



November 29, 2022

MEMORANDUM

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

THRU : **The OIC, Assistant Regional Director
for Technical Services**

FROM : **The OIC, PENR Officer**

SUBJECT : **ACCOMPLISHMENT REPORT ON THE RESULT OF THE
CAVE INVENTORY FOR CY 2022 CONDUCTED IN THE
PROVINCE OF MARINDUQUE**



Respectfully submitting the report on the result of the conducted cave inventory in the Province of Marinduque in CY 2022, undertaken by the staff of Conservation and Development Section of the Technical Services Division of PENRO Marinduque.

Please be informed that the cave inventory resulted to a total of 14 caves that are confirmed upon ground validation. Other caves that were reported to this Office were either caverns or man-made only, used for industrial purposes. The listed caves will be in addition to the initial list of cave inventories submitted in CY 2020. Attached in this memo are the detailed report of the team, the geo-tagged photos of the cave entrances and the List of Caves Inventoried.

For your information, record and further instruction.


IMELDA M. DIAZ



November 29, 2022

MEMORANDUM

FOR : The OIC, PENR Officer

THRU : The Chief, Technical Services Division
The Chief, Conservation and Development Section

FROM : The Biodiversity Conservation Unit

SUBJECT : ACCOMPLISHMENT REPORT ON THE RESULT OF THE
CAVE INVENTORY FOR CY 2022 CONDUCTED IN THE
PROVINCE OF MARINDUQUE

In relation to the target activities under the Management of Caves and Cave Resources undertaken by the Conservation and Development Section (CDS) of PENRO Marinduque, here is the report of the result of cave inventory in the Province of Marinduque.

The Department of Environment and Natural Resources (DENR), together with the Provincial Cave Assessment Team (PCAT) and Local Government Units (LGUs) of Marinduque conducted cave inventory to list the total number of caves in the province and which are outside the Protected Area (PA).

Please be informed that the activity was delayed for conduct, due to the unexpected occurrence of the earthquake last July 27, 2022. In the observance of safety of the personnel and other individuals involved, it was decided them to put on hold the caving activities. The proponent was until October 2022, after the PCAT held a meeting with the presence of the PENR Officer, and attendees of the meeting agreed to continue with the caving activities but with strict observance of cave safety protocols.

The undersigned conducted initial inventory of caves in the year 2020 and submitted a list with a total number of 100 caves inventoried. However, there are still caves that were not included in the list. Thus, it was proposed that a continuation of the cave inventory be done in the year 2022.

To speed up the conduct of inventory, the undersigned arrange to contact each barangay which were believed to have existing caves. These barangays includes Bantay, Sabong and Tambunan in the Municipality of Boac; Dawis and Bachao Ilaya in the Municipality of Gasan; Bolo in the Municipality of Torrijos, and barangays Tungib-Lipata and Yook in the Municipality of Buenavista. Upon speaking with LGU Balanacan, one (1) cave was also listed for validation. Ground validation of the reported caves was conducted after the postponement.

During the conduct of cave inventory, a total of fourteen (14) caves were recorded and confirmed upon validation. In the Municipality of Boac, eight (8) cave are recorded, while an additional one (1) cave in the Municipality of Mogpog was validated. In the Municipality of Gasan, there are four (4) caves that were geotagged by the undersigned, one (1) cave in the Municipality of Buenavista, cave in the Municipality of Torrijos. On the other hand, LGU Bolo reported that

there is a cave in their area. However, upon validation, it was discovered that the “cave” was a man-made tunnel. Upon further investigation with the locals, it was excavated 50 years ago for mining purposes. Hence, in consideration to the definition of terminologies in Republic Act 9072, as stated below:

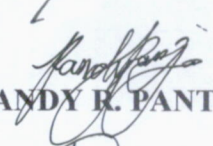
*“cave “means any naturally occurring void, cavity, recess or system of interconnected passages beneath the surface of the earth of within a cliff or ledge and which is large enough to permit an individual to enter, whether or not the entrance, located either on private or public land, is naturally formed or man-made. It shall include any natural pit, sinkhole, or other feature which is an extension of the entrance. The term also includes cave resources therein but not any **vug, mine tunnel, aqueduct** or other **man-made excavation**).*

As a result, the said cave was excluded from the list of the cave inventory. For further reference, please see attached geo-tagged photos and list of the inventoried caves in excel file.

For your information, record and further instruction.



CORAZON R. PELAEZ



RANDY R. PANTOJA



ROBERT JOHNSON N. LARGA



Balanacan Cave Brgy. Balanacan, Mogpog, Marinduque



Talao Cave 1 Brgy. Tigiunon, Gasan, Marinduque



Talao Cave 2 Brgy. Tigiunon, Gasan, Marinduque



Talao Cave 3 Brgy. Tigiunon, Gasan, Marinduque



Dawis Cave Brgy. Dawis, Gasan, Marinduque



Banot/Bachao Ilaya Cave Brgy. Banot/Bachao ilaya,
Gasan, Marinduque

Geo-tagged photos of Cave inventoried in the Municipality of Gasan, Marinduque.



Tambunan Cave 1 Brgy. Tambunan, Boac, Marinduque



Bantay Cave Brgy. Bantay, Boac, Marinduque



Tambunan Cave Brgy. Tambunan, Boac, Marinduque



Sabong Cave 1 Brgy. Sabong, Boac, Marinduque



Sabong Cave 2 Brgy. Sabong, Boac, Marinduque



Sabong Cave 3 Brgy. Sabong, Boac, Marinduque

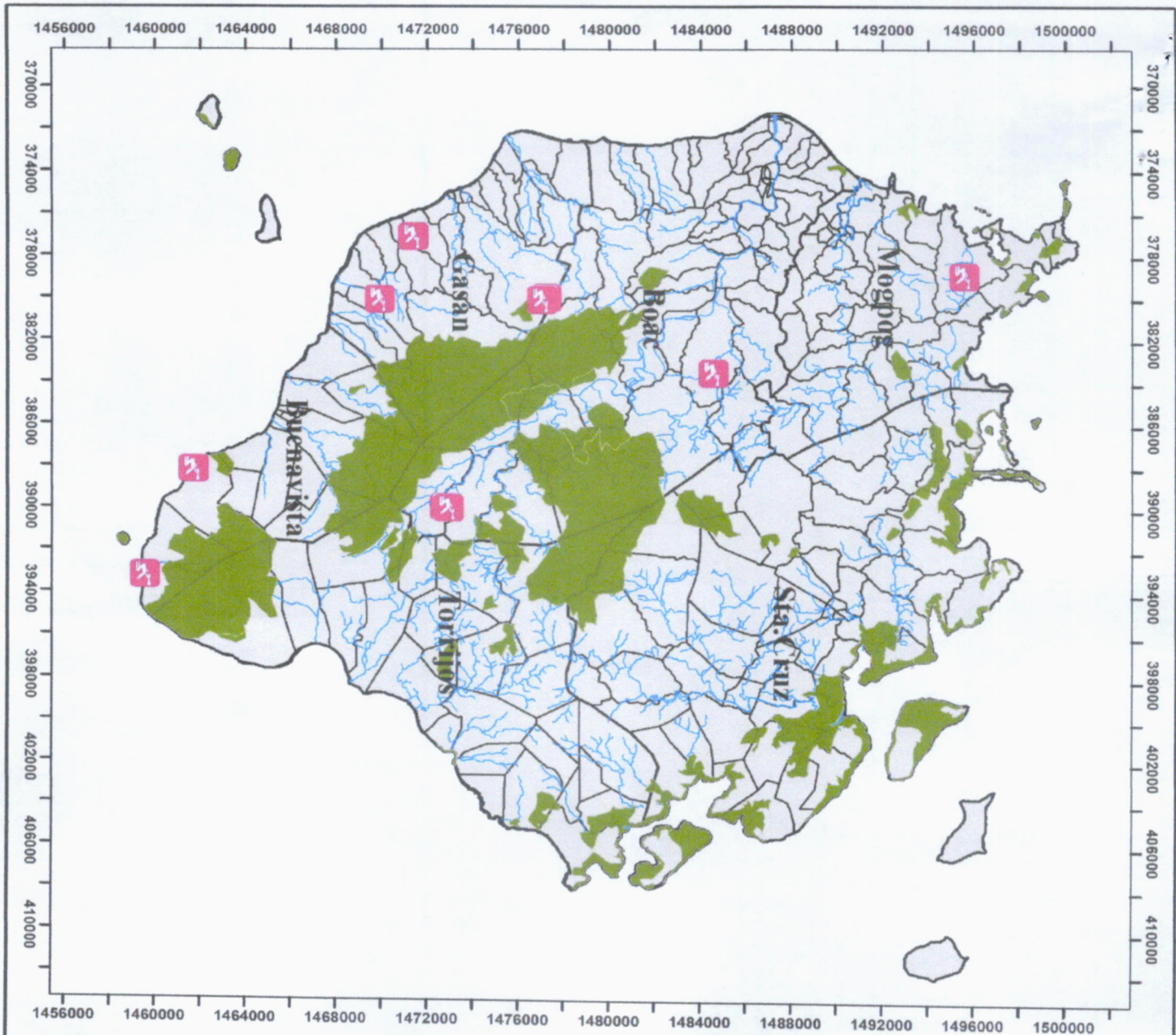
Geo-tagged photos of Cave inventoried in the Municipality of Boac, Marinduque.



Bolo TunnelCave Brgy. Bolo, Torrijos, Marinduque

Geo-tagged photo of Cave inventory in the Municipality of Torrijos

Name of Identified Cave	Location		CATEGORY	Remarks
	Municipality	Barangay		
1 Balanacan cave	Mogpog	Balanacan	C2 - Limited Access	20m vertical drop, possibly the river water pass through at the bottom of the cave
2 Tambunan cave 1	Boac	Tambunan	C2 - Limited Access	Small entrance, surrounded with massive rocks
3 Tambunan cave 2	Boac	Tambunan	C2 - Limited Access	vertical drop, small entry, many vines on the opening
4 Sabong cave 1	Boac	Sabong	C2 - Limited Access	
5 Sabong cave 2	Boac	Sabong	C2 - Limited Access	
6 Sabong cave 3	Boac	Sabong	C2 - Limited Access	
7 Bantay cave	Boac	Bantay	C2 - Limited Access	
8 Yook sea cave	Buнавista	Yook	C2 - Limited Access	sea cave
9 Bachao llaya cave	Gasan	Banot	C2 - Limited Access	location of cave is in the boundary of Banot and Bachao llaya
10 Dawis Cave	Gasan	Dawis	C1 - Closed	Bat cave
11 Talao cave 1	Gasan	Tiguion	C3 - Economic purposes	Small opening, with graffiti and surrounded with large trees
12 Talao cave 2	Gasan	Tiguion	C3 - Economic purposes	wide open with many dead stalactites and collapse on the opening
13 Talao cave 3	Gasan	Tiguion	C3 - Economic purposes	wide open with many large trees on the side.



MAP SHOWING THE CAVE INVENTORIED WITHIN THE PROVINCE OF MARINDUQUE FOR CY 2022








SCALE = 1:250,000

0 8,000 16,000 32,000 48,000 64,000
Meters

Projection.....WGS_1984_UTM_Zone 51N
Horizontal Datum.....GCS_WGS_1984

Legend

-  Cave Inventoried
-  Rivers and Creeks
-  Barangay Boundary
-  Municipal Boundary
-  A & D
-  Timberland

Plotted and Projected by:

Randy R. Ruyos
RANDY RUYOS
Forest Technician I

Reviewed by:

Cynthia J. Ezano
CYNTIA J. EZANO
Chief, Technical Services Division

Attested by:

Imelda M. Diaz
IMELDA M. DIAZ
OIC, PENRO Marinduque



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