



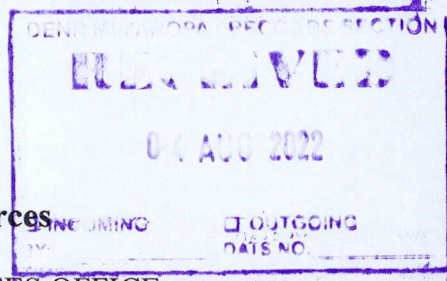
Republic of the Philippines  
**Department of Environment and Natural Resources**  
MIMAROPA Region

PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

Bgy. Sta. Monica, Puerto Princesa City, Palawan

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July 25, 2022

**MEMORANDUM**

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

: The Regional Director  
MGB –MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

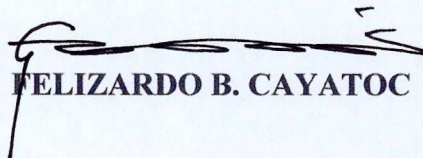
**FROM** : Provincial Environment and  
Natural Resources Officer

**SUBJECT** : **ONSITE VISIT ON THE PROPOSED CONCRETING OF THE  
BARANGAY ROAD LOCATED AT BARANGAY DEBANGAN,  
TAYTAY, PALAWAN**

Forwarded is the Memorandum dated 18 July 2022 of CENRO Taytay transmitting the memorandum dated 15 July 2022 from Francis Jade R. Cometa, Science Research Specialist II, MGB embedded personnel regarding the above subject.

It is informed that the proposed concrete road have potential landslide and flooding hazards. Further, the subject area is made up of loose, unconsolidated sediments that are susceptible to erosion.

For your information and record.

  
**FELIZARDO B. CAYATOC**

RGT/EMU Doc. No. 2022-6625

DENR-PALAWAN  
PENRO-RECORDS  
**RELEASED**  
By \_\_\_\_\_  
Date: 26 JUL 2022 22-1838





Republic of the Philippines  
Department of Environment and Natural Resources  
**Region IV- MIMAROPA**  
**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**  
5312 Taytay, Palawan

July 18, 2022

**MEMORANDUM**

**FOR :** The Provincial Environment and  
Natural Resources Officer  
Sta Monica, Puerto Princesa City

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

**SUBJECT :** **ONSITE VISIT ON THE PROPOSED CONCRETING OF  
THE BARANGAY ROAD LOCATED AT BARANGAY  
DEBANGAN, TAYTAY, PALAWAN**

DENR PENRO  
PALAWAN RECORDS  
RECEIVED

BY: *[Signature]*  
DATE: 07-21-2022 12:06:25

Respectfully forwarded is the memorandum dated July 15, 2022 of Mr. Francis Jade R. Cometa, Science Research Specialist II regarding the onsite visit on the proposed concreting of the barangay road located at Barangay Debangon, Taytay, Palawan.

The inspection shows that some areas of the proposed concrete road has potential landslide and flooding hazards as observed by the hazards signages placed along the road. Additionally, the area where the road will be built is made up of loose, unconsolidated sediments that are susceptible to erosion. The risk posed by the seas during monsoon and typhoon seasons, which may compromise the integrity of the concrete road, is increased by its proximity to the coast.

In view hereof, respectfully advised that this office already sent a letter dated July 18, 2022 to the Taytay LGU regarding the results and recommendations of the said inspection.

For information and further instruction.

DENR CENRO  
TAYTAY, PALAWAN  
RELEASED

BY: *[Signature]*  
DATE: JUL 19 2022 2008

Cc:

The Regional Executive Director  
DENR - MIMAROPA

The Regional Director  
Mines and Geosciences Bureau  
MIMAROPA Region  
7/F DENR Bldg., 1515 Roxas Blvd. Ermita, Manila

*[Signature]*  
ALAN L. VALLE





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**MEMORANDUM**

**FOR :** The CENR Officer  
Taytay, Palawan

**FROM :** THE UNDERSIGNED

**SUBJECT :** ONSITE VISIT ON THE PROPOSED CONCRETING OF THE  
BARANGAY ROAD LOCATED AT BARANGAY DEBANGAN,  
TAYTAY, PALAWAN

**DATE :** JULY 14, 2022

DENR CENRO  
TAYTAY, PALAWAN  
**RECEIVED**  
BY: \_\_\_\_\_  
DATE: 7-14-22 CN 363

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Pursuant to Travel Order No. 07-2022-0879, the undersigned conducted an onsite visit on the proposed concreting of barangay road located at Bgy. Debangon, Taytay, Palawan.

**Background Information**

On June 07, 2022, per the request of the Taytay Municipal Planning and Development Council (MPDC), the undersigned conducted an onsite visit in the island barangay of Debangon regarding their barangay road concreting proposal.

**Purpose and Scope**

The purpose of the activity is to inspect the road for the proposed concreting. The activity also includes an ocular inspection of the possible source of aggregates for the said project.

**Findings and Observation**

1. The area is located at Bgy. Debangon, Taytay, Palawan. It is approximately 31 kilometers aerial distance northeast of Taytay town proper and accessible by a 2-hour boat ride from Taytay wharf. Based on the Global Positioning System (GPS) reading acquired by Timestamp Camera, the location can be defined by the following coordinates: 11°00'57.4" north latitude and 119°43'47.8" east longitude.
2. On June 07, 2022, the undersigned together with the representatives from Taytay MPDC and Municipal Engineering Office went to Bgy. Debangon. Upon arrival, the team immediately proceeded to the barangay hall for a courtesy call with the barangay officials. **(Photo 1)**
3. According to Bgy. Captain Rolando N. Hermoso, a 740-meter barangay road was proposed for concreting. It is from an existing barangay road that traverses the



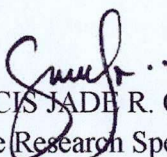
southwestern part of the island where the majority of the island's population is located. (Annex 1)

4. The area where the road will be built is situated in a generally flat ground near the foot of a hill and near the shore. The concrete road will be built under unconsolidated materials mostly composed of alluvial sediments. (Photo 2)
5. Areas near the side of the mountain are most likely at risk of landslide. This is evident by the landslide hazard sign seen along the road. (Photo 3)
6. A dry creek was also observed during inspection. According to the barangay captain, the said creek only runs during the rainy seasons and sometimes overflows when rainfalls are heavy. A flood hazard sign can also be seen near the creek. (Photo 4)
7. After inspecting the road, the undersigned then proceeded to the area where the barangay intend to source their aggregates to be used in the construction of the barangay road.
8. The source area is located at the northern part of the island. It is a narrow strip of coastline characterized by sand to boulder sized sediments. (Photo 5)
9. The said area is also where the barangay got their aggregates from the construction of other projects previously done on the barangay.

#### **Comments and Recommendations**

1. Based on the field findings and observation, parts of the barangay where the road is situated are susceptible to landslide or mass wasting and flooding. Also, due to its close proximity with the shore, hazards posed by the sea (e.g. strong waves, storm surge), may also affect the integrity of the concrete road.
2. Since the project will be built under loose sediments, proper engineering measures are recommended to prevent the possible erosion along the concrete road. Drainages shall also be built along the road and along the creek to divert the flowing water.
3. Furthermore, pursuant to Batas Pambansa Blg. 265 or the *Act Prohibiting the Extraction of Gravel and Sand from Beaches*, extraction of aggregates within the area suggested by the barangay are hereby prohibited.

For CENRO's information and further actions

  
FRANCIS JADE R. COMETA  
Science Research Specialist II

Cc:

The Regional Director  
Mines and Geosciences Bureau  
MIMAROPA Region  
7/F DENR Bldg., 1515 Roxas Blvd. Ermita, Manila



## PHOTO DOCUMENTATION



Photo 1: The undersigned together with the officials from the MPDC paid a courtesy call with the barangay officials.



Photo 2: Photo of the barangay road.





Photo 3: A landslide prone sign observed at the area close to foot of the hill.



Photo 4: A flood prone sign erected along a dry creek.





Photo 5: A beach area at the northern part of the island where the aggregates will be extracted.



## ANNEX 1



Location Map of Barangay Debangon.