



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

172  
**DENR MIMAROPA  
RECORDS SECTION  
RECEIVED**

**FEB 09 2023**

☐ INCOMING ☐ OUTGOING  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_

January 31, 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 JANUARY  
2023.**

Forwarded herewith is the monthly reports dated January 24 and 31, 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 42.06 kilometers, within forest conservations areas in different barangays of Gasan, Boac, Santa Cruz and Buenavista municipalities of this province, for the month of January 2023.

For information and record.

  
**IMELDA M. DIAZ**





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 January, 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)
January	10	2	174000_000713	Jerahmeel L. Bronce	Florante G. Fandalian, Jr. Michael Joseph Maranan Michael Vencint Sualog Randy Estrella Rica Quennie Radovan	Threats focused	No Threats found Forest is in good condition.	Brgy. Ipil, Sta. Cruz, Marinduque	0.79
January	11	2	174000_000714	Jerahmeel L. Bronce	Florante G. Fandalian, Jr. Michael Joseph Maranan Michael Vencint Sualog Randy Estrella Rica Quennie Radovan	Threats focused	No Threats found Forest is in good condition.	Brgy. Kasily, Sta. Cruz, Marinduque	1.63
January	11	2	174000_000715	Jerahmeel L. Bronce	Florante G. Fandalian, Jr. Michael Joseph Maranan Michael Vencint Sualog Randy Estrella Rica Quennie Radovan	Threats focused	No Threats found Forest is in good condition.	Brgy. Kamandugan, Sta. Cruz, Marinduque	2.16
January	11	2	174000_000716	Jerahmeel L. Bronce	Florante G. Fandalian, Jr. Michael Joseph Maranan Michael Vencint Sualog Randy Estrella Rica Quennie Radovan	Threats focused	No Threats found Forest is in good condition.	Brgy. Kamandugan, Sta. Cruz, Marinduque	1.45

9

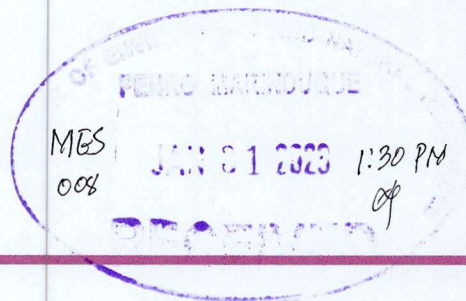








Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO Marinduque**



January 30, 2023

**MEMORANDUM**

**FOR : The OIC-Provincial Environment and Natural Resources Officer**

**THRU : The Chief, Technical Services Division**

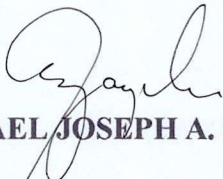
**FROM : Forest Ranger/ LAWIN Data Manager**

**SUBJECT : REPORT ON PATROLLING/MONITORING WITHIN THE CONSERVATION AREA OF PENRO-MARINDUQUE THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM FOR THE MONTH OF JANUARY 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 12.58 **kilometers** covering Barangays of Ipil, Kasily, Kamandugan going to Hupi and Balogo in the Municipality of Santa Cruz, Marinduque for the month of January 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.

  
**MICHAEL JOSEPH A. MARANAN**

**Noted By:**

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





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

January 13, 2023

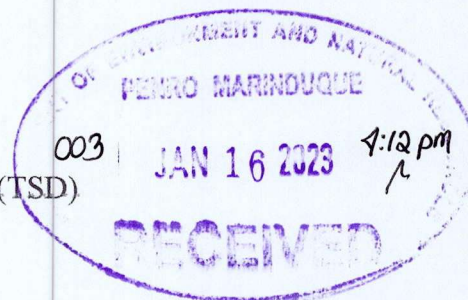
**MEMORANDUM**

**FOR** : The OIC, PENR Officer

**THRU** : The Chief, Technical Services Division (TSD)

**FROM** : The Forest Technician I  
The Forest Rangers

**SUBJECT** : **PATROLLING/MONITORING REPORT OF MONITORING AND ENFORCEMENT TEAM UNDER TECHNICAL SERVICES DIVISION WITHIN THE CONSERVATION AREAS THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM IN BARANGAY IPIL, KAMANDUGAN AND KASILY, STA. CRUZ, MARINDUQUE.**



In compliance with the Travel Order dated January 10-12, 2023 and regular target activities of Technical Services Division, Monitoring and Enforcement (MES), please be informed that the undersigned had conducted patrolling/monitoring of forest threats within the Mangrove forests covering the Barangays of Ipil, Kamandugan and Kasily, Sta. Cruz, Marinduque.

Be informed further, that the team have coordinated with the concerned Barangay Local Government Units before the conduct of patrolling/monitoring within their mangrove areas. The team also distributed posters regarding Chainsaw Act and Presidential Decree No. 705 to the Barangay LGUs' for their information. Right after the coordination, the team conducted patrolling within the mangrove forests. In our patrol route, the undersigned noticed two (2) Philippine Wild Ducks (*Anas Luzonica*) locally known as "*Baliwis or Mapan*". The undersigned found out that the mangroves species were well-grown and started to develop propagules, eventually, will be ready for out-planting. Moreover, no threats were recorded during patrolling/monitoring in our patrol route. On the other hand, the team have accomplished a total distance of 6.03 kilometers as an output of LAWIN patrolling activities in the three (3) Barangays.

In view hereof, continuous patrolling and monitoring within the Conservation Area and conduct information disseminate regarding environmental (forestry) laws is hereby recommend.

Attached herewith area geo-tagged photos and generated patrol data from Cyber Tracker thru LAWIN/SMART system apps.

For information, record and further instruction.

**RANDY N. ESTRELIA**

**FLORANTE G. FANDIALAN, JR.**

**RICA QUENNIE D. RADOVAN**

**JERAHMEEL L. BRONCE**

**MICHAEL JOSEPH A. MARANAN**

**MICHAEL VENCINT M. SUALOG**

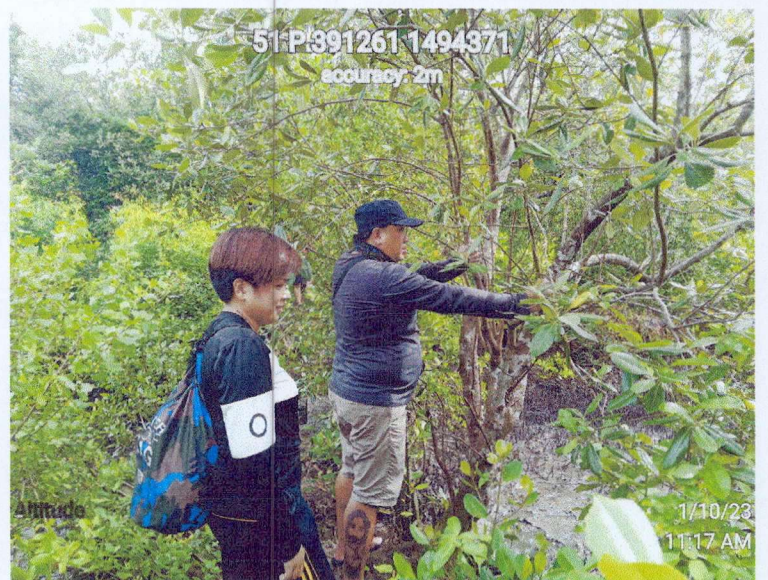
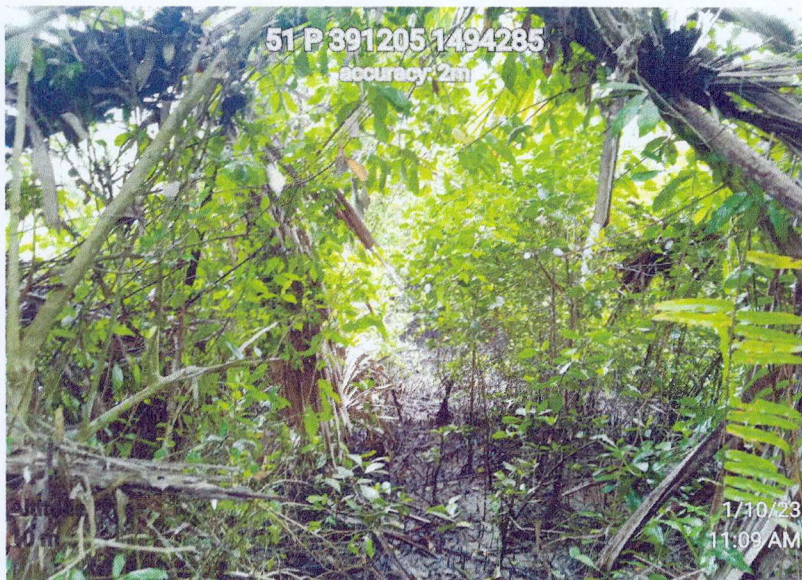
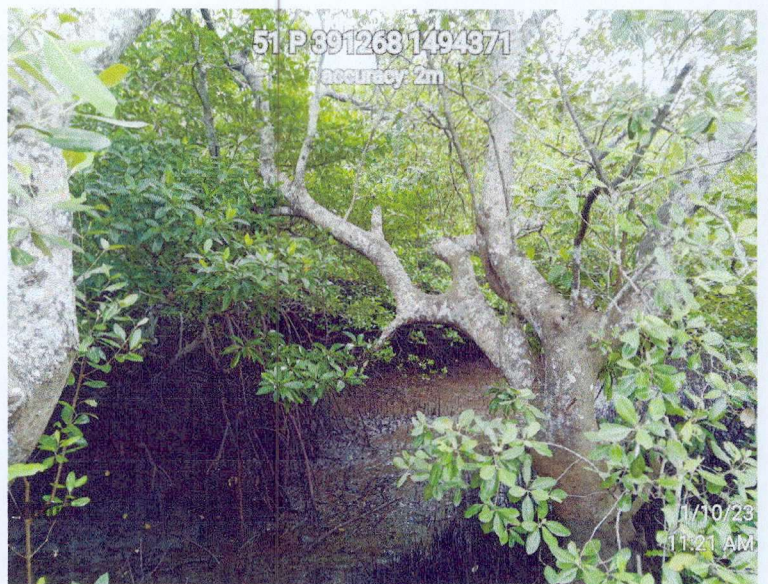
Reviewed by:

**ENGR. CYNTHIA C. LOZANO**  
Chief, Technical Services Division

Noted by:

**IMELDA M. DIAZ**  
OIC, PENR Officer





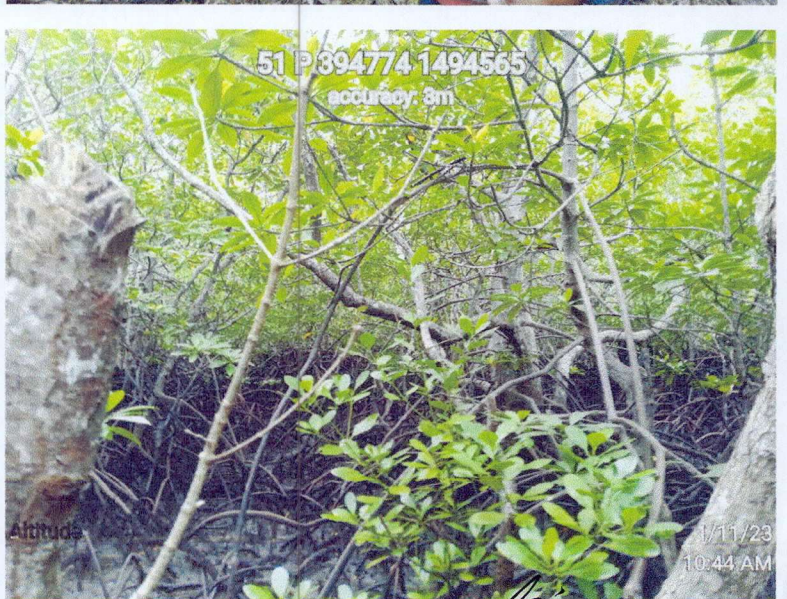
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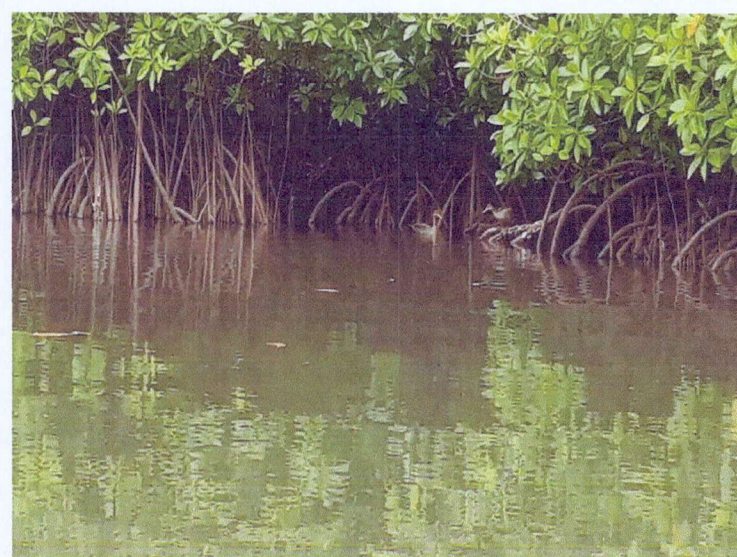
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10





Geotagged photos showing the condition of mangrove forest during the patrolling/monitoring within the Conservation areas thru LAWIN Forest and Biodiversity Protection System.



Photographs showing two (2) Philippine Wild Ducks (*Anas Luzonica*) locally known as “Baliwis or Mapan” found within the Conservation Area.





## Patrol Report

**Region 04B - Marinduque**

12 Jan 2023 8:43 PM

This report provides a summary of the patrol with the ID 174000\_000716

### Patrol Summary

**Number of Patrollers**

6

**Distance (km)**

1.45

**Date of Patrol**

11 Jan 2023

**Mandate**

Threats-focused Monitoring

**Patrol Leader**

Jerahmeel Bronce

**Patrollers**

Florante Fandalan Jr.

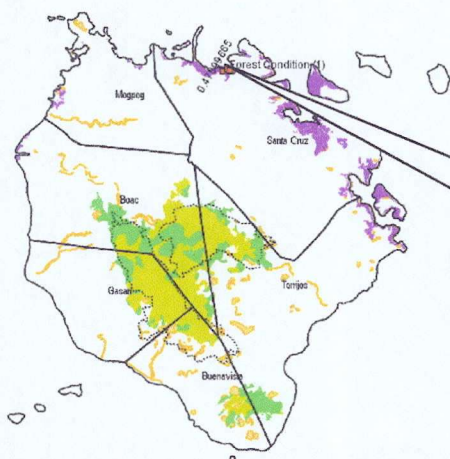
Jerahmeel Bronce

Michael Joseph Maranan

Michael Vencint Sualog

Randy Estrella

Rica Quennie D. Radovan



**Patrol Route**

LAWIN patrolling and monitoring within mangrove conservation area at Baragy Kamandugan, Sta. Cruz, 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
		7				3	4	

**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 1.45 kilometers patrol distance within conservation area at Barangay of Kamandugan 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.

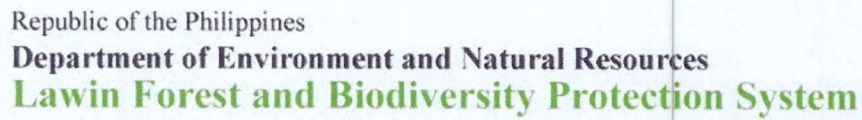
Prepared by:

  
**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

12 Jan 2023 8:42 PM

This report provides a summary of the patrol with the ID 174000\_000715

### Number of Patrollers

6

Distance (km)

2.16

Date of Patrol

11 Jan 2023

## Mandate

## Threats-focused Monitoring

## Patrol Leader

Jerahmeel Bronze

## Patrollers

Florante Fandialan Jr.

Jerahmeel Bronze

Michael Joseph Maranan

Michael Vencint Sualog

Randy Estrella

Rica Quennie D. Radovan



LAWIN patrolling and monitoring within mangrove conservation area at Baragy Kamandugan, Sta. Cruz, 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
		7	1		1	5	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
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Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 2.16 kilometers patrol distance within conservation area at Barangay of Kamandugan 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**

12 Jan 2023 8:41 PM

This report provides a summary of the patrol with the ID 174000\_000714

### Patrol Summary

**Number of Patrollers**

6

**Distance (km)**

1.63

**Date of Patrol**

11 Jan 2023

**Mandate**

Threats-focused Monitoring

**Patrol Leader**

Jerahmeel Bronce

**Patrollers**

Florante Fandialan Jr.

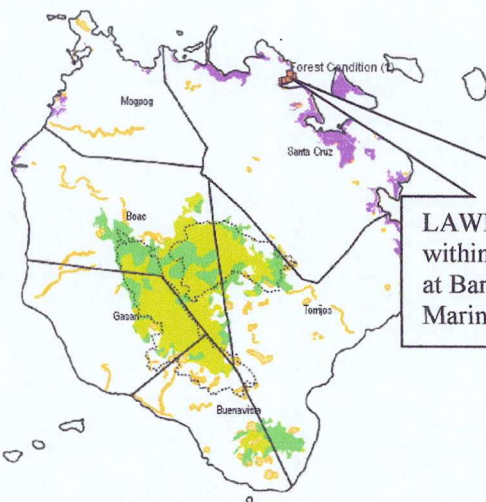
Jerahmeel Bronce

Michael Joseph Maranan

Michael Vencint Sualog

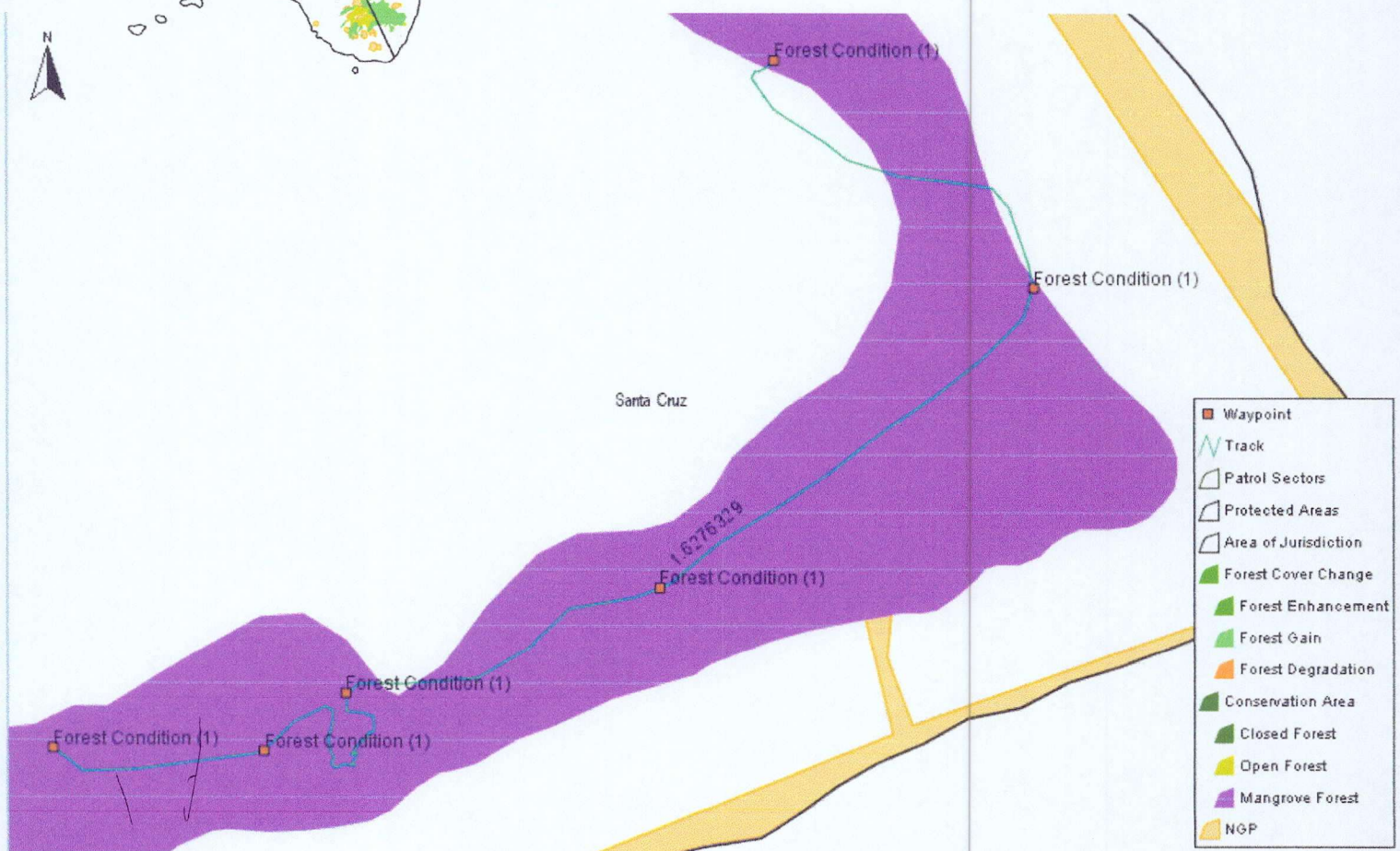
Randy Estrella

Rica Quennie D. Radovan



### **Patrol Route**

LAWIN patrolling and monitoring within mangrove conservation area at Barangay Kasily, Sta. Cruz, 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
		2	4				6	

**Summary of Observed Threats**

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

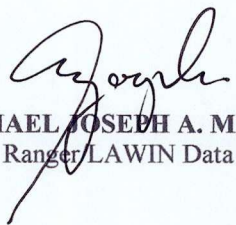
**List of Observed Threats**

**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 1.63 kilometers patrol distance within conservation area at Barangay of Kasily 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**

12 Jan 2023 8:39 PM

This report provides a summary of the patrol with the ID 174000\_000713

### Patrol Summary

**Number of Patrollers**

6

**Distance (km)**

0.79

**Date of Patrol**

10 Jan 2023

**Mandate**

Threats-focused Monitoring

**Patrol Leader**

Jerahmeel Bronce

**Patrollers**

Florante Fandalian Jr.

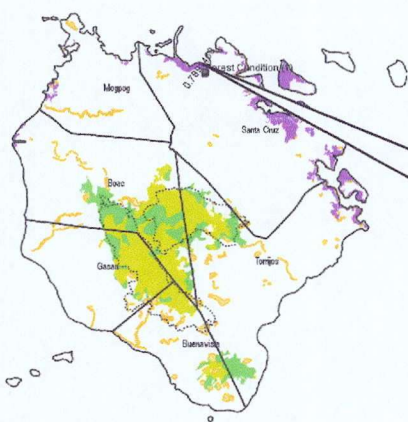
Jerahmeel Bronce

Michael Joseph Maranan

Michael Vencint Sualog

Randy Estrella

Rica Quennie D. Radovan



### Patrol Route

LAWIN patrolling and monitoring within mangrove conservation area at Barangay Ipil, Sta. Cruz, 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
		3	2			1	3	1

**Summary of Observed Threats**

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

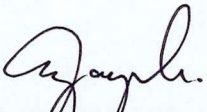
**List of Observed Threats**

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 0.79 kilometers patrol distance within conservation area at Barangay of Ipil 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





January 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 Officers

**SUBJECT** : **PATROLLING/MONITORING REPORT OF MONITORING AND ENFORCEMENT TEAM UNDER TECHNICAL SERVICES DIVISION WITHIN THE CONSERVATION AREAS THRU LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM IN BARANGAY HUPI AND BALOGO, STA. CRUZ, MARINDUQUE.**

In compliance with the Travel Order dated January 17-19, 2023 and regular target activities of Technical Services Division-Monitoring and Enforcement (MES), please be informed that the undersigned had conducted patrolling/monitoring of forest threats within the Mangrove forests covering the Barangays of Hupi and Balogo, Sta. Cruz, Marinduque.

Be informed further, the team have coordinated with the concerned Barangay Local Government Units (BLGUs) before the conduct of patrolling/monitoring within their mangrove areas. In our patrol route, the team observed that the mangrove species started to germinate mangrove propagules. The team also explained LAWIN monitoring system to the said barangays. In addition the team conducted Information Education Campaign (IEC) regarding some ENR laws thereat. No forest threats were recorded in our patrol route during the time of patrolling/monitoring within the Conservation areas.

On the other hand, the team have accomplished a total distance of 6.55 kilometers as an output of LAWIN patrolling activities in the two (2) Barangays.

In view hereof, continuous patrolling/monitoring within the Conservation Area and conduct information disseminate regarding environmental (forestry) laws is hereby recommend.

Attached herewith are geo-tagged photos of the said activity and generated patrol data from Cyber Tracker thru LAWIN/SMART system application.

For information, record and further instruction.

**JAKE F. VALENCIA**

**EDUARDSON N. BUATIS**

**FLORANTE G. FANDIALAN, JR.**

**MICHAEL JOSEPH A. MARANAN**

**MICHAEL VENCINT M. SUALOG**

**TRISTAN JOSHUA O. SAET**

**RICA QUEENIE D. RADOVAN**

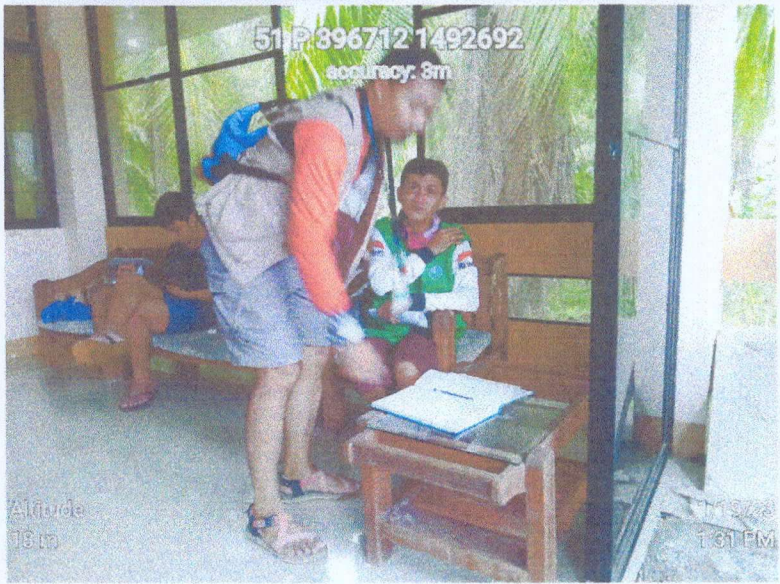
**RANDY N. ESTRELLA**

**JERAHMEEL L. BRONCE**

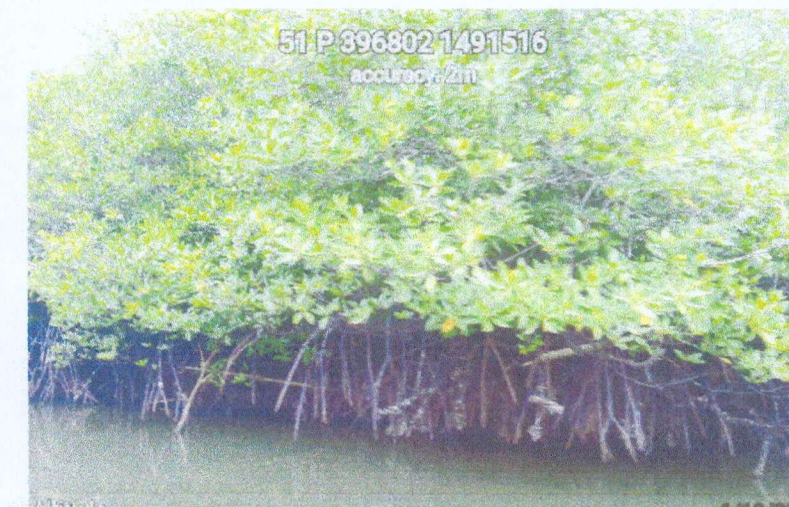
Reviewed by:

**DON GIBSON D. MERCADO**  
Forester I/Chief MES











51 P 397800 1491682

accuracy: 5m

Altitude  
46 m

210

240

1/19/23  
10:35 AM

51 P 398069 1491134

accuracy: 4m

Altitude  
45 m

10

240

W

1/19/23  
10:39 AM

51 P 398051 1491066

accuracy: 4m

Altitude  
52 m

240

W

300

1/19/23  
10:40 AM

51 P 398046 1491051

accuracy: 3m

Altitude  
51 m

W

300

1/19/23  
10:40 AM

51 P 397932 1490949

accuracy: 3m

Altitude  
51 m

300

330

N

1/19/23  
10:41 AM

51 P 397543 1492000

accuracy: 3m

Altitude  
50 m

S

210

240

1/19/23  
10:32 AM

51 P 397480 1492166

accuracy: 3m

Altitude  
51 m

210

240

1/19/23  
10:31 AM

51 P 397396 1492280

accuracy: 4m

Altitude  
50 m

210

240

1/19/23  
10:30 AM





## Patrol Report

**Region 04B - Marinduque**

18 Jan 2023 1:47 PM

This report provides a summary of the patrol with the ID 174000\_000717

### Patrol Summary

**Number of Patrollers**

8

**Distance (km)**

6.55

**Date of Patrol**

18 Jan 2023

18 Jan 2023

**Mandate**

Threats-focused Monitoring

Threats-focused Monitoring

**Patrol Leader**

Randy Estrella

Randy Estrella

**Patrollers**

Eduardson N. Buatis

Florante Fandialan Jr.

Jake F. Valencia

Jerahmeel Bronze

Michael Joseph Maranan

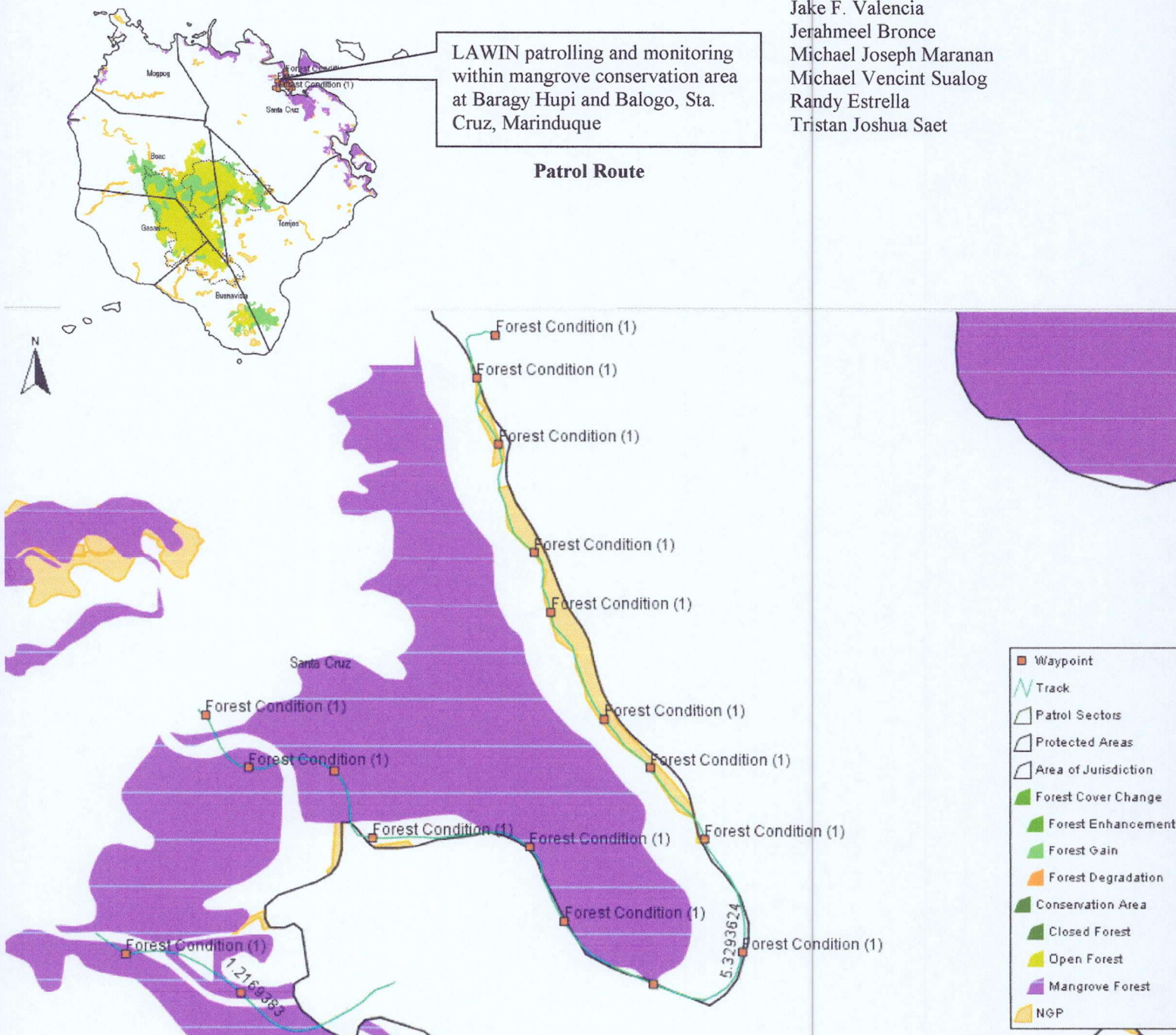
Michael Vencint Sualog

Randy Estrella

Tristan Joshua Saet

LAWIN patrolling and monitoring within mangrove conservation area at Baragy Hupi and Balogo, 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
		7	11			5	13	

**Summary of Observed Threats**

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

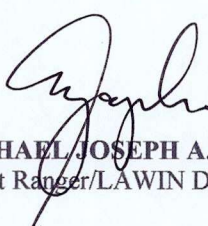
**List of Observed Threats**

Waypoint ID	X	Y	Threat	Action Taken	Level of response required
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Based on the data gathered from Patrolling and Monitoring report by Team 1 of Technical Services Division, the forest ecosystems along the 6.55 kilometers patrol distance within conservation area at Barangay of Hupi and 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

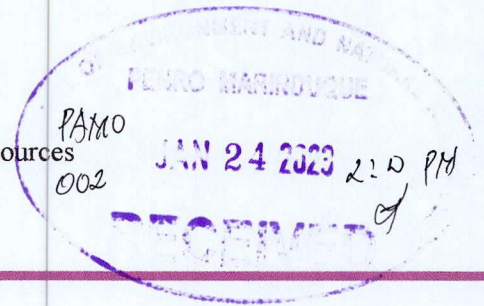
Noted By:

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





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



January 20, 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 JANUARY 2023.**

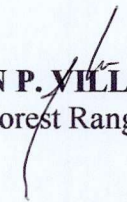
Submitted herewith is the patrolling/monitoring report of Protected Area - Marinduque Wildlife Sanctuary for LAWIN Forest and Biodiversity Protection System. Please be informed that the team 2 and 3 had patrolled/accomplished a total distance of 29.48 kilometers for the month of January, 2023.

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.

Noted By:

  
**EMETERIO M. RECTO**  
Senior ECOMS/PASu MWS

  
**SHERWIN P. VILLAVICENCIO**  
Forest Ranger





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

January 20, 2023

**MEMORANDUM**

**FOR : The OIC, PENR Officer**  
**Boac, Marinduque**

**THRU : The Protected Area Superintendent**  
**Marinduque Wildlife Sanctuary**

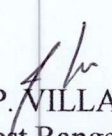
**FROM : Lawin Team No. 2**

**SUBJECT : REPORT OF LAWIN FOREST AND BIODIVERSITY**  
**PROTECTION SYSTEM CONDUCTED IN MARINDUQUE**  
**WILDLIFE SANCTUARY (MWS) AT BRGY. TABIONAN, AND**  
**BRGY. MALIBAGO, TORRIJOS TO MALBOG, BUENAVISTA,**  
**GASAN, MARINDUQUE.**

Respectfully submitted is the result of Patrolling using Lawin Forest and Biodiversity Protection System in the Marinduque Wildlife Sanctuary (MWS) covering Brgy. Tabionan, Gasan and Brgy. Malibago, Torrijos to Malbog, Buenavista, Marinduque.

The team composed of the undersigned together with Park Ranger Amando Rivamonte, Regie Patulot, Forest Protection Michael Rocha, Arnold Lazo and Biodiversity Protection Assistant Jerry Sarile, and Ireneo Villanueva were able to patrol a total of 14.36 kilometers.

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

  
SHERWIN P. VILLAVICENCIO  
Forest Ranger





## Patrol Report

**Region 04B - Marinduque**

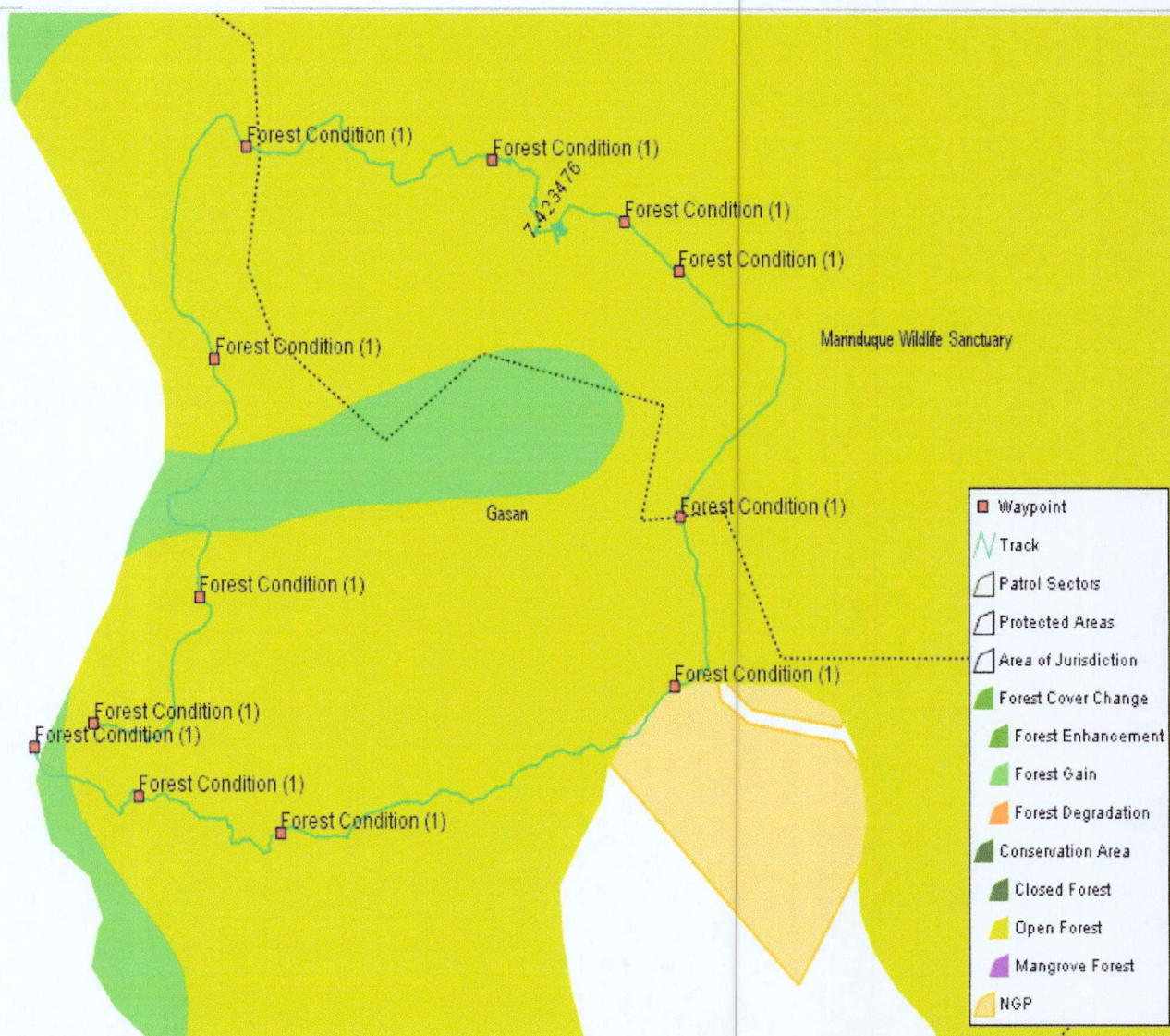
19 Jan 2023 7:21 PM

This report provides a summary of the patrol with the ID 174000\_000718

### Patrol Summary

Number of Patrollers		Distance (km)	
2		7.42	
Date of Patrol	Mandate	Patrol Leader	Patrollers
18 Jan 2023	Indicator Species-focused Monitoring	Sherwin Pastrana Villavicencio	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	10				4	7	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:

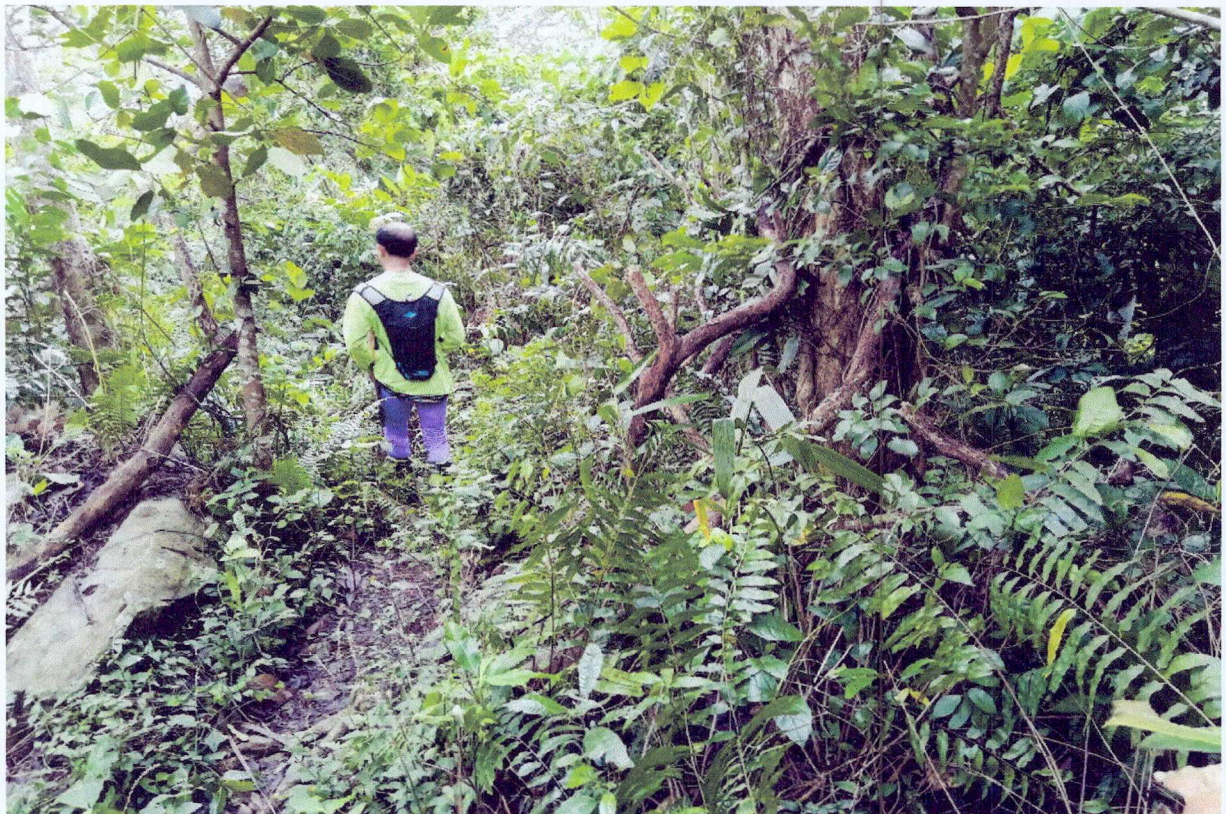
**SHERWIN P. VILLAVICENCIO**  
Forest Ranger

Noted by:

**EMETERIO M. RECTO**  
SENIOR ECOMS/PASu MWS



Pictures taken during monitoring/patrolling using LAWIN







## Patrol Report

**Region 04B - Marinduque**

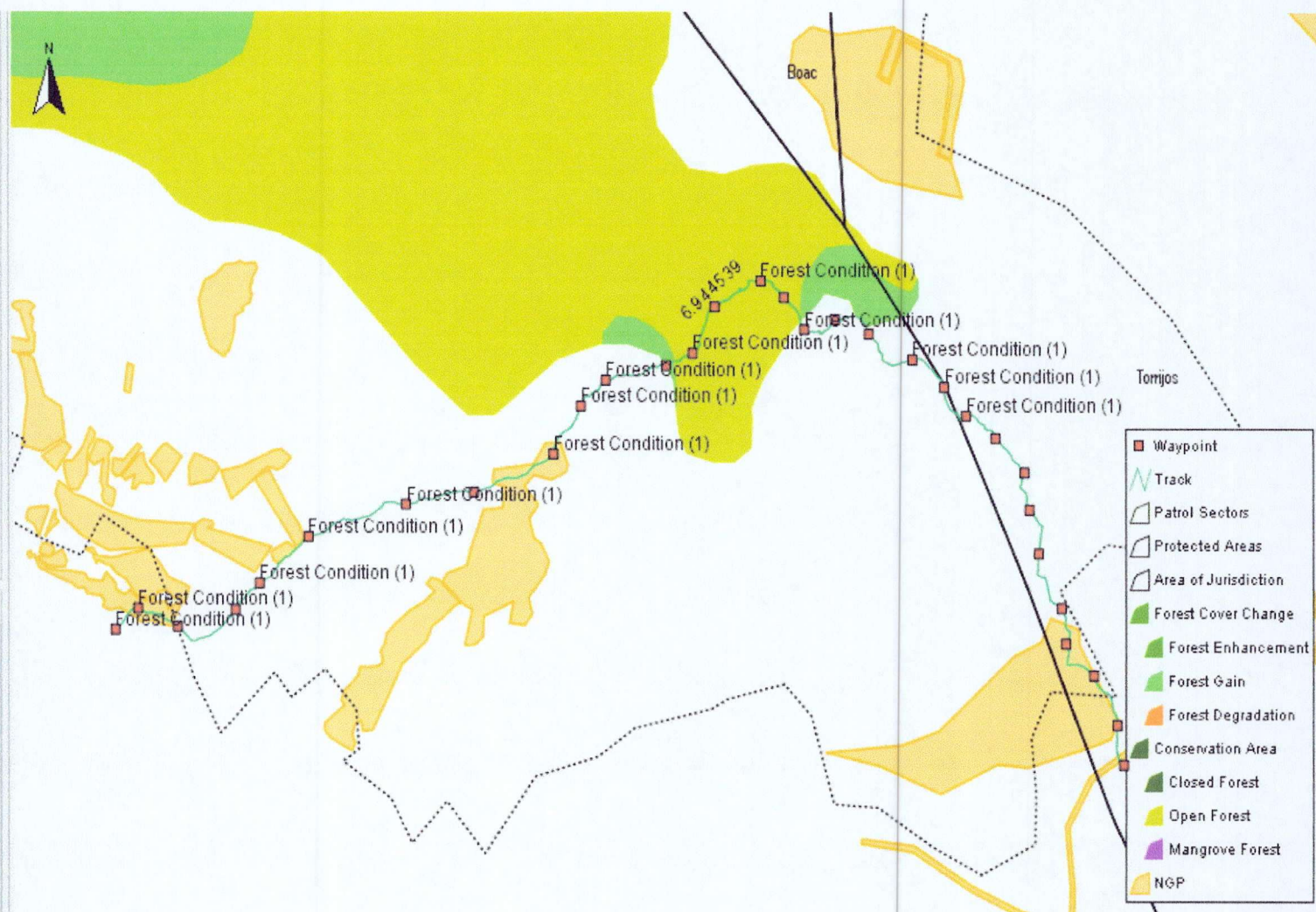
19 Jan 2023 7:35 PM

This report provides a summary of the patrol with the ID 174000\_000720

### Patrol Summary

Number of Patrollers		Distance (km)	
6		6.94	
Date of Patrol	Mandate	Patrol Leader	Patrollers
18 Jan 2023	Threats-focused Monitoring	Roderick Villanueva	Amando Rivamonte Arnulfo Lazo, Jr. Ireneo P. Villanueva Michael Rocha Regie Patulot 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**

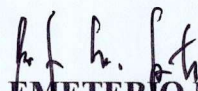
Forest Condition					Regeneration			
Old Growth	Advanced Secondary	Early Secondary	Open Uncultivated	Open Cultivated	Dense	Moderate	Sparse	None
		20	11			19	11	1

**Summary of Observed Threats**

Tree Cutting	Charcoal	Kaingin	Farming	Infrastructure	Fire	Others
						0

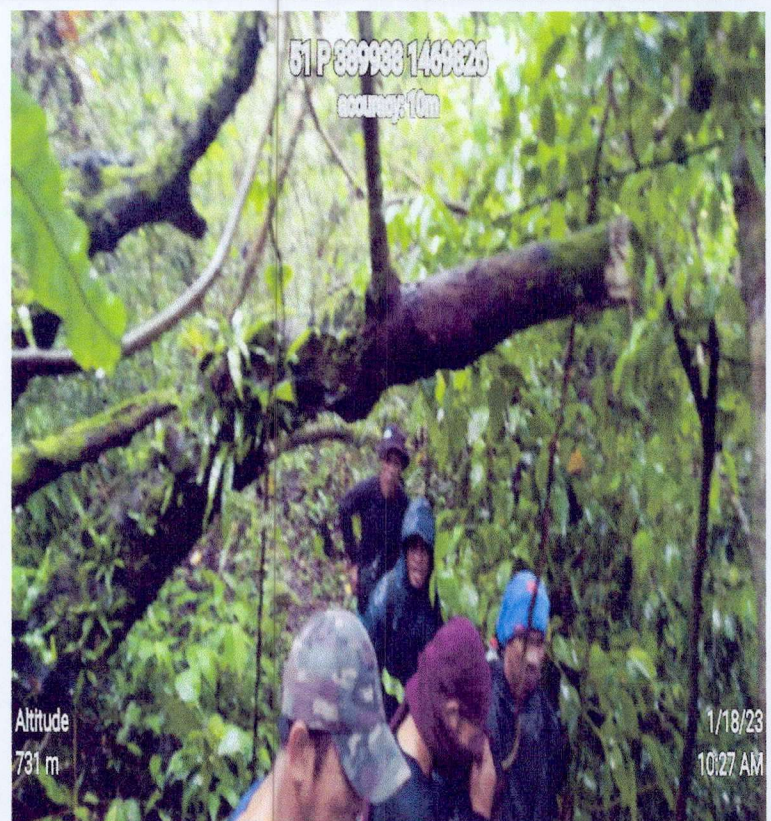
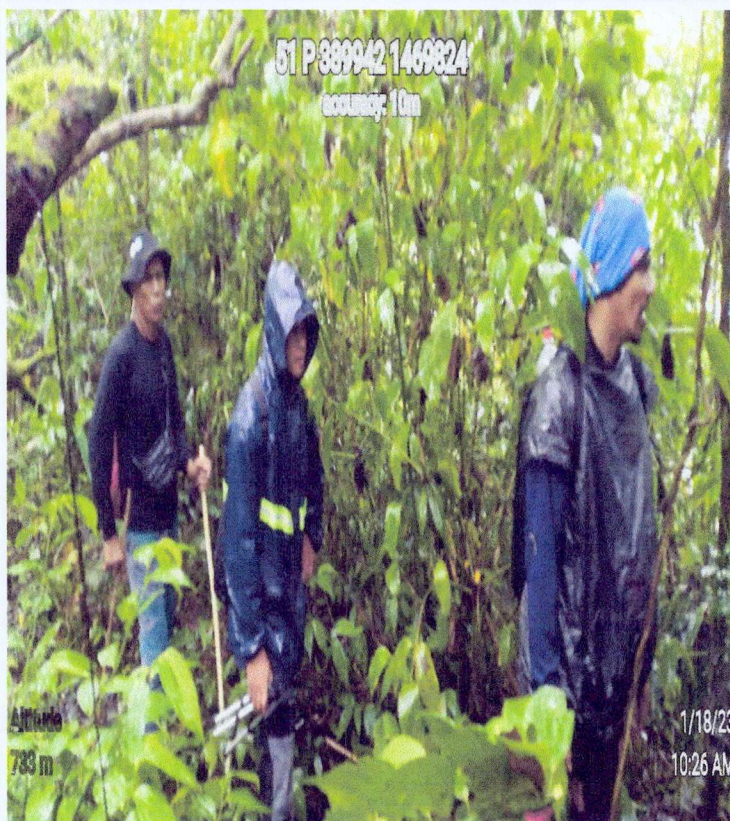
			<u>List of Observed Threats</u>	Action Taken	Level of response required
Waypoint ID	X	Y	Threat		

Prepared by:  
**SHERWIN P. VILLAVICENCIO**  
Forest Ranger

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



Pictures taken during LAWIN patrolling at Brgy. Malibgao, Torrijos to Brgy. Malbog, Buenavista, Marinduque.



8





**Team 2**  
Sherwin P. Villavicencio  
Roderick S. Villanueva

[illegible]

**EMERITUS M. RECTO**  
SENIOR ECOMS/PASU MWS





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

January 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 BRGY. CANAT TO  
HINAPULAN, BOAC, MARINDUQUE.**

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

The team composed of the undersigned together with Park Ranger Pondador Manay, Forest Protection Officer Gerald Liguít, Rex aljon Lacdang and Biodiversity Protection Assistant Elmer Lazarte, Restituto Labog and Leodegario Montiano, were able to patrol a total of 15.12 kilometers.

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

  
ALMER PEREGRIN  
Forest Ranger





## Patrol Report

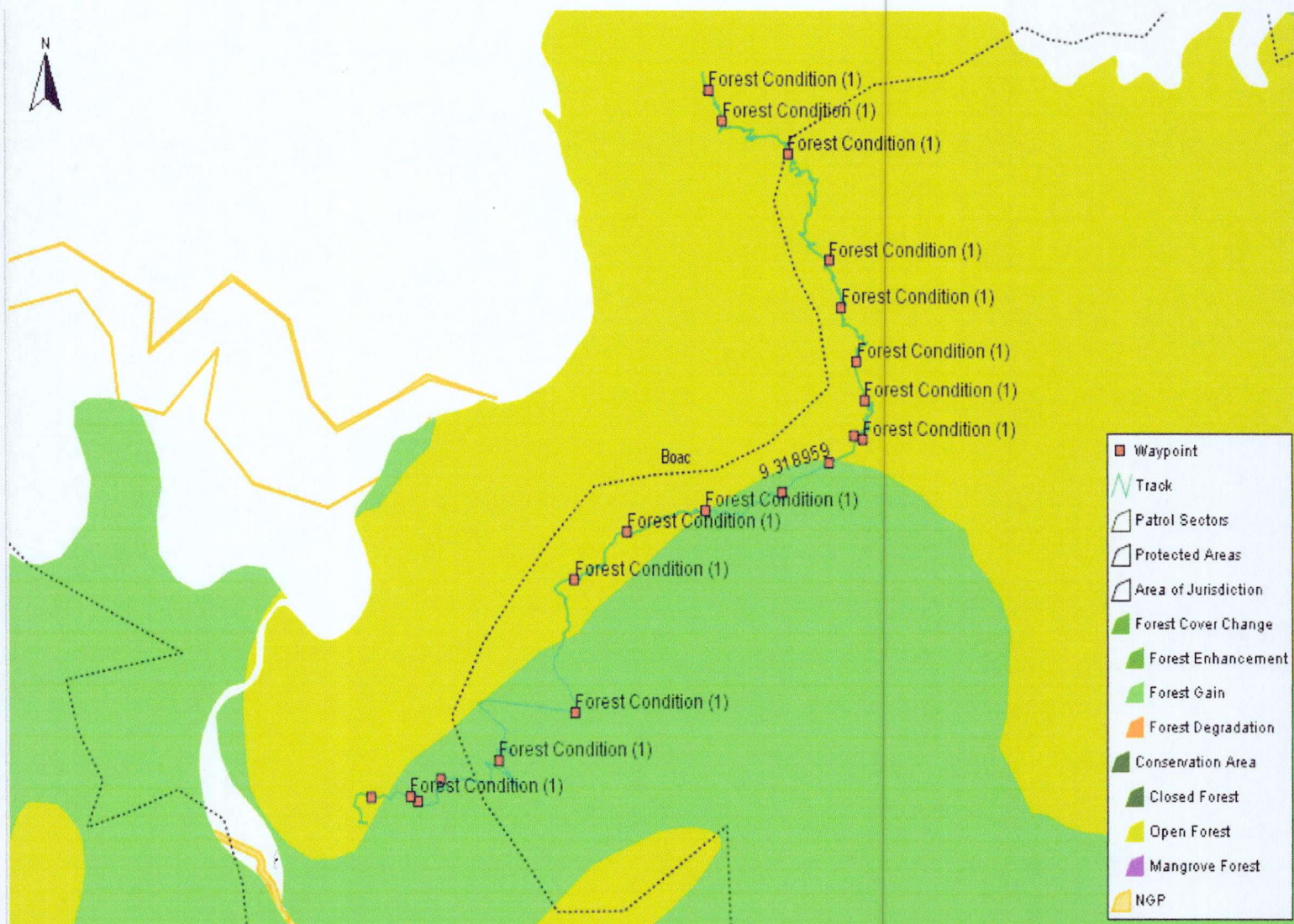
**Region 04B - Marinduque**

20 Jan 2023 10:41 AM

This report provides a summary of the patrol with the ID 174000\_000724

<u>Patrol Summary</u>		
Number of Patrollers		Distance (km)
4		9.32
Date of Patrol	Mandate	Patrol Leader
18 Jan 2023	Threats-focused Monitoring	Julius Mark Manooos
		Patrollers
		Elmer Lazarte Julius Mark Manooos 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
	10	7		3	2	14	4	

**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
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Prepared by:

  
**ALMER PEREGRIN**  
Forest Ranger

Noted by:

  
**EMETERIO M. RECTO**  
SENIOR ECOMS/PASu MWS





## Patrol Report

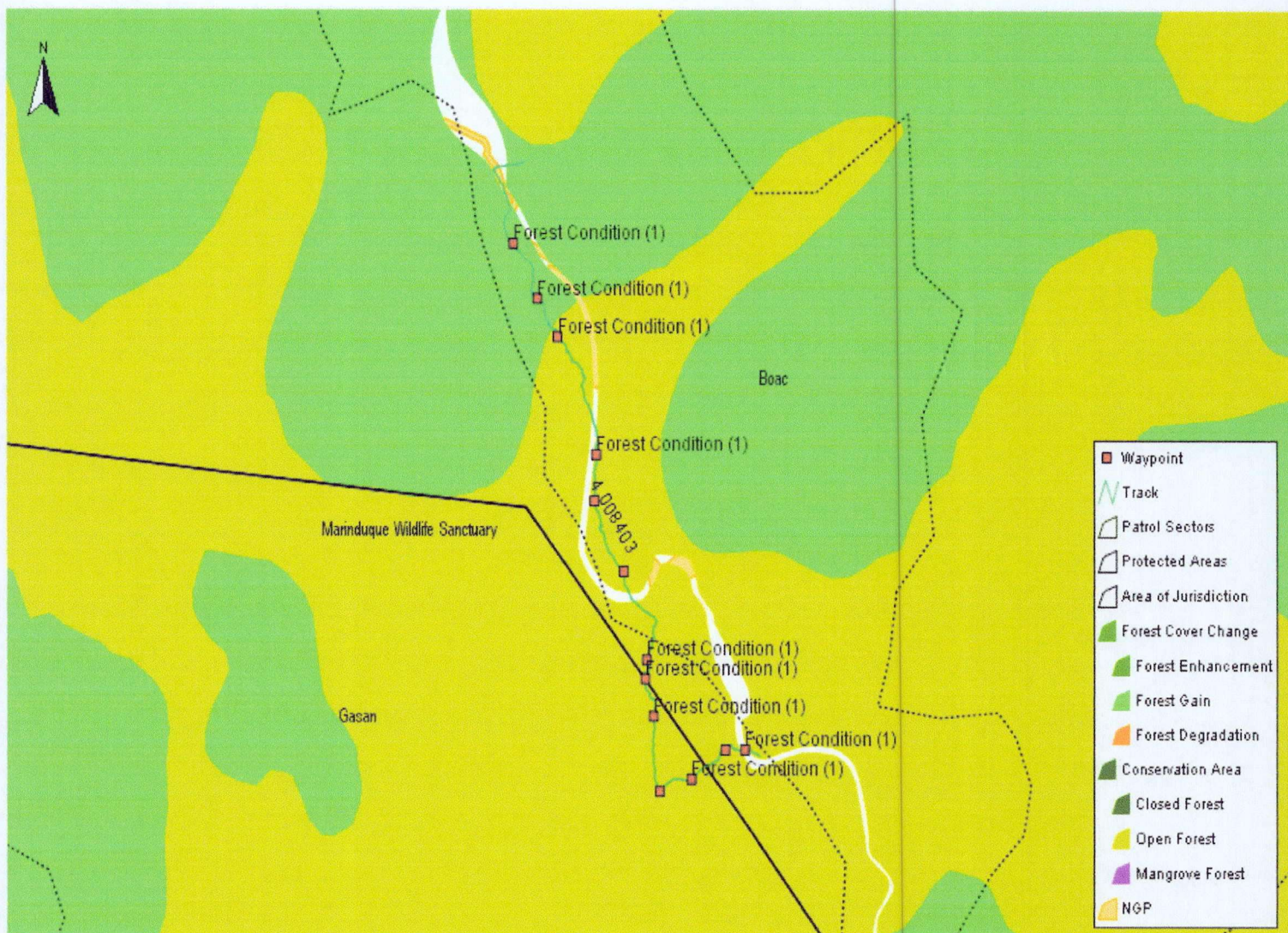
**Region 04B - Marinduque**

20 Jan 2023 10:14 AM

This report provides a summary of the patrol with the ID 174000\_000721

<u>Patrol Summary</u>			
<u>Number of Patrollers</u>		<u>Distance (km)</u>	
4		4.01	
<u>Date of Patrol</u>	<u>Mandate</u>	<u>Patrol Leader</u>	<u>Patrollers</u>
18 Jan 2023	Threats-focused Monitoring	Almer Peregrin	Almer Peregrin Gerald Liguít Leodegario Montiano Restituto Labog

### 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
		9	3	1		12		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:

  
**ALMER PEREGRIN**  
Forest Ranger

Noted by:

  
**EMETERIO M. RECTO**  
SENIOR ECOMS/PASu MWS





## Patrol Report

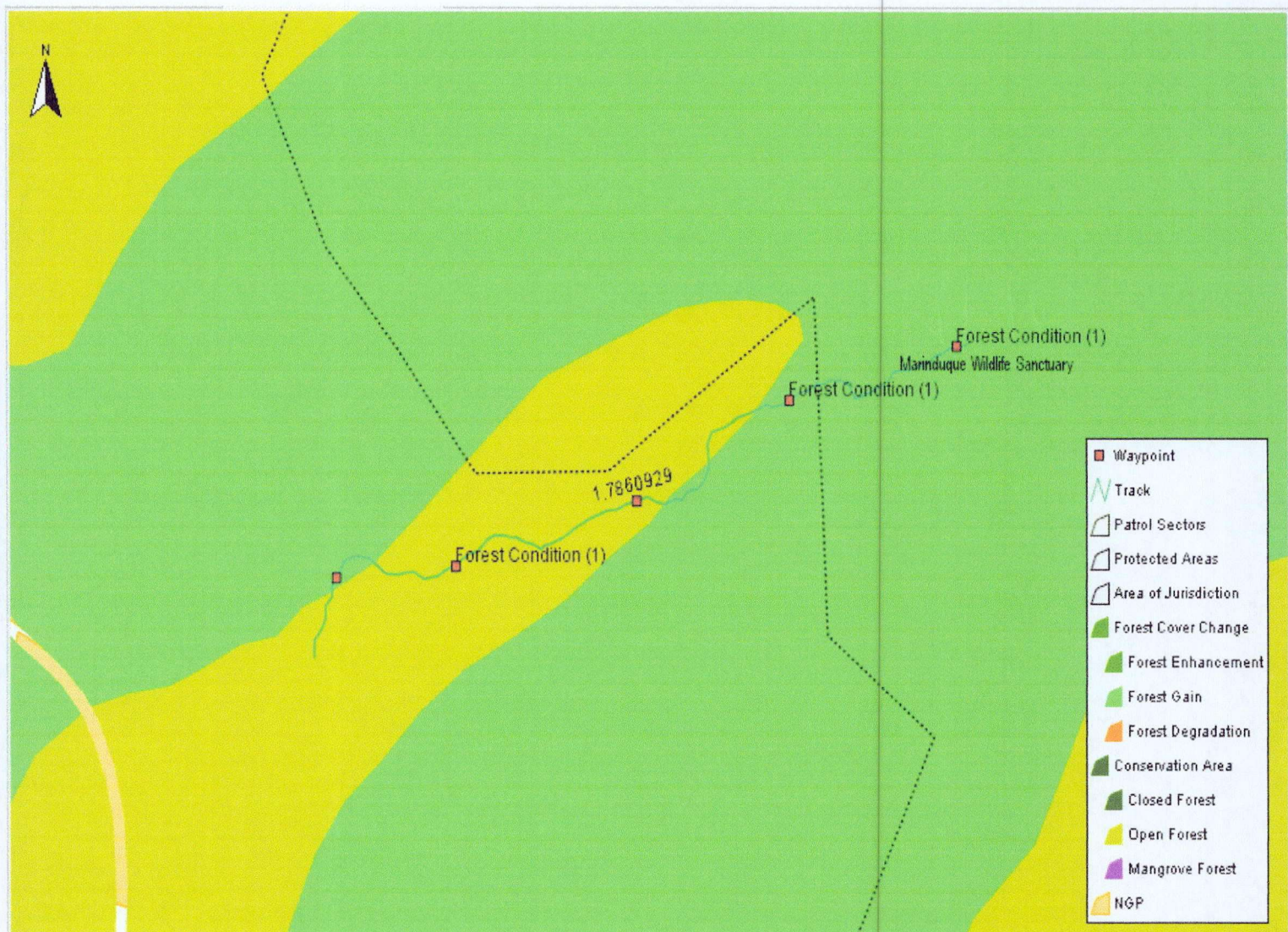
**Region 04B - Marinduque**

20 Jan 2023 10:15 AM

This report provides a summary of the patrol with the ID 174000\_000722

<u>Patrol Summary</u>			
Number of Patrollers		Distance (km)	
5		1.79	
Date of Patrol	Mandate	Patrol Leader	Patrollers
19 Jan 2023	Threats-focused Monitoring	Almer Peregrin	Almer Peregrin Elmer Lazarte Gerald Liguít Leodegario Montiano Restituto Labog

### 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	2		1		5		

**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:

  
**ALMER PEREGRIN**  
Forest Ranger

Noted by:

  
**EMETERIO M. RECTO**  
SENIOR ECOMS/PASu MWS



Pictures taken during monitoring/patrolling using LAWIN in Brgy. Hinapulan

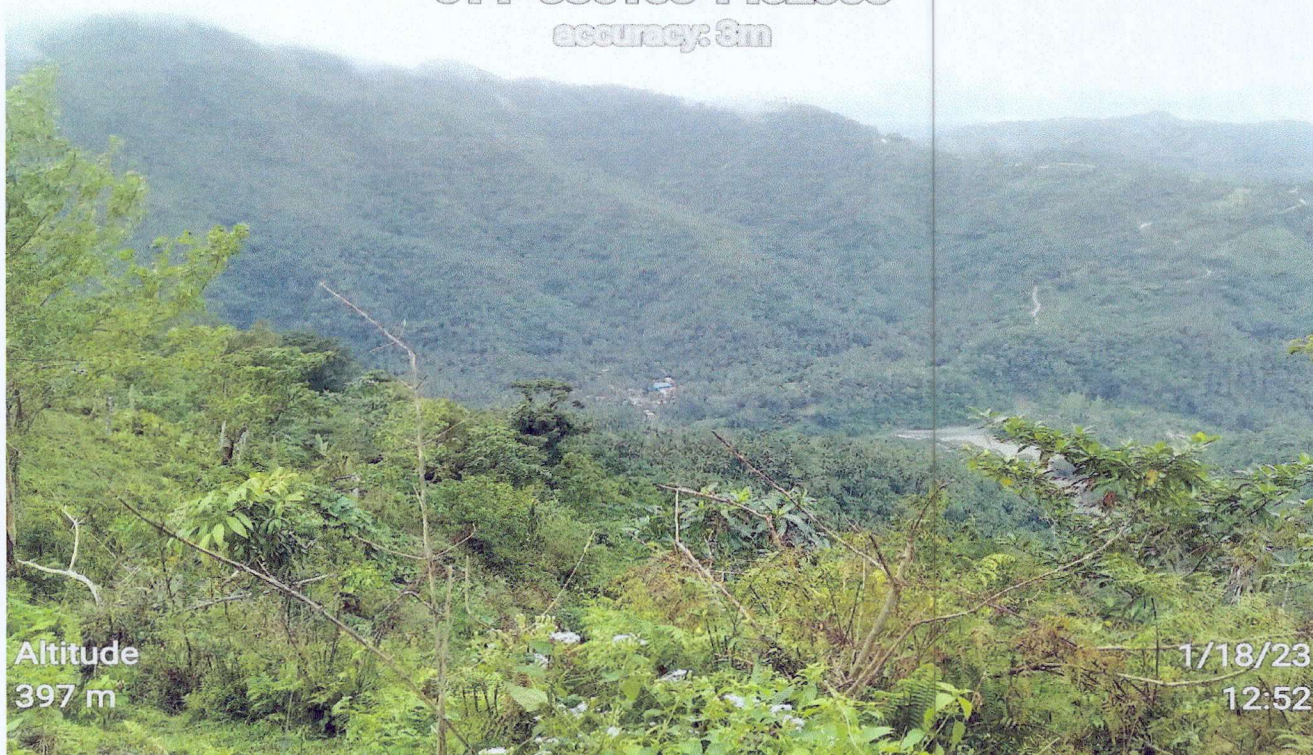




Pictures taken during monitoring/patrolling using LAWIN in Brgy. Hinapulan

51 P 386108 1482008

accuracy: 8m



Altitude  
397 m

1/18/23  
12:52

51 P 385873 1482067

accuracy: 4m

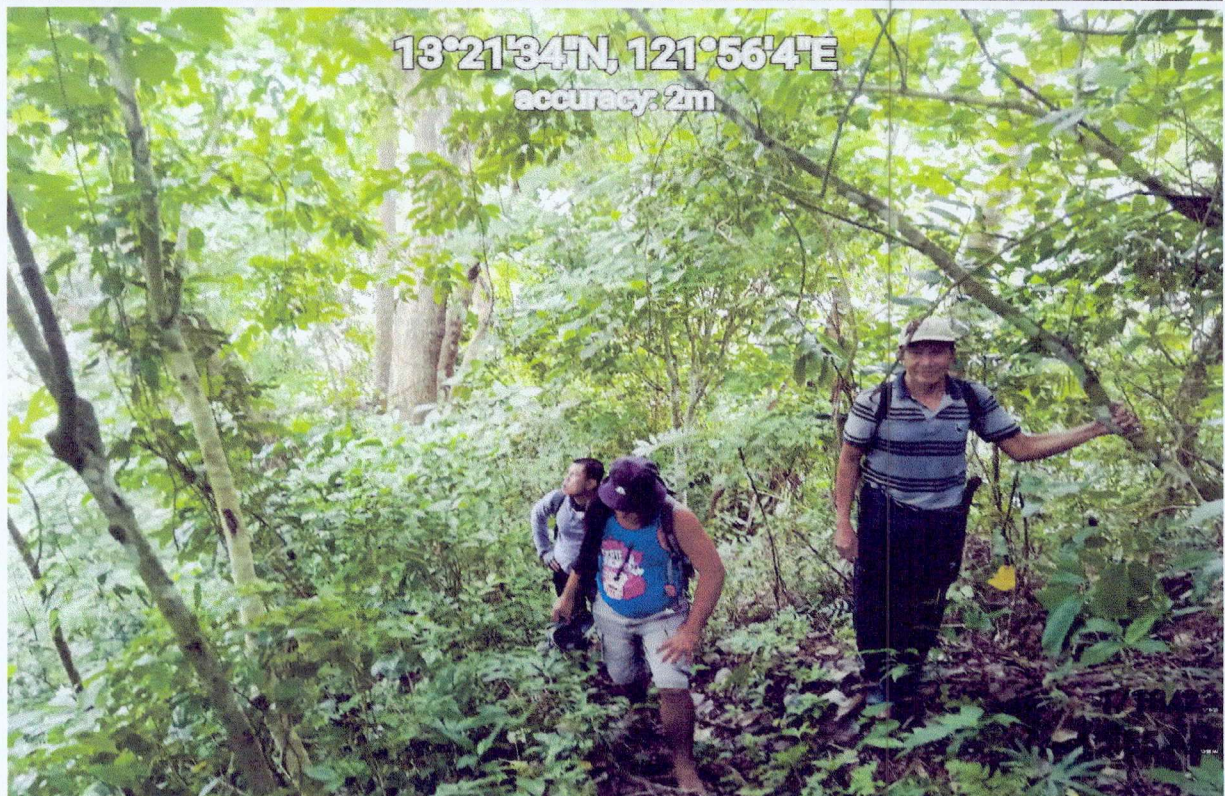


Altitude  
369 m

1/18/23  
13:10



Pictures taken during monitoring/patrolling using LAWIN in Brgy. Canat





Pictures taken during monitoring/patrolling using LAWIN in Brgy. Canat







## Team 2

Almer peregrin  
Julius Mark Manooos

[illegible]

Noted By:

**ALMER PEREGRIN**  
Forest Ranger

hfh.  
EMERIO M. RECTO  
SENIORT ECOMS/PASU MWVS