



Republic of the Philippines  
Department of Environment and Natural Resources  
**Provincial Environment and Natural Resources Office**  
**MIMAROPA Region**  
Bgy. Sta. Monica, Puerto Princesa City, Palawan  
E-mail: [penropalawan@denr.gov.ph](mailto:penropalawan@denr.gov.ph)  
Telfax No. (048) 433-5638 / (048) 433-5638

June 2, 2022

**MEMORANDUM**

**FOR :** The Regional Executive Director  
DENR-MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

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

**SUBJECT :** **SUBMISSION OF REVISED COMMUNITY RESOURCE  
MANAGEMENT FRAMEWORK (CRMF) AND FIVE YEAR  
WORKPLAN (FYWP) OF MARANAN UPLANDERS  
MARKETING ASSOCIATION (MUMA) INCORPORATED**

Respectfully forwarded is the memorandum dated May 18, 2022 from CENRO Quezon, Palawan submitting the lacking requirements of the formulated Community Resource Management Framework (CRMF) and Five-Year WorkPlan (FYWP) of Maranan Uplanders Marketing Association (MUMA).

For your information, review and approval.

  
**FELIZARDO B. CAYATOC**

DENR-PALAWAN  
PENRO-RECORDS  
**RELEASED**  
By \_\_\_\_\_  
Date: JUN 03 2022 CN 22-1381





Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
National Highway, Bgy. Alfonso XIII, Quezon, Palawan  
Email: cenroquezon@denr.gov.ph

May 18, 2022

**MEMORANDUM**

**FOR** : The Regional Executive Director  
DENR MIMAROPA Region  
1515 L & S Bldg. Roxas Blvd.  
Ermita, Manila

**THRU** : The Provincial Environment and  
Natural Resources Officer  
Puerto Princesa City, Palawan

**FROM** : The Community Environment and  
Natural Resources Officer  
Quezon, Palawan

**SUBJECT** : **SUBMISSION OF REVISED COMMUNITY RESOURCE  
MANAGEMENT FRAMEWORK (CRMF) AND FIVE YEAR  
WORK PLAN (FYWP) OF MARANAN UPLANDERS  
MARKETING ASSOCIATION (MUMA) INCORPORATED**

**DENR PENRO  
PALAWAN RECORDS  
RECEIVED**  
BY: *[Signature]*  
DATE: 05.22.2022 12:4298

This pertains with phone message received by this Office on May 11, 2022 from Regional CBFM Desk Officer Elna Yoo instructing this Office to resubmit the lacking attachments/requirements of the formulated Community Resource Management Framework (CRMF) and Five Year Work Plan (FYWP) of Maranan Uplanders Marketing Association (MUMA) Inc. and submit the affirmation sheet signed by the Regional Executive Director Lormelyn E. Claudio, *CESO IV* as affirming Officer.

Respectfully submitted is the duly accomplished Affirmation Sheet of CRMF for affirmation/approval of Regional Executive Director Lormelyn E. Claudio, *CESO IV* and Approval Sheet of FYWP for the 6<sup>th</sup> Year onwards, also, the scanned copy of following lacking attachment/requirements, to wit:

1. Basic Information
  - a. Production sharing agreement with People's Organizations in the harvest of forest plantations owned by the government inside CBFM Areas per DAO 98-42. as indicated in Project Sustainability Plan.
2. Maps
  - a. Community Map
  - b. Grid Index Map
  - c. Drainage Map with rivers/creeks and corresponding name
  - d. Land Classification Map
  - e. ECAN Map
  - f. Geohazard Map
  - g. Slope Map

*[Handwritten mark]*





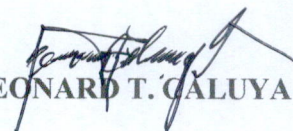
Republic of the Philippines  
Department of Environment and Natural Resources  
MIMAROPA Region  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
National Highway, Bgy. Alfonso XIII, Quezon, Palawan  
Email: cenroquezon@denr.gov.ph

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- h. Base Map (CBFM Area)
- i. Land Cover Map
- j. Elevation Map
- k. Map of Existing Projects and Other Areas (CBFM, NGP (2011, 2016 and 2017-Clonal), CSC Areas and CARP Area)
- l. Envisioned Land Use Map
- m. Timber Harvesting Map

For your information, record and further instruction.



  
LEONARD T. CALUYA



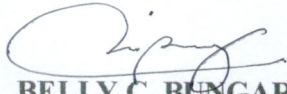
**AFFIRMATION OF COMMUNITY RESOURCE MANAGEMENT FRAMEWORK  
(CRMF) AND APPROVAL OF 1<sup>ST</sup> FIVE-YEAR WORK PLAN (FYWP)**

TO : MARANAN UPLANDERS MARKETING  
ASSOCIATION (MUMA) INC.

SUBJECT : COMMUNITY RESOURCE MANAGEMENT  
FRAMEWORK FOR COMMUNITY-BASED FOREST  
MANAGEMENT AGREEMENT NO. RIV-PAL-  
CBFMA-2001-23 COVERING AN AREA OF 800  
HECTARES LOCATED IN SITIO MARANAN,  
BARANGAY CALATEGAS, NARRA, PALAWAN  
COVERING CY 2020-2026 AND 1<sup>ST</sup> FIVE-YEAR  
WORK PLAN COVERING JANUARY 2, 2020 TO  
NOVEMBER 22, 2026

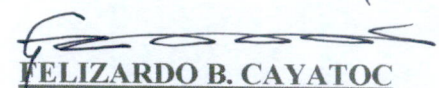
Pursuant to the DENR Administrative Order No. 2004-29 dated 25 August 2004 and DENR Administrative Order No. 2021-17 dated 21 June 2021, I hereby affirm and commit to support the implementation of the CRMF of **Maranan Uplanders Marketing Association (MUMA) Inc.** with CBFMA No. RIV-PAL-2001-23.

The affirmed CRMF shall serve as the Initial Environmental Examination (IEE) and shall be the basis for the issuances of the ECC.

  
**BELLY C. BUNGAR**  
PO Representative

Recommended By:

  
**LEONARD T. CALUYA**  
CENRO

  
**FELIZARDO B. CAYATOC**  
PENR Officer

Affirmed/Approved By:

**LORMELYN E. CLAUDIO, CESO IV**  
Regional Executive Director

Copy furnished : Municipal Government of Narra, Palawan  
Provincial Government of Palawan  
Regional Executive Director  
PENRO  
FMB

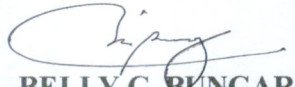


**APPROVAL OF FIVE-YEAR WORK PLAN FOR THE 6<sup>TH</sup> YEAR ONWARDS**

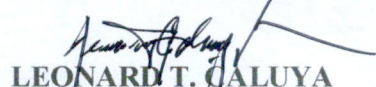
**TO :** MARANAN UPLANDERS MARKETING  
ASSOCIATION (MUMA) INC.  
SITIO MARANAN, BARANGAY CALATEGAS,  
NARRA, PALAWAN

**SUBJECT :** FIVE (5) YEAR WORK PLAN OF MARANAN  
UPLANDERS MARKETING ASSOCIATION (MUMA)  
INC. FOR CBFMA NO. RIV-PAL-2001-23 COVERING  
JANUARY 2, 2020 TO NOVEMBER 22, 2026

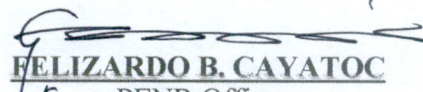
Pursuant to the DENR Administrative Order No. 2004-29 dated 25 August 2004 and DENR Administrative Order No. 2021-17 dated 21 June 2021, I hereby approved and commit to support the implementation of the 5-Year Work Plan of the **Maranan Uplanders Marketing Association (MUMA) Inc.** to be implemented in Sitio Maranan, Barangay Calategas, Narra, Palawan with CBFMA No. RIV-PAL-2001-23. The **Maranan Uplanders Marketing Association (MUMA) Inc.** may now proceed with the implementation of Five-Year Work Plan issued on \_\_\_\_\_.

  
**BELLY C. BUNGAR**  
PO Representative

**Recommending Approval:**

  
**LEONARD T. CALUYA**  
CENRO

**Approved By:**

  
**FELIZARDO B. CAYATOC**  
PENR Officer

Copy furnished : Municipal Government of Narra, Palawan  
Provincial Government of Palawan  
Regional Executive Director  
PENRO  
FMB



# MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

Barangay Calategas, Narra, Palawan

## PROJECT SUSTAINABILITY PLAN

### RESOURCE UTILIZATION

#### 1. Forest Products to be Utilized

##### 1.1 Forest Tree Plantation

###### 1.1.1 Reforestation

Within the five (5) year Work Plan, the PO has proposed to utilize its forest tree plantation with an estimated area of more or less fifty (50) hectares of planted Mahogany and Gmelina. The plantation is now ready for selective harvesting considering that it is about 13 to 20 years old consisting of planted tree species like Mahogany and Gmelina.

##### 1.2 Area of Operation

The tree plantation is located within the CBFMA area of PO-Maranan Uplanders Marketing (MUMA), Inc. scattered situated in Barangay Calategas, Narra, Palawan.

##### 1.3 Approximate Quantity to be Utilized

Result of 100% inventory conducted by DENR personnel together with the representative from the PO using the prescribed method on non-dipterocarp species for Western Visayas Region, it disclosed that the total volume as reflected in the stand and stock table is approximately 242.77 Cubic meters. This consists of the following:

Species	Volume (cu.m.)
Mahogany	82.21
Gmelina	160.21
<b>TOTAL</b>	<b>242.77</b>

This plan has proposed to utilize only those with DBH class of 15 centimeters in diameter and above for good lumber and charcoal (for tops and branches) as the primary product. However, utilization of the tree plantation does not include those that are within the 40-meters strip along both sides of the stream banks and those that are above 50% slope.



The approximate utilization of volume of logs that may be produced in a yearly basis shall be:

Species	2020	2021	2022	2023	2024	Volume (cu.m.)
Mahogany	32.884	32.884	5.48	5.48	5.48	82.21
Gmelina	64.224	24.084	24.084	24.084	24.084	160.56
<b>TOTAL</b>						<b>242.77</b>

#### **1.4 Methods of Harvesting and Transport of Products**

The contracted buyer uses the traditional method of harvesting wherein the matured planted trees were felled and buck using chainsaw which will be dragged and hauled from the stump and transported by draft animals to the operation center or loading point in Brgy. Calategas, Narra, Palawan. However, the chainsaw that shall use should be registered in Palawan Council for Sustainable Development (PCSD). Trucks will be used to haul the products from the operation center lumber yard/buying station.

#### **1.5 Equipment and Tools to be Used**

The authorized/contracted buyer will provide the equipment and tools to be used.

#### **1.6 Major Activities, Targets, Schedule, Responsible Persons and Support Requirements**

Utilization of forest tree planted within the CBFMA area shall be conducted during the first to the fifth year of this plan.

#### **1.7 Disposition Scheme**

Forest products will be disposed to the contracted buyer in the form of lumber, charcoal, fuel wood and raw materials for cottages, bunkhouse of the Association, and among others.

The PO will help the members in choosing a good buyer of the above stated products.



### **1.8 Estimated Production Costs and Financial Sourcing**

Since the People's Organization agreed to sell their products to the contracted buyer, it is the buyer will shoulder all the needed operating expenses as well as the machineries to be used.

### **1.9 Estimated Harvesting Operating Cost and Financial Sourcing**

It is estimated that more or less 100% utilization of twigs/branches for firewood and charcoal production.

### **1.10 Proposed CBFM Activities on Income Generated**

Pursuant to DAO No. 98-42, series of 1998, the government share levied on plantation forest funded by the government especially in ISF/CBFM areas and other reforestation projects issued with tenurial instrument has the following sharing agreement, to wit:

People's Organization	-	75% of the gross sales
Government share	-	12.5% of the gross sales
CBFM Fund	-	12.5% of the gross sales

Furthermore, per agreed resolution of the organization, out of the 75% share of the organization on the derived income, 70% will be given to the individual claimant and 5% will the PO share that will be used for plantation, community development support fund and organizational developmental activities.

The proposed CBFM activities that are enumerated in this plan shall benefited from the income that may be generated from the utilization of the tree plantation within the CBFMA area of the PO. Such activities will include but not limited to the following, to wit:

- a. Forest area development particularly on natural and tree plantation development, protection and re-investment plan;
- b. Organizational development;
- c. Livelihood enterprise development projects;
- d. IEC activities; and
- e. On-farm/off-farm development.

The fund will come from the proposed MUMA Fund Account in which the 5% PO share will be deposited and it will be established as soon as this plan starts to operate.

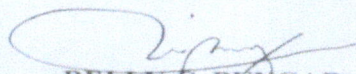


Prepared by:

MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

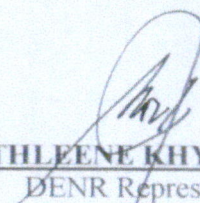
Name of PO

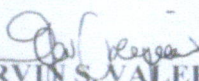
Represented by:

  
**BELLY C. BUNGAR**  
PO President

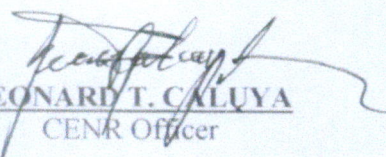
Assisted by:

  
**GEMS ASTER O. ALFECHE**  
DENR Representative

  
**KATHLEENE KHYE F. MOZO**  
DENR Representative

  
**ERVIN S. VALERIANO**  
CBFM Desk Officer

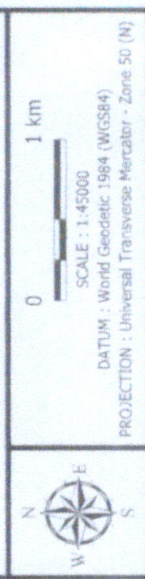
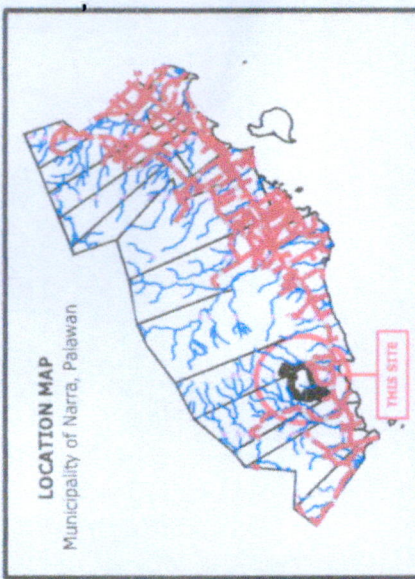
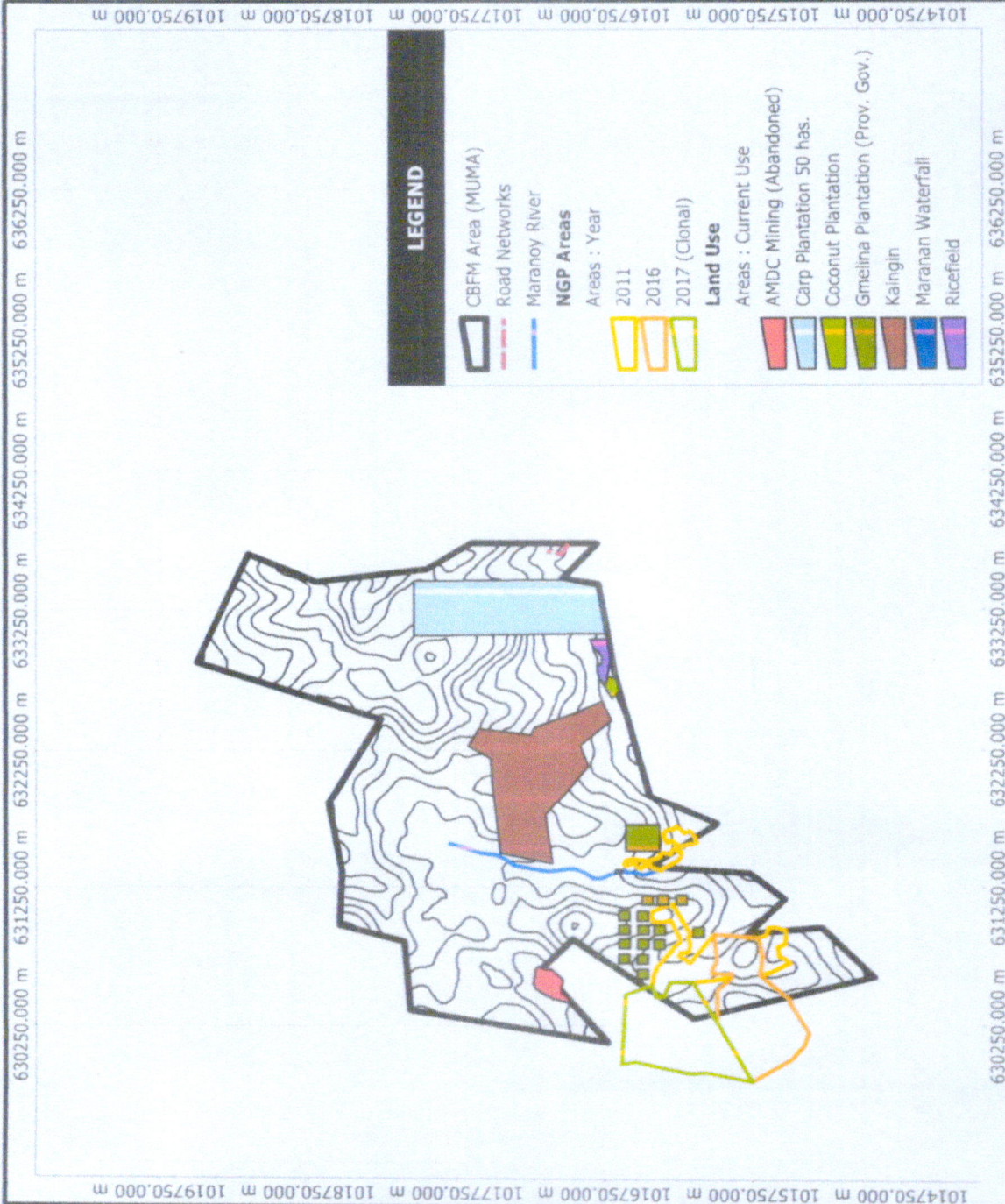
Affirmed by:

  
**LEONARD T. CALUYA**  
CENR Officer

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MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.





**COMMUNITY MAP**  
of  
**MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.**

AREA : 800 HECTARES  
REGION : IV-B (MIMAROPA)  
PROVINCE : PALAWAN  
MUNICIPALITY : NARRA  
BARANGAY : CALATEGAS

Reference : MUMA Map, Current Land Use, NGP Sites

Prepared by: **JOHN MICHAEL T. RODRIGUEZ**  
Forest Technician II

Checked and Verified by: **ERVIN S. VALERIANO**  
Forester / CBFM Desk Officer

Reviewed by: **MICHAEL D. SEBIDO**  
ECONOMIST/In-Charge, CDS

Attested by: **LEONARDO J. CALUYA**  
CBMRO



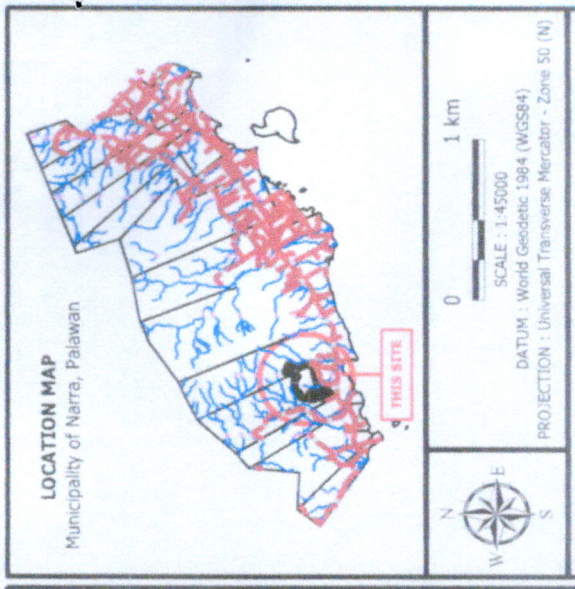


Prepared by: **JOHN MICHAEL I. RODRIGUEZ**  
Forest Technician II

Checked and Verified by: **ERVIN S. VALERIANO**  
Forester I/CBFM Desk Officer

Reviewed by: **MICHAEL SEBIDO**  
ECOMS II/In-Charge, CDS

Attested by: **LEONARD T. CALUYA**  
CENRO

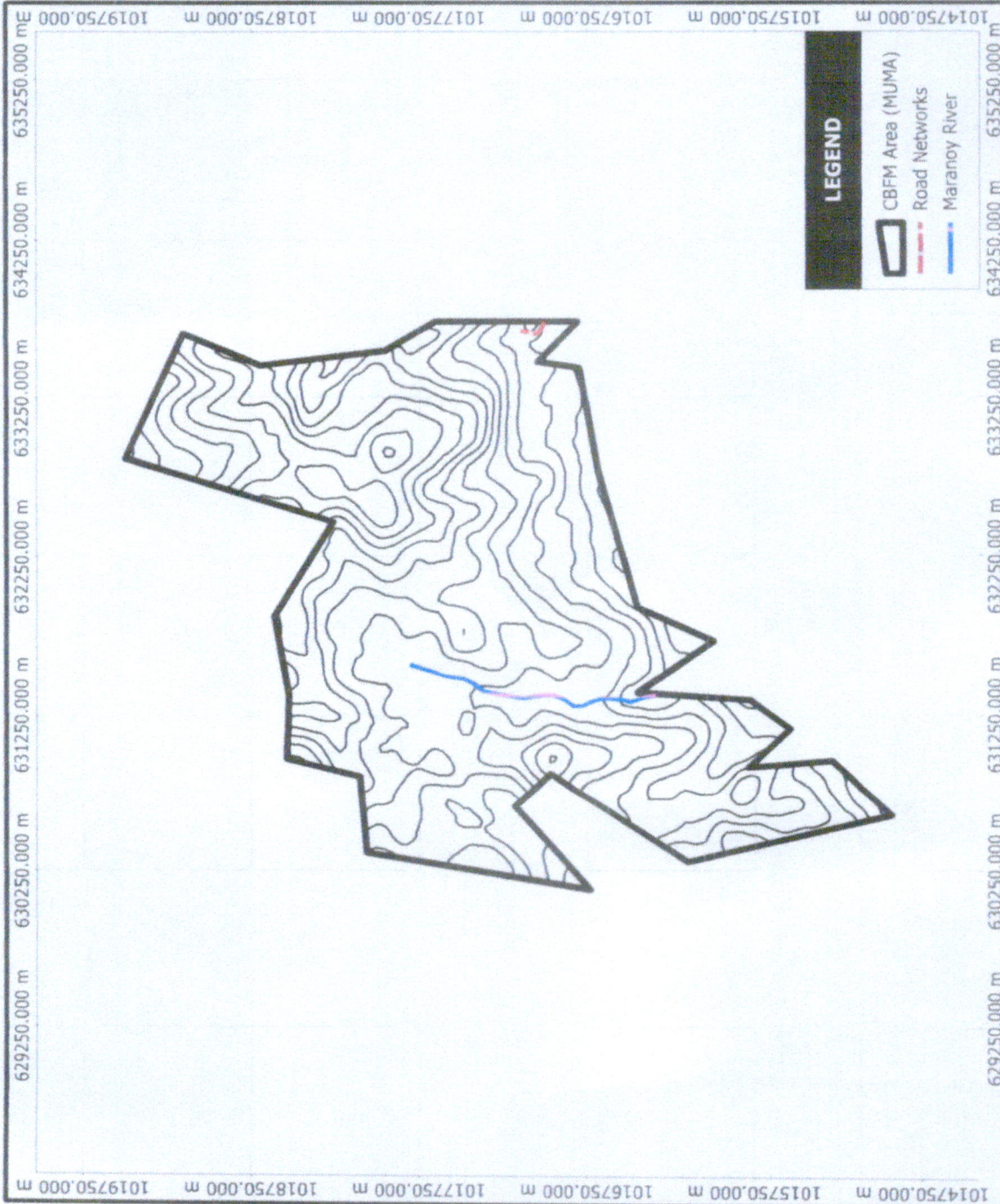


# GRID INDEX MAP of MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

AREA: 800 HECTARES  
REGION: IV-B (MIMAROPA)  
PROVINCE: PALAWAN  
MUNICIPALITY: NARRA  
BARANGAY: CALATEGAS

Reference : MUMA Map, Grid @1000m.



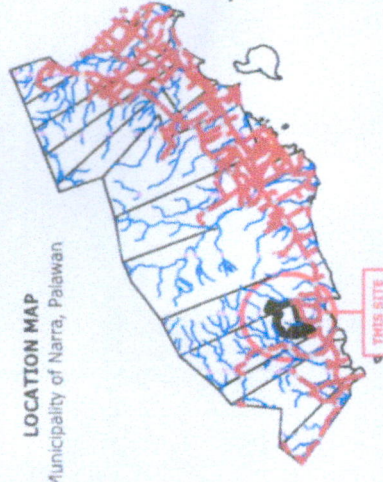


# LEGEND

- CBFM Area (MUMA)
- Road Networks
- Maranoy River

## LOCATION MAP

Municipality of Narra, Palawan



0 1 km

SCALE : 1:40000

DATUM : World Geodetic 1984 (WGS84)

PROJECTION : Universal Transverse Mercator - Zone 50 (N)

## DRAINAGE MAP of MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

AREA: 800 HECTARES  
REGION: IV-B (MIMAROPA)  
PROVINCE: PALAWAN  
MUNICIPALITY: NARRA  
BARANGAY: CALATEGAS

Reference : MUMA Map, Topo Map, Rivers and Creeks

Prepared by:

JOHN MICHAEL T. RODRIGUEZ  
Forest Technician II

Checked and Verified by:

ERVIN S. VALERIANO  
Forester I/CBFM Desk Officer

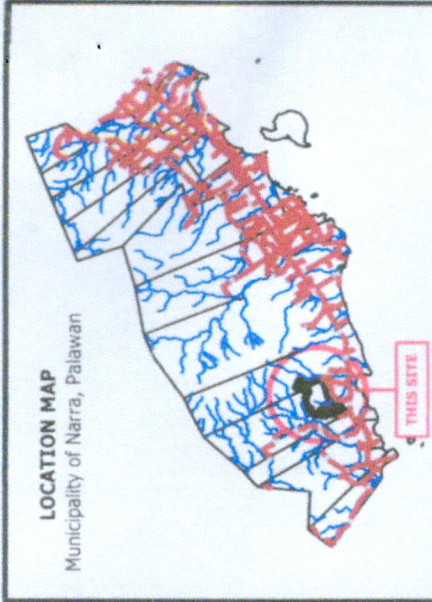
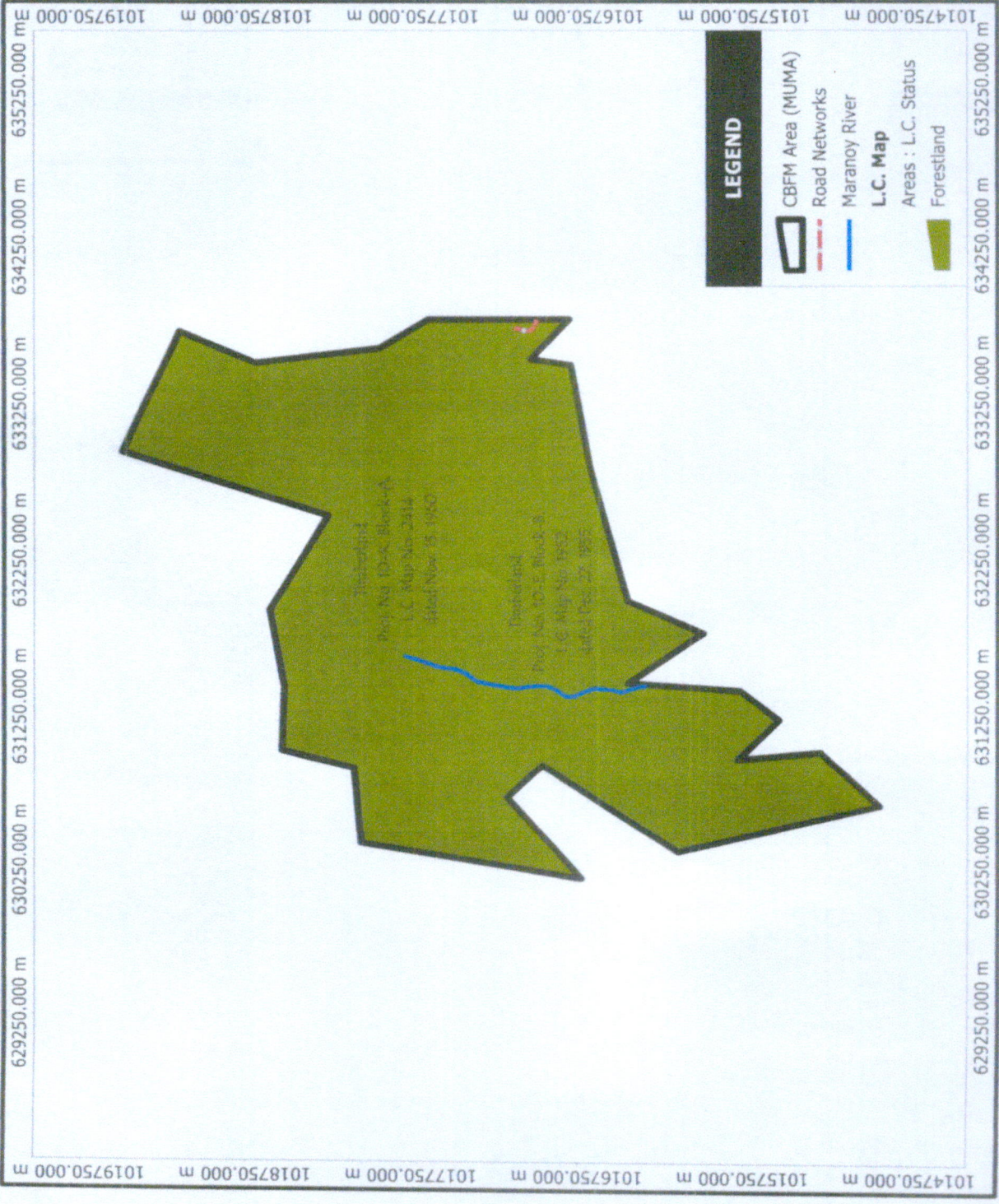
Reviewed by:

MICHELLE X. SEBIDO  
ECONOMIST IN CHARGE, CDS

Attested by:

LEONARD T. CALUYA  
CENRO





0 1 km  
SCALE : 1:40000  
DATUM : World Geodetic 1984 (WGS84)  
PROJECTION : Universal Transverse Mercator - Zone 50 (N)

# LAND CLASSIFICATION MAP of MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

AREA : 800 HECTARES  
REGION : IV-B (MIMAROPA)  
PROVINCE : PALAWAN  
MUNICIPALITY : NARRA  
BARANGAY : CALATEGAS

Reference : MUMA Map, L.C. Map

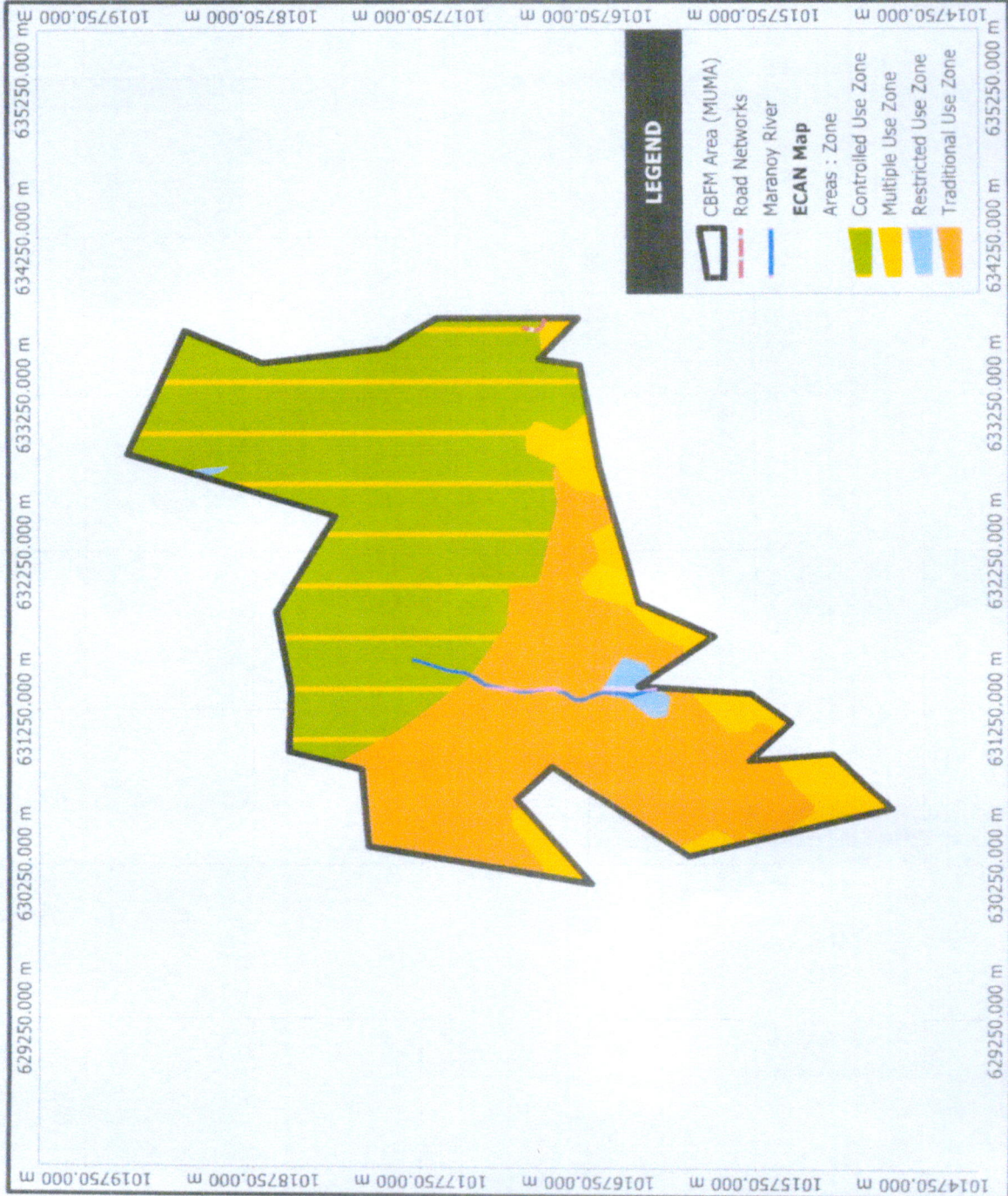
Prepared by: **JOHN MICHAEL T. RODRIGUEZ**  
Forest Technician II

Checked and Verified by: **ERVIN S. VALERIANO**  
Forester / CBFM Desk Officer

Reviewed by: **MICHAEL S. SEBIDO**  
ECOMSA / In-Charge, CDS

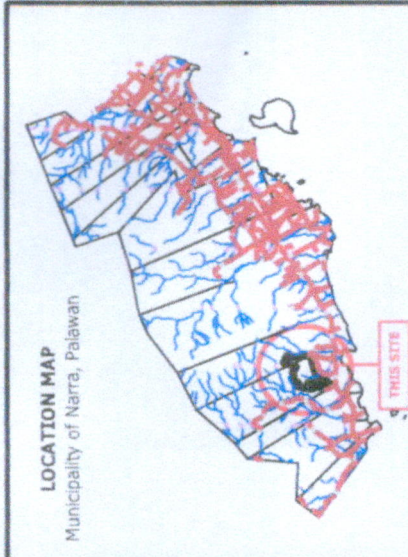
Attested by: **JEONARD T. CALUYA**  
CENRO





**LEGEND**

- CBFM Area (MUMA)
- Road Networks
- Maranoy River
- ECAN Map**
- Areas : Zone
- Controlled Use Zone
- Multiple Use Zone
- Restricted Use Zone
- Traditional Use Zone



SCALE : 1:40000  
 DATUM : World Geodetic 1984 (WGS84)  
 PROJECTION : Universal Transverse Mercator - Zone 50 (N)

ENVIRONMENTALLY CRITICAL  
 AREAS NETWORK MAP  
 of  
 MARANAN UPLANDERS  
 MARKETING ASSOCIATION  
 (MUMA), INC.

AREA : 800 HECTARES  
 REGION : IV-B (MIMAROPA)  
 PROVINCE : PALAWAN  
 MUNICIPALITY : NARRA  
 BARANGAY : CALATEGAS

Reference : MUMA Map, ECAN Map

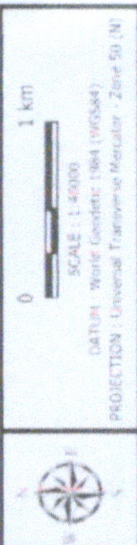
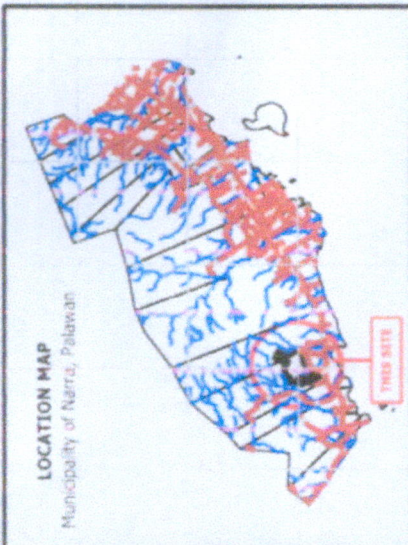
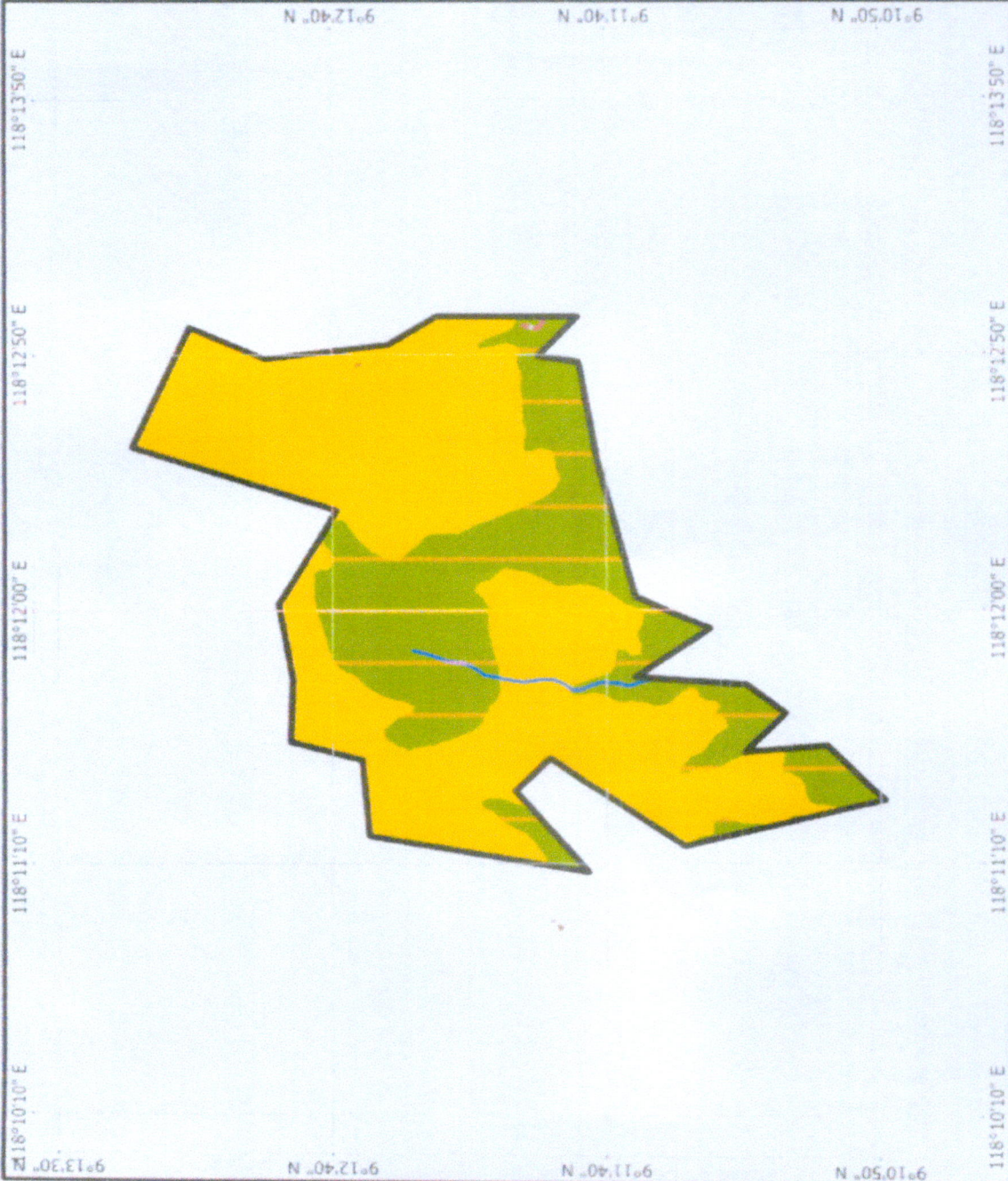
Prepared by: JOHN MICHAEL T. RODRIGUEZ  
 Forest Technician II

Checked and Verified by: ERVIN S. VALERIANO  
 Forester / CBFM Desk Officer

Reviewed by: MICHELLE X. SEBIDO  
 ECOMS / In-Charge, CDS

Attested by: LEONARD T. DALUYA  
 CENRO



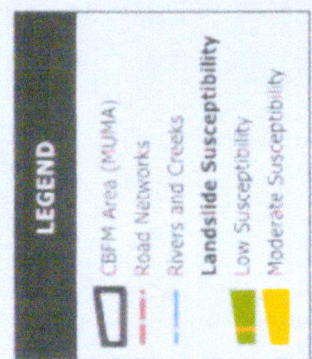


SCALE : 1:40,000  
 DATUM : World Geodetic 1984 (WGS84)  
 PROJECTION : Universal Transverse Mercator - Zone 50 (N)

**GEOHAZARD (LANDSLIDE SUSCEPTIBILITY) MAP**

**MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.**

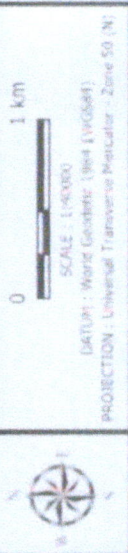
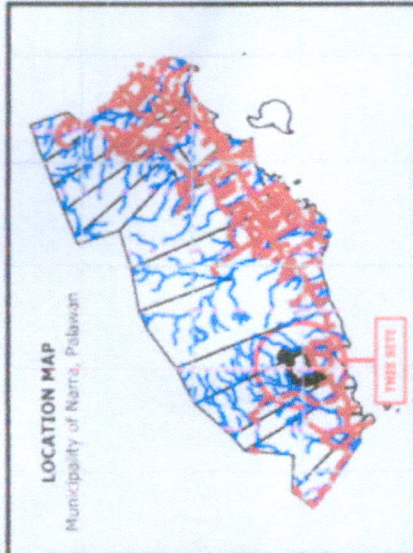
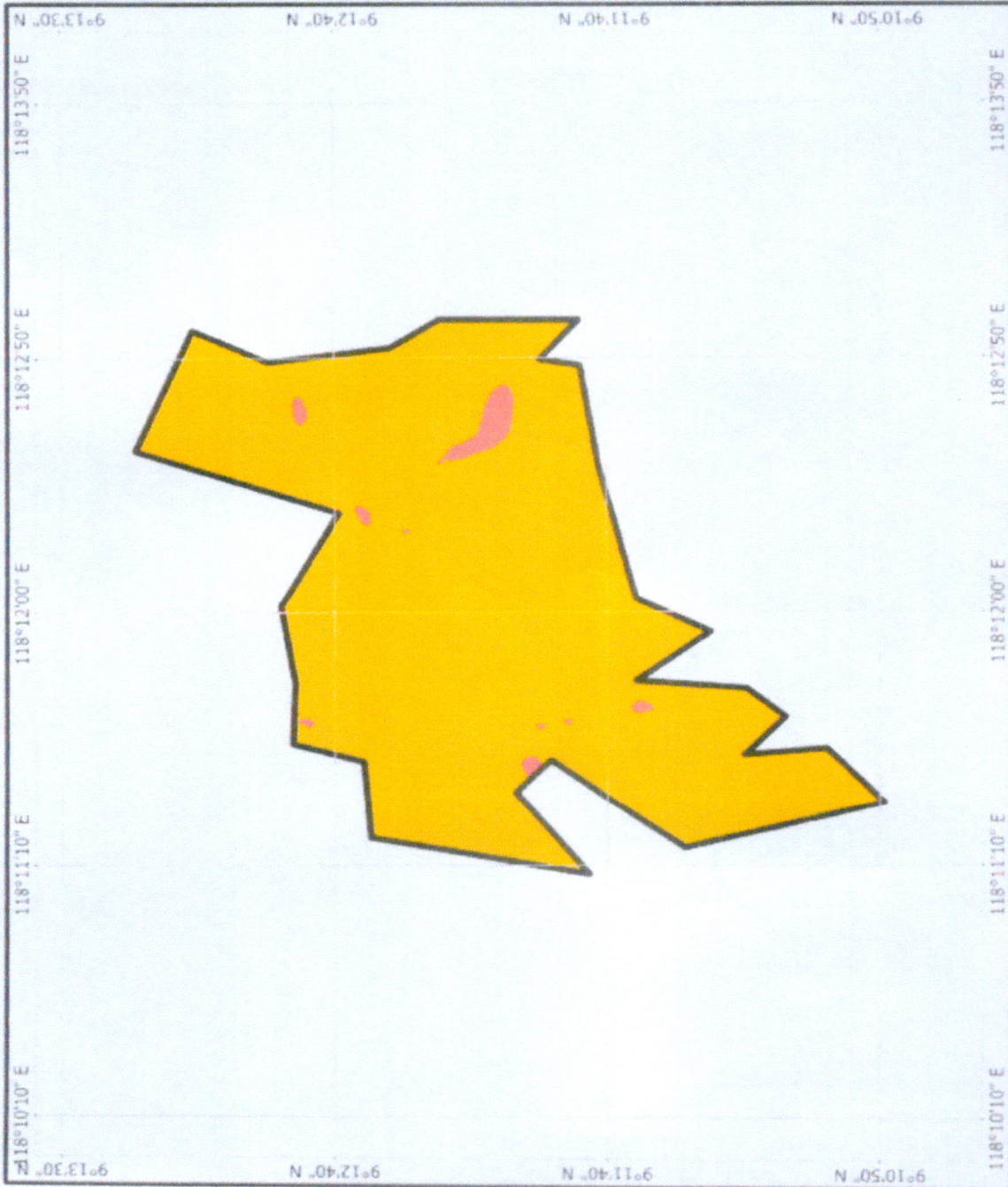
AREA	800 HECTARES
REGION	IV-B (MIMAROPA)
PROVINCE	PALAWAN
MUNICIPALITY	NARRA
BARANGAY	CALATEGAS



Reference : MGB, Geohazard Map (Landslide Susceptibility)

Prepared by:	Checked and Verified by:	Reviewed by:	Attested by:
JOHN MICHAEL T. RODRIGUEZ Forest Technician II	ERVIN S. VALERIANO Forester / CBFM Desk Officer	MICHELLE J. SERIDO ECONOMICS-Charge CDS	LEONARD T. CALUYA CENRO

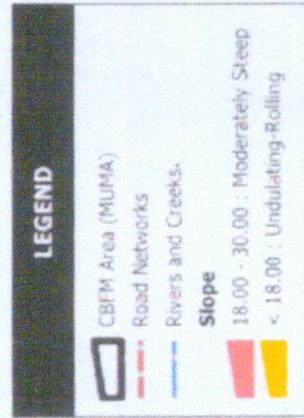




**SLOPE MAP**

MARANAN UPLANDERS  
MARKETING ASSOCIATION  
(MUMA), INC.

AREA	800 HECTARES
REGION	IV-B (MIMAROPA)
PROVINCE	PALAWAN
MUNICIPALITY	NARRA
BARANGAY	CALATEGAS



Reference: Slope Map

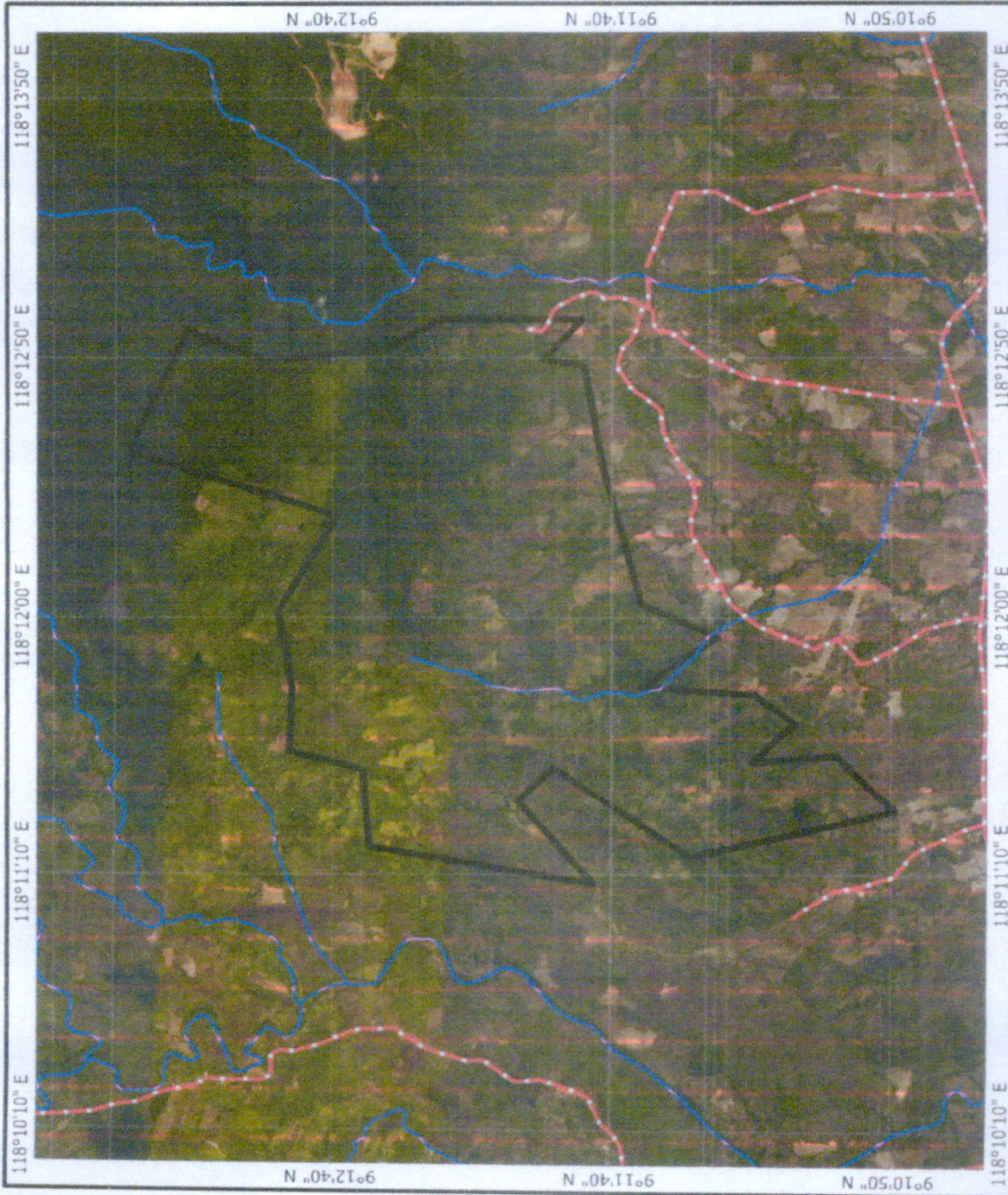
Prepared by: JOHN MICHAEL T. RODRIGUEZ  
Forest Technician II

Checked and Verified by: ERVIN S. VALERIANO  
Forester I/CBFM Desk Officer

Reviewed by: MICHELLE SEBIDO  
ECONOMICS/Change CDS

Attended by: LEONARD T. CALUYA  
GENCO





Prepared by:

*JOHN MICHAEL T. RODRIGUEZ*  
Forest Technician II

Checked and Verified by:

*ERVIN S. VALERIANO*  
Forester / CBFM Desk Officer

Reviewed by:

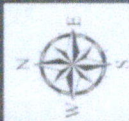
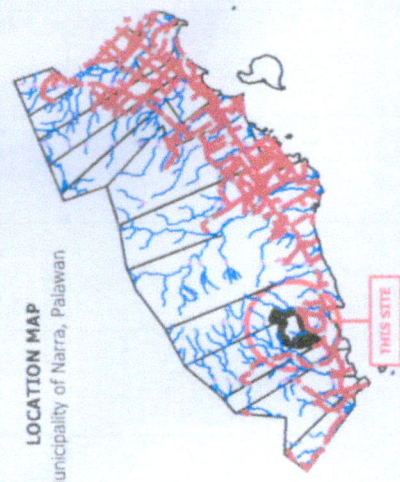
*MICHAEL S. SEBIDO*  
ECOMS / ITM-Charge, CDS

Attested by:

*LEONARDO T. CALUYA*  
CENTRO

# LOCATION MAP

Municipality of Narra, Palawan



0 1 km

SCALE : 1:40000  
DATUM : World Geodetic 1984 (WGS84) Auto  
PROJECTION : Mercator

## BASE MAP of MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

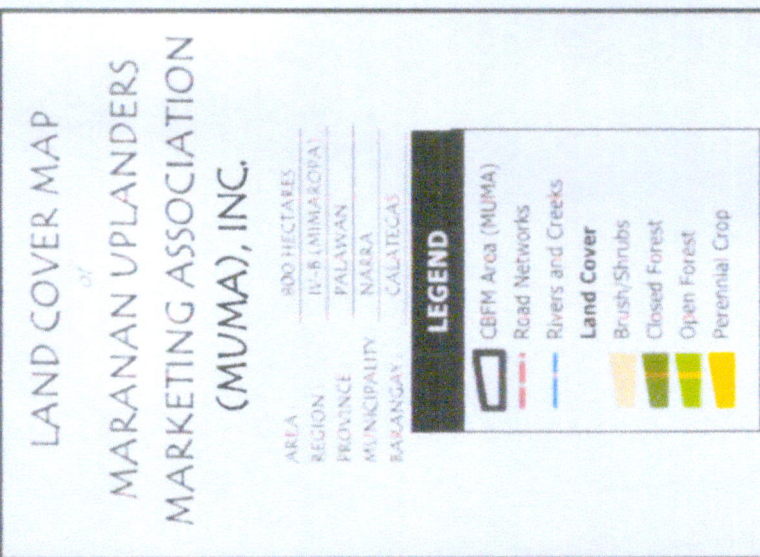
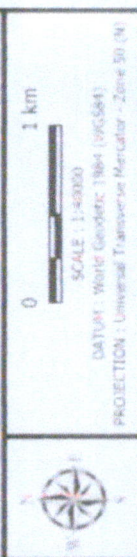
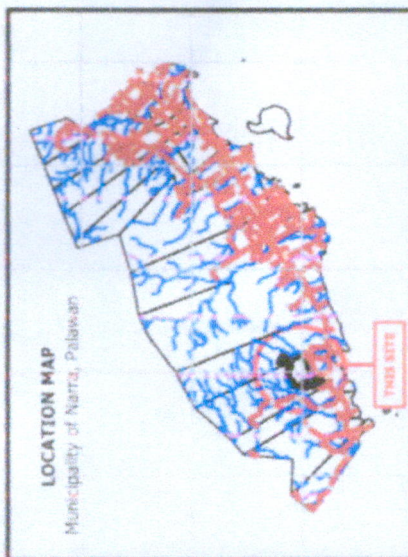
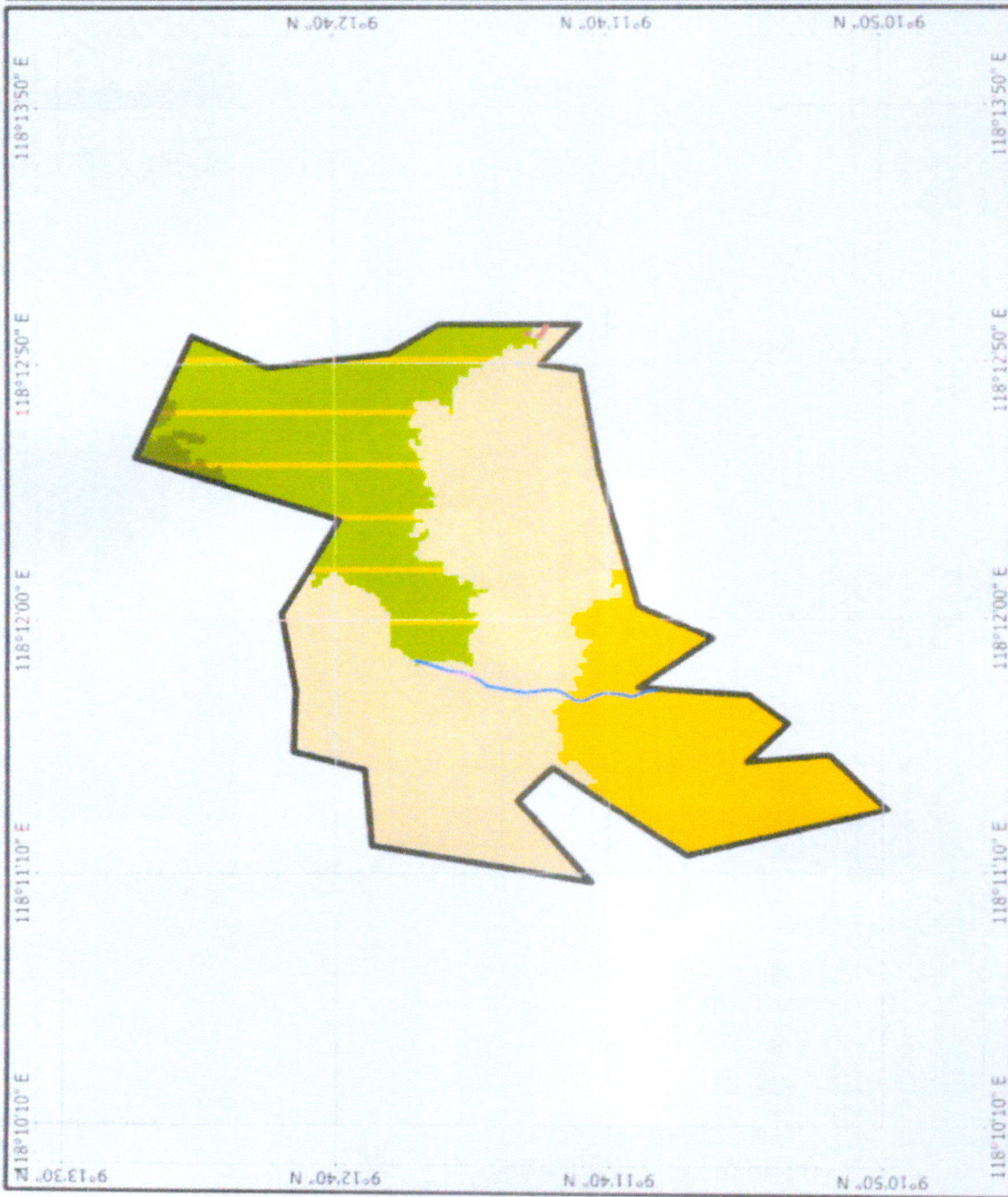
AREA : 800 HECTARES  
REGION : IV-B (MIMAROPA)  
PROVINCE : PALAWAN  
MUNICIPALITY : NARRA  
BARANGAY : CALATEGAS

### LEGEND

CBFM Area (MUMA)  
Rivers and Creeks  
Road Networks

Reference : Google Map Satellite Image





Reference: NAMRIA, 2015 Land Cover Map

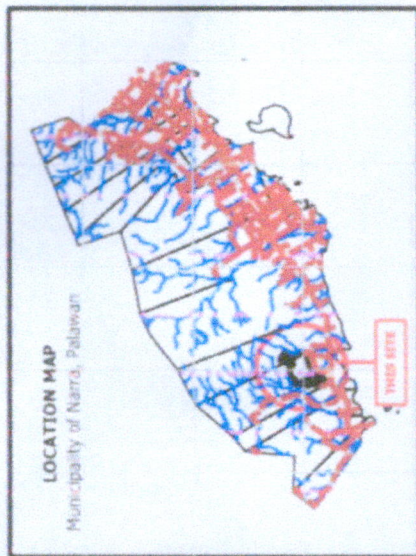
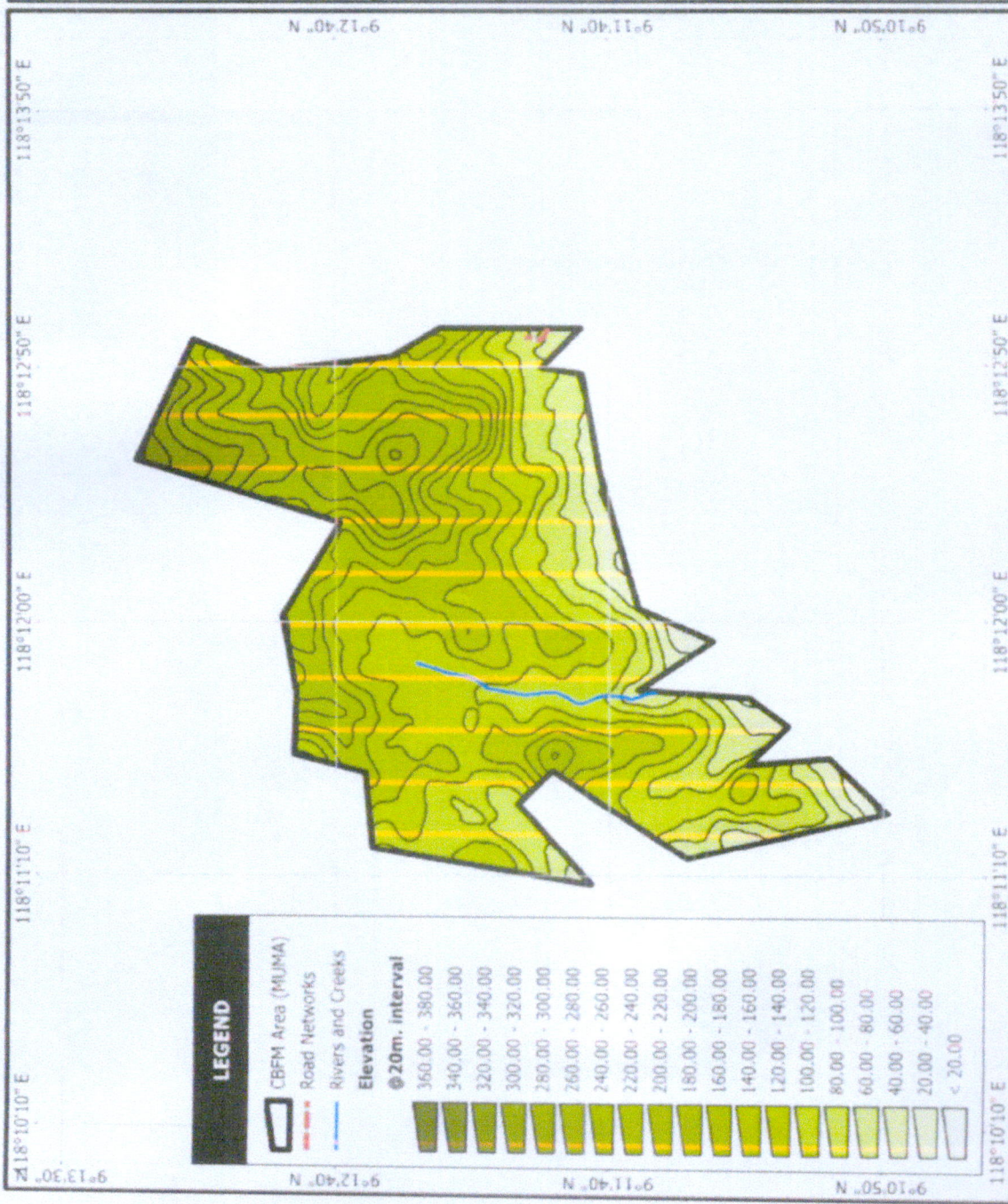
Prepared by: *John Michael T. Rodriguez*  
JOHN MICHAEL T. RODRIGUEZ  
Forest Technician II

Checked and Verified by: *Ervin S. Valeriano*  
ERVIN S. VALERIANO  
Forester (CBF M Desk Officer)

Reviewed by: *Michelle C. Serido*  
MICHELLE C. SERIDO  
ECOMS Unit Charge, CDS

Attested by: *Leonard T. Caluya*  
LEONARD T. CALUYA  
CEO





SCALE: 1:45000  
 DATUM: World Geodetic System 1984 (WGS84)  
 PROJECTION: Universal Transverse Mercator - Zone 50 (N)

# ELEVATION MAP

## MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

AREA	100 HECTARES
REGION	IV-B (MIMAROPA)
PROVINCE	PALAWAN
MUNICIPALITY	NARRA
BARANGAY	CALATIGAS

Reference: NAMRIA, Elevation Map

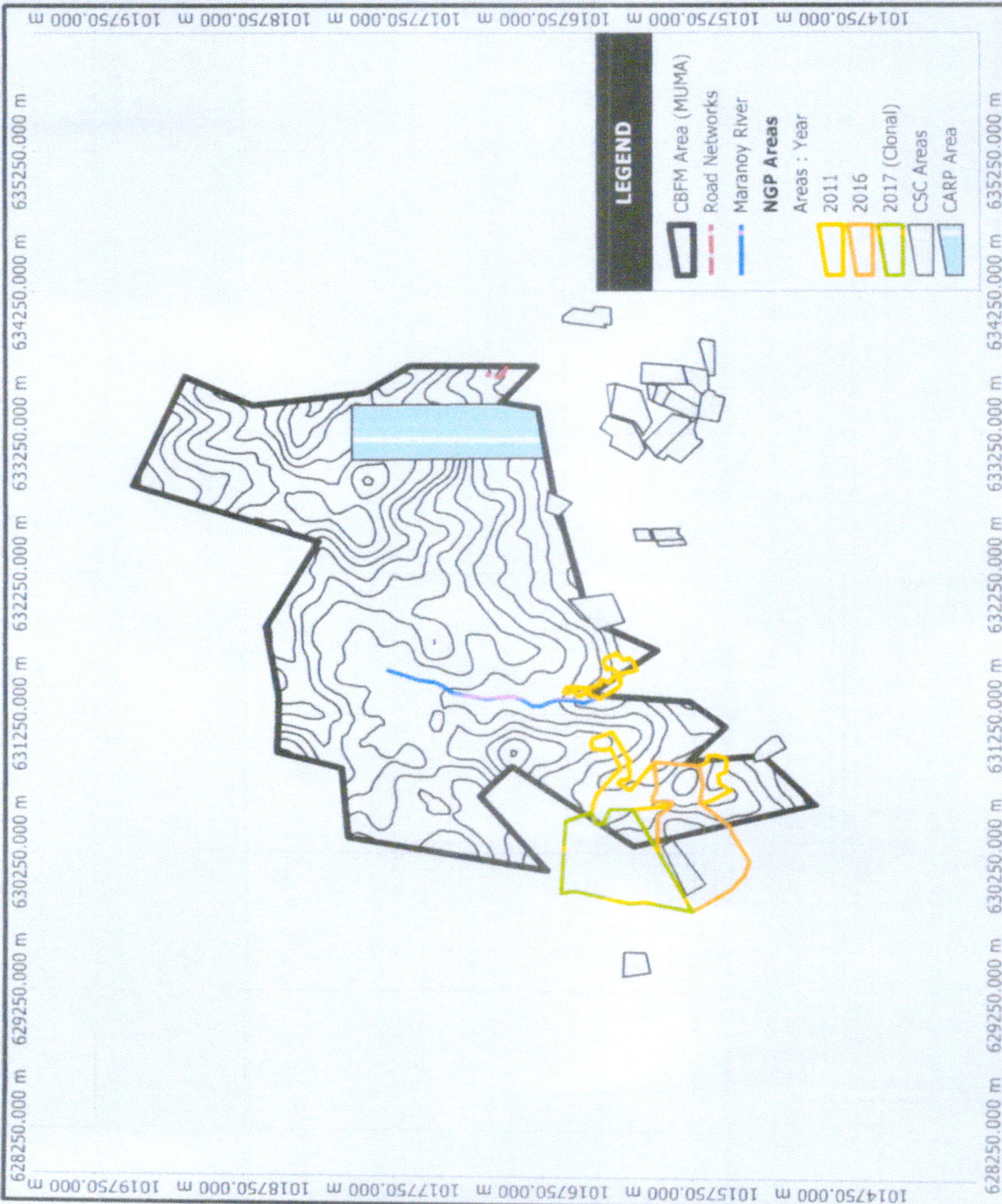
Prepared by: *John Michael T. Rodriguez*  
 Forest Technician II

Checked and Verified by: *Ervin S. Valeriano*  
 Forester VCBM Desk Officer

Reviewed by: *Michelle J. Sebido*  
 ECOM/UC-Change: CPS

Attested by: *Leonard T. Jaluya*  
 CENO





Prepared by: **JOHN MICHAEL T. RODRIGUEZ**  
Forest Technician II

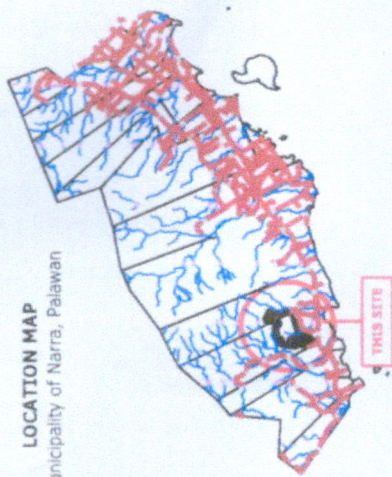
Checked and Verified by: **ERVIN S. VALERIANO**  
Forester / CBFM Desk Officer

Reviewed by: **MICHELLE P. SEBIDO**  
ECOMS II / In-Charge, CDS

Attested by: **LEONARDO J. CALUYA**  
CBFMO

**LOCATION MAP**

Municipality of Narra, Palawan



0 1 km

SCALE : 1:45000

DATUM : World Geodetic 1984 (WGS84)

PROJECTION : Universal Transverse Mercator - Zone 50 (N)

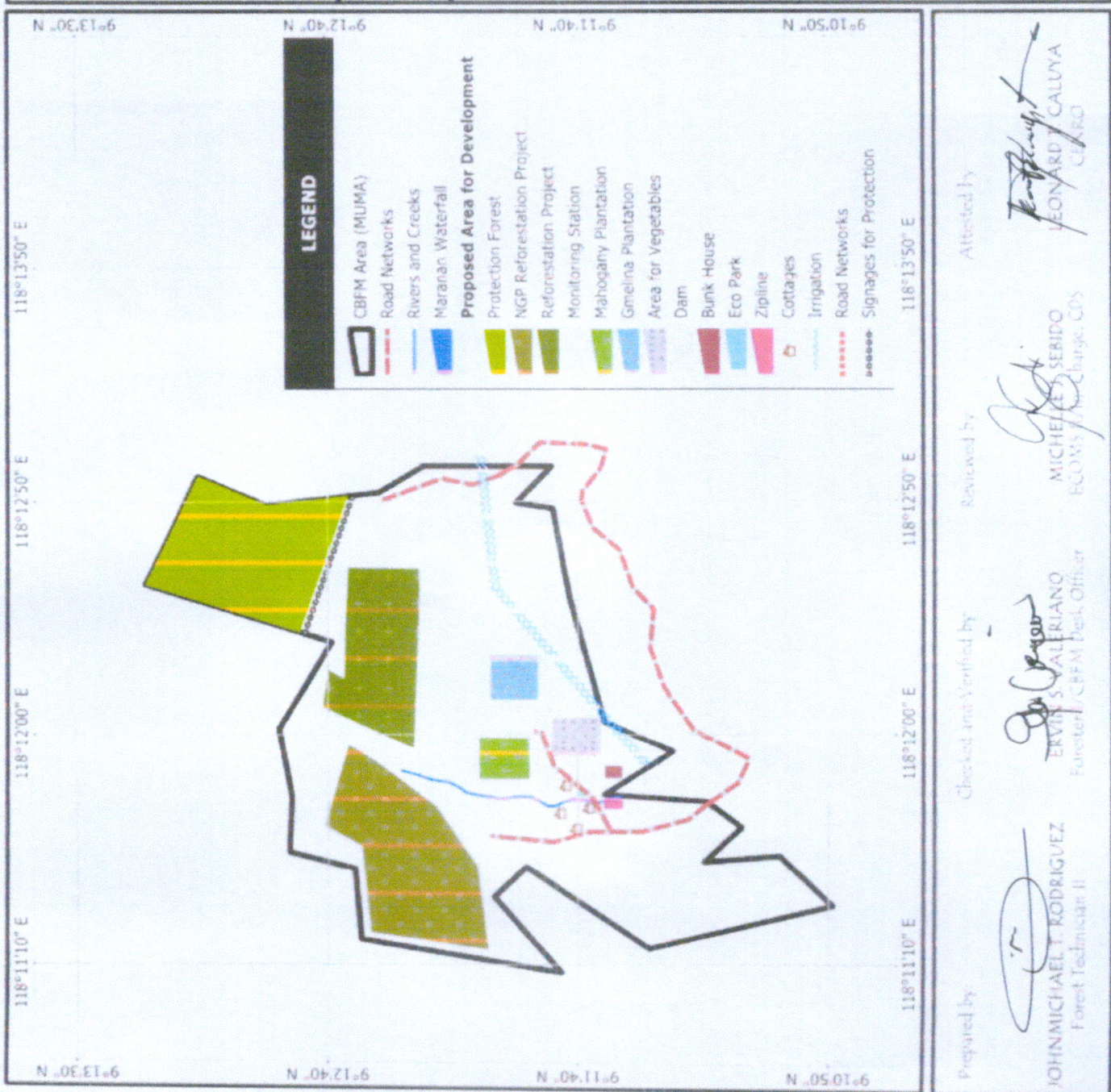
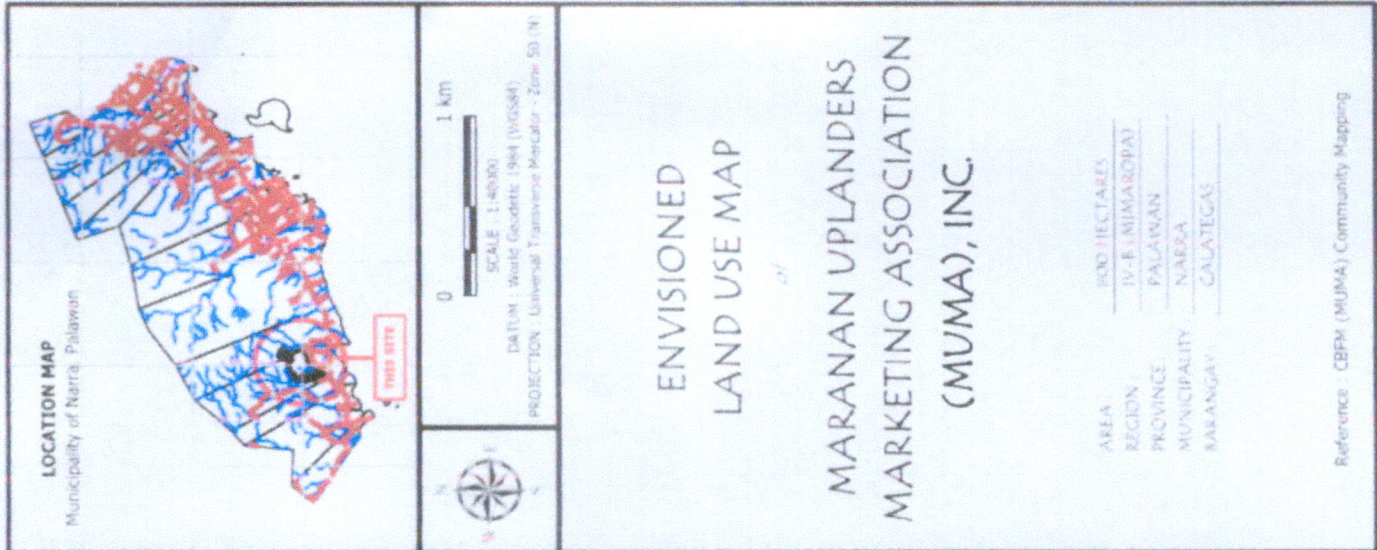
**BASE  
MAP**

**MARANAN UPLANDERS  
MARKETING ASSOCIATION  
(MUMA), INC.**

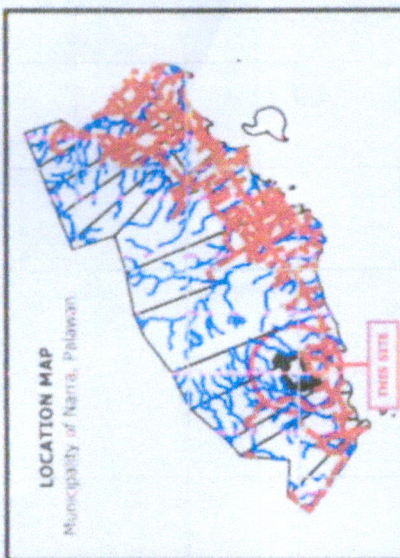
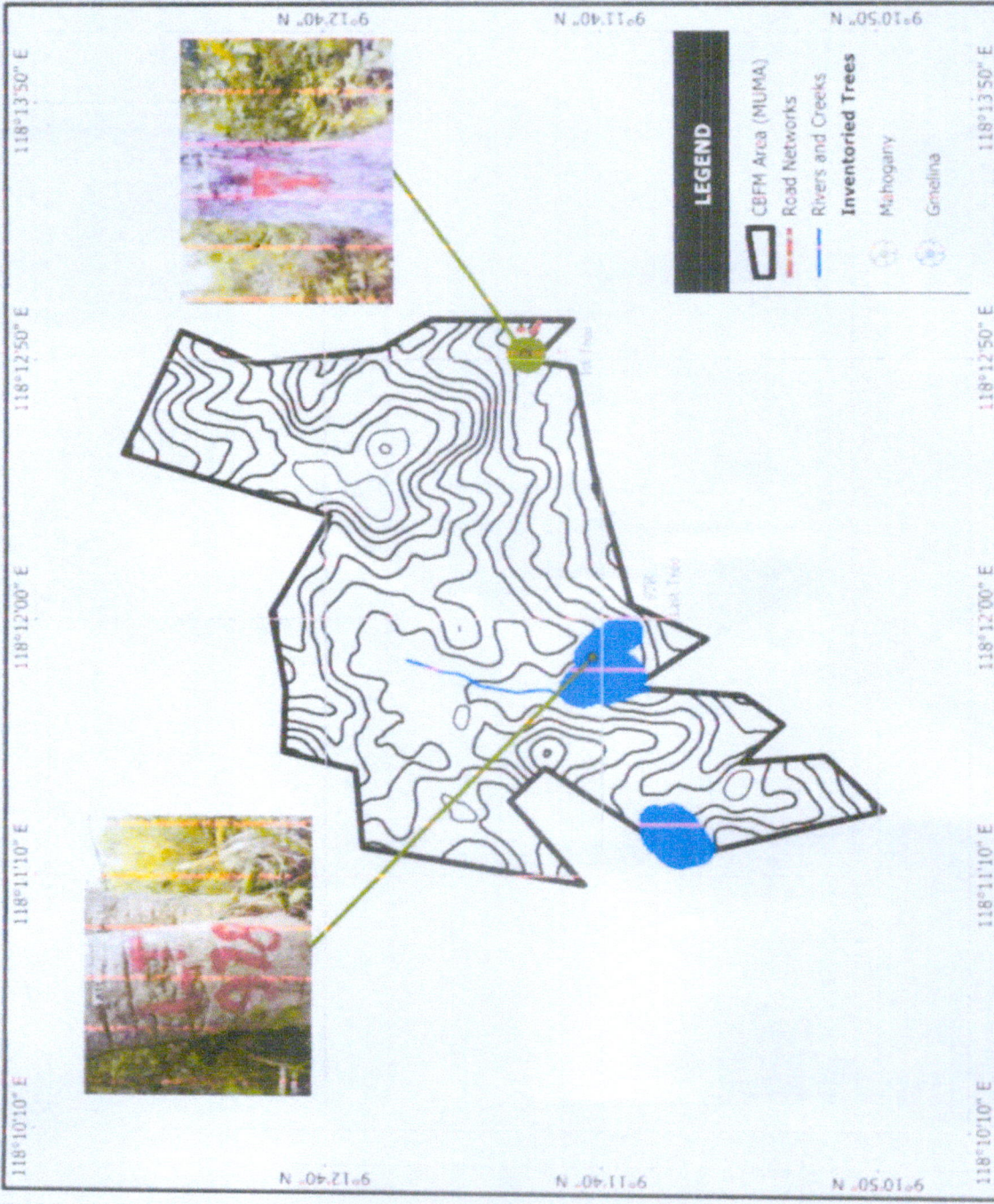
AREA : 800 HECTARES  
REGION : IV-B (MIMAROPA)  
PROVINCE : PALAWAN  
MUNICIPALITY : NARRA  
BARANGAY : CALATEGAS

Reference : MUMA Map, CSC Data, NGP & CARP









SCALE: 1:40000  
DATUM: World Geodetic System (WGS84)  
PROJECTION: Universal Transverse Mercator - Zone 50 N

# TIMBER HARVESTING MAP of MARANAN UPLANDERS MARKETING ASSOCIATION (MUMA), INC.

AREA	800 HECTARES
REGION	IV-B MIMAROPA
PROVINCE	PALAWAN
MUNICIPALITY	MARANA
SARANGAY	CALATEGAS

Reference: Elevation Map, Actual Tree Inventory

Prepared by: **JOHN MICHAEL T. RODRIGUEZ**  
Forest Technician II

Checked and Verified by: **ERVIN S. VALERIANO**  
Forester / CEFM Area Officer

Reviewed by: **MICHELLE J. SEBIDO**  
ECONOMY / In-Charge, CDS

Attested by: **LEONARD T. TALUYA**  
CENRO