



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

Telfax No. (048) 434 - 8791

Email Add: [penropalawan@denr.gov.ph](mailto:penropalawan@denr.gov.ph)

July 19, 2022

**MEMORANDUM**

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

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

**SUBJECT** : **GEOHAZARD CERTIFICATION FOR THE RELOCATION  
SITE OF BARANGAY OLD GUINLO, TAYTAY, PALAWAN**

Forwarded is the Memorandum dated 1 July 2022 of CENRO Taytay transmitting the appended certification dated 29 June 2022 from the Mines and Geosciences Bureau-MIMAROPA Region signed by Chief, Geosciences Division Edwin M. Mojares, Ph.D., regarding the above subject.

For information and consideration.

EMU/RGT Doc. No. 2022-6378

  
FELIZARDO B. CAYATOC

DENR-PALAWAN  
PENRO-RECORDS  
**RELEASED**

By \_\_\_\_\_  
Date: 1 JUL 2022 CN 22-1796





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

**COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE**

By the National Highway, Poblacion, Taytay, Palawan 5312

Mobile: 0926-505-9335 TM 0912-171-3889 TNT

Email: cenrotaytay@denr.gov.ph

DENR PENRO  
PALAWAN RECORDS  
RECEIVED

July 12, 2022

**MEMORANDUM**

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

THRU : The Provincial Environment and Natural Resources Officer  
Brgy. Sta. Monica, Puerto Princesa City

FROM : The Community Environment and Natural Resources Officer  
Taytay- El Nido, Palawan

SUBJECT : **GEOHAZARD CERTIFICATION FOR THE RELOCATION SITE  
OF BARANGAY OLD GUINLO, TAYTAY, PALAWAN.**

Respectfully forwarded is the certification dated June 29, 2022, from the Mines and Geosciences Bureau- MIMAROPA Region signed by Chief, Geosciences Division/ OIC- Regional Director, Edwin M. Mojares, Ph.D. as one of the basis for the approval of the plan of Lot 1473, Cad 841-D covered by Public Land Survey (PLS) in Barangay Old Guinlo, Taytay, Palawan.

For information and consideration.

DENR CENRO  
TAYTAY, PALAWAN  
RELEASED

BY: lee  
DATE: JUL 12 2022 CH 194

  
ALAN I. VALLE





Republic of the Philippines  
Department of Environment and Natural Resources  
**MINES AND GEOSCIENCES BUREAU**  
**MIMAROPA Region**

7/F DENR Building, 1515 Roxas Boulevard, Ermita, Manila  
Telefax No. (+632) 536-0215 / (+632) 310-1369  
Email: region4b@mgb.gov.ph



June 29, 2022

**MR. FELIZARDO B. CAYATOC**

Provincial Environment and Natural Resources Officer  
PENRO Palawan  
Brgy. Sta. Monica, Puerto Princesa City, Palawan

**Dear PENRO Cayatoc:**

This refers to your letter dated May 30, 2022 requesting for a geohazard certification for the planned relocation site located in Brgy. Old Guinlo, Taytay, Palawan for the residents within the easement zone. As per review of our geologic hazard database in the municipality, please be informed of the following susceptibility of the site to landslide and flood hazards based on the results of the 1:10,000-scale geohazard mapping activities conducted by the Mines and Geosciences Bureau-MIMAROPA in 2011 and the municipal risk exposure assessment and geohazard database updating conducted in 2016.

**Project Title: Establishment of the Relocation Site in Brgy. Old Guinlo, Taytay, Palawan for Residents within the Easement Zone**

The planned relocation site is situated in the barangay proper of Old Guinlo, approximately 350 meters from the coast of Guinlo Bay. Adjacent to the site is Kenatan Creek, a short, intermittent stream around 60 meters from the site. The aforementioned stream flows generally to the northwest direction and drains into Guinlo Bay. Based on anecdotal accounts of residents, as lifted from the report of Science Research Specialist I and MGB embedded personnel Francis Jade R. Cometa who conducted an ocular inspection at the site, the creek only flows during the rainy season and rarely overflows. Given its sufficient distance from the narrow floodplain of the above stream, the site is not prone to flood hazards.

The planned relocation site is located at the northern foot slopes of a northwest-southeast trending ridge that peaks at 86 meters altitude. The project site itself sits at a relatively low topographic elevation of 10 meters above sea level. The planned relocation site plots within a zone of moderate susceptibility to landslide and other forms of mass wasting, given the moderate relief and the gentle to moderately steep slope gradient of the immediate vicinity.

**"MINING SHALL BE PRO-PEOPLE AND PRO-ENVIRONMENT  
IN SUSTAINING WEALTH CREATION AND IMPROVED QUALITY OF LIFE."**



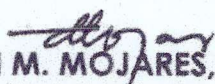
To address the potential ground stability problems at the project site, it is recommended that site-specific studies be conducted by the local building officials prior to the establishment of the relocation site. Other types of geohazards such as earthquake-induced ground shaking and subsidence may also be assessed to comprehensively determine the suitability of the site for relocation. The assessment for earthquake-related hazards may be requested from the Philippine Institute of Volcanology and Seismology (PHIVOLCS).

For your reference and guidance, attached herewith are the flood and landslide hazard susceptibility maps of portion of Taytay, Palawan showing the location of the planned relocation site.

This serves as the required **geohazard certification** for the above project site.

Very truly yours,

*By Authority of the Regional Director*

  
**EDWIN M. MOJARES, Ph.D.**  
Chief, Geosciences Division  
OIC-Regional Director

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Attachments: as stated

**Note:** This certification should not be used as a substitute for any detailed geohazard investigation report intended for the above project site.



GEOSCIENCES BUREAU  
MAROFA Reg. 01

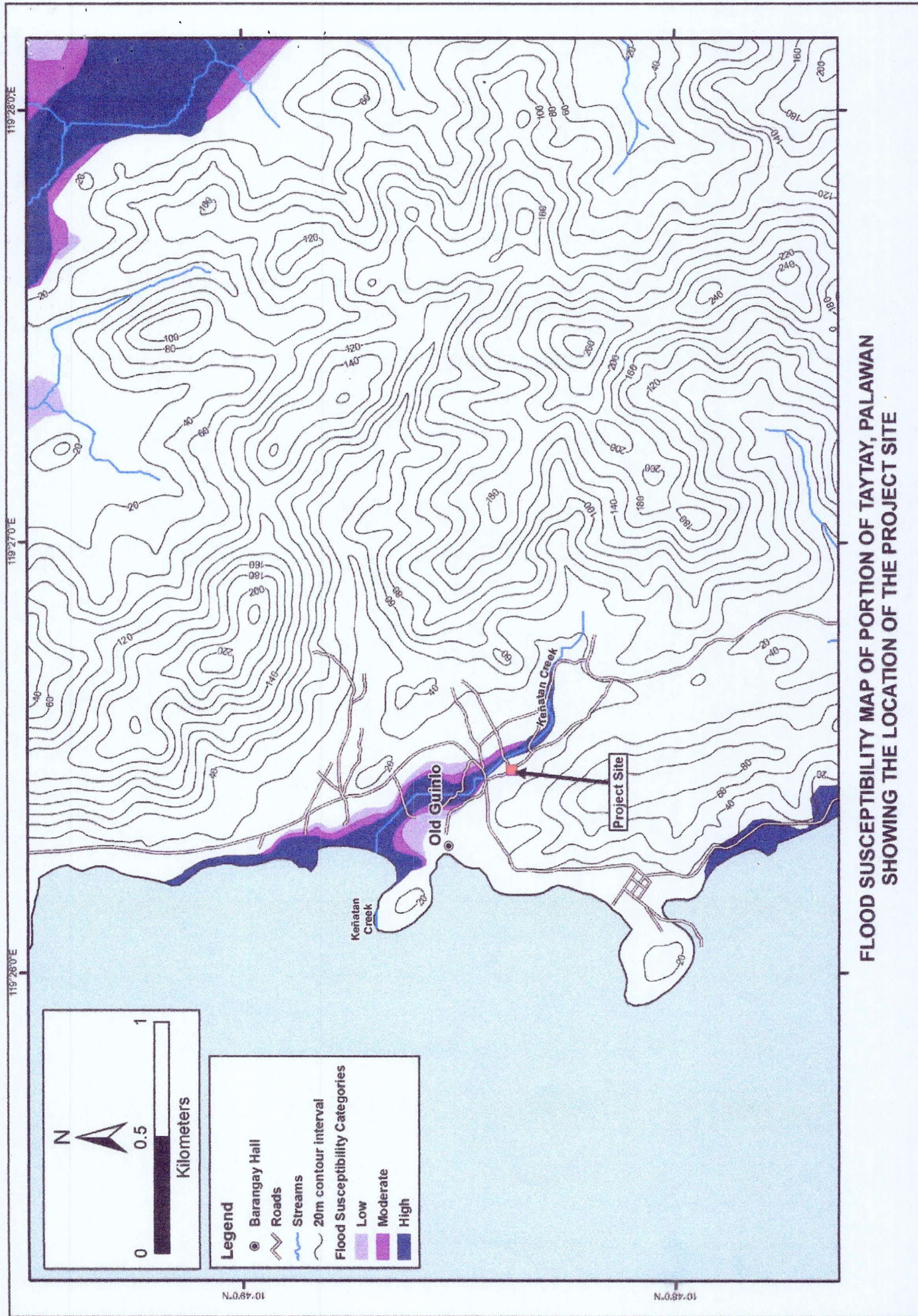
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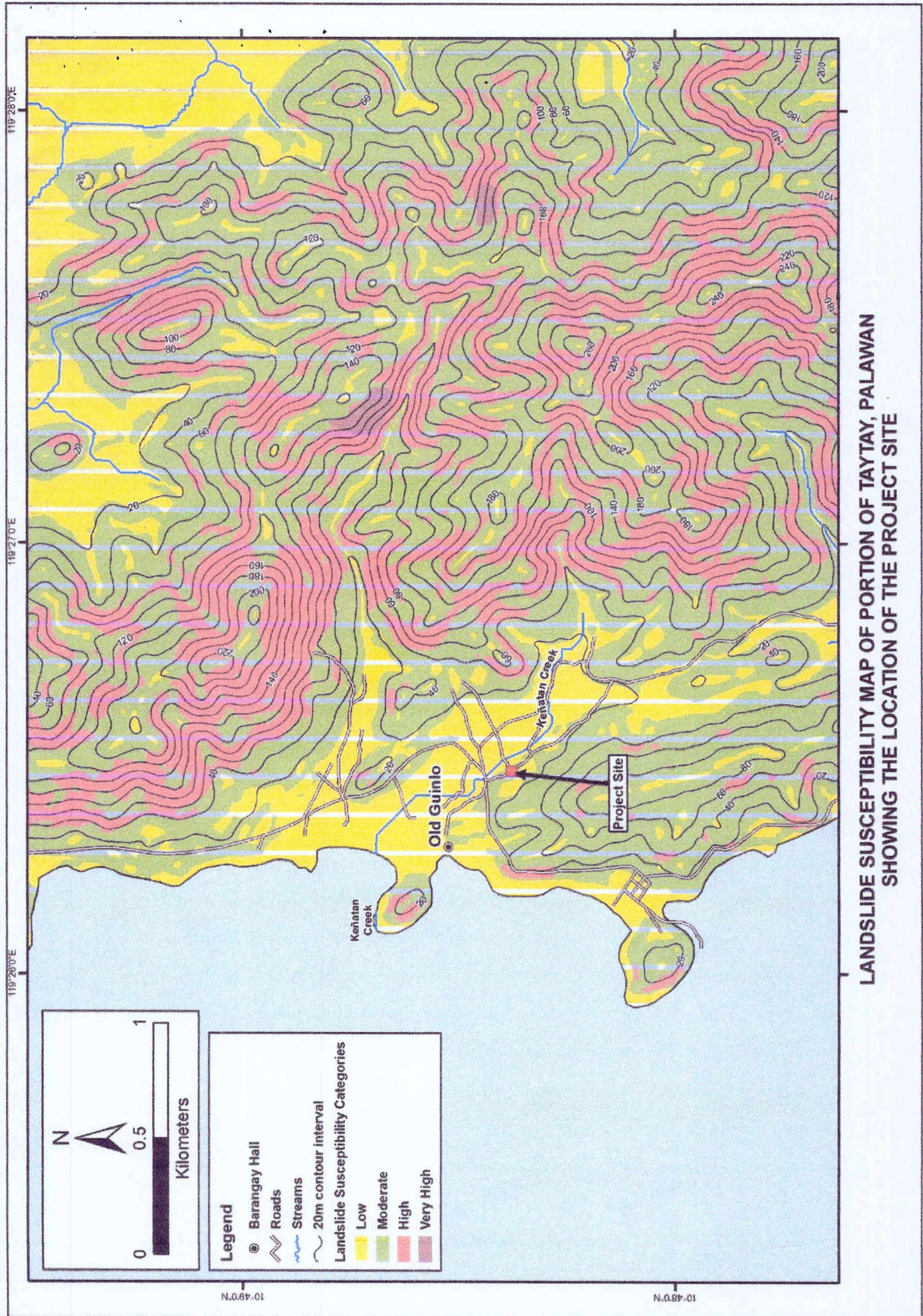
Certification





FLOOD SUSCEPTIBILITY MAP OF PORTION OF TAYTAY, PALAWAN  
SHOWING THE LOCATION OF THE PROJECT SITE





LANDSLIDE SUSCEPTIBILITY MAP OF PORTION OF TAYTAY, PALAWAN  
SHOWING THE LOCATION OF THE PROJECT SITE