



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA REGION
Provincial Environment and Natural Resources Office

May 19, 2023

MEMORANDUM

FOR : The Regional Executive Director
MIMAROPA Region

THRU : The OIC-Assistant Regional Director
for Technical Services

FROM : The OIC-PENRO

SUBJECT : **PROVISION OF AN ALTERNATIVE WATER SYSTEM IN
ORIENTAL MINDORO [PBBM-2023-336]**

This refers to the above-mentioned Presidential Directive No. PBBM-2023-336 dated April 15, 2023 directing to provide alternative water system that will allow the use of surface water in the oil spill affected areas in the province of Oriental Mindoro.

In addition to the report submitted by this Office yesterday, May 18, 2023, CENRO Roxas has identified water sources, to wit:

	Name of Water Sources	Location	Type of Source	Purpose
1	Baraas Spring	Cambunang, Bulalacao	Ground water	Domestic use
2	Tangkulang Spring	Panaytayan, Mansalay	Ground water	Domestic use
3	Tuhod Danum	Cambunang, Bulalacao	Ground water	Domestic use
4	Upper Amaga Spring	Panaytayan, Mansalay	Ground water	Domestic use
5	Cabugao Spring	Cabugao, Bulalacao	Ground water	Domestic use
6	Cantara Spring	Benli, Bulalacao	Ground water	Domestic use
7	Lipot Spring	Benli, Bulalacao	Ground water	Domestic use
8	Maraguro Spring	Panaytayan, Bulalacao	Ground water	Domestic use

Our field Offices are still coordinating with the LGUs particularly Naujan and Pola within the jurisdiction of CENRO Socorro, on any possible assistance for the needs of the community for a clean water source.

For information and records.


ALAN L. VALLE

TSD/RPS

Ilang-ilang St., Sitio II, Suqui, Calapan City, Oriental Mindoro
DENR Contact Nos. (043) 288-3017, Tel. Fax No. 288-3006



May 18, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA

THRU : The OIC, ARD for Technical Services
DENR MIMAROPA

FROM : The OIC, PENR Officer
Oriental Mindoro

SUBJECT : **PROVISION OF AN ALTERNATIVE WATER SYSTEM IN ORIENTAL MINDORO [PBBM-2023-336]**

This is in reference to the Presential Directive No. PBBM-2023-336 dated April 15, 2023 on providing alternative water system that will allow the use of surface water in the oil spill affected areas in the province of Oriental Mindoro.

The DENR has already established sixteen (16) Small Water Impounding System (SWIS) in the province of Oriental Mindoro. It impounds small stream of dependable yield through a series of reservoirs and distribute the water downstream. Listed are the established SWIS per municipality/city:

Municipality/City	No. of SWIS	Municipality/City	No. of SWIS
Puerto Galera	1	Pinamalayan	0
San Teodoro	1	Gloria	0
Baco	1	Bansud	1
Calapan	0	Bongabong	5
Naujan	3	Roxas	2
Victoria	1	Mansalay	0
Socorro	0	Bulalacao	1
Pola	0		

Although all municipalities are affected by the oil spill, however, the established SWIS are located in the upland areas in support to the establishment of NGP sites.

Our office is still looking for additional sites for SWIS establishment in the municipalities of Pola, Pinamalayan, Gloria and Mansalay and in Calapan City. We are in coordination with the concerned LGUs.



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
Provincial Environment and Natural Resources Office

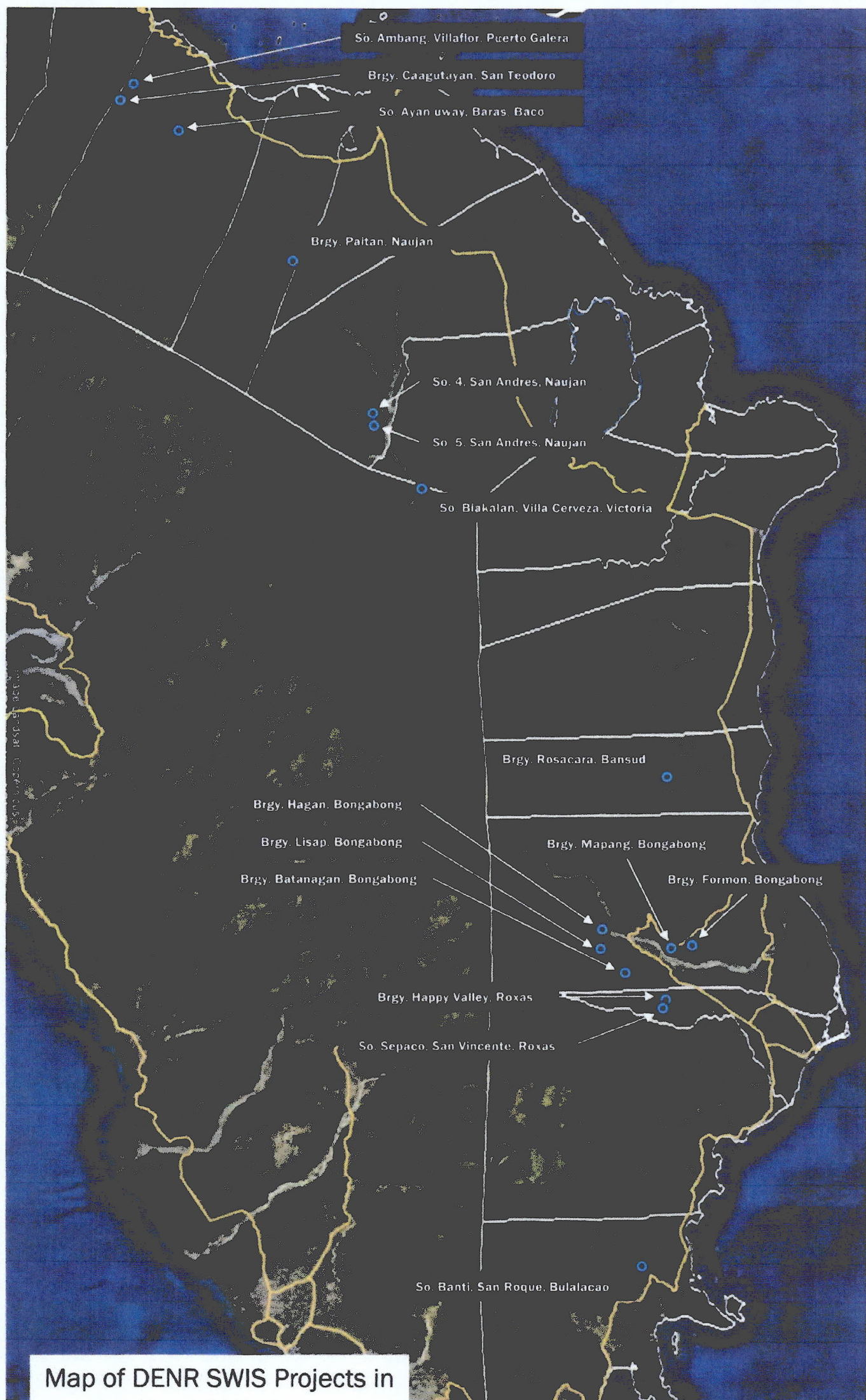
As of this time, our field offices are still coordinating with the LGUs particularly Naujan and Pola on the possible assistance of the agency in the needs of the community for a clean water source.

Attached is a map of the 16 established SWIS projects in Oriental Mindoro.

For information and record.


ALAN L. VALLE





Map of DENR SWIS Projects in



May 18, 2023

MEMORANDUM

FOR : The Regional Executive Director
THRU : The OIC, PENRO
FROM : The CENR Officer
SUBJECT : **PROVISION OF ALTERNATIVE WATER SYSTEM IN ORIENTAL MINDORO**

This has reference to the Presidential Directive No. PBBM-2023-336 dated April 15, 2023 by the Executive Secretary Lucas P. Bersamin directing the Secretary of DENR and DPWH and the Administrator of OCD to consider the provision of alternative water system that will allow the use of surface water for the residents in the shoreline barangays affected by the oil spill in Oriental Mindoro.

Relative thereto, please be informed that as of the moment CENRO Socorro is conducting the following activities:

1. Coordination with LGUs of Pola and Naujan regarding the activity;
2. Deployment of personnel to gather initial data (such as geo-tagging and description) of potential surface water sources such as rivers, streams, lakes and swamps for presentation to DPWH and OCD for evaluation and consideration once the meeting for this purpose is convened.

A detailed report and description of the identified sites will be submitted immediately after the field work.

For information and record.


RODEL M. BOYLES



CONFIDENTIAL

Office of the President
of the Philippines

Presidential Directive No. PBBM-2023-336

FROM : The Executive Secretary

TO : The Secretary
Department of Public Works and Highways (DPWH)
Department of Environment and Natural Resources (DENR)

The Administrator, Office of Civil Defense (OCD)

SUBJECT : **PROVISION OF AN ALTERNATIVE WATER SYSTEM IN
ORIENTAL MINDORO**

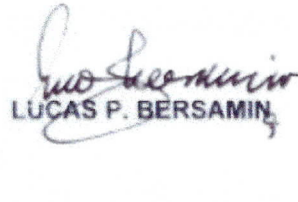
DATE : 15 April 2023

During the Situation Briefing on the Oil Spill in Oriental Mindoro on 15 April 2023, the President was informed that the main source of drinking water of local residents is the shoreline, thus the safety of drinking water is compromised during incidents at sea, such as oil spills.

To provide a sustainable and clean water source for the people of Oriental Mindoro, the President directed the DPWH, DENR, and OCD to consider providing an alternative water system that will allow the use of surface water.

Kindly submit a status report on this matter, citing the above-stated reference number, to the email address: **directives@pms.gov.ph** within five (5) days upon receipt of this directive, and regular updates every five (5) days thereafter until the same has been fully complied with.

For your appropriate action.


LUCAS P. BERSAMIN

Copy furnished:
The Special Assistant to the President
The OIC, Department of National Defense

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SUMMARY OF WATER SOURCES INVENTORY REPORT 2023

DENR Region: CENRO Roxas, Oriental Mindoro

No.	Name of Water User/Establishment/ Company/Cooperative etc.	Location of Water Source				Type of Source (SW/G W)	Name of Water Source	Purpose	WPA/Condition al/Water Permit No.	
		Address		Coordinates						
		Barangay	Municipality/ City	Province	Latitude					Longitude
1.	BARAAS SPRING	Cambunang	Bulalacao	Oriental Mindoro	12°21'07.294"	121°19'20.291"	Ground Water	Deep Well	Domestic Use	Not Registered
2.	TANGKULANG SPRING	Panaytayan	Mansalay	Oriental Mindoro	12°30'02.138"	121°22'59.494"	Ground Water	Deep Well	Domestic Use	Not Registered
3.	TUHOD DANUM	Cambunang	Bulalacao	Oriental Mindoro	12°22'20.467"	121°17'53.557"	Ground Water	Deep Well	Domestic Use	Not Registered
4.	UPPER AMAGA SPRING	Panaytayan	Mansalay	Oriental Mindoro	12°30'10.231"	121°22'46.990"	Ground Water	Deep Well	Domestic Use	Not Registered

Submitted by:


MARCINO U. TUGAS
 Forester (Chief, SCWMU)

Date: MARCH 20, 2023



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

Community Environment and Natural Resources Office

Camia St., San Mariano, Roxas, Oriental Mindoro

Contact No.: 0917 876 9985 / 0917 169 0232

VOIP: (043) 289-7118

Email: cenroxas_orientalmin@yahoo.com



Tuhod Danum Spring
Barangay Cambunang, Bulalacao, Oriental Mindoro



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

Community Environment and Natural Resources Office

Camia St., San Mariano, Roxas, Oriental Mindoro

Contact No.: 0917 876 9985 / 0917 169 0232

VOIP: (043) 289-7118

Email: cenroroxas_orientalmin@yahoo.com



Upper Amaga Spring
Barangay Panaytayan, Mansalay, Oriental Mindoro



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

Community Environment and Natural Resources Office

Camia St., San Mariano, Roxas, Oriental Mindoro

Contact No.: 0917 876 9985 / 0917 169 0232

VOIP: (043) 289-7118

Email: centoroxas_orientalmin@yahoo.com



Baraas Spring
Barangay Cambunang, Bulalacao, Oriental Mindoro



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region

Community Environment and Natural Resources Office

Camia St., San Mariano, Roxas, Oriental Mindoro

Contact No.: 0917 876 9985 / 0917 169 0232

VOIP: (043) 289-7118

Email: cenroroxas_orientalmin@yahoo.com



Tangkulang Spring
Barangay Panaytayan, Mansalay, Oriental Mindoro

322000

324000

326000

328000

TECHNICAL DESCRIPTION			
NAME	LOCATION	NORTHING	EASTING
Tangkulang Spring	Pamaytayan, Mansalay	1382446	324306



Survey and inspected by:

MARCO DELICIAS
Forestry I
Unit Chief, Soil and Watershed Conservation

IRENEO HAMILLET B. ESTIAQUINO, JR.
Forestry Technician II

ARABELLE JOY V. AMAYAO
Forestry Technician I

DALE MENCHER A. ALMAGAO
ADA VI

LOCATION MAP OF INVENTORIED WATER SOURCE

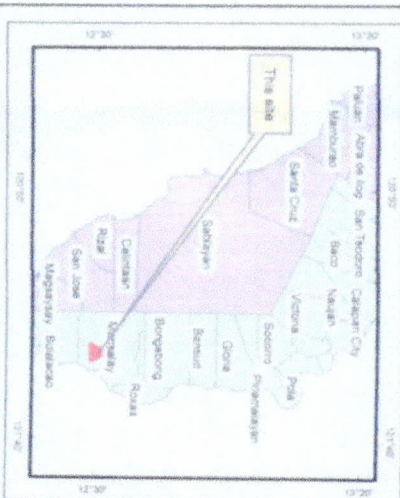
Located at: Bigy, Pamaytayan, Mansalay, Or. Mdo



SCALE 1:40,000



Legend:
Water User
Or. Mdo. Mun. Boundary
Or. Mdo. Mun. Boundary



Republic of the Philippines
Department of Environment and Natural Resources
Bureau of Forest Management and Natural Resources Office
San Mariano, Nueva Caceres, Ilocos Norte

CERTIFICATION

This is to certify that the data and content of the inventoried water source located at Bigy, Pamaytayan, Mansalay, Ilocos Norte, is correct and true. This map was prepared based on actual survey, using GPS equipment.

Prepared by:

MARCO DELICIAS

Recommending approval:

JOSE T. MONTREAL

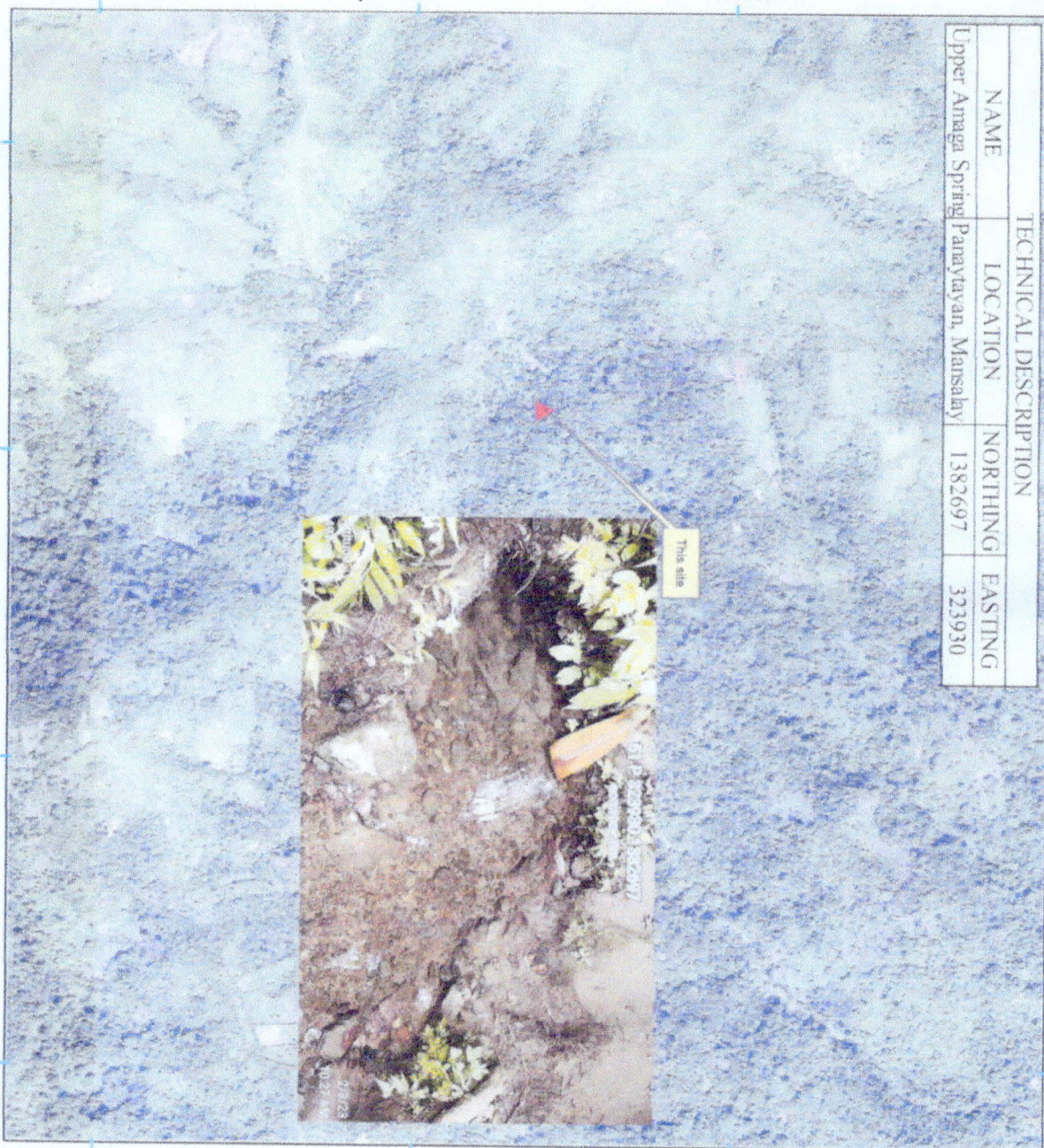
Approved by:

ENGR. CESARE QUEC

CEMR OFFICER

325000

TECHNICAL DESCRIPTION			
NAME	LOCATION	NORTHING	EASTING
Upper Amaga Spring	Parayayan, Mansalay	1382697	323930



Survey and inspected by:

MARION N. JUGAS
Firekeeper
Unit Chief, Soil and Watershed Conservation

IRENEO HAMLET JUSTAQUIO, JR.
Forest Technician II

ARABELLE J. PITAMAVOSA
Forest technician I

DALE MELCHOR A. ALAGAO

LOCATION MAP OF INVENTORIED WATER SOURCE

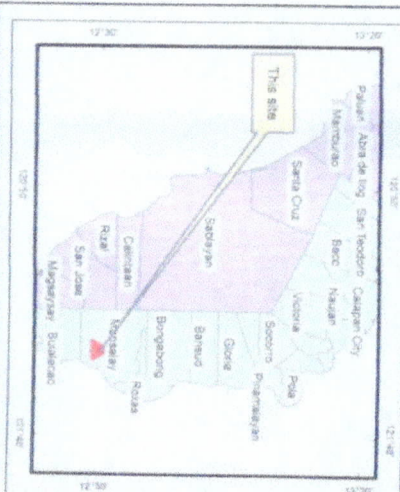
Located at: Brgy. Paraytayayan, Mansalay, Or. Mdo



SCALE 1:10,000



Synthesizer Clavinova 1550
 Projection 100 Watt 7000 Series 100 Watt
 Keyboard 88 Keys
 Keyboard Action PS/18 198



Water Light

Or: Web_Mini_Boundary

Dec: Web_Mini_Boundary

Republic of the Philippines
Department of Environment and Natural Resources
MANAROA Region
Community Development and Natural Resources Office
San Mariano, Marikina City, Marikina Division

CERTIFICATION

This is to clarify that the three new contract roles in the *Health and Safety* course included as Design Engineering Technician (Diploma) are: Design Engineer, Design Engineer Assistant and Design Engineer Technician. These roles were previously covered by various entry level jobs such as draughtsperson.

Prepared by: MAHOMED ELBOGAS

Recommending approval

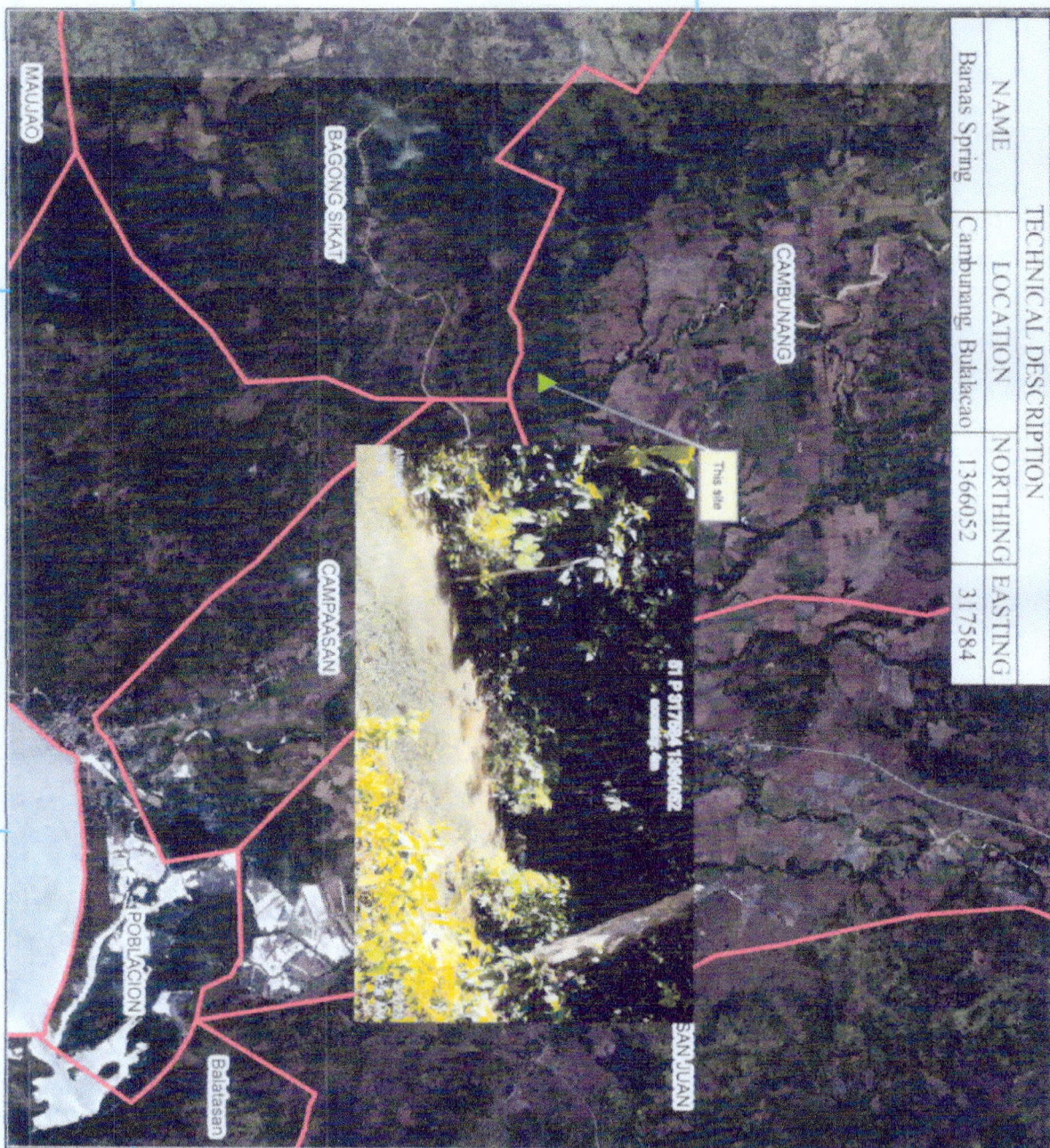
JOSE T. MONTECALVO
SERENICHAI, CDS

Borrowed by

ENGR. CAESAR E. QUEBEC
CENT. OFFICER

20500

TECHNICAL DESCRIPTION		
NAME	LOCATION	NORTHING EASTING
Baraas Spring	Cambuang, Bulabao	1366052 317584



Survey and inspected by

MARION L. JOGAS
President
Unit Chief, Soil and Water Conservation

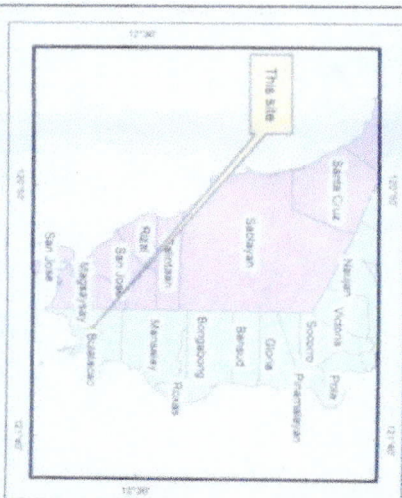
IRENEO MAMLET, EUSTAQUID, JR.
Forest Technician III

ARABELLE JOY W. JAMA'DSA
Forest Technician I

DALE MELCHOR ALAGAO

LOCATION MAP OF INVENTORIED WATER SOURCE

Located at: Brgy. Carburnang, Bulacao, Or. Mdo



Dr. Mads Munk-Bondary

SCALE 1:40,000



CERTIFICATION


 Republic of the Philippines
 Department of Environment and Natural Resources
 MABALACOG Region
 Community Environment and Natural Resources Office
 San Mateo, Misamis Oriental, Cebu

[illegible]

WARRINGTON COAST

Recommending approval

Approved by

ENGR. CAESAR E. QUEBEC

SUMMARY OF WATER USER INVENTORY REPORT 2022

DENR Region: CENRO Roxas, Oriental Mindoro

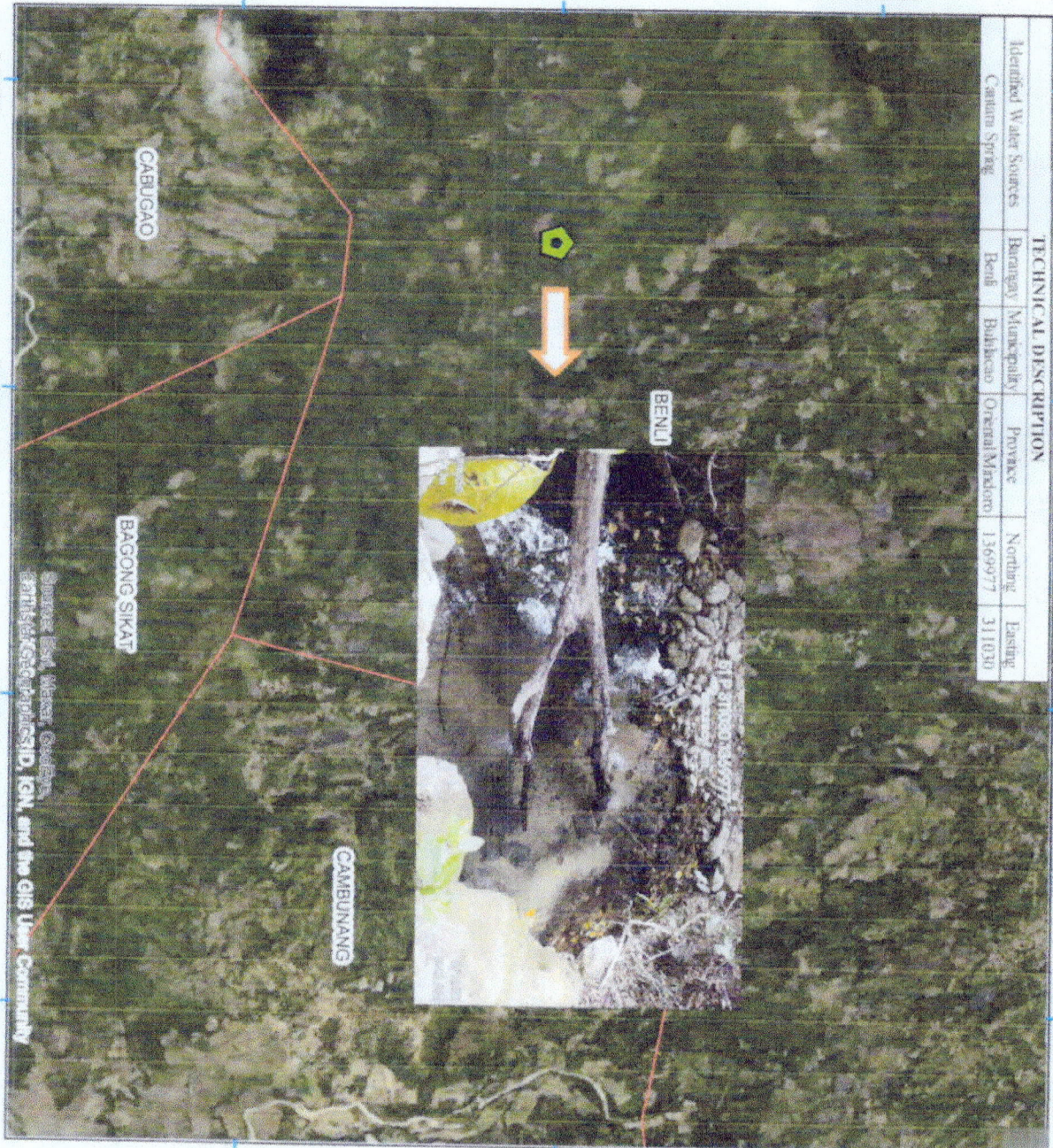
No.	Name of Water User/Establishment/ Company/Cooperative etc.	Location of Water Source					Type of Source (SW/GW)	Name of Water Source	Purpose	WPA/Conditional/Water Permit No.
		Address			Coordinates					
		Barangay	Municipality/ City	Province	Latitude	Longitude				
1.	CABUGAO SPRING	Cabugao	Bulalacao	Oriental Mindoro	12°19'26.32"	121°16'14.49"	Ground Water	Deep Well	Domestic Use	Not Registered
2.	CANTARA SPRING	Benli	Bulalacao	Oriental Mindoro	12°23'13.65"	121°15'45.51"	Ground Water	Deep Well	Domestic Use	Not Registered
3.	LIPOT SPRING	Benli	Bulalacao	Oriental Mindoro	12°23'38.37"	121°16'41.37"	Ground Water	Deep Well	Domestic Use	Not Registered
4.	MARAGURO SPRING	Panaytayan	Mansalay	Oriental Mindoro	12°29'06.66"	121°22'45.26"	Ground Water	Deep Well	Domestic Use	Not Registered

Submitted by:


MARCIO D. PUGAS
 Forester (Chief, BCWMU)

Date: March 16, 2022

TECHNICAL DESCRIPTION				
Identified Water Sources	Barangay	Municipality	Province	Notting
Cantara Spring	Benli	Bulacao	Oriental Mindoro	136977 311030



Survey and inspected by:

MARION O. GAGAS
Forester I
In-Charge, Soil Conservation and Watershed Management

IRENEO MAMLET J. EUSTACQUIO
Forest Technician I

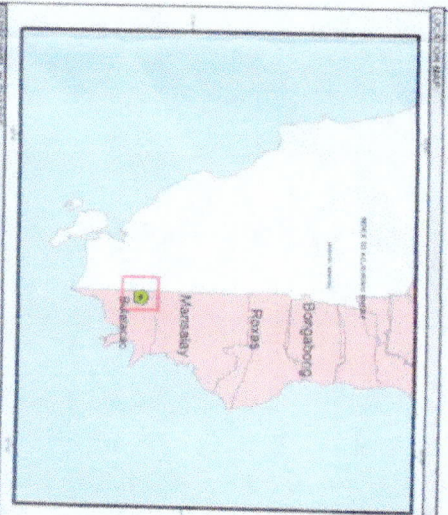
LINDIN U. LITAY
Forest Ranger

SCALE 1:40,000

North Arrow

Legend:
 CANTARA SPRING
 Barangay Boundary

MAP OF IDENTIFIED WATER SOURCES
BY:
CANTARA SPRING
Located at: Brgy. Benli, Bulacao, Oriental Mindoro



Department of Environment and Natural Resources
Division Office - Marikina
Marikina City, Marikina, Oriental Mindoro

CERTIFICATION

This is to certify that this is the true and correct copy of the map as submitted by the project proponent and approved by the Division Office, Marikina, Oriental Mindoro.

Prepared by: MARION O. GAGAS
Forester I

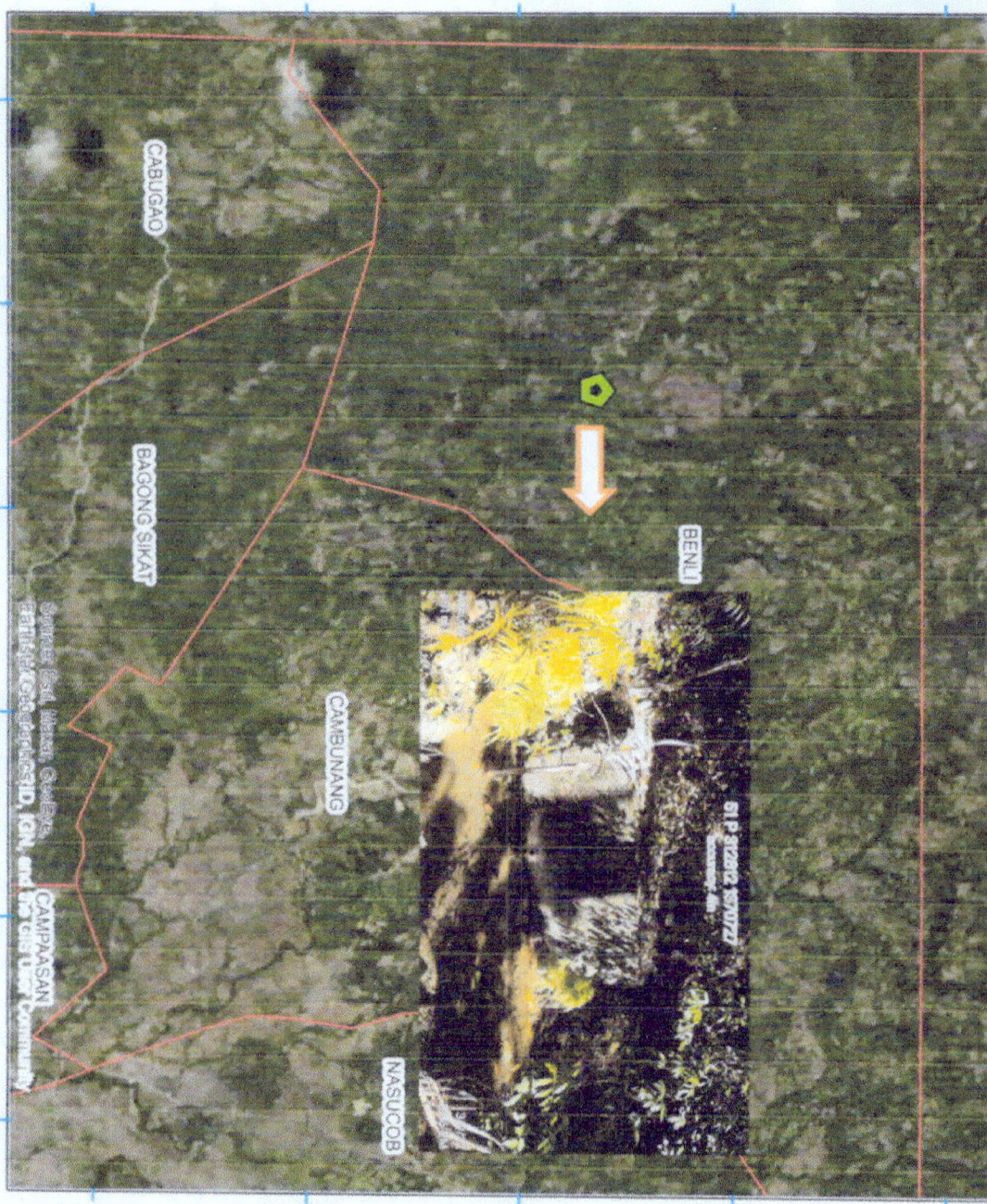
JOSE T. MONTECALVO
Senior Civil Engineer

Approved by: ENGR. CAESAR E. QUEBEC
Civil Engineer

310000 312000 314000 316000 318000 320000

TECHNICAL DESCRIPTION				
Identified Water Sources	Batangay	Municipality	Province	Northings
Lipot Spring	Benli	Bulakeao	Oriental Mindoro	3170727
				312812

BENLI vs PANAYTAVAN CONTESTED AREA



Survey and inspected by:

MARVIN D. GARCIA
Forester I

IRENEO RAMILEY EUSTACIO
Forest Technician I

LINGIN U. LITAY
Forest Ranger



SCALE 1:62,500

Map Scale
Horizontal Datum: Universal Transverse Mercator
Projection: UTM
Datum: 1982

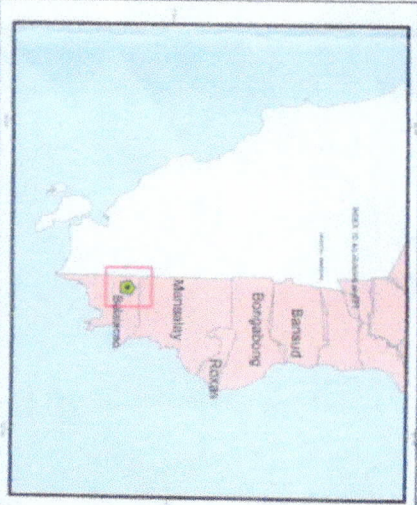
MAP OF IDENTIFIED WATER SOURCES

BY:

LIPOT SPRING

Located at: Brgy. Benli, Bulakeao, Oriental Mindoro

- LIPOT SPRING
- Barangay Boundary



Republic of the Philippines
Department of Environment and Natural Resources
Bureau of Forest Management and Training
Division Office - Marikina
Marikina, Marikina, Oriental Mindoro

CERTIFICATION

This is to certify that the map and other data herein are true and correct as shown by the survey and inspection conducted by the undersigned.

Prepared by:

MARVIN D. GARCIA
Forester I

Recommended approval:

JOSETE D. MONTALVO
BSP Chief, DCS

ENGR. CARLA E. NEREE
Chief Officer

321600 324300 327000 329700 332400 335100

TECHNICAL DESCRIPTION

Identified Water Sources	Barangay	Municipality	Province	Northing	Eastng
Maraguaro Spring	Panaylayan	Mansalay	Oriental Mindoro	1380744	323866



Source: Esri, DeLorme, GeoEye,
 TerraStar, CNES, Airbus, IGN, and the GIS User Community

Survey and inspected by:

MARCUS PUGAS
Forest Officer

IRENEO MANLEY J. EUSTACIO
Spinal Technician I

ANGELITA LITAW
Forest Ranger

MAP OF IDENTIFIED WATER SOURCES

BY:

MARAGURO SPRING

Located at: Brgy Panaylayan, Mansalay, Oriental Mindoro

SCALE 1:2,000,000

North Arrow

Legend:
 ● MARAGURO SPRING
 □ Barangay Boundary

Inset Map: Map of Oriental Mindoro showing the location of the study area within the province. The study area is highlighted in red.

CERTIFICATION

I hereby certify that this is a true and correct copy of the original map as submitted by the applicant for the purpose of the application for the issuance of a water right.

Prepared by: **MARCUS PUGAS**
Forest Officer

Recommended approval: **JOSE T. MONTESANO**
Regional Office, Oriental Mindoro

Approved by: **ENGR. JUAN E. QUEBEC**
Chief Officer