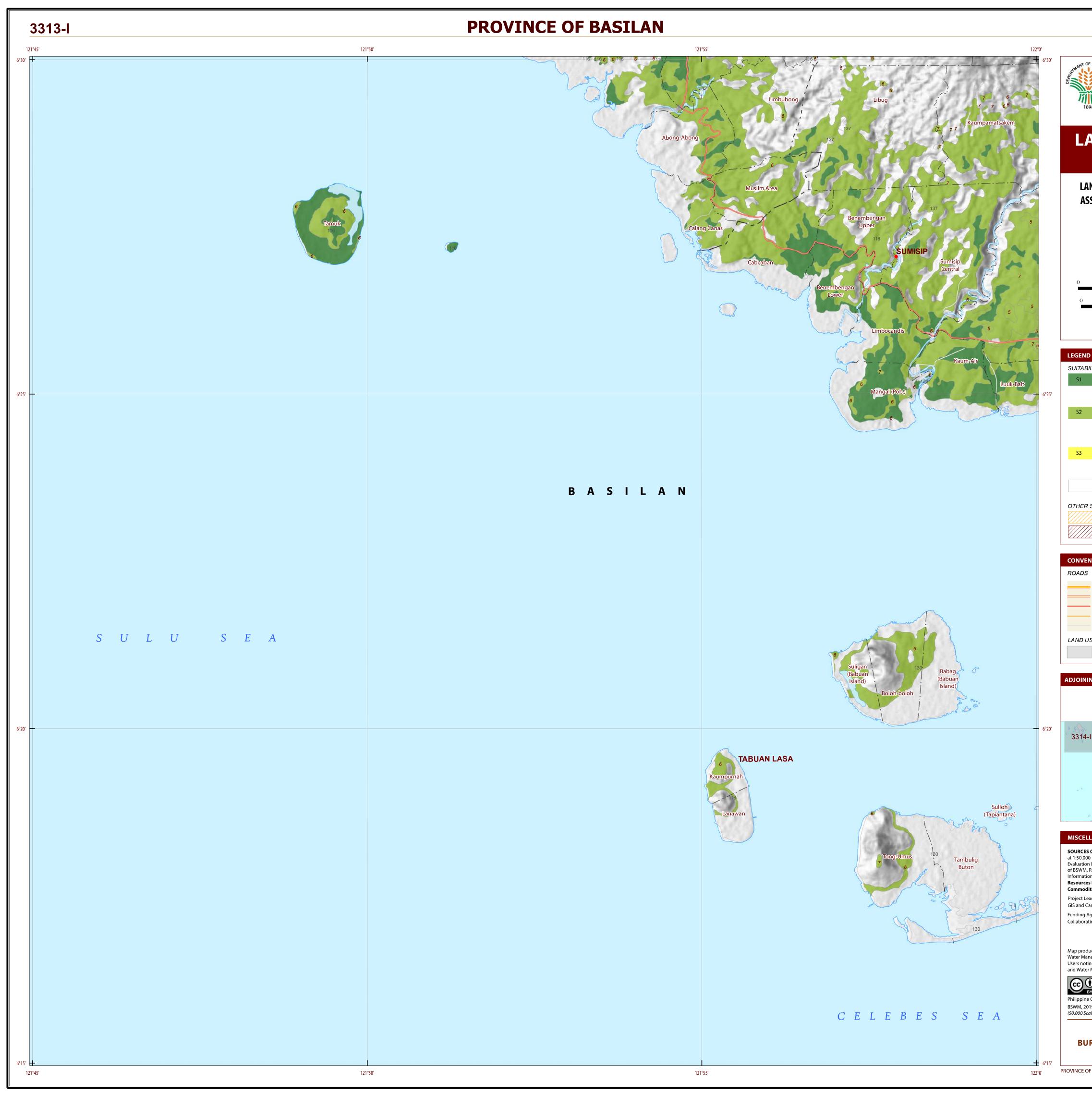
			Lami	
B98	anent OF AGA CL	CRICULTURAL BUSIN	IS98	GALCULTURE
AND S	UITAB CASSA		Y MA	Ρ
ND RESOURC				-
	w - S	FE		
0.5 1	SCALE 1:50	3	4	5
Universal Tra	Miles nsverse Mercator Zone All political boundarie	51 N. PRS 1992		
D				
application of a cantly reduce pr an acceptable le	- Land having no si given use, or only m oductivity or benefi vel. table - Land having	inor limitatio ts and will no	ns that will not s t raise inputs ab	ignifi- ove
moderately seve will reduce prod extent that the c attractive, will be	ere for sustained app uctivity or benefits a overall advantage to e appreciably inferic	blication of a and increase be gained fro or to that exp	given use; the lin required inputs t om the use, altho ected on class S1	nitations to the ough still land.
severe for sustai		given use an	d will so reduce	produc-
SIGNS NGP Areas Cacao	116 Land lin Land us	nitation se		
NTIONAL SIGNS				
Expressway Trunk line Primary Secondary Tertiary	OUNDARY Region Province District Municipa Barangay	PLACE	OLOGY Sea / Shore Lakes / Rive ES Capital City / (Capital Town /	ers City
ISE Built-up	Fishpond		Mangrove	
ING SHEETS			INDEX MAP	
3414-I	II		N.	
3414-IV	3414-I		and a second	
-11 3414-111	3414-II	NR.	and a second	and
3-1 3413-IV	MATION		State State	
5 OF INFORMATION : 1 10 scale. Land resource: n Division (ALMED), So Rice areas obtained fr on System (PRISM) (IRF es Evaluation and Suit lities Project impleme eader : BERN	Topographic informatic s information from the ils Survey Division (SSI om the Land Use Syste RI, 2015). Data analysis sability Assessment o	Agricultural La D) and Laborato m (FAO, 2015) and compilatic f Strategic Pro	nd Management a bry Services Divisio and Philippine Rice in through the Lan	nd on (LSD) e i d
ting Agencies : Phili : Dep Agri : Loca luced by the Geomatic nagement (BSWM).	artment of Agriculture culture Regional Field al Government Unit (LC s and Soil Information	culture and Fish and Fisheries Office of Regio 5U) of covered Technology Di	neries (PCAF) ARMM, Departme n IX, X, XI, XII and X provinces and mur vision, Bureau of So	nt of (III (Caraga) nicipalities pils and
	publication is licensed national License. Unles ectual property rights, blication should be att	under a Creativ s otherwise no in this publicat ributed as :	e Commons Attrib ted, copyright and ion is owned by th	ution 4.0 any other
DEPAR 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 MAI e, Diliman, Quez	RE NAGEMEN ron City 1101	 r
DF BASILAN				lo. 3414-III



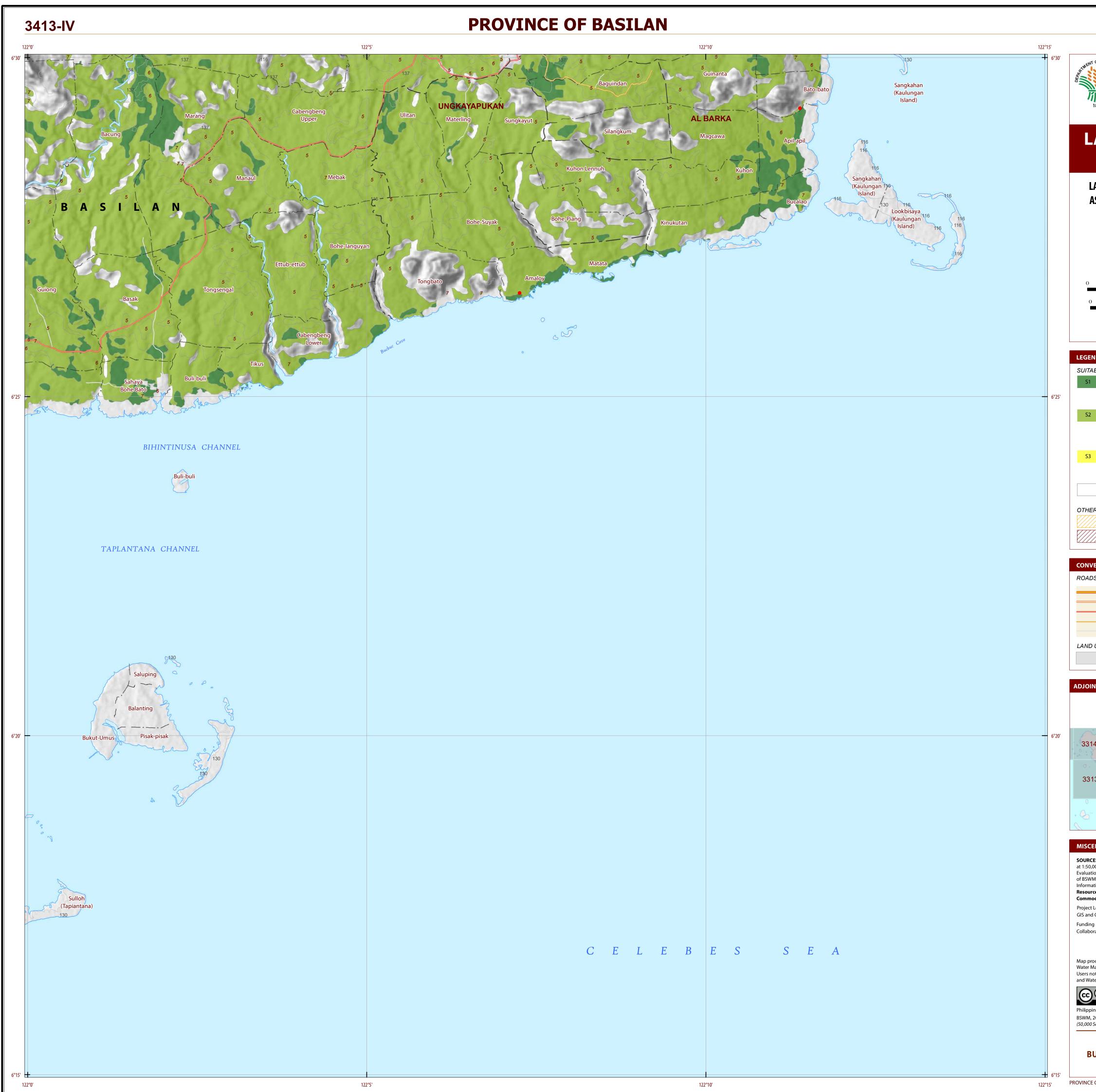
PROVINCE OF BASILAN

	יססגי 1 ^י		
T T T Sibago T T T		22°30'	Rent OF AG
			LA
			ASSE
			0 0.
		6°40'	LEGEND SUITABILIT S1 H a c a
			S2 M v e a S3 M s ti
			CONVENTION ROADS
			LAND USE
		— 6°35'	3414-IV
			3414-III 3413-IV
			MISCELLAN SOURCES OF I at 1:50,000 sca Evaluation Div of BSWM. Rice Information Sy Resources Eva Commodities
			Project Leader GIS and Cartos Funding Agen Collaborating Map produced Water Manage Users noting e and Water Mar
			Users noting e and Water Mar Philippine Gov BSWM, 2019. L (50,000 Scale).
12			BURE SR PROVINCE OF BA

	N	lount	Matanal
TOF AGRICULT	Burning and Active and	CRICULTURAL MEDIO	INFENT OF 4GA CLIUR
AND S	UITAB CASSA		MAP
LAND RESOUR ASSESSMENT (
	w - S	►E	
0.5 1	SCALE 1:50	000 <u>3</u> 4	њ <u>5</u>
) 0.5	Kilometers 1	2	3
	Miles ansverse Mercator Zone : All political boundari		
application of a	l e - Land having no si a given use, or only m productivity or benefi	inor limitations t	hat will not signifi-
an acceptable l Moderately Su moderately sev will reduce pro	evel. Jitable - Land having vere for sustained app ductivity or benefits	limitations whicl blication of a give and increase requ	h in aggregate are n use; the limitations
attractive, will b Marginally Sui severe for susta	be appreciably inferio itable - Land having ained application of a ts, or increase require	or to that expecte limitations which given use and w	d on class S1 land. in aggregate are ill so reduce produc-
Not Suitable/	Not Relevant		
ER SIGNS NGP Areas	Land lir Land us	nitation e	
VENTIONAL SIGNS			
	BOUNDARY	HYDROLO	
Expressway Trunk line	Region Province	PLACES	DGY Sea / Shoreline Lakes / Rivers
Expressway	Region Province	PLACES	Sea / Shoreline
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipa	PLACES lity € ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up	Region Province District Municipa Barangay	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town
Expressway Trunk line Primary Secondary Tertiary	Region Province District Municipa Barangay Fishpond	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up	Region Province District Municipa Barangay Fishpond	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up NING SHEETS	 Region Province District Municipa Barangay Fishpond 	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up INING SHEETS 3414-IV 3414-I	 Region Province District Municipa Barangay Fishpond 	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up INING SHEETS A414-I I4-III 3414-I	 Region Province District Municipa Barangay Fishpond 	PLACES lity ★ C ● • C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up Built-up INING SHEETS A4-IV	RIVATION RMATION RMATION RMATION RMATION RRI 2015). Data analysis sitability Assessment o pented by BSWM (2017). NARDO B. PASCUA	PLACES PLACES Ity PLACES Nan Ity Man INE Ity Agricultural Land M On taken from NAM Agricultural Land M D) and Laboratory S m (FAO, 2015) and land compilation th	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up Built-up INING SHEETS INING SHEETS IA-IV	RMATION Topographic information so information from the ioils Survey Division (SSI from the Land Use Syste RRI, 2015). Data analysis intability Assessment of hented by BSWM (2017). NARDO B. PASCUA NK. SAMALCA repartment of Agriculture intippine Council on Agriculture partment of Agriculture inculture Regional Field cal Government Unit (LO	PLACES PLACES PLACES PLACES Nan COMPANIENT Nan INE Nan INE Nan COMPANIENT COMPANIENT Nan COMPANIENT NAN NAN COMPANIENT NAN	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP CEX MAP C
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up Built-up INING SHEETS INING SHEETS IA-IV	RMATION Topographic information solution from the coll Survey Division (SSI from the Land Use Syster RRI, 2015). Data analysis itability Assessment o pented by BSWM (2017). NARDO B. PASCUA N.K. SAMALCA partment of Agriculture partment	PLACES PLACES PLACES PLACES Nan COMPANIENT Nan INE Nan INE PLACES Nan Company Nan INE PLACES Nan Company Nan Company Nan Company Nan Company	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP OEX MAP OEX MAP Anagement and ervices Division (LSD) Philippine Rice rough the Land tion Areas for Major tural Research (DA-BAR) s (PCAF) M, Department of X, XI, XII and XIII (Caraga) inces and municipalities n, Bureau of Soils and
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up UINING SHEETS Add1d- A A-IV Add1d- Add1 A Add1d- Add1 A Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 Add1d- Add1 A	REGION Province District Municipa Barangay Fishpond Fishpond Rimetric Rime	PLACES PLACES PLACES PLACES Nan PLACES Nan COMPACTION Nan INE PLACES Nan Compaction Nan COMPACTION NAN NAN NAN NAN NAN NAN NAN N	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP DEX MAP D
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up UINING SHEETS Add1d- A A-III A-III Add1d- A A A-III Add1d- A A A A A A A A A A A A A	RMATION Topographic information Solution information Region Province District Municipa Barangay Fishpond Fishpond Rishpond Province Municipa Barangay Rishpond Ri	PLACES PLACES Ity PLACES Ity PLACES Ity Ity Ity Ity Ity Ity Ity Ity	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP DEX MAP
Expressway Trunk line Primary Secondary Tertiary DUSE Built-up Built-up TUING SHEETS DUSE Built-up Add 14-1 Add 14	Region Province District Municipa Barangay Fishpond Fishpond Rishpond Rishpond Province District Municipa Barangay Fishpond Rishpond	PLACES PLACES Ity PLACES Ity A C PLACES Ity A C PLACES Ity A C PLACES C PLACES C PLACES C C PLACES C C C PLACES C C C C C C C C C C C C C	Sea / Shoreline Lakes / Rivers apital City / City apital Town / Town grove DEX MAP DEX MAP D



	Tip	ianta	na Is	
B98	ACTIVE NT OF AGRICE	CRICULTURAL INSTR	DEPART	DF AGACULTURE 898
AND SI	UITAB CASSA		ΥM	AP
ND RESOURCI				
	w-	E		
0.5 1	SCALE 1:5	0 000 3	4	5
0.5	Kilometer 1	s 2		3
	Miles sverse Mercator Zone Il political boundari			
D				
application of a g	Land having no s iven use, or only n ductivity or benef el.	ninor limitatio	ns that will r	not signifi-
moderately sever will reduce produ extent that the ov	able - Land having e for sustained ap ictivity or benefits verall advantage to appreciably inferio	plication of a and increase be gained fro	given use; th required inp om the use, a	e limitations uts to the although still
severe for sustain tivity or benefits, only marginally ju		a given use an	d will so red	uce produc-
Not Suitable/ No	t Relevant			
SIGNS NGP Areas Cacao	116 Land lin	mitation se		
NTIONAL SIGNS				
Expressway Trunk line Primary	DUNDARY Region Province		Lakes /	noreline Rivers
Secondary Tertiary JSE	Municipa Barangay	(• •	·	ty / City wn / Town
Built-up	Fishpond	<u> <u>Brien</u></u>	Mangrove	
ING SHEETS			INDEX MA	P
-III 3313-I	3414-111		A Barbara	1993
3313-1	3413-IV	and the second second		
· 6.		Maria	A Contraction	Str.
LANEOUS INFORM	pographic informati			
00 scale. Land resources n Division (ALMED), Soil . Rice areas obtained fro on System (PRISM) (IRRI, es Evaluation and Suita lities Project implemen eader : BERNA	s Survey Division (SS m the Land Use Syste , 2015). Data analysis , bility Assessment c	D) and Laborate em (FAO, 2015) and compilation of Strategic Pro	ory Services D and Philippine on through the	ivision (LSD) e Rice e Land
Cartography : IRVIN H Agency : Depa Iting Agencies : Philip : Depa Agrice	K. SAMALCA rtment of Agricultur pine Council on Agri rtment of Agriculture ulture Regional Field Government Unit (Li	culture and Fish e and Fisheries - Office of Regio	neries (PCAF) - ARMM, Depa n IX, X, XI, XII a	rtment of and XIII (Caraga)
duced by the Geomatics inagement (BSWM). ing errors or omissions i r Management.	and Soil Information	Technology Di	vision, Bureau	of Soils and
		ss otherwise no , in this publicat tributed as :	ted, copyright ion is owned l	and any other
R E P U B DEPART IREAU OF SOI SRDC Bldg., Elliptical R	oad Cor. Visayas Aven	TER MAI ue, Diliman, Quez	RE NAGEME zon City 1101	ENT
Tel/Fax No. : (+632)	332-9534 E-mail: <i>bsv</i>	-,		neet No. 3313-I



		Amoyloi
B98	A CRICULTURAL MASS	1898
	UITABILI CASSAVA	
	CES EVALUATION ANI DF STRATEGIC PRODU	
	SCALE 1:50 000	
0 0.5 1 0 0.5 Universal Tra	2 3 Kilometers 1 2 Miles ansverse Mercator Zone 51 N. PRS 1	4 5 3 1992 Datum
DISCLAIMER	: All political boundaries are not a	uthoritative.
application of a	e - Land having no significant l given use, or only minor limita productivity or benefits and will evel.	ations that will not signifi-
moderately sev will reduce pro- extent that the attractive, will k S3 Marginally Sui	itable - Land having limitation rere for sustained application o ductivity or benefits and increa overall advantage to be gained be appreciably inferior to that e itable - Land having limitations	f a given use; the limitations ise required inputs to the d from the use, although still expected on class S1 land.
tivity or benefit only marginally Not Suitable/ I		-
OTHER SIGNS NGP Areas Cacao	Land limitation Land use	
CONVENTIONAL SIGNS ROADS Expressway Trunk line Primary Secondary Tertiary LAND USE Built-up	BOUNDARY HYL	DROLOGY Sea / Shoreline Lakes / Rivers ACES Capital City / City Capital Town / Town
ADJOINING SHEETS 3413-	IV	
3314-II 3414-II 3313-I 3413-I		
		о С
at 1:50,000 scale. Land resource Evaluation Division (ALMED), S of BSWM. Rice areas obtained f Information System (PRISM) (IR Resources Evaluation and Su Commodities Project implem Project Leader : BERI GIS and Cartography : IRVI Funding Agency : De Collaborating Agencies : Phi : De Ag	Topographic information taken fro es information from the Agricultura oils Survey Division (SSD) and Labc from the Land Use System (FAO, 20 RI, 2015). Data analysis and compil itability Assessment of Strategic	Al Land Management and bratory Services Division (LSD) 15) and Philippine Rice ation through the Land Production Areas for Major f Agricultural Research (DA-BAR) Fisheries (PCAF) ies - ARMM, Department of egion IX, X, XI, XII and XIII (Caraga)
Map produced by the Geomati Water Management (BSWM). Users noting errors or omissior and Water Management.	ics and Soil Information Technology	v Division, Bureau of Soils and to inform the Bureau of Soils
Philippine Government. This p	publication is licensed under a Cre rnational License. Unless otherwise llectual property rights, in this publ ublication should be attributed as : lap Series for Cassava of the PROVING 0.	noted, copyright and any other ication is owned by the
DEPAR BUREAU OF SC SRDC Bldg., Elliptica	BLIC OF THE PHILIPPI TMENT OF AGRICUL DILS AND WATER M al Road Cor. Visayas Avenue, Diliman, C 32) 332-9534 E-mail: bswmclientcente	FURE ANAGEMENT Quezon City 1101
ROVINCE OF BASILAN	Shee	et 10 of 10 Sheet No. 3413-IV