



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

DENR MIMAROPA RECORDS SECTION	
RECEIVED	
BY:	<i>[Signature]</i>
DATE:	MAR 29 2023
TIME:	

19

February 20, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR - MIMAROPA Region

THRU : The OIC-Assistant Regional Director
For Technical Services

FROM : The OIC, Provincial Environment and
Natural Resources Officer

SUBJECT : SUBMISSION OF PATROLLING/MONITORING REPORT FOR
LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM
OF PENRO MARINDUQUE FOR THE MONTH OF FEBRUARY
2023

Forwarded herewith is the monthly reports dated February 20, 2023, with enclosed Narrative/Summary Reports, Geo-tagged Photos and Patrol Reports generated thru LAWIN and SMART applications by the concerned patrol teams of the Monitoring and Enforcement Section (MES) and Protected Area Management Office (PAMO).

Please be informed that the said teams of the PENRO Marinduque LAWIN Forest and Biodiversity Protection System had accomplished the total distance of 42.41 kilometers, within forest conservations areas in different barangays of Gasan, Boac, Santa Cruz and Buenavista municipalities of this province, for the month of February, 2023.

For information and record.

[Signature]
IMELDA M. DIAZ



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

February 20, 2023

MEMORANDUM

**FOR : The Regional Executive Director
DENR - MIMAROPA Region**

**THRU : The OIC-Assistant Regional Director
For Technical Services**

**FROM : The OIC, Provincial Environment and
Natural Resources Officer**

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2023.**

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For information and record.

IMELDA M. DIAZ



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

February 20, 2023

MEMORANDUM

**FOR : The Regional Executive Director
DENR - MIMAROPA Region**

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For Technical Services**

**FROM : The OIC, Provincial Environment and
Natural Resources Officer**

**SUBJECT : SUBMISSION OF PATROLLING/MONITORING REPORT FOR
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Forwarded herewith is the monthly reports dated February 20, 2023, with enclosed Narrative/Summary Reports, Geo-tagged Photos and Patrol Reports generated thru LAWIN and SMART applications by the concerned patrol teams of the Monitoring and Enforcement Section (MES) and Protected Area Management Office (PAMO).

Please be informed that the said teams of the PENRO Marinduque LAWIN Forest and Biodiversity Protection System had accomplished the total distance of 42.41 kilometers, within forest conservations areas in different barangays of Gasan, Boac, Santa Cruz and Buenavista municipalities of this province, for the month of February, 2023.

For information and record.


IMELDA M. DIAZ



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

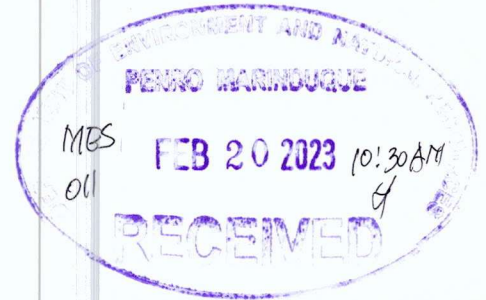
MEMORANDUM

FOR : The OIC-Provincial Environment and Natural Resources Officer

THRU : The Chief, Technical Services Division

FROM : Forest Ranger/ LAWIN Data Manager

SUBJECT : REPORT ON PATROLLING/MONITORING WITHIN THE CONSERVATION AREA OF PENRO-MARINDUQUE THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM FOR THE MONTH OF FEBRUARY 2023.



Submitted herewith is the patrolling/monitoring report of Monitoring and Enforcement Section thru LAWIN Forest and Biodiversity Protection System. Please be informed that the team 1 of Technical Services had patrolled/accomplished a total distance of 11.82 **kilometers** covering Barangays of Tawiran, Biga and Alobo in the municipality of Santa Cruz going to Barangay of Kayduke in the municipality of Torrijos, Marinduque for the month of February 2023.

Attached is the Narrative/Summary report with Geotagged photos and Patrol report generated thru LAWIN Forest and Biodiversity Protection System and SMART application.

For information and record.

Noted By:


MICHAEL JOSEPH A. MARANAN


DON GIBSON D. MERCADO
Forester I/In-Charge, MES



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

Patrolling/Monitoring Report of Team 1 M
within the Conservation Area (C
For

Team 1 Regulation and Enforcement Section

Month	Day	Week	Patroll No.	Team Leader	Team M
February	1	1	174000_000725	Michael Joseph A. Maranan	Eduardo Florante Jake F. V Jerahme Jonathai Randy N Tristan J
February	1	1	174000_000726	Florante G. Fandalian, JR.	Eduardo Florante Jake F. V Jerahme Jonathai Michael Randy Tristan
February	1	1	174000_000727	Don Gibson Mercado	Eduardo Florante Jake F. Jerahme Michael Randy Tristan
February	7	2	174000_000728	Michael Joseph A. Maranan	Eduardo Florante Jake F. Jerahme

Month	Day	Week	Patroll No.	Team Leader	Team Me
					Michael Jo
					Tristan Jos
February	7	2	174000_000729	Michael Joseph A. Maranan	Eduardson
					Florante G
					Jake F. Val
					Jerahmee
					Jonathan
					Michael Jo
					Rica Quer
					Tristan Jo
February	7	2	174000_000730	Michael Joseph A. Maranan	Eduardson
					Florante
					Jake F. Vi
					Jerahmei
					Jonathan
					Michael
					Rica Que
					Tristan J
February	7	2	174000_000731	Michael Joseph A. Maranan	Eduards
					Florante
					Jake F. V
					Jerahmei
					Jonatha
					Michae
					Rica Qu
					Tristan
February	15	3	174000_000737	Michael Joseph A. Maranan	
					Florant
					Jake F.
					Michae
					Michae
Total LAWIN Kilometer distance for the Month of February 2023					

Prepared By:

MICHAEL JOSEPH A. MARANAN
Forest Ranger/Data Manager

Reviewed By:

DON
Fore



February 6, 2023

MEMORANDUM

FOR : The OIC, PENR Officer

THRU : The Chief, Technical Services Division (TSD)

FROM : The Forest Rangers
The Forest Protection Officer

SUBJECT : **PATROLLING/MONITORING REPORT OF MONITORING AND ENFORCEMENT TEAM OF TECHNICAL SERVICES DIVISION WITHIN THE CONSERVATION AREAS THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM IN BARANGAY. BIGA, ALOBO AND POLO, SANTA CRUZ, MARINDUQUE ON FEBRUARY 1-3, 2023**

In compliance with the target activities of Technical Services Division, Monitoring and Enforcement (MES), please be informed that the undersigned had conducted patrolling/monitoring at mangroves forest conservation areas covering at Barangay. Biga, Aloba and Polo, Sta.Cruz, Marinduque.

Please be informed that the team had coordinated with the concerned LGU's regarding the LAWIN team's purpose before conducting patrolling within their administrative jurisdictions particularly in mangroves forest. Based on the forest condition observed were well grown mangroves. The established plantations were protected and well maintained by the Barangay Local Government units (LGUs). The undersigned observed that the NGP CY 2015 mangroves plantation sites at Barangay Aloba and Polo, Sta. Cruz, Marinduque were fully grown. The team also monitored the 2013 established mangrove plantation under National Greening Program (NGP) at Barangay Biga, Sta. Cruz, Marinduque and found out that mangroves were well maintained by the People's Organization and the LGU. The undersigned had no encountered illegal forest activities during the actual patrolling in the area.

On the other hand, the team has accomplished a total distance of 4.04 kilometers as an output of LAWIN patrolling activities in the three (3) Barangays.

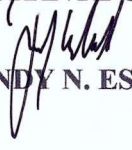
Please find attached geo-tagged photos of the said activity and generated patrol data from Cyber Tracker thru LAWIN/SMART system apps.

For information, record and further instruction.


MICHAEL JOSEPH A. MARANAN


JERAMEL L. BRONCE


FLORANTE G. FANDALIAN


RANDY N. ESTRELLA


TRISTAN JOSHUA O. SAET

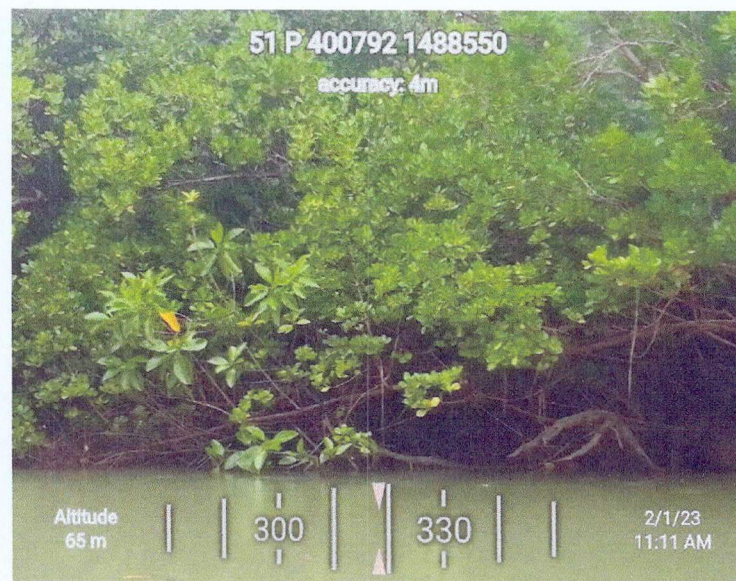

JAKE F. VALENCIA


EDUARDSON N. BUATIS


JONATHAN L. TELAN



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque



Geo Tagged Photos During patrolling/monitoring within the mangrove areas in Barangay. Biga, Sta. Cruz,
Marinduque.

[Handwritten signatures]



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

51 P 399886 1491021

accuracy: 8m

Altitude
53 m

60



120

2/2/23
11:56 AM

51 P 399961 1491115

accuracy: 8m

Altitude
52 m

E

120

150

2/2/23
11:57 AM

51 P 399953 1491107

accuracy: 8m

Altitude
51 m

E



120

150

2/2/23
11:57 AM

51 P 400030 1491175

accuracy: 8m

Altitude
48 m

120

150

2/2/23
11:58 AM

51 P 400096 1491240

accuracy: 8m

Altitude
50 m

0



120

2/2/23
11:59 AM

51 P 400322 1491235

accuracy: 8m

Altitude
50 m

150

S

2/2/23
12:01 PM

Geo-Tagged Photos during patrolling/monitoring within the mangrove areas in Barangay,
Alobo, Sta. Cruz, Marinduque.

[Handwritten signatures]



Patrol Report

Region 04B - Marinduque

20 Feb 2023 10:51 AM

This report provides a summary of the patrol with the ID 174000_000725

Patrol Summary

Number of Patrollers

8

Distance (km)

1.15

Date of Patrol

1 Feb 2023

Mandate

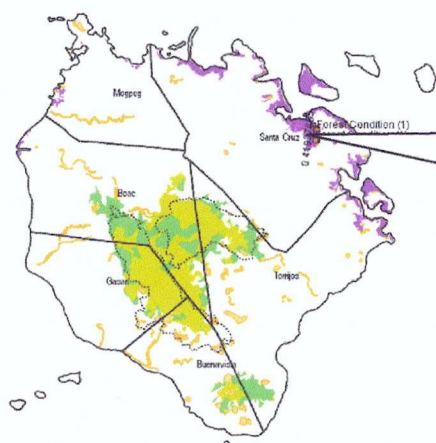
Threats-focused Monitoring

Patrol Leader

Michael Joseph Maranan

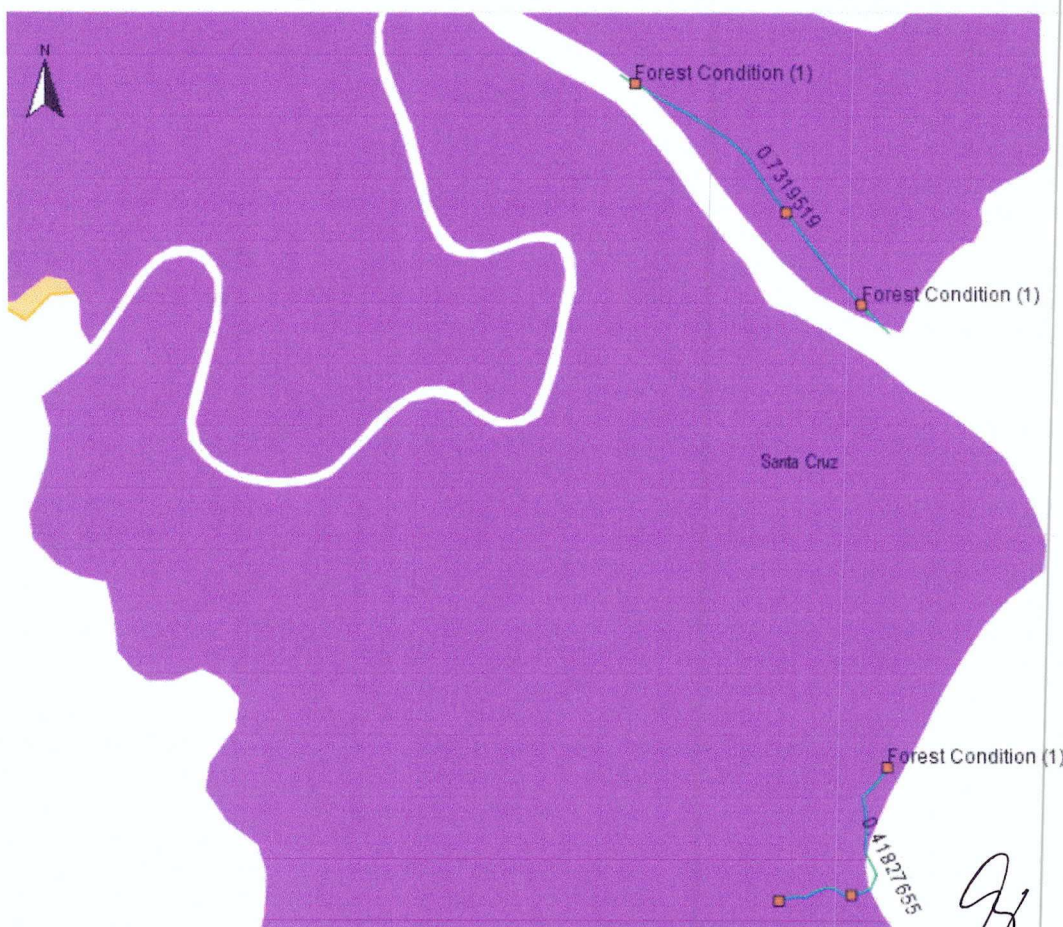
Patrollers

Eduardson N. Buatis
Florante Fandialan Jr.
Jake F. Valencia
Jerahmeel Bronce
Jonathan L. Telan
Michael Joseph Maranan
Randy Estrella
Tristan Joshua Saet



LAWIN patrolling and monitoring within mangrove conservation area at Bargy Tawiran, Sta. Cruz, Marinduque

Patrol Route





Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		6				4	2	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 1.15 kilometers patrol distance within conservation area at Barangay of Tawiran in the Municipality of Santa Cruz, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Region 04B - Marinduque

6 Feb 2023 9:42 AM

This report provides a summary of the patrol with the ID 174000 000726

Patrol Summary

Number of Patrollers

8

Distance (km)

2.62

Date of Patrol

1 Feb 2023

Mandate

Threats-focused Monitoring

Patrol Leader

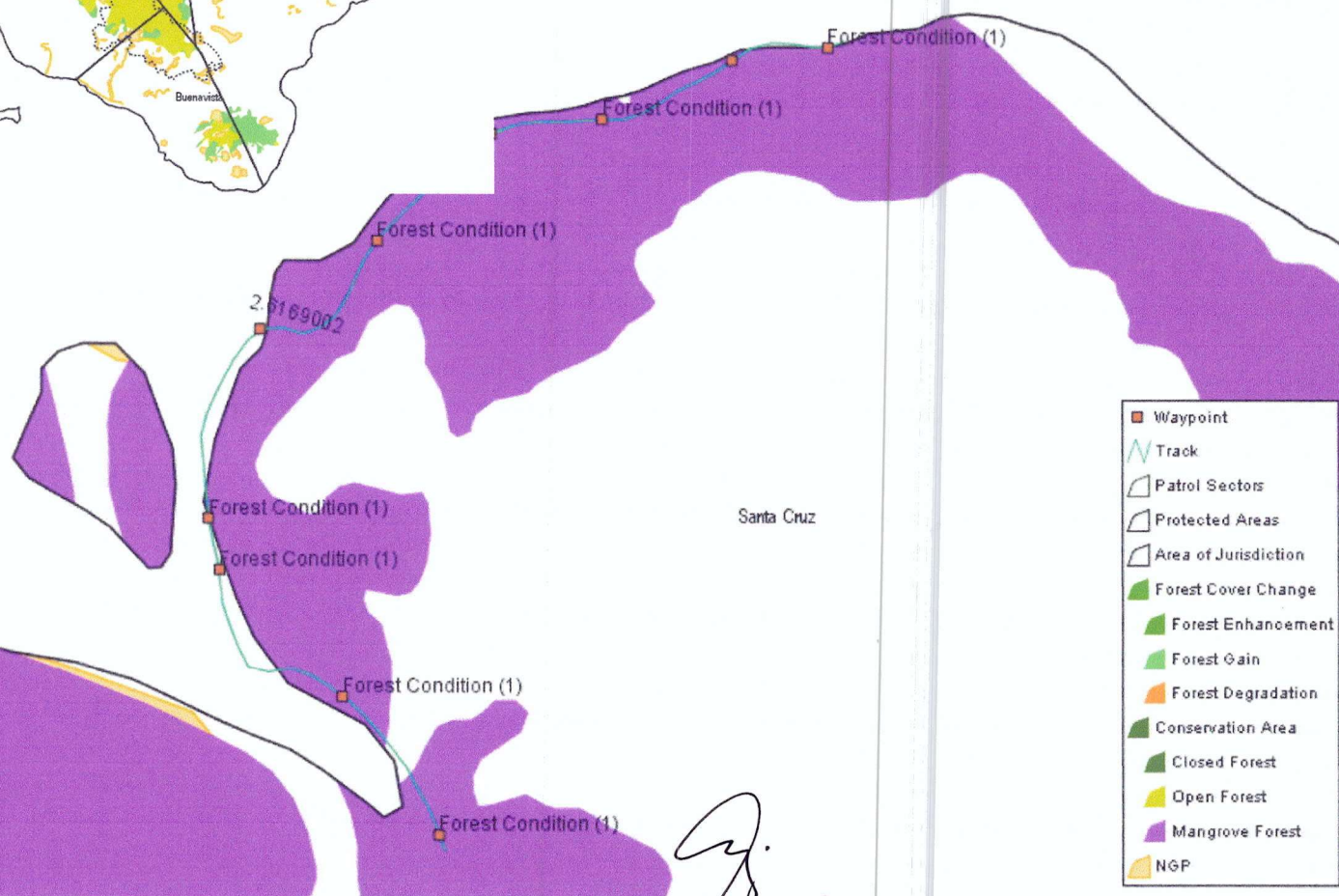
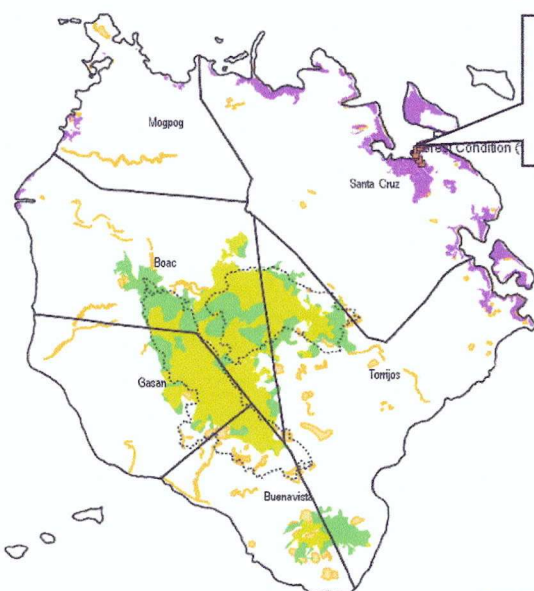
Florante Fandialan Jr.

Patrollers

Edwardson N. Buatis
Florante Fandalian Jr.
Jake F. Valencia
Jerahmeel Bronce
Jonathan L. Telan
Michael Joseph Maranan
Randy Estrella
Tristan Joshua Saet

LAWIN patrolling and monitoring within mangrove conservation area at Bargy Biga, Sta. Cruz, Marinduque

Patrol Route





Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		8	2			9	1	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 2.62 kilometers patrol distance within conservation area at Barangay of Biga in the Municipality of Santa Cruz, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Patrol Report

Region 04B - Marinduque

6 Feb 2023 9:44 AM

This report provides a summary of the patrol with the ID 174000_000727

Patrol Summary

Number of Patrollers

9

Distance (km)

0.27

Date of Patrol

3 Feb 2023

3 Feb 2023

Mandate

Threats-focused Monitoring

Threats-focused Monitoring

Patrol Leader

Don Gibson Mercado

Don Gibson Mercado

Patrollers

Don Gibson Mercado

Eduardson N. Buatis

Florante Fandialan Jr.

Jake F. Valencia

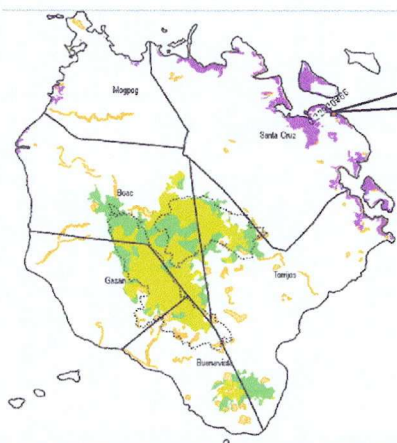
Jerahmeel Bronce

Jonathan L. Telan

Michael Joseph Maranan

Randy Estrella

Tristan Joshua Saet



LAWIN patrolling and monitoring within mangrove conservation area at Bargy Aloba, Sta. Cruz, Marinduque

Patrol Route





Republic of the Philippines

Department of Environment and Natural Resources

Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		3	1			3	1	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 0.27 kilometers patrol distance within conservation area at Barangay of Balogo in the Municipality of Santa Cruz, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



February 20, 2023

MEMORANDUM

FOR : The OIC, PENR Officer

THRU : The Chief, Technical Services Division (TSD)

FROM : The Forest Rangers
The Forest Protection Officer

SUBJECT : **PATROLLING/MONITORING REPORT OF MONITORING AND ENFORCEMENT TEAM OF TECHNICAL SERVICES DIVISION WITHIN THE CONSERVATION AREAS THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM IN BARANGAY. KAYDUKE, TORRIJOS MARINDUQUE ON FEBRUARY 7, 2023**

In compliance with the target activities of Technical Services Division, Monitoring and Enforcement (MES), please be informed that the undersigned had conducted patrolling/monitoring at mangroves forest conservation areas covering at Barangay Kayduke, Torrijos, Marinduque.

Please be informed that the team had coordinated with the concerned LGU's regarding the LAWIN team's purpose before conducting patrolling within their administrative jurisdictions particularly in mangroves forest. Based on the forest condition observed were well grown mangroves. The established plantations were protected and well maintained by the Barangay Local Government units (LGUs). The undersigned observed that the NGP CY 2015 mangroves plantation sites at Barangay Kayduke, Torrijos, Marinduque were fully grown and found out that mangroves were well maintained by the People's Organization and the LGU. The undersigned had no encountered illegal forest activities during the actual patrolling in the area.

On the other hand, the team has accomplished a total distance of 5.57 kilometers as an output of LAWIN patrolling activities in the one (1) Barangay.

Please find attached geo-tagged photos of the said activity and generated patrol data from Cyber Tracker thru LAWIN/SMART system apps.

For information, record and further instruction.


MICHAEL JOSEPH A. MARANAN


JERAME L. BRONCE


FLORANTE G. FANDALIAN


RICA QUEENIE D. RADOVAN


TRISTAN JOSHUA O. SAET

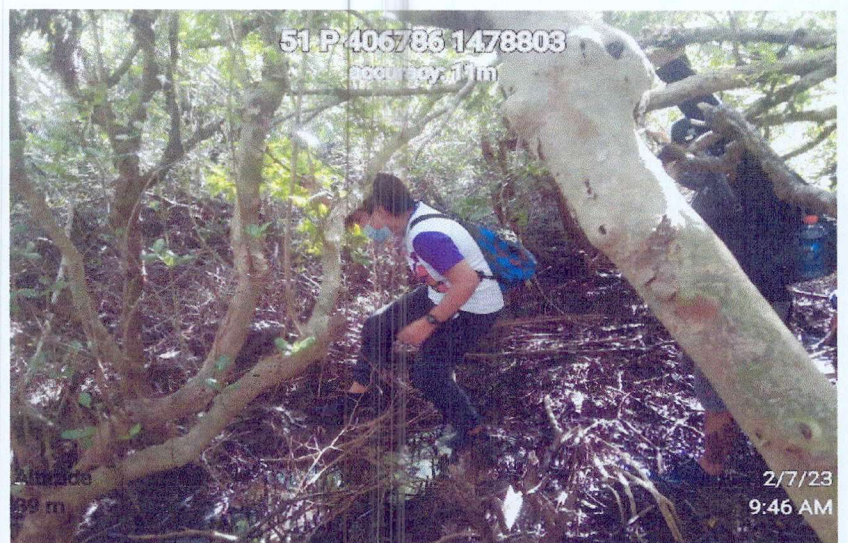
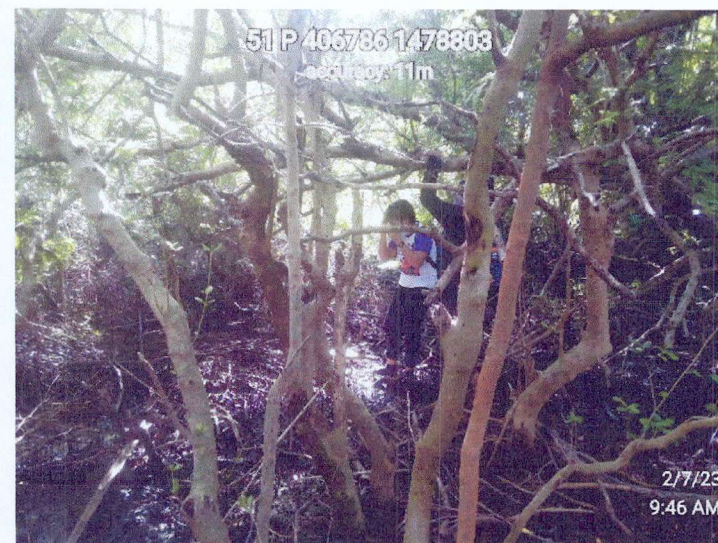

JAKE F. VALENCIA


EDUARDSON N. BUATIS

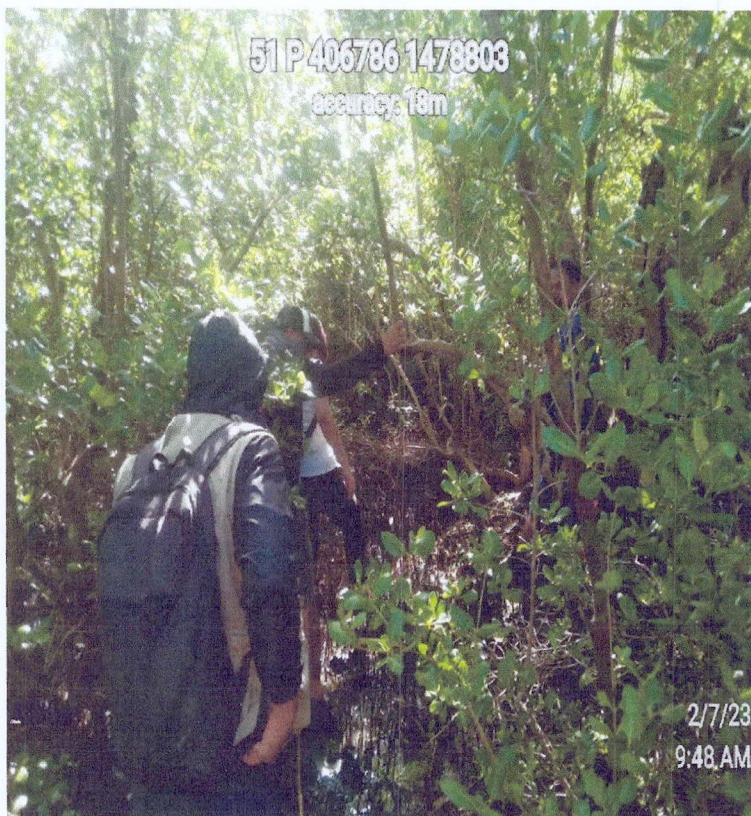
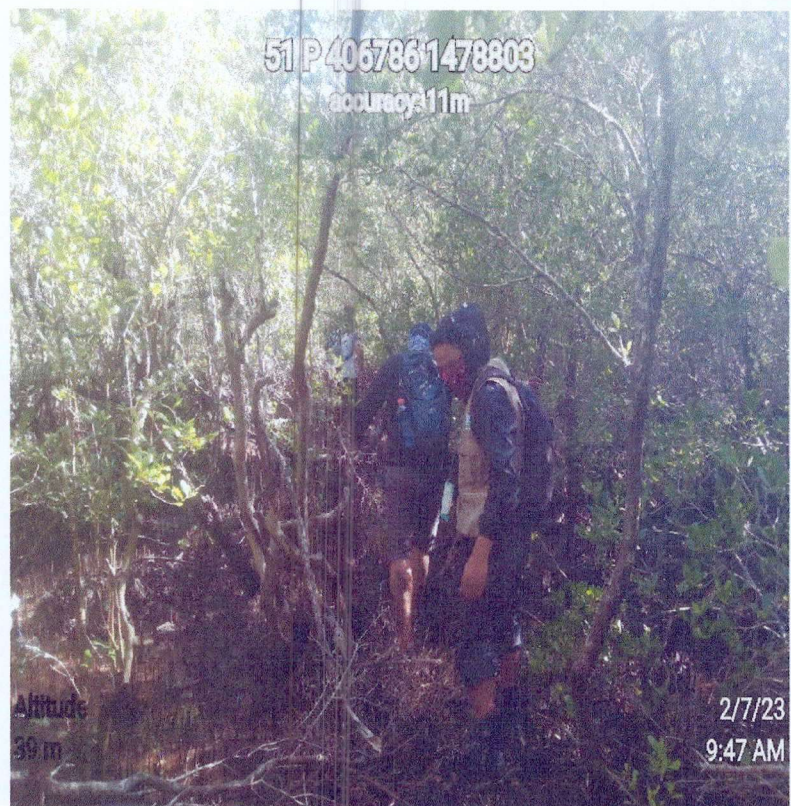

JONATHAN L. TELAN



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque



Geo-tagged photos during the monitoring/patrolling on the mangrove area
at Brgy. Kayduke, Torrijos, Marinduque.



K

Geo-tagged photos during the monitoring/patrolling on the mangrove area
at Brgy. Kayduke, Torrijos, Marinduque.

g h

KS

24



Patrol Report

Region 04B - Marinduque

8 Feb 2023 7:10 AM

This report provides a summary of the patrol with the ID 174000_000728

Patrol Summary

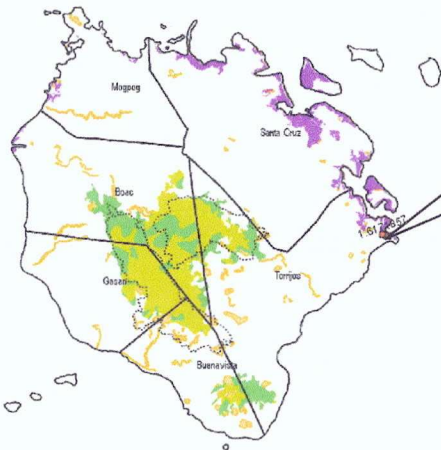
Number of Patrollers	Distance (km)
8	1.62

Date of Patrol
7 Feb 2023

Mandate
Threats-focused Monitoring

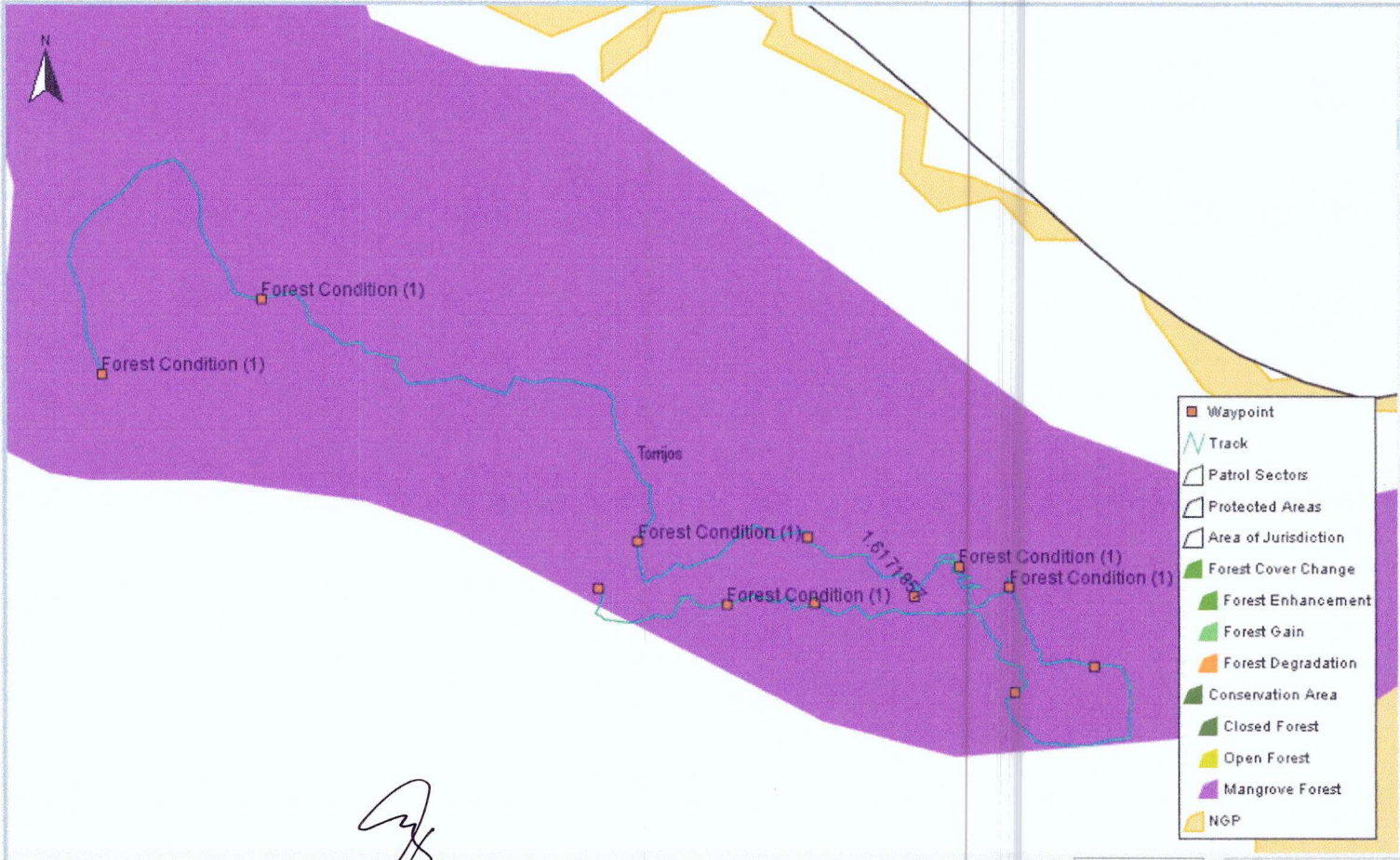
Patrol Leader
Michael Joseph Maranan

Patrollers
Eduardson N. Buatis
Florante Fandialan Jr.
Jake F. Valencia
Jerahmeel Bronce
Jonathan L. Telan
Michael Joseph Maranan
Rica Quennie D. Radovan
Tristan Joshua Saet



LAWIN patrolling and monitoring within mangrove conservation area at Barga Kayduke, Torrijos, Marinduque

Patrol Route





Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
	4	5	3		1	9	2	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

			List of Observed Threats		
Waypoint ID	X	Y	Threat	Action Taken	Level of response required


Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 1.62 kilometers patrol distance within conservation area at Barangay of Kayduke in the Municipality of Torrijos, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Patrol Report

Region 04B - Marinduque

8 Feb 2023 7:10 AM

This report provides a summary of the patrol with the ID 174000_000729

Patrol Summary

Number of Patrollers

8

Distance (km)

0.93

Date of Patrol

7 Feb 2023

Mandate

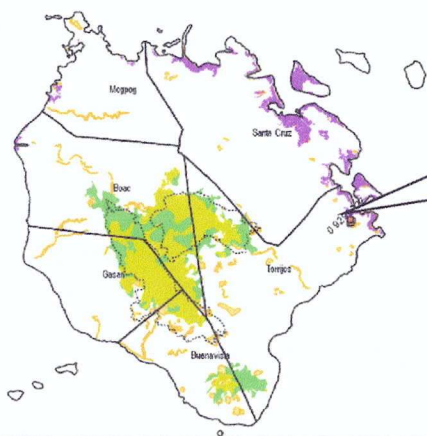
Threats-focused Monitoring

Patrol Leader

Michael Joseph Maranan

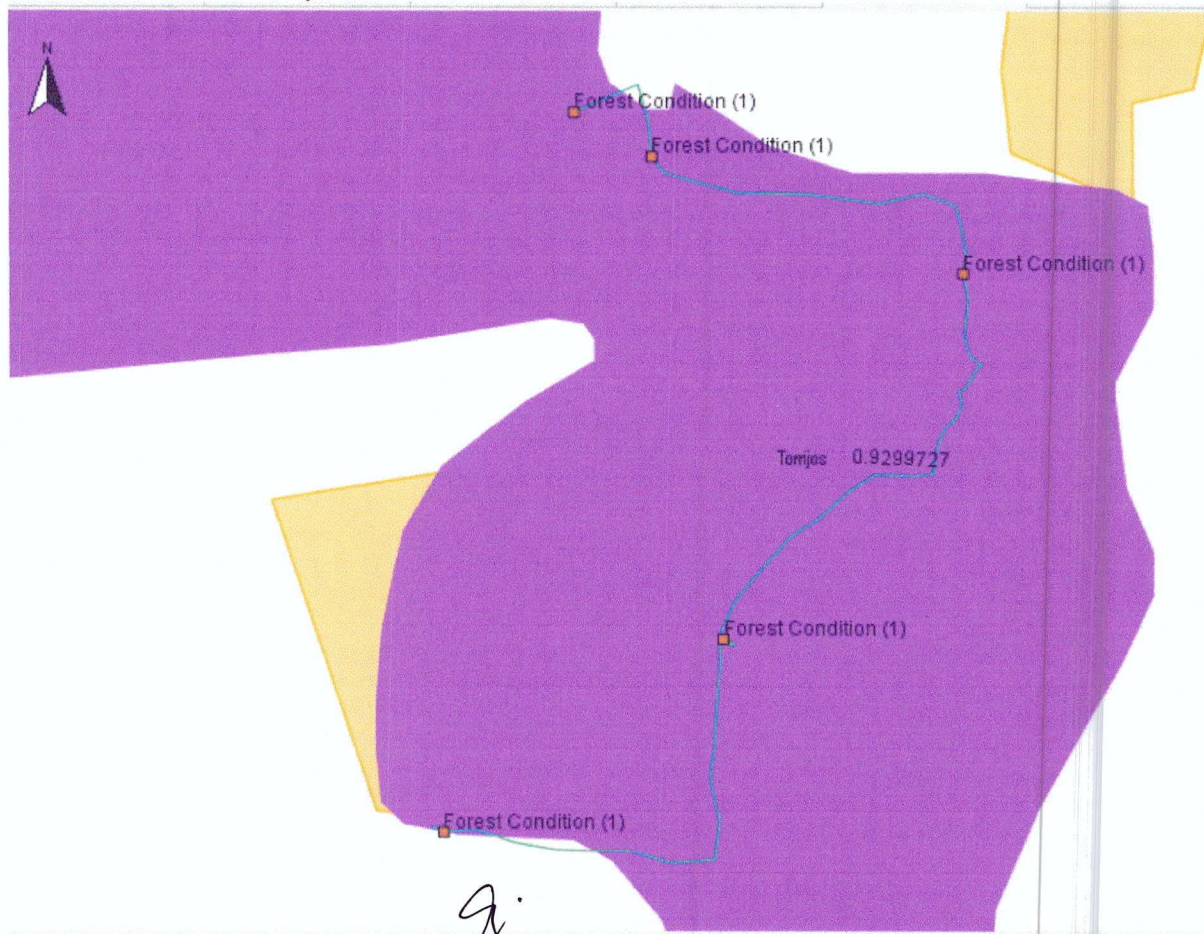
Patrollers

Eduardson N. Buatis
Florante Fandialan Jr.
Jake F. Valencia
Jerahmeel Bronce
Jonathan L. Telan
Michael Joseph Maranan
Rica Quennie D. Radovan
Tristan Joshua Saet



LAWIN patrolling and monitoring within mangrove conservation area at Bargy Kayduke, Torrijos, Marinduque

Patrol Route



- Waypoint
- Track
- Patrol Sectors
- Protected Areas
- Area of Jurisdiction
- Forest Cover Change
- Forest Enhancement
- Forest Gain
- Forest Degradation
- Conservation Area
- Closed Forest
- Open Forest
- Mangrove Forest
- NGP



Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
	1	3	1			2	3	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 0.93 kilometers patrol distance within conservation area at Barangay of Kayduke in the Municipality of Torrijos, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Patrol Report

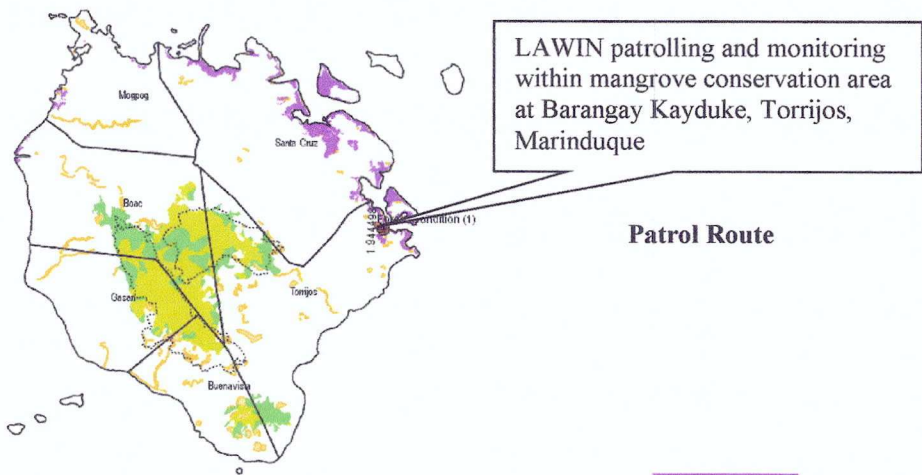
Region 04B - Marinduque

8 Feb 2023 7:13 AM

This report provides a summary of the patrol with the ID 174000_000730

Patrol Summary

Number of Patrollers		Distance (km)	
8		1.94	
Date of Patrol	Mandate	Patrol Leader	Patrollers
7 Feb 2023	Threats-focused Monitoring	Michael Joseph Maranan	Eduardson N. Buatis Florante Fandialan Jr. Jake F. Valencia Jerahmeel Bronce Jonathan L. Telan Michael Joseph Maranan Rica Quennie D. Radovan Tristan Joshua Saet



Patrol Route





Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		8	3			4	7	

Summary of Observed Threats


Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

Waypoint ID		X		Y		List of Observed Threats	Action Taken	Level of response required
						Threat		

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 1.94 kilometers patrol distance within conservation area at Barangay of Kayduke in the Municipality of Torrijos, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Patrol Report

Region 04B - Marinduque

8 Feb 2023 7:14 AM

This report provides a summary of the patrol with the ID 174000_000731

Patrol Summary

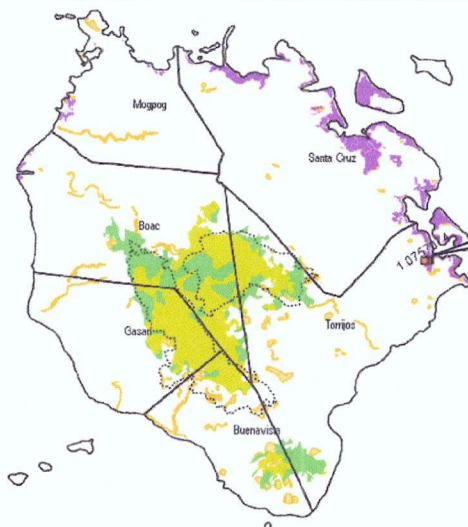
Number of Patrollers	Distance (km)
8	1.08

Date of Patrol
7 Feb 2023

Mandate
Threats-focused Monitoring

Patrol Leader
Michael Joseph Maranan

Patrollers
Eduardson N. Buatis
Florante Fandialan Jr.
Jake F. Valencia
Jerahmeel Bronce
Jonathan L. Telan
Michael Joseph Maranan
Rica Quennie D. Radovan
Tristan Joshua Saet



LAWIN patrolling and monitoring within mangrove conservation area at Barangay Kayduke, Torrijos, Marinduque

Patrol Route





Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		3	3			4	2	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

Waypoint ID	X	Y	<u>List of Observed Threats</u> Threat	Action Taken	Level of response required
-------------	---	---	---	--------------	----------------------------

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 1.08 kilometers patrol distance within conservation area at Barangay of Kayduke in the Municipality of Torrijos, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



February 20, 2023

MEMORANDUM

FOR : The OIC, PENR Officer

THRU : The Chief, Technical Services Division (TSD)

FROM : The Forest Technician I
The Forest Rangers
The Forest Protection Officer

SUBJECT : **PATROLLING/MONITORING REPORT OF MONITORING AND ENFORCEMENT TEAM OF TECHNICAL SERVICES DIVISION WITHIN THE CONSERVATION AREAS THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM IN BARANGAY TAMBUNAN, BOAC, MARINDUQUE**

In compliance with the target activities of Technical Services Division, Monitoring and Enforcement Section (MES), please be informed that the undersigned had conducted patrolling/monitoring at closed forest conservation areas covering at Barangay Tambunan, Boac, Marinduque.

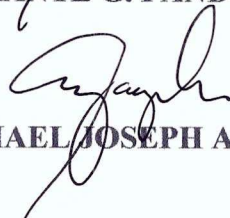
Please be informed that the team had coordinated with the concerned LGU's regarding the LAWIN team's purpose before conducting patrolling within their administrative jurisdiction. Based on the forest condition observed were well grown forest trees. The closed forest were protected and well maintained by the Barangay Local Government Units (LGUs). The undersigned observed that the outside protected area naturally grown trees, forest trees/closed canopy were fully grown. The undersigned had no encountered illegal forest activities during the actual patrolling in the area.

On the other hand, the team had accomplished a total distance of 2.21 kilometers as an output of LAWIN patrolling activities in one (1) Barangay.


Please find attached geo-tagged photos of the said activity and generated patrol data from Cyber Tracker thru LAWIN/SMART system apps.

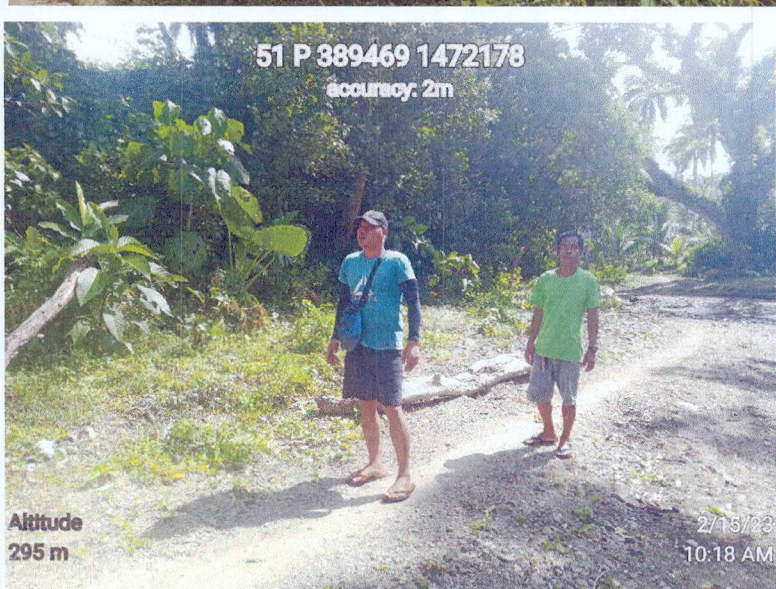
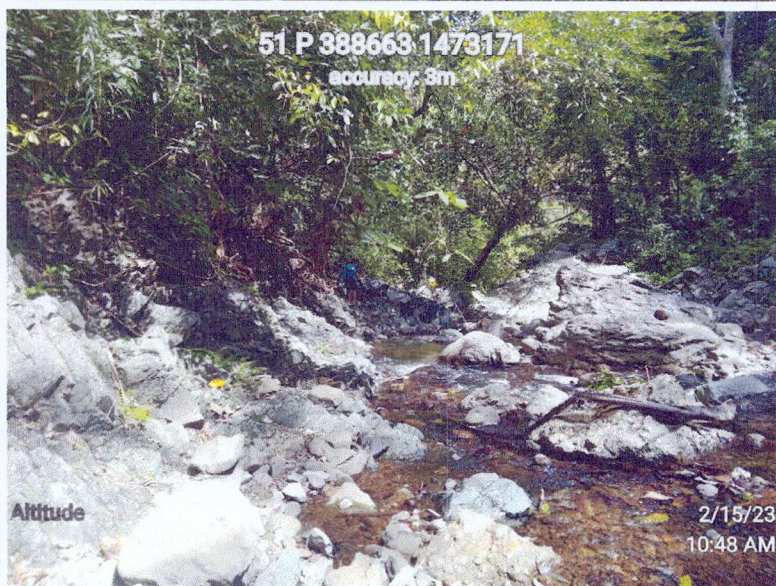
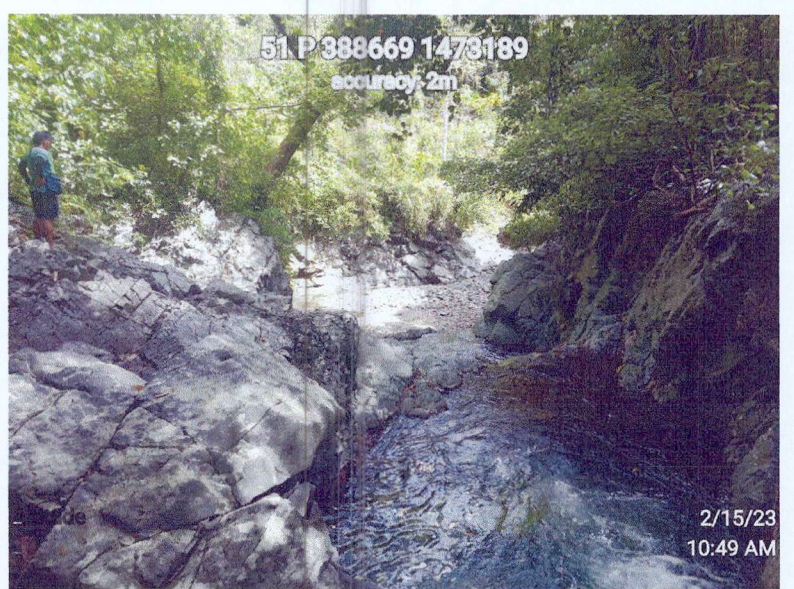
For information, record and further instruction.


FLORANTE G. FANDIALAN JR.


MICHAEL JOSEPH A. MARANAN

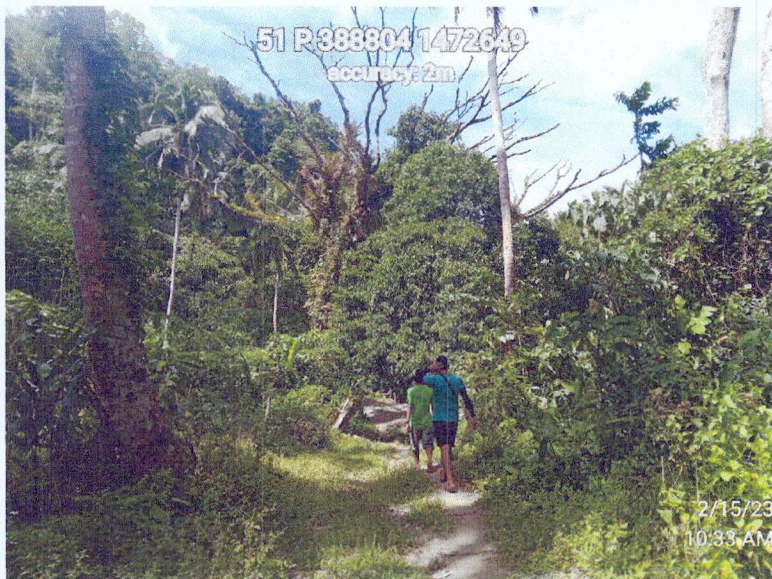
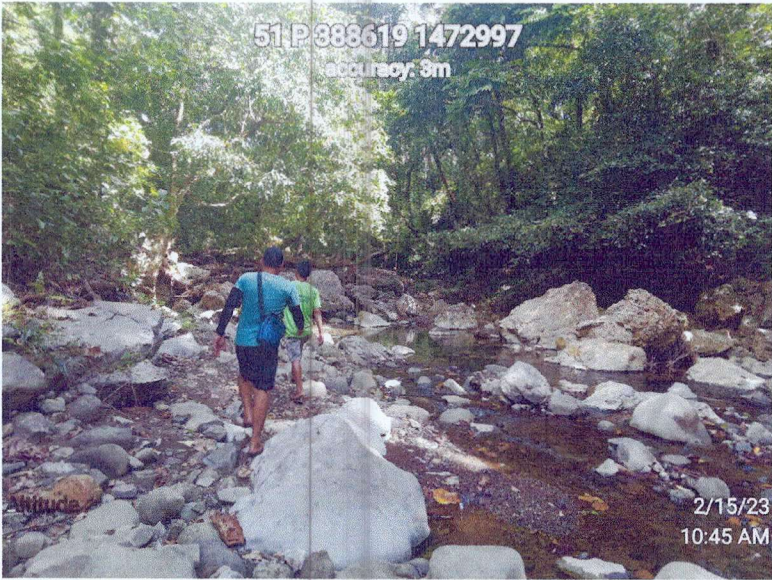
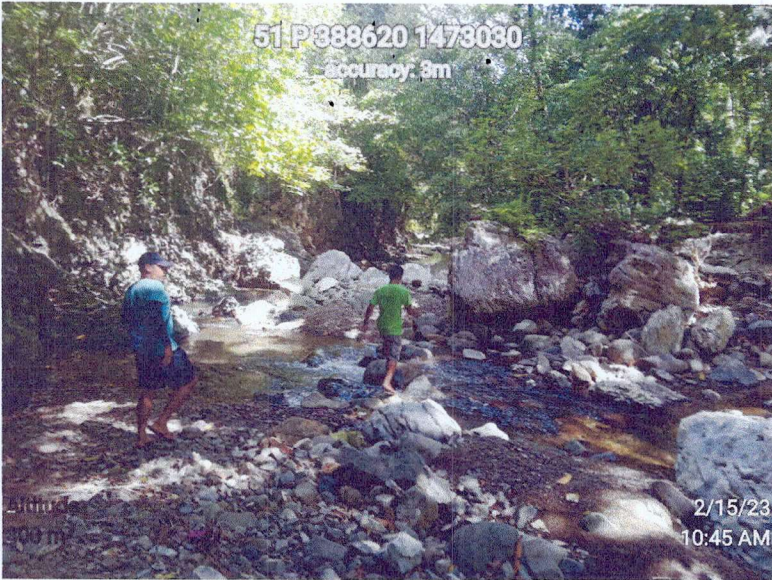

JAKE P. VALENCIA


MICHAEL VENCINT M. SUALOG



K

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Patrol Report

Region 04B - Marinduque

20 Feb 2023 3:36 PM

This report provides a summary of the patrol with the ID 174000_000737

Patrol Summary

Number of Patrollers

4

Distance (km)

2.21

Date of Patrol

15 Feb 2023

Mandate

Threats-focused Monitoring

Patrol Leader

Michael Joseph Maranan

Patrollers

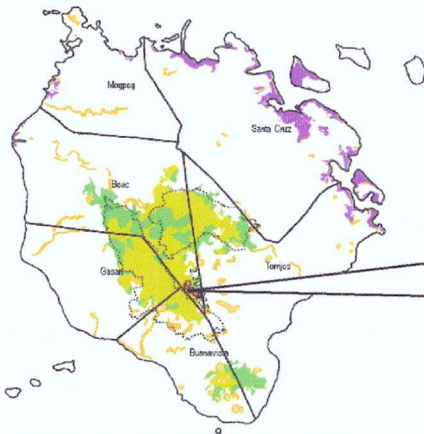
Florante Fandalian Jr.

Jake F. Valencia

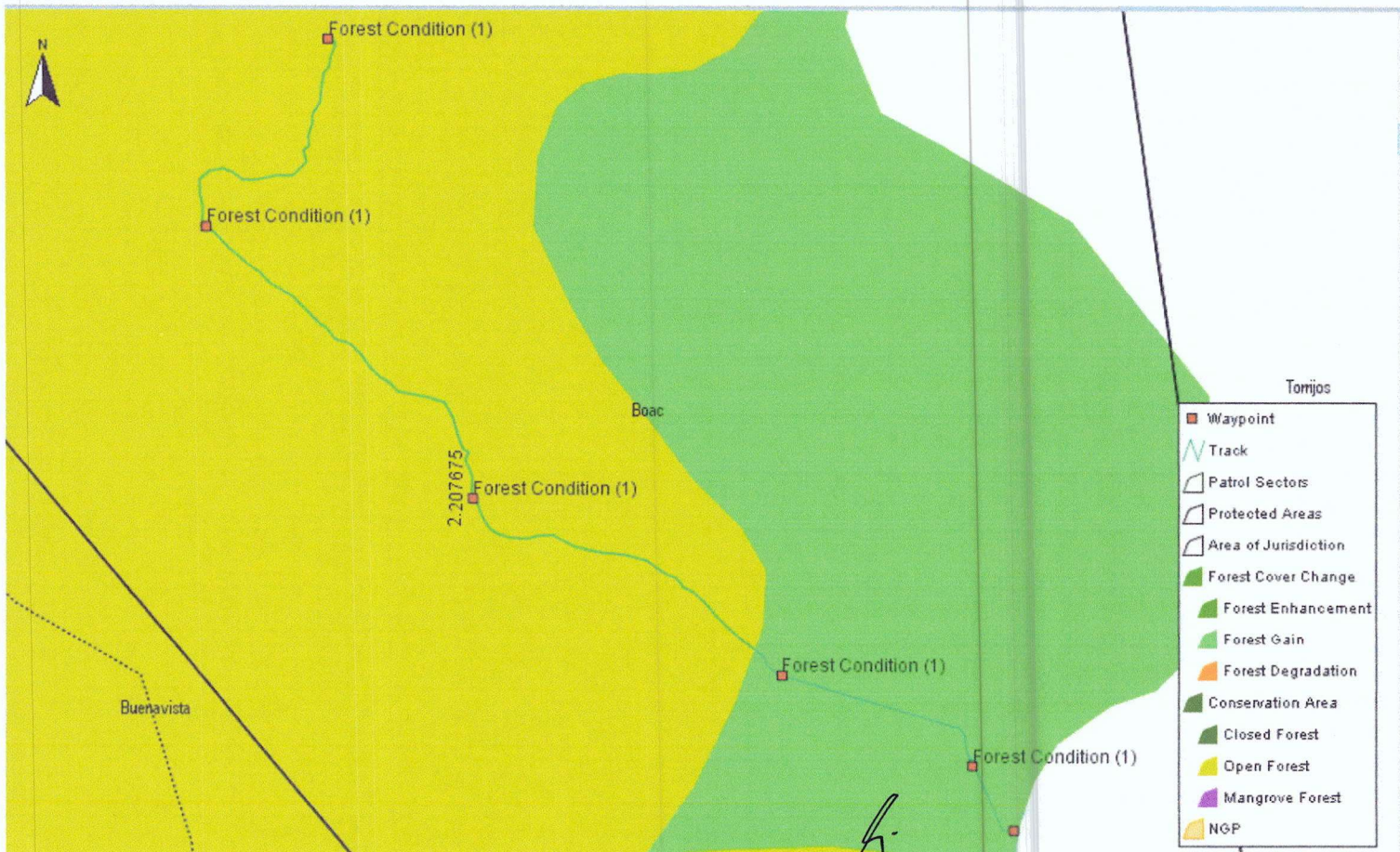
Michael Joseph Maranan

Michael Vencint Sualog

Patrol Route



LAWIN patrolling and monitoring within mangrove conservation area at Barangay Tambunan, Boac, Marinduque





Republic of the Philippines

Department of Environment and Natural Resources

Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		5	1			4	2	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 2.21 kilometers patrol distance within conservation area at Barangay of Tambunan in the Municipality of Boac, Marinduque. Mangrove Forest is in good condition and no threats were recorded.

For your information, record and further instruction.

Prepared by:


MICHAEL JOSEPH A. MARANAN
Forest Ranger/LAWIN Data Manager

Noted By:


DON GIBSON D. MERCADO
Forester I, In-Charge, Monitoring and Enforcement Section



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

PA/MCO
013

PENRO MARINDUQUE

FEB 20 2023

2:30 PM
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February 17, 2023

MEMORANDUM

FOR : The OIC, PENR Officer
Boac Marinduque

THRU : The Protected Area Superintendent
Marinduque Wildlife Sanctuary

FROM : Forest Ranger/LAWIN Data Manager
PA- Marinduque Wildlife Sanctuary

SUBJECT : REPORT OF PATROLLING /MONITORING WITHIN THE CONSERVATION AREA OF PENRO-MARINDUQUE THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM FOR THE MONTH OF FEBRUARY 2023.

Submitted herewith is the patrolling/monitoring report of Protected Area - Marinduque Wildlife Sanctuary for LAWIN Forest and Biodiversity Protection System. Please be informed that the team 2 and 3 had patrolled/accomplished a total distance of 30.59 kilometers for the month of February 2023.

Attached is the Memorandum Report and generated patrol data thru LAWIN Forest and Biodiversity Protection System and SMART application.

For information, record and further instruction.

SHERWIN P. VILLAVICENCIO

Noted By:

EMETERIO M. RECTO
Senior ECOMS/PASu MWS




Republic of the Philippines
Department of Environment and Natural Resources
PENRO MARINDUQUE

February 20, 2023

MEMORANDUM

FOR : The OIC, PENR Officer
Boac, Marinduque

THRU : The Protected Area Superintendent
Marinduque Wildlife Sanctuary 

FROM : Lawin Team No. 2

SUBJECT : REPORT OF LAWIN FOREST AND BIODIVERSITY
PROTECTION SYSTEM CONDUCTED IN MARINDUQUE
WILDLIFE SANCTUARY (MWS) AT BRGY. BAGTINGON,
BUENAVISTA, AND BRGY. TUMAGABOK, BOAC TO
MAKULAPNIT STA CRUZ, MARINDUQUE.

Respectfully submitted is the result of Patrolling using Lawin Forest and Biodiversity Protection System in the Marinduque Wildlife Sanctuary (MWS) covering Brgy. Bagtingon, Buenavista and Brgy. Tumagabok, Boac to Makulapnit, Sta Cruz, Marinduque.

The team composed of the undersigned together with Park Ranger Amando Rivamonte Jr Protection Michael Rocha, Arnulfo Lazo and Biodiversity Protection Assistant Jerry Sarile, and Celestino Lazo were able to patrol a total of 11.75 kilometers.

Generally, the forest within the patrol route is in good condition and protected.


SHERWIN P. VILLAVICENCIO
Forest Ranger



Patrol Report

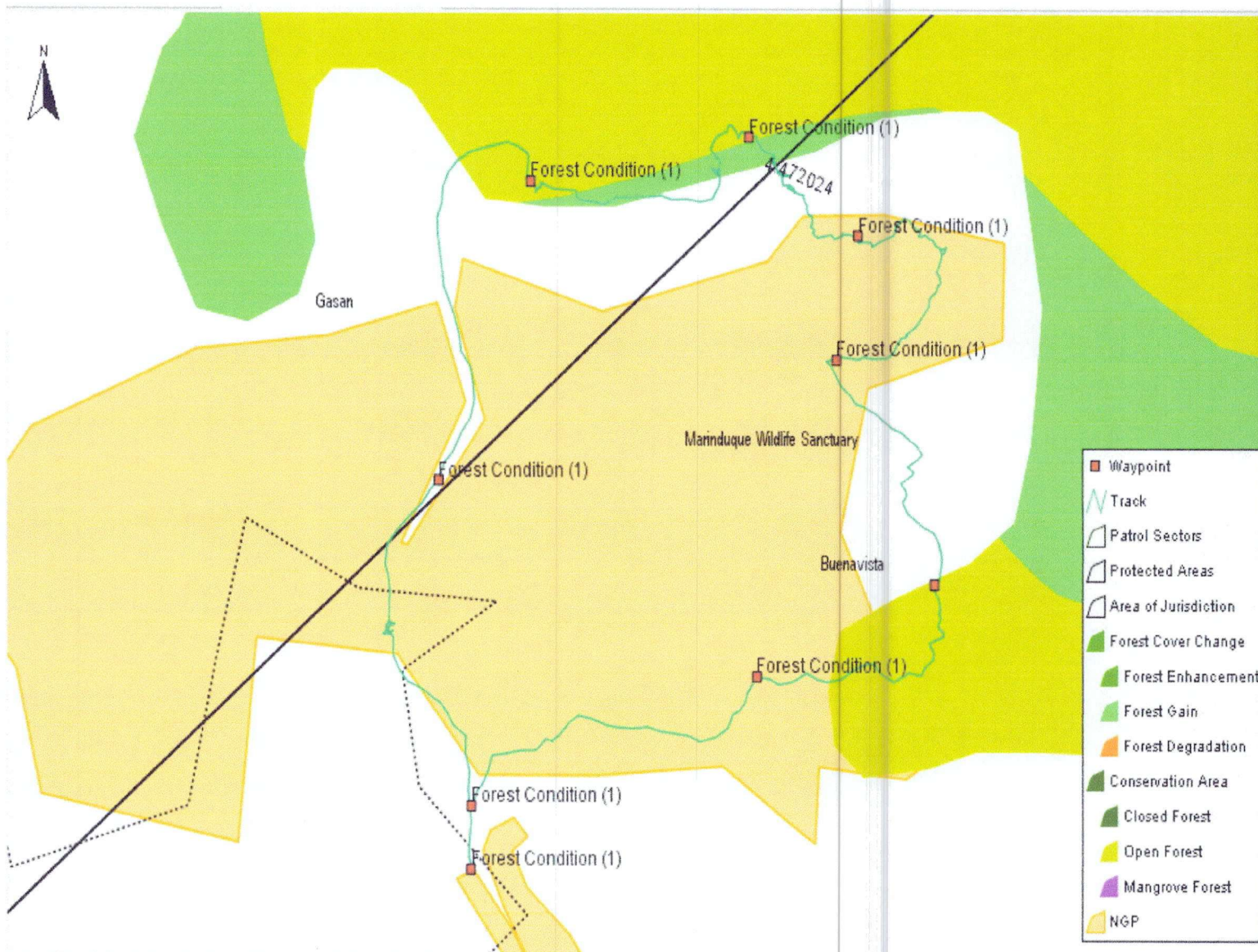
Region 04B - Marinduque

11 Feb 2023 8:36 PM

This report provides a summary of the patrol with the ID 174000_000732

Number of Patrollers		Patrol Summary		Distance (km)
3				4.47
Date of Patrol	Mandate	Patrol Leader	Patrollers	
8 Feb 2023	Indicator Species-focused Monitoring	Sherwin Pastrana Villavicencio	Arnulfo Lazo, Jr. Jerry Sarile Sherwin Pastrana Villavicencio	

Patrol Route





Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
	2	7				6	3	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

List of Observed Threats

Waypoint ID X Y **Threat** **Action Taken** **Level of response required**

Prepared by:

Sherwin P. Villavicencio
SHERWIN P. VILLAVICENCIO
Forest Ranger

Noted by:

Emeterio M. Recto
EMETERIO M. RECTO
SENIOR ECOMS/PASu MWS



Patrol Report

Region 04B - Marinduque

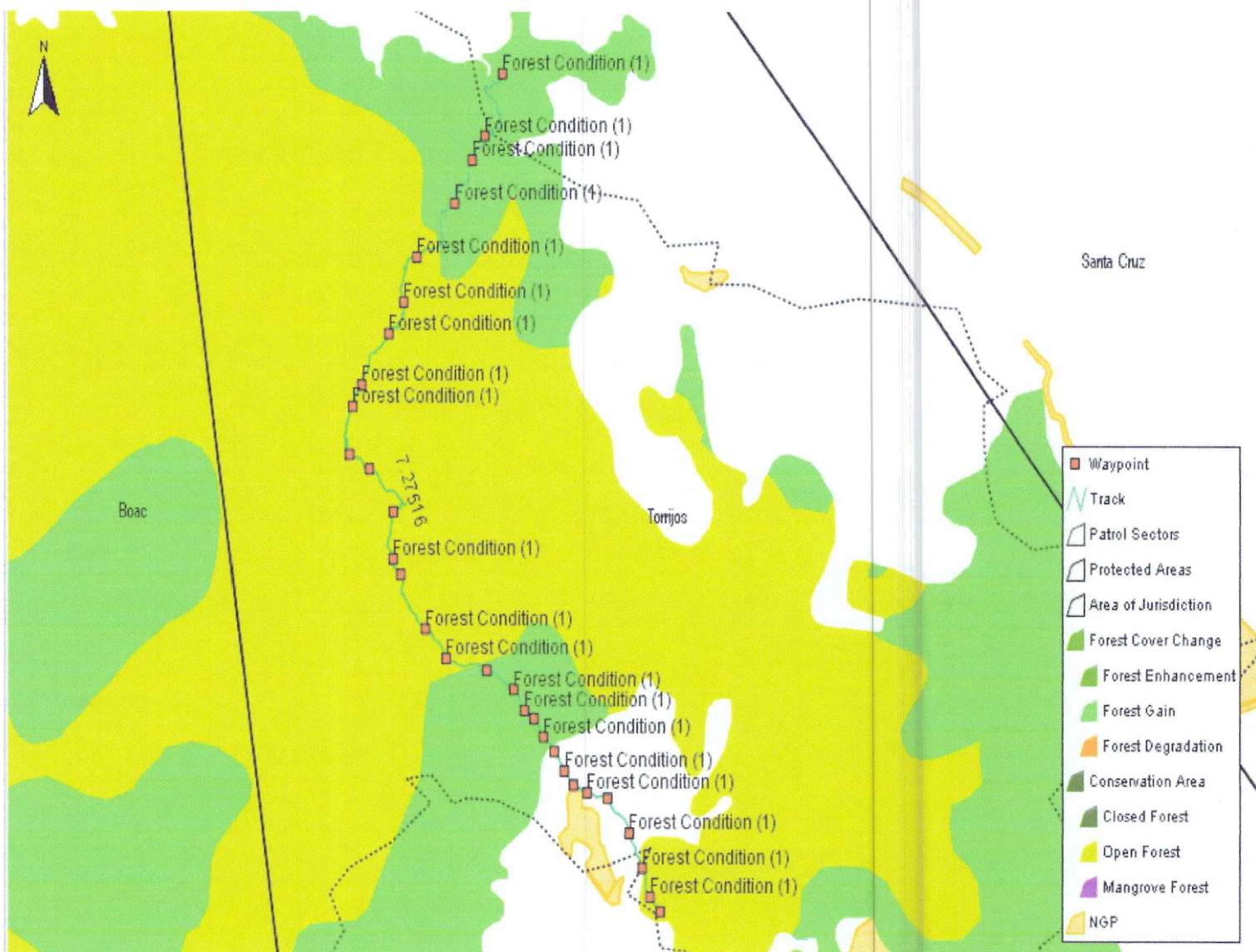
17 Feb 2023 7:58 PM

This report provides a summary of the patrol with the ID 174000_000736

Patrol Summary

Number of Patrollers		Distance (km)	
4		7.28	
Date of Patrol	Mandate	Patrol Leader	Patrollers
9 Feb 2023	Threats-focused Monitoring	Roderick Villanueva	Amando Rivamonte Celestino Lazo Michael Rocha Roderick Villanueva

Patrol Route





Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
6	12	11		1		29	1	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

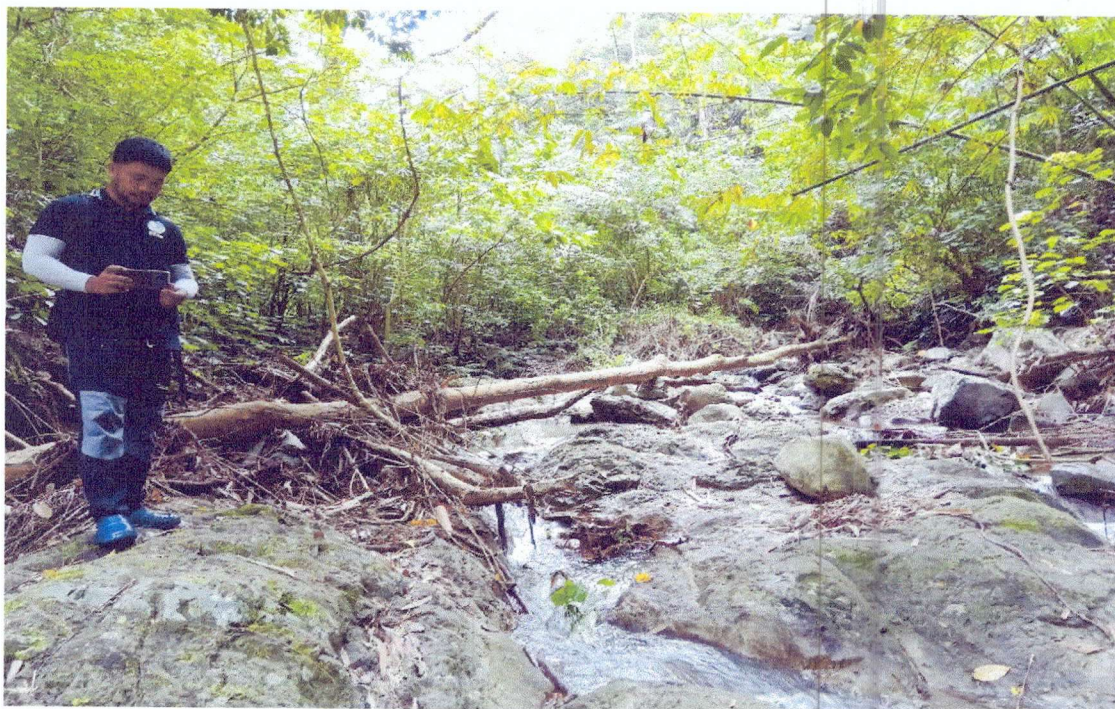
List of Observed Threats

Waypoint ID X Y Threat Action Taken Level of response required

Prepared by:
SHERWIN P. VILLAVICENCIO
Forest Ranger

Noted by: 
EMETERIO M. RECTO
SENIOR ECOMS/PASu MWS

Pictures taken during the conduct of LAWIN monitoring/Patrolling at Brgy. Bagtingon, Buenavista





Team 2
Sherwin P. Villavicencio
Roderick S. Villanueva

[illegible]

EMETERIO M. RECTO
SENIOR ECOMS/PASU MWS



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque

Patrolling/Monitoring Report of Team 1 Monitoring and Enforcement Section of Technical Services Division
within the Conservation Area (CA) thru LAWIN Forest and Biodiversity Protection System
For the Month of February, 2023

Team 1 Regulation and Enforcement Section

Month	Day	Week	Patroll No.	Team Leader	Team Members/ Patrollers	Activity/Type of patrol (threats focused or indicator species- focused, or	Observed Threats/ Action Taken/ Level of Response	Specific routes (name sector number and specific sitio or barangay and municipality)	distance (km)
February	1	1	174000_000725	Michael Joseph A. Maranan	Eduardson N. Buatis Florante G. Fandalian Jr. Jake F. Valencia Jerahmeel Bronze Jonathan L. Telan Randy N. Estrella Tristan Joshua Saet	Threats focused 	No Threats found Forest is in good condition.	Brgy. Tawiran, Sta. Cruz, Marinduque	1.15
February	1	1	174000_000726	Florante G. Fandalian, JR.	Eduardson N. Buatis Florante G. Fandalian Jr. Jake F. Valencia Jerahmeel Bronze Jonathan L. Telan Michael Joseph Maranan Randy N. Estrella Tristan Joshua Saet	Threats focused 	No Threats found Forest is in good condition.	Brgy. Biga, Sta. Cruz, Marinduque	2.62
February	1	1	174000_000727	Don Gibson Mercado	Eduardson N. Buatis Florante G. Fandalian Jr. Jake F. Valencia Jerahmeel Bronze Michael Joseph Maranan Randy N. Estrella Tristan Joshua Saet	Threats focused 	No Threats found Forest is in good condition.	Brgy. Alobo, Sta. Cruz, Marinduque	0.27
February	7	2	174000_000728	Michael Joseph A. Maranan	Eduardson N. Buatis Florante G. Fandalian Jr. Jake F. Valencia Jerahmeel Bronze	Threats focused 	No Threats found Forest is in good condition.	Brgy. Kayduke, Torrijos, Marinduque	1.62

Month	Day	Week	Patroll No.	Team Leader	Team Members/ Patrollers	Activity/Type of patrol (threats focused or indicator species- focused, or	Observed Threats/ Action Taken/ Level of Response	Specific routes (name sector number and specific sitio or barangay and municipality)	distance (km)
					Michael Joseph Maranan				
					Tristan Joshua Saet				
February	7	2	174000_000729	Michael Joseph A. Maranan	Eduardson N. Buatis	Threats focused	No Threats found	Brgy. Hupi and Balogo,	0.93
					Fiorante G. Fandalian Jr.		Forest is in good	Sta. Cruz, Marinduque	
					Jake F. Valencia		condition.		
					Jerahmeel Bronce				
					Jonathan L. Telan				
					Michael Joseph Maranan				
					Rica Quennie Radovan				
					Tristan Joshua Saet				
February	7	2	174000_000730	Michael Joseph A. Maranan	Eduardson N. Buatis	Threats focused	No Threats found	Brgy. Kayduke, Torrijos,	1.94
					Fiorante G. Fandalian Jr.		Forest is in good	Marinduque	
					Jake F. Valencia		condition.		
					Jerahmeel Bronce				
					Jonathan L. Telan				
					Michael Joseph Maranan				
					Rica Quennie Radovan				
					Tristan Joshua Saet				
February	7	2	174000_000731	Michael Joseph A. Maranan	Eduardson N. Buatis	Threats focused	No Threats found	Brgy. Kayduke, Torrijos,	1.08
					Fiorante G. Fandalian Jr.		Forest is in good	Marinduque	
					Jake F. Valencia		condition.		
					Jerahmeel Bronce				
					Jonathan L. Telan				
					Michael Joseph Maranan				
					Rica Quennie Radovan				
					Tristan Joshua Saet				
February	15	3	174000_000737	Michael Joseph A. Maranan		Threats focused	No Threats found	Brgy. Tambunan, Boac,	2.21
					Fiorante G. Fandalian Jr.		Forest is in good	Marinduque	
					Jake F. Valencia		condition.		
					Michael Joseph Maranan				
					Michael Vencint Suilog				
Total LAW/IN Kilometer distance for the Month of February 2023									11.82

Prepared By: 

Reviewed By:

MICHAEL JOSEPH A. MARANAN
Forest Ranger/Data Manager

DON GIBSON OLMERCADO
Forester I/ In-Charge, MIES

Noted By:

fr: 
Engr. CYNTHIA U. LOZANO
Chief, Technical Services Division



Republic of the Philippines
Department of Environment and Natural Resources
PENRO MARINDUQUE

February 20, 2023

MEMORANDUM

FOR : The OIC, PENR Officer
Boac, Marinduque

THRU : The Protected Area Superintendent
Marinduque Wildlife Sanctuary

FROM : Lawin Team No. 3

SUBJECT : **REPORT OF LAWIN FOREST AND BIODIVERSITY
PROTECTION SYSTEM CONDUCTED IN MARINDUQUE
WILDLIFE SANCTUARY (MWS) AT BARANGAY BOI TO
BAYUTI, BOAC, MARINDUQUE.**

Respectfully submitted is the result of Patrolling using Lawin Forest and Biodiversity Protection System in the Marinduque Wildlife Sanctuary (MWS) covering Brgy. Boi, to Bayuti, Boac, Marinduque.

The team composed of the undersigned together with Park Ranger Pondador Manay, Forest Protection Officer Gerald Ligit, Rex Aljon Lacdang and Biodiversity Protection Assistant Elmer Lazarte, Restituto Labog and Leodegario Montiano, were able to patrol a total of **18.84** kilometers.

Generally, the forest within the patrol route is in good condition and protected.


ALMER PEREGRIN
Forest Ranger



Patrol Report

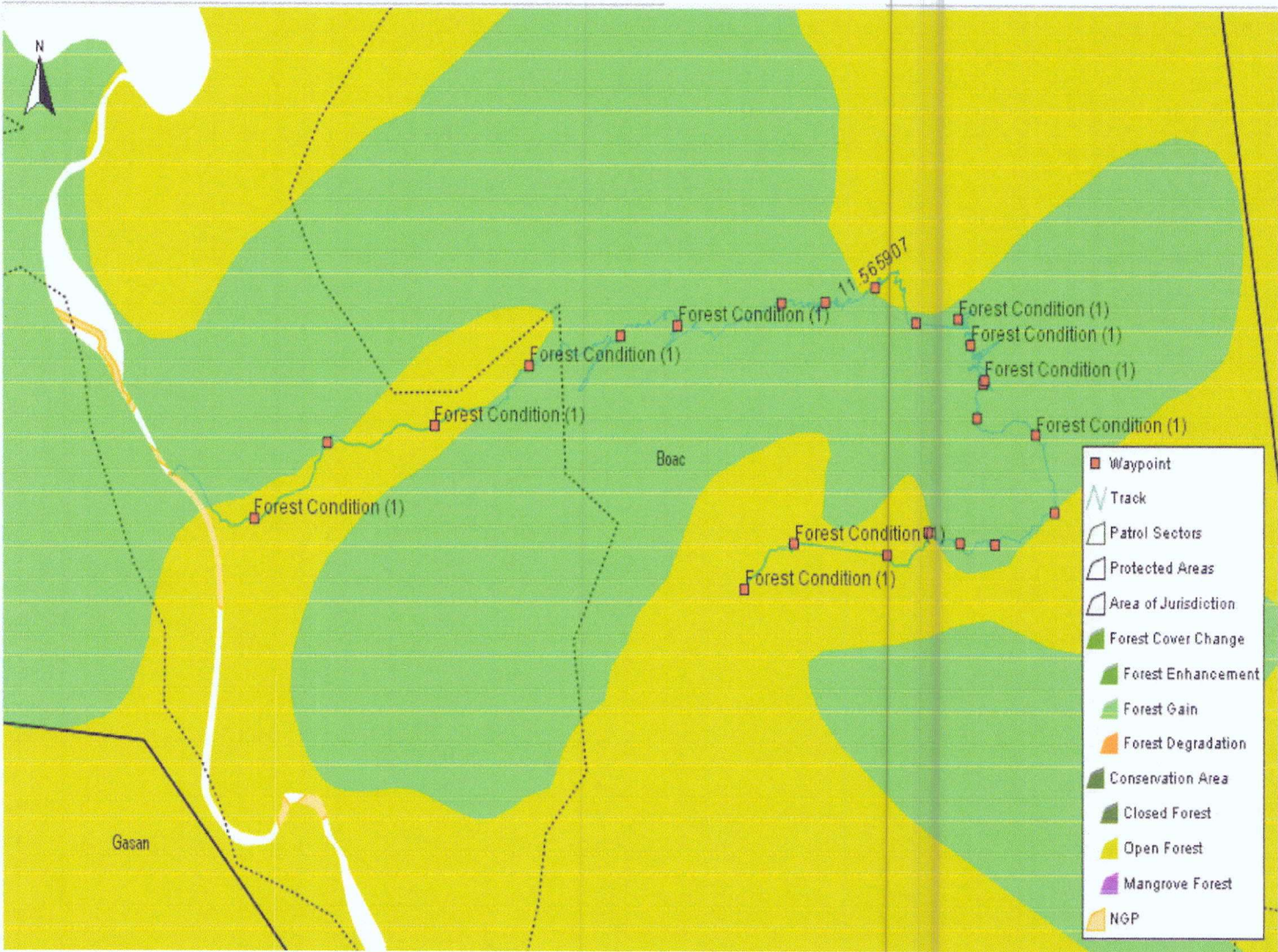
Region 04B - Marinduque

12 Feb 2023 6:58 PM

This report provides a summary of the patrol with the ID 174000_000733

Patrol Summary			
Number of Patrollers		Distance (km)	
4		11.57	
Date of Patrol	Mandate	Patrol Leader	Patrollers
7 Feb 2023	Threats-focused Monitoring	Julius Mark Manoos	Elmer Lazarte Julius Mark Manoos Pondador M. Manay Rex Aljohn Lacdang

Patrol Route





Summary of Patrol Observations


Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
	16	1	2	4	1	17	5	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

Waypoint ID	X	Y	<u>List of Observed Threats</u> Threat	Action Taken	Level of response required
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Prepared by: 
ALMER PEREGRIN
Forest Ranger

Noted by: 
EMETERIO M. RECTO
SENIOR ECOMS/PASu MWS



Patrol Report

Region 04B - Marinduque

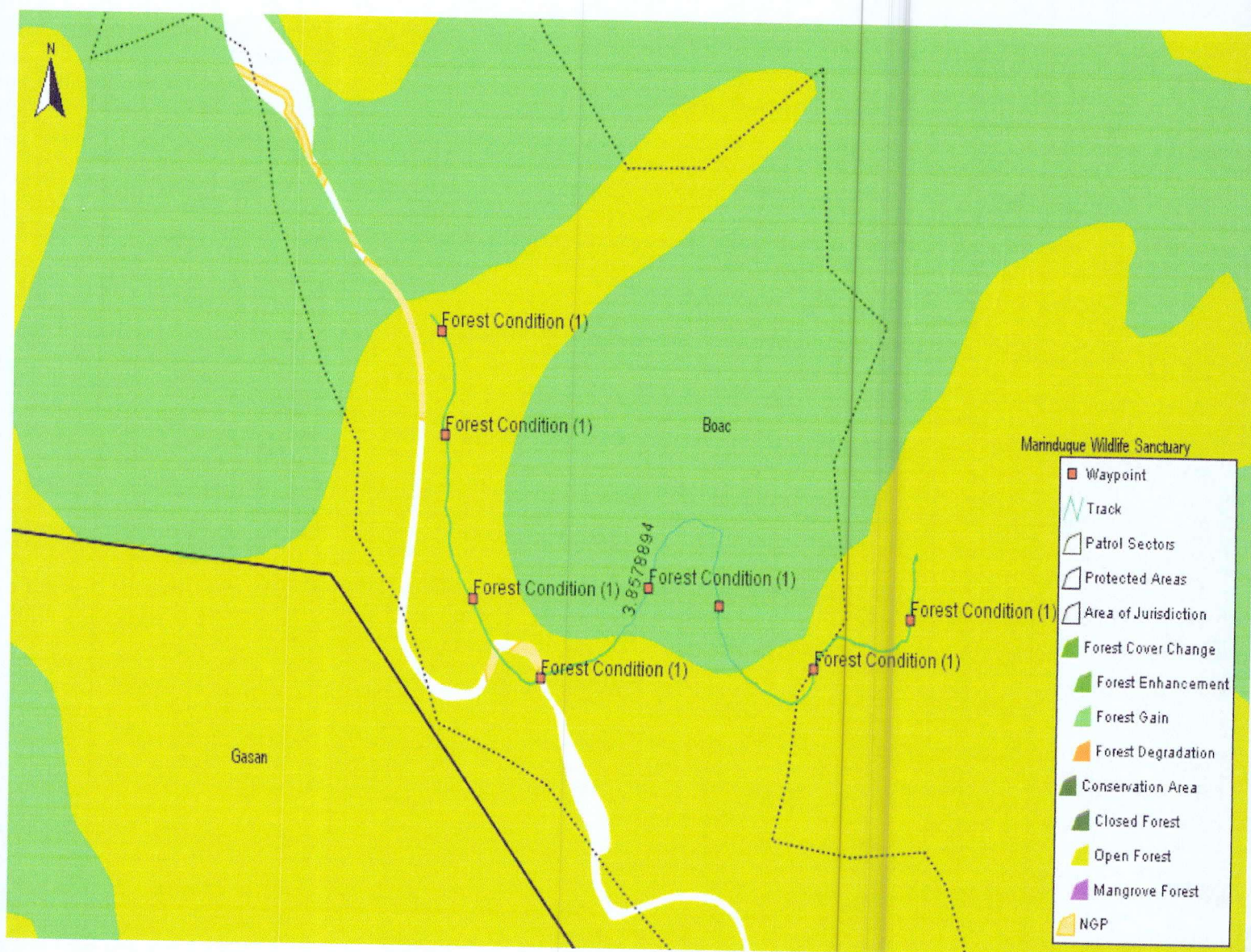
17 Feb 2023 8:04 PM

This report provides a summary of the patrol with the ID 174000_000734

Patrol Summary

Number of Patrollers		Distance (km)	
4		3.86	
Date of Patrol	Mandate	Patrol Leader	Patrollers
7 Feb 2023	Threats-focused Monitoring	Julius Mark Manoos	Elmer Lazarte Julius Mark Manoos Pondador M. Manay Rex Aljohn Lacdang

Patrol Route





Republic of the Philippines

Department of Environment and Natural Resources

Lawin Forest and Biodiversity Protection System

Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
	3	1		4	1	2	5	

Summary of Observed Threats

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

Waypoint ID

X

Y

List of Observed Threats

Threat

Action Taken

Level of response required

Prepared by:


ALMER PEREGRIN
Forest Ranger

Noted by:


EMETERIO M. RECTO
SENIOR ECOMS/PASu MWS



Patrol Report

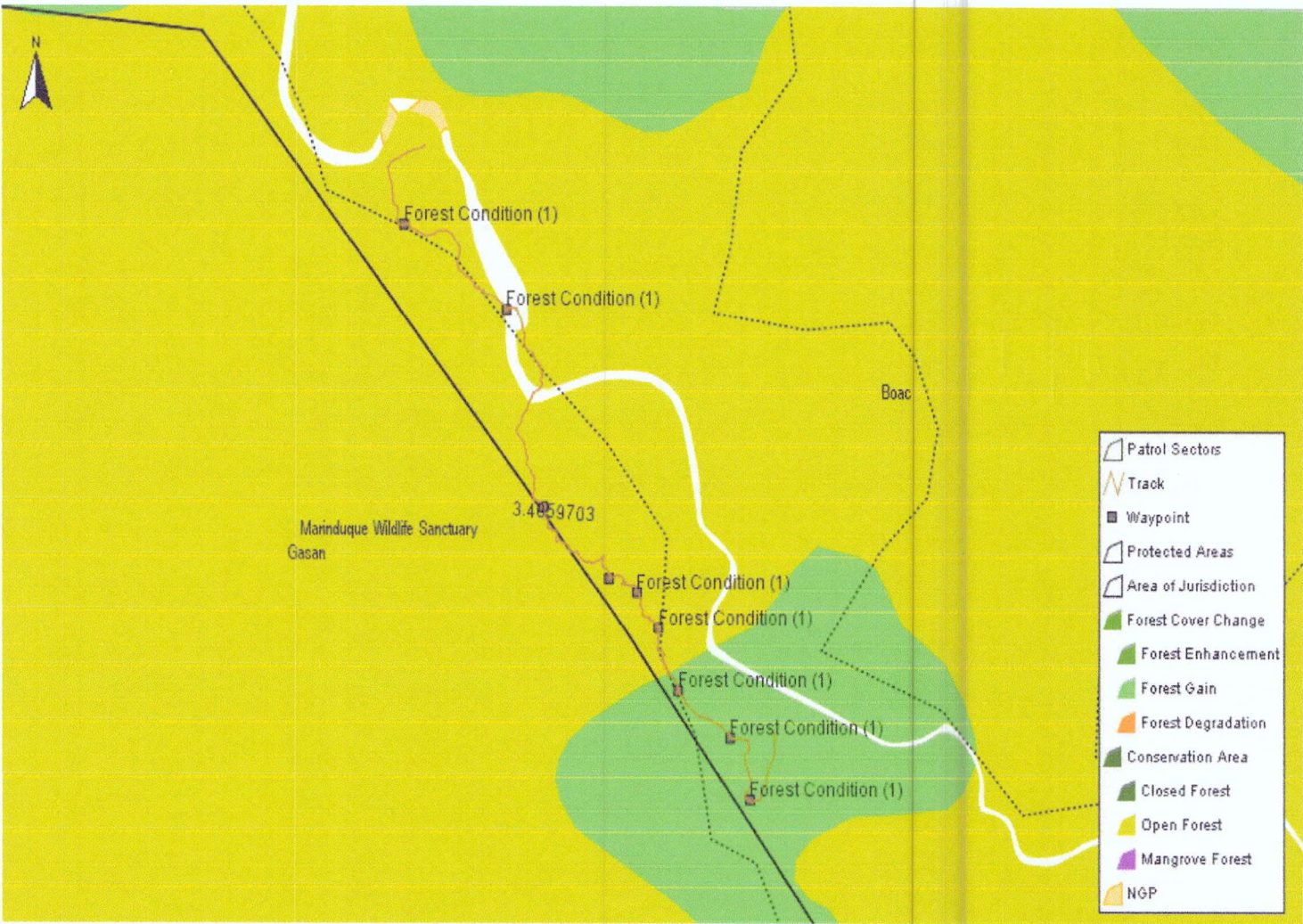
Region 04B - Marinduque

12 Feb 2023 7:00 PM

This report provides a summary of the patrol with the ID 174000_000735

Patrol Summary			
Number of Patrollers		Distance (km)	
4		3.41	
Date of Patrol	Mandate	Patrol Leader	Patrollers
7 Feb 2023	Threats-focused Monitoring	Aimer Peregrin	Aimer Peregrin Gerald Liguít Leodegario Montiano Restituto Labog

Patrol Route





Summary of Patrol Observations

Observed Forest Condition

Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		5		4		9		

Summary of Observed Threats

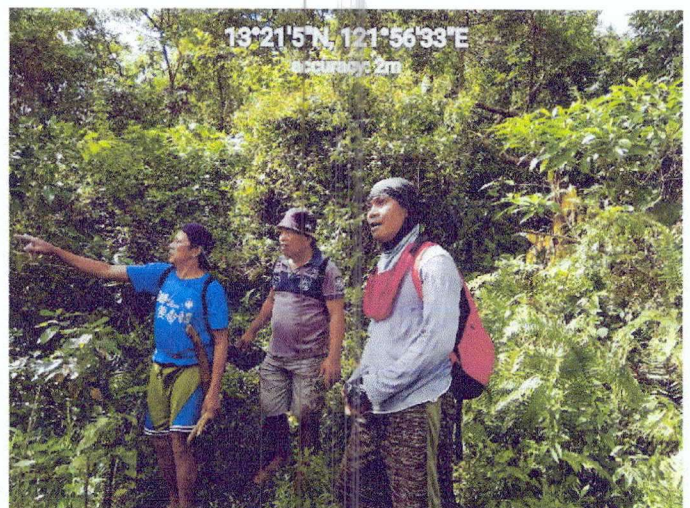
Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

Waypoint ID	X	Y	<u>List of Observed Threats</u> Threat	Action Taken	Level of response required
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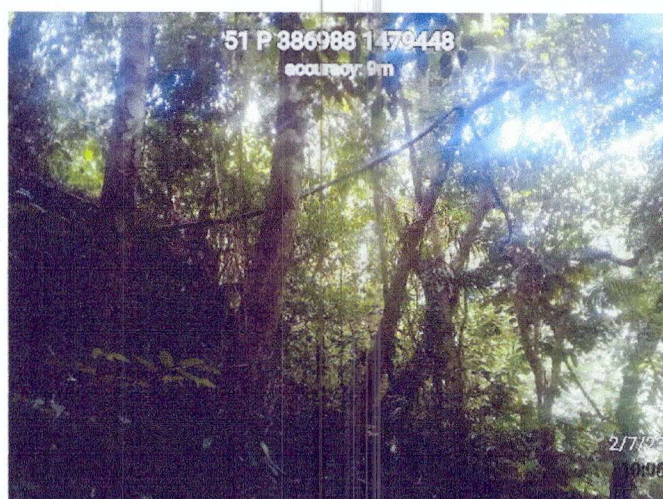
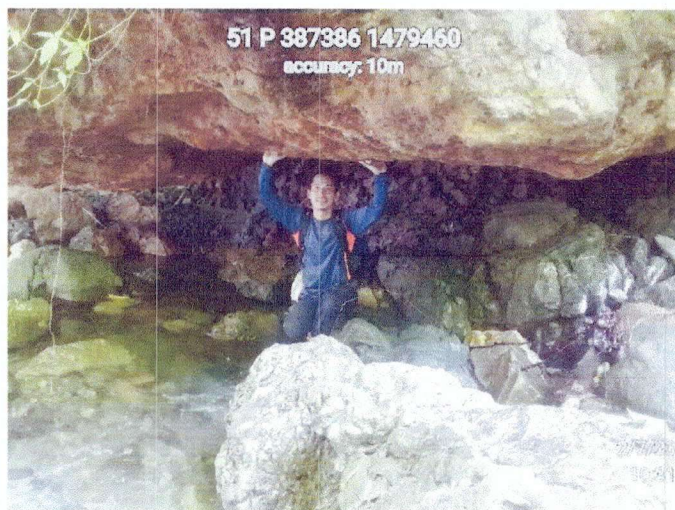
Prepared by: 
ALMER PEREGRIN
Forest Ranger

Noted by: 
EMETERIO M. RECTO
SENIOR ECOMS/PASu MWS

Geotagged photos took during conducted monitoring/patrolling thru LAWIN app at Brgy. Bayuti, Boac, Marinduque



Geotagged photos took during conducted monitoring/patrolling thru LAWIN app at Brgy. Boi, Boac, Marinduque





Team 2
Almer peregrin
Julius Mark Manos

Prepared By:

Noted By:

Emeterio M. Recto
EMETERIO M. RECTO
SENIOR ECOMS/PASU MWS