

MEMORANDUM

FOR : The Regional Executive Director
DENR Regions 1 to 13, CAR and NCR,

FROM : The OIC, Director

SUBJECT : **ADDITIONAL GUIDELINES ON THE DELINEATION OF MANAGEMENT ZONES IN PROTECTED AREAS AND PRESCRIBED MAP TEMPLATE FOR THE IDENTIFIED MANAGEMENT ZONES OF PROTECTED AREAS UNDER THE NATIONAL INTEGRATED PROTECTED AREAS SYSTEM (NIPAS)**

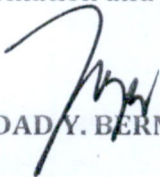
Further to BMB Technical Bulletin No. 2018-01 entitled "Clarifying the Procedures in the Identification, Designation and Delineation of Management Zones of Protected Areas under the NIPAS" and our Memorandum dated 18 February 2020 on the prescribed color for the designated management zones, we are providing the standard design of the boundary markers and standard map template/layout for the management zones:

1. The fabricated markers shall have a minimum dimension of 15cm x 15cm x 60cm. The Materials to be used shall be Class A (1:2:4) concrete, reinforced with 9.00mm diameter standard deformed steel bar, properly embedded on the four (4) corners. A footing of 15cm in all sides of the monument and 10cm high starting from the base of the monument shall be included. The said markers should be installed vertically and accurately as possible where the corner points of the management zones of the protected area are located on the ground. The marker shall be implanted 30cm deep in the ground.
2. The markers shall bear the letters "SPZ" which means "Strict Protection Zone" and "MUZ" which means "Multiple Use Zone". The SPZ is engraved at the top and MUZ at the bottom; an arrow pointing to the left is engraved in the middle and in between the SPZ and MUZ; the respective block number is engraved at the lower left, i.e. Blk. No I, while the corner number is engraved at the lower right, i.e. C.N. 01. The letters "SPZ" and "MUZ" should be 4.00 cm high in aerial font and for the "Block No." and "Corner No." in 2.5 cm high. The specification is provided in **Annex A** (<https://bit.ly/PAZones>).
3. The final map of the management zone of the protected area shall be prepared in accordance with the template provided in **Annex B** (<https://bit.ly/PAZones>).
4. Since the management zones form part of the Protected Area Management Plan, they can be printed in an A3 bond paper size. The technical description also forms part of the map and should be in bearing and distance format.
5. Signatories from the DENR Field Office including the Cartographers/GIS Specialist, Protected Area Superintendent under the supervision of the Chiefs, Conservation



and Development Division and the Surveys and Mapping Division. It should be noted by the Assistant Regional Director for Technical Services and should be approved by the DENR Regional Executive Director.

For information and appropriate action.


NATIVIDAD Y. BERNARDINO

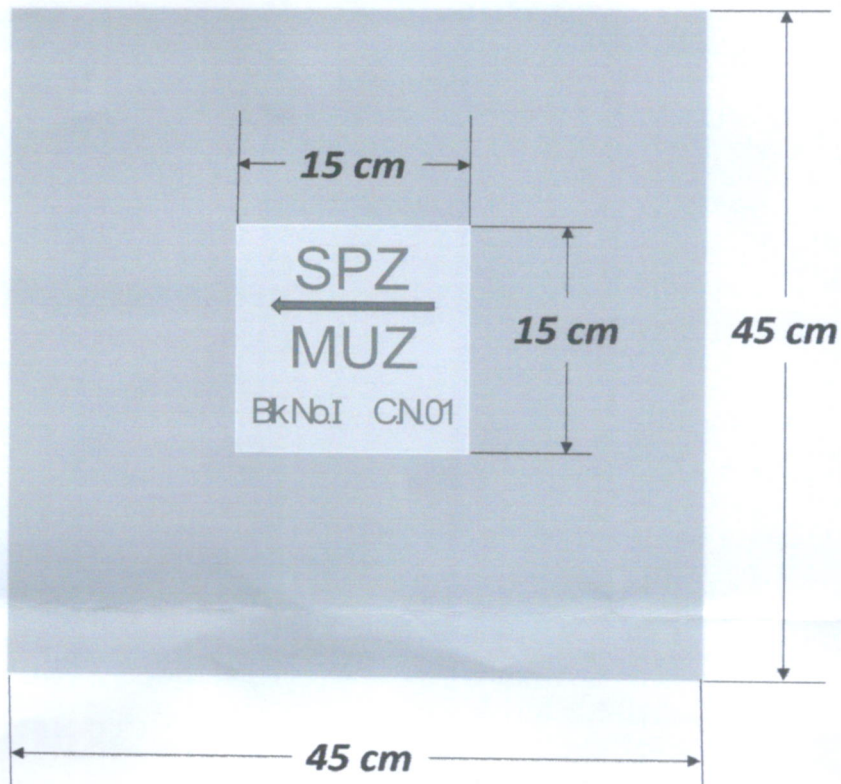


Republic of the Philippines
Department of Environment and Natural Resources
BIODIVERSITY MANAGEMENT BUREAU

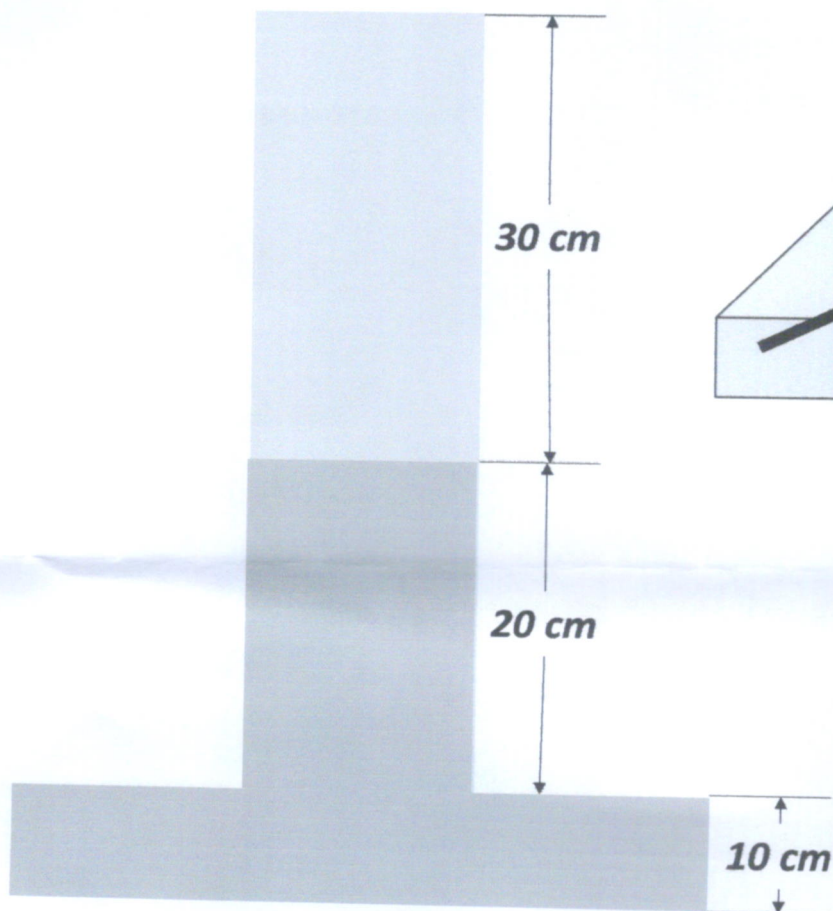


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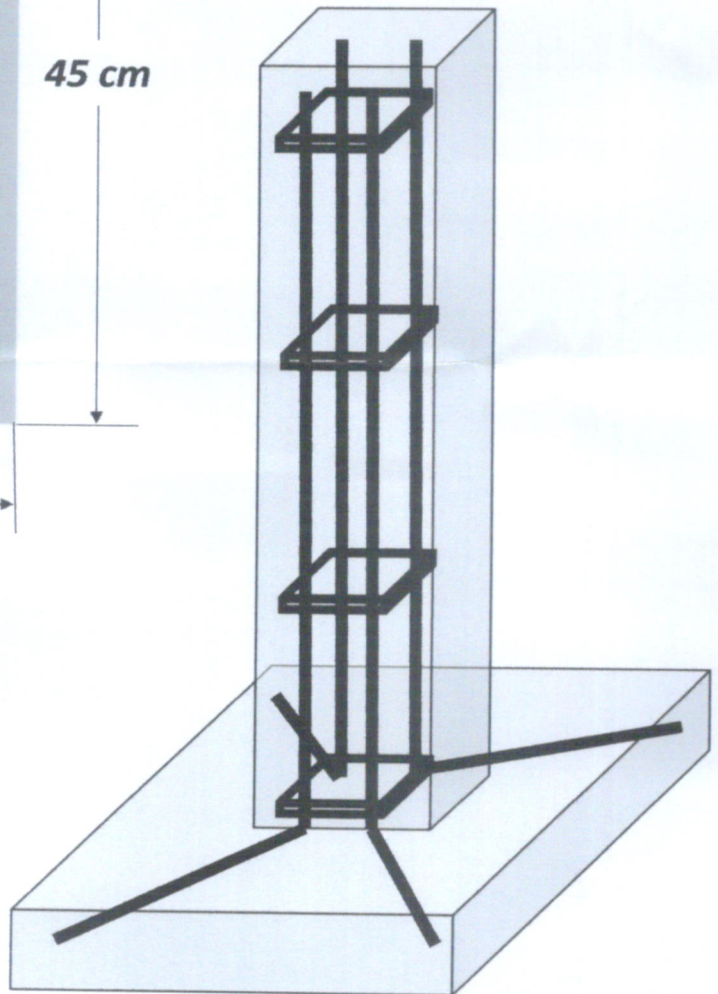
MANAGEMENT ZONE MARKERS FOR TERRESTRIAL PAs



TOP VIEW

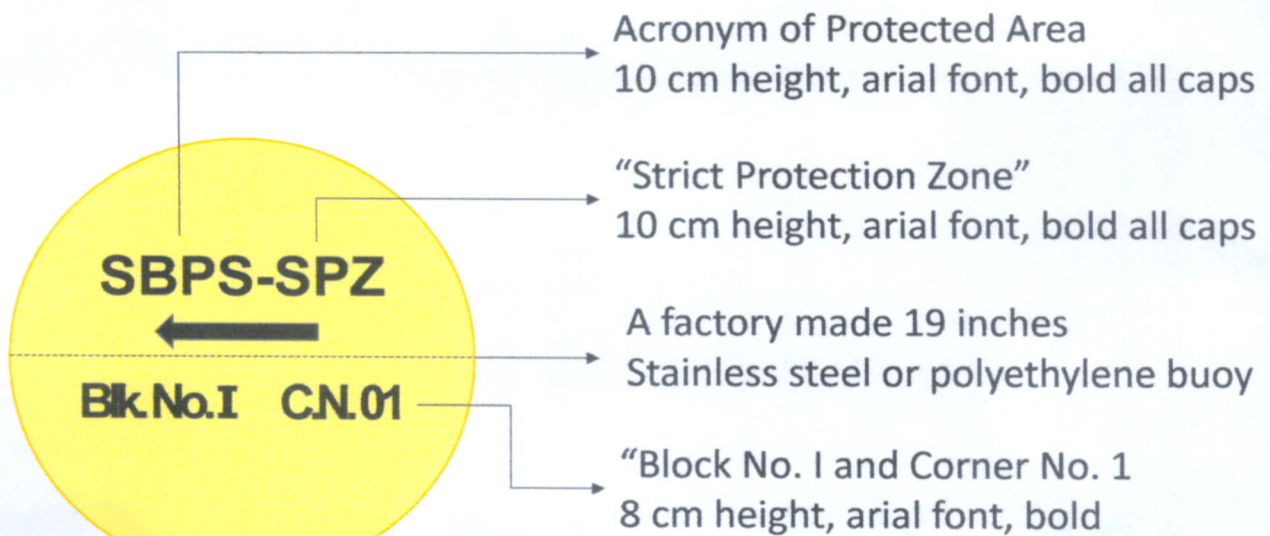


FRONT VIEW



ISOMETRIC VIEW

MANAGEMENT ZONE MARKERS FOR MARINE PAs



122°0'0"E

122°0'0"E

122°10'0"E

122°12'0"E

Block No. I - Strict Protection Zone

LINE	BEARING	DISTANCE	REMARKS
1 - 2	N 89-35-36 E	345.147	Tied up to Corner 52 of the Legislated Boundary of Sibalom Natural Park
2 - 3	S 3-50-35 W	662.857	
3 - 4	S 88-47-58 W	494.906	
4 - 1	N 16-10-20 E	696.863	

Tie Point: Corner 1 is identical to Corner 52 of the Legislated Boundary of Sibalom Natural Park

Block No. II - Strict Protection Zone

LINE	BEARING	DISTANCE	REMARKS
1 - 2	N 69-8-27 W	1131.3	Tied up to Corner 40 of the Legislated Boundary of Sibalom Natural Park
2 - 3	N 99-18-6 E	1601.491	
3 - 4	N 50-12-38 W	275.049	
4 - 5	N 1-50-9 W	548.369	
5 - 6	S 81-32-28 W	419.943	
6 - 7	N 11-26-39 W	1784.856	
7 - 8	N 87-53-6 E	392.4	Identical to Line 53 - 54 of the Legislated Boundary of Sibalom Natural Park
8 - 9	N 88-19-41 E	2545.687	Identical to Line 54 - 55 of the Legislated Boundary of Sibalom Natural Park
9 - 10	S 23-54-50 W	1653.862	Identical to Line 55 - 56 of the Legislated Boundary of Sibalom Natural Park
10 - 11	S 26-34-0 W	628.651	Identical to Line 56 - 57 of the Legislated Boundary of Sibalom Natural Park
11 - 12	S 22-22-54 W	738.399	Identical to Line 57 - 58 of the Legislated Boundary of Sibalom Natural Park
12 - 13	S 27-59-10 W	727.711	Identical to Line 58 - 59 of the Legislated Boundary of Sibalom Natural Park
13 - 1	S 23-23-12 W	809.521	Identical to Line 59 - 60 of the Legislated Boundary of Sibalom Natural Park

Tie Point: Corner 1 is identical to Corner 60 of the Legislated Boundary of Sibalom Natural Park

Block No. III - Strict Protection Zone

LINE	BEARING	DISTANCE	REMARKS
1 - 2	S 63-52-43 W	1692.449	Tied up to Corner 64 of the Legislated Boundary of Sibalom Natural Park
2 - 3	S 33-33-18 W	722.15	
3 - 4	N 85-54-12 W	972.226	
4 - 5	N 4-2-18 E	856.706	
5 - 6	N 35-47-5 E	1949.996	
6 - 7	N 69-40-3 E	2666.853	
7 - 8	S 11-17-54 E	1047.85	
8 - 1	S 44-51-41 W	1473.341	Identical to Line 63 - 64 of the Legislated Boundary of Sibalom Natural Park

Tie Point: Corner 1 is identical to Corner 64 of the Legislated Boundary of Sibalom Natural Park

Block No. IV - Strict Protection Zone

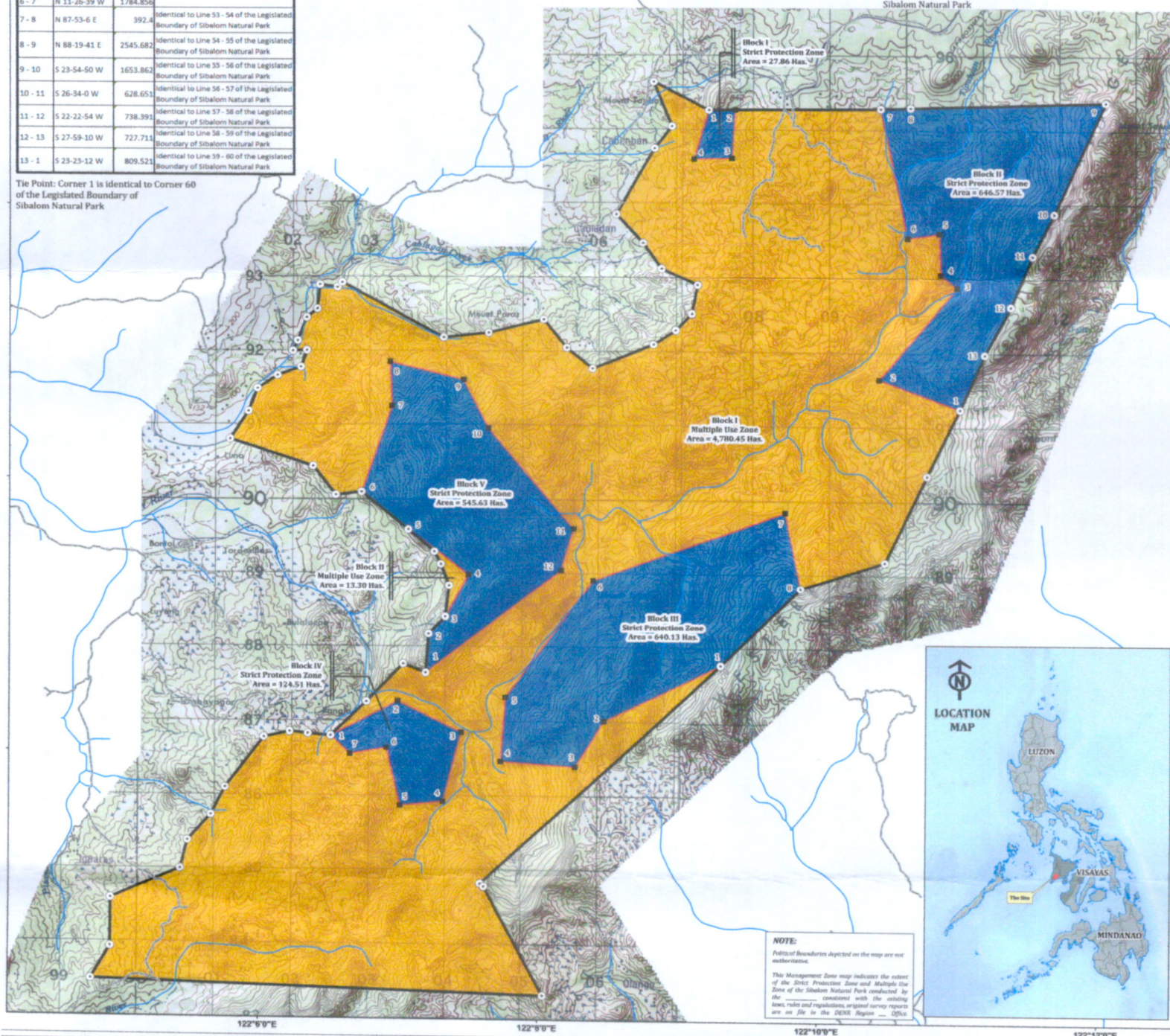
LINE	BEARING	DISTANCE	REMARKS
1 - 2	N 81-56-2 E	988.613	Tied up to Corner 11 of the Legislated Boundary of Sibalom Natural Park
2 - 3	S 63-28-20 E	925.09	
3 - 4	S 14-10-7 W	960.739	
4 - 5	S 84-4-2 W	560.676	
5 - 6	N 13-4-20 W	801.868	
6 - 7	S 79-50-6 W	484.068	
7 - 1	N 45-52-41 W	347.388	

Tie Point: Corner 1 is identical to Corner 11 of the Legislated Boundary of Sibalom Natural Park

Block No. V - Strict Protection Zone

LINE	BEARING	DISTANCE	REMARKS
1 - 2	N 3-58-44 E	534.391	Tied to Corner 14 and identical to Line 14-15 of Legislated Boundary of SNP
2 - 3	N 43-6-42 E	318.48	Identical to Line 15 - 16 of the Legislated Boundary of Sibalom Natural Park
3 - 4	N 27-42-2 E	646.061	
4 - 5	N 51-55-42 W	996.216	
5 - 6	N 50-47-33 W	790.961	Identical to Line 20 - 21 of the Legislated Boundary of Sibalom Natural Park
6 - 7	N 18-55-34 E	1227.766	
7 - 8	N 2-23-46 W	601.368	
8 - 9	S 75-59-27 E	983.833	
9 - 10	S 26-9-3 E	733.502	
10 - 11	S 39-38-40 E	1747.673	
11 - 12	S 15-52-14 W	591.147	
12 - 1	S 51-39-32 W	2265.92	

Tie Point: Corner 1 is identical to Corner 14 of the Legislated Boundary of Sibalom Natural Park



122°0'0"E

122°0'0"E

122°10'0"E

122°12'0"E



MANAGEMENT ZONE OF SIBALOM NATURAL PARK (Cambria, 36, Bold, All Caps, and Centered)

SITUATED IN THE
MUNICIPALITY/MUNICIPALITIES OF _____
PROVINCE/PROVINCES OF _____
(Cambria, 28, Normal, All Caps, and Centered)

SCALE: 1:20,000
0 1.75 3.5 7 10.5 14
Kilometers
Universal Transverse Mercator (UTM), Zone 51 N
Philippine Reference System of 1992 (PRS92)
(Cambria, 20, Normal, and Centered)

LEGEND

- Protected Area Corner
- Management Zone Corner
- Road Network
- River System
- Protected Area Boundary
- Multiple Use Zone
- Strict Protection Zone

Management Zone Areas:

Strict Protection Zone = _____ Hectares
Multiple Use Zone = _____ Hectares
(Cambria, 18, Normal)

Prepared by:

NAME _____
Cartographer

Under the Supervision of:

NAME _____
Chief, Surveys and Mapping Division

NAME _____
Chief, Conservation and Development Division

NAME _____
Protected Area Superintendent (PASu)
PAMO - Sibalom Natural Park



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Regional Office 6
Protected Area Management Office - Sibalom Natural Park

CERTIFICATION

This is to certify that this is the Management Zone Map of Sibalom Natural Park pursuant to the provisions of the Republic Act 7586 otherwise known as the National Integrated Protected Areas System (NIPAS) Act as amended by Republic Act 11038 or the Expanded National Integrated Protected Areas System Act of 2018.

These Management Zones were identified, designated thru the adoption of the Protected Area Management Board - Sibalom Natural Park thru PAMB Resolution No. _____ Series of _____ and delineated by the _____ DENR _____ in accordance with the standard procedures on survey and mapping of the DENR.

Noted by:

NAME OF ARDTS
Assistant Regional Director
for Technical Services

Approved by:

NAME of Regional Executive Director
Regional Executive Director, DENR - _____