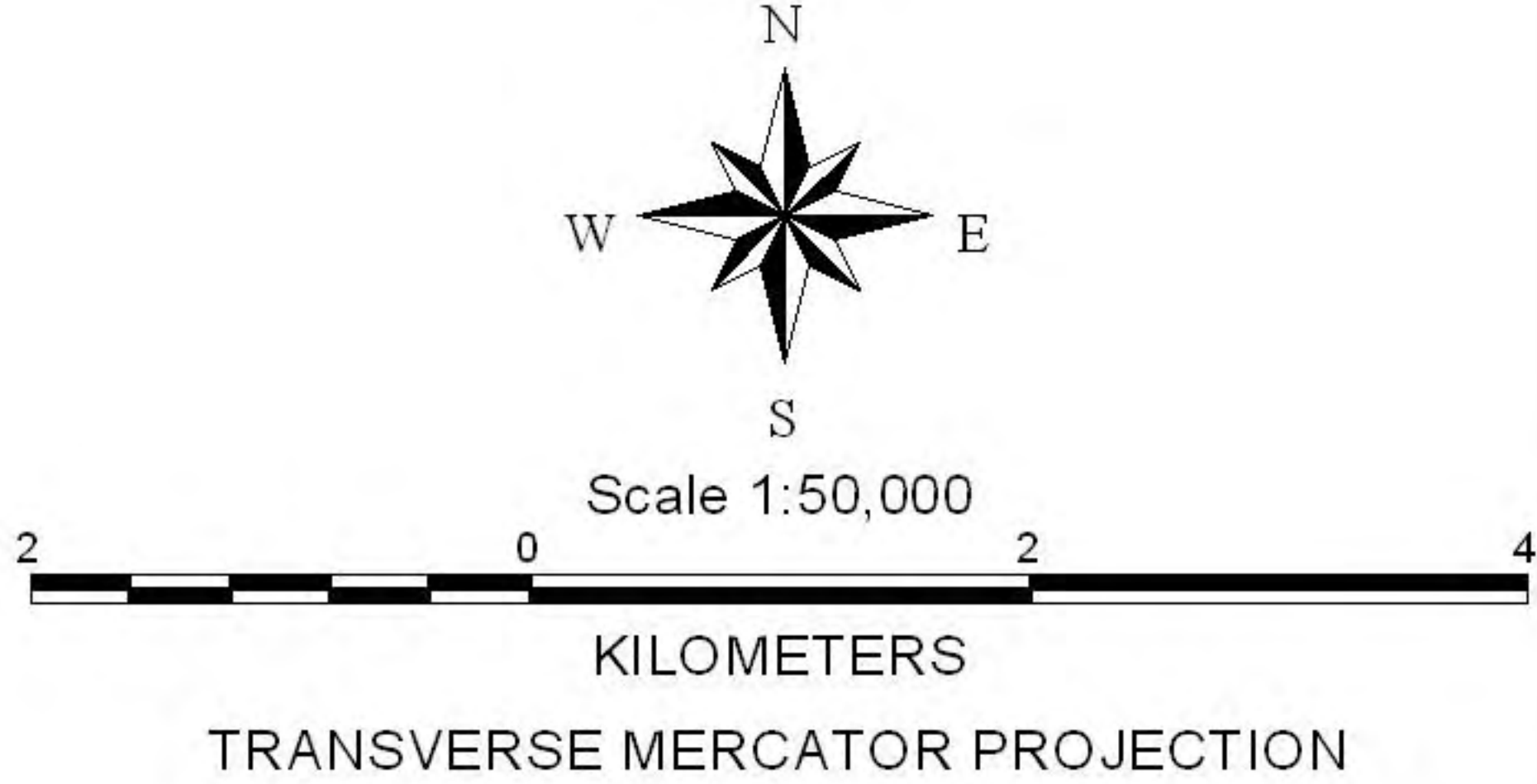


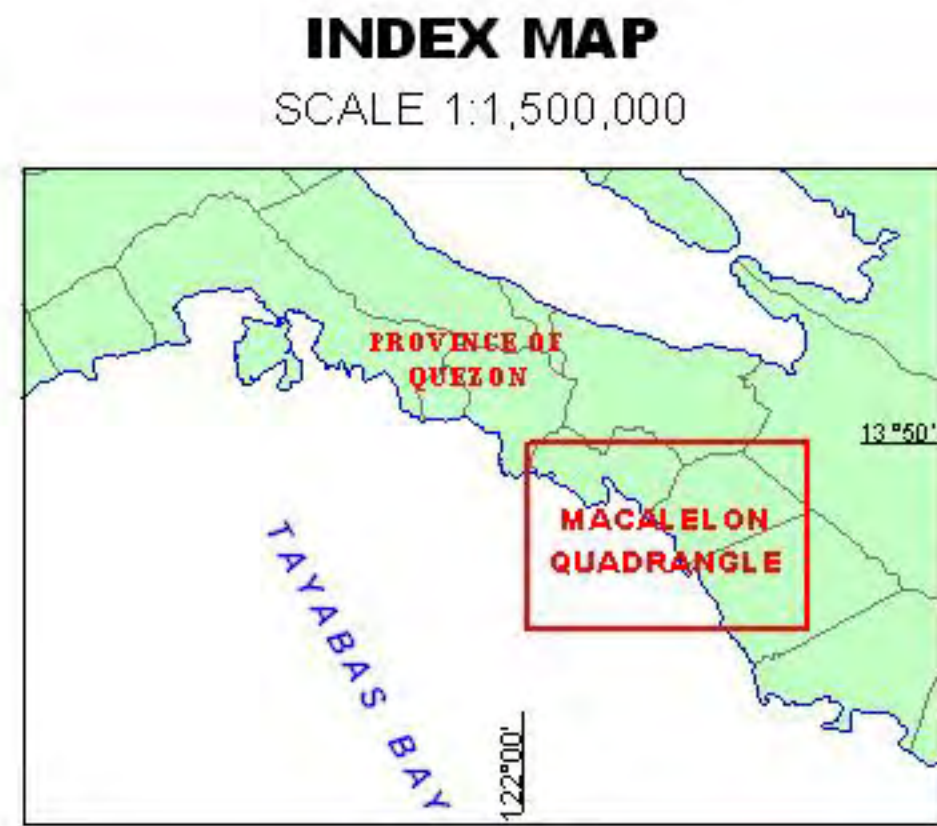
FLOOD SUSCEPTIBILITY MAP OF MACALELON QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

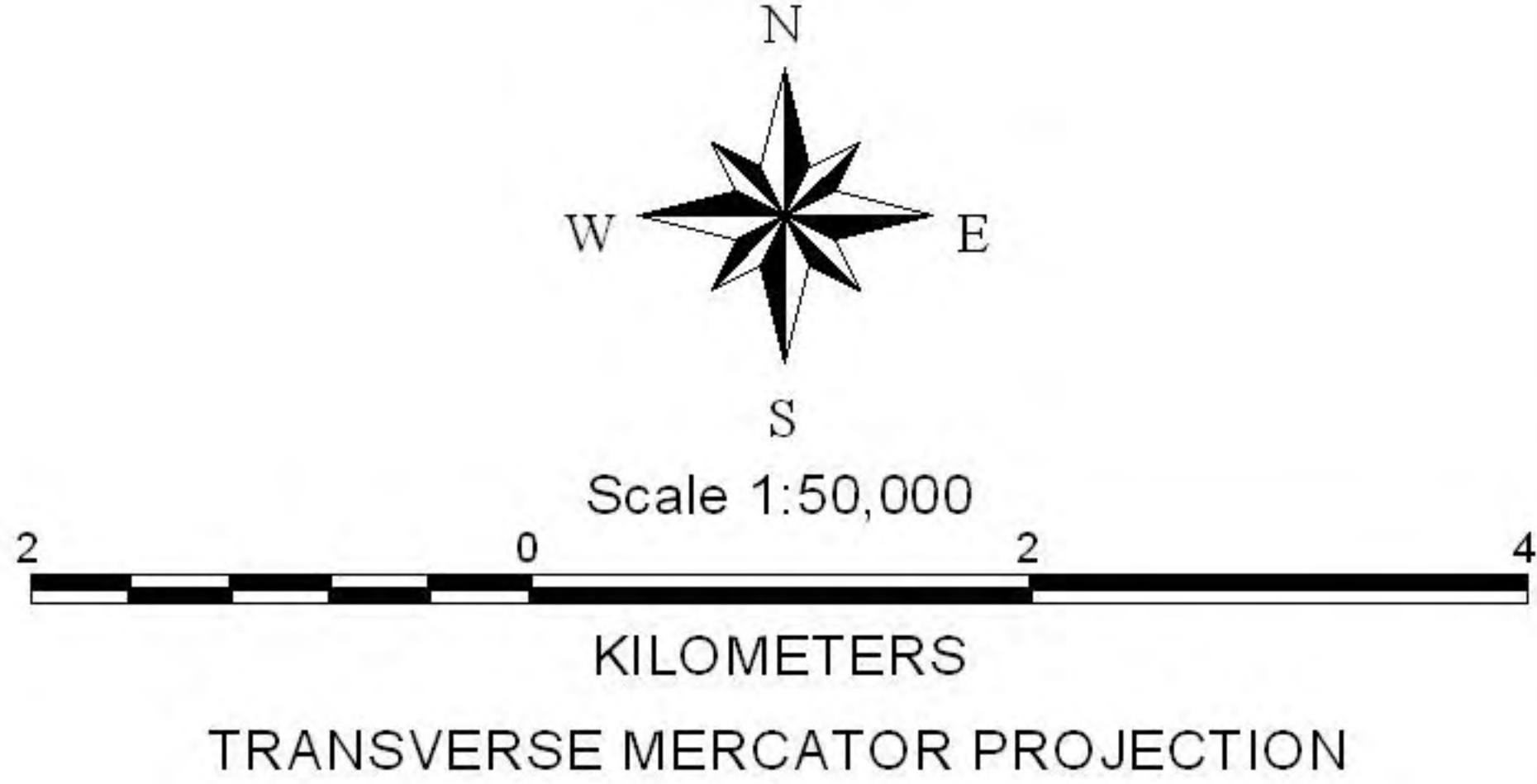
Data sources:
Rapid Geohazard Assessment Team
(Ronaldo J. Miranda, Section Chief,
and Patricia V. Kennedy, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3461-III
"Macalelon Quadrangle"



Note:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.

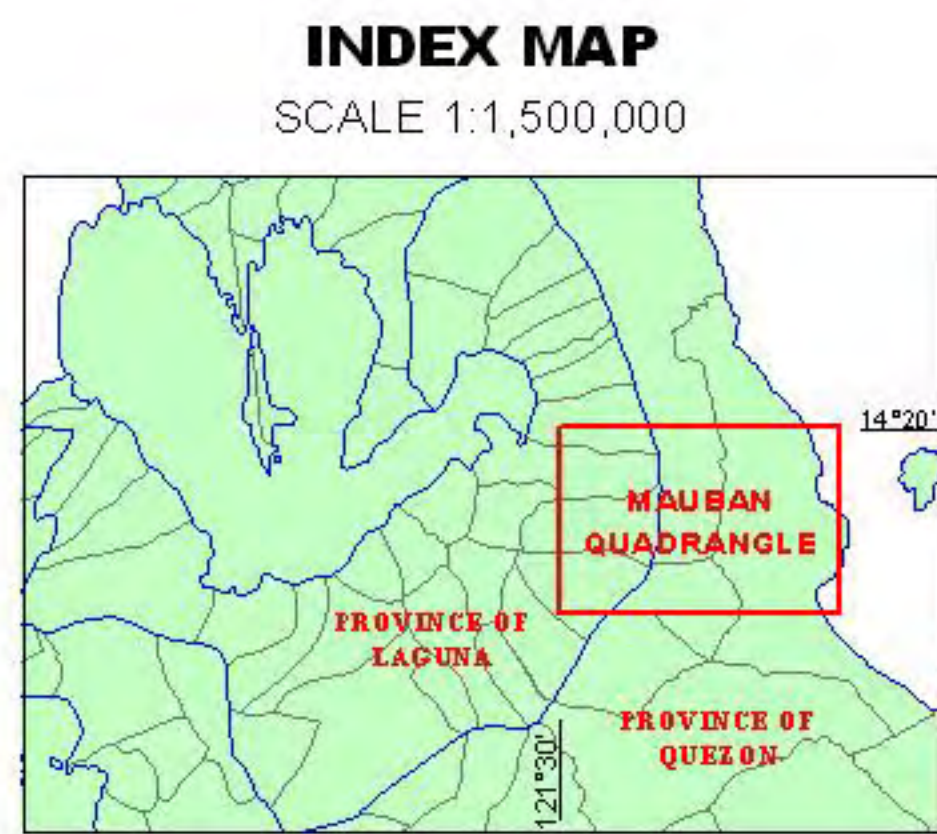
FLOOD SUSCEPTIBILITY MAP OF MAUBAN QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

Data sources:
Rapid Geohazard Assessment Team
(Elmer B. Billedo, Chief Geologist;
Ronaldo J. Miranda, Section Chief,
Patricia V. Kennedy, Sr. Geologist
and Fidel R. Zepeda, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3362-IV
"Mauban Quadrangle"

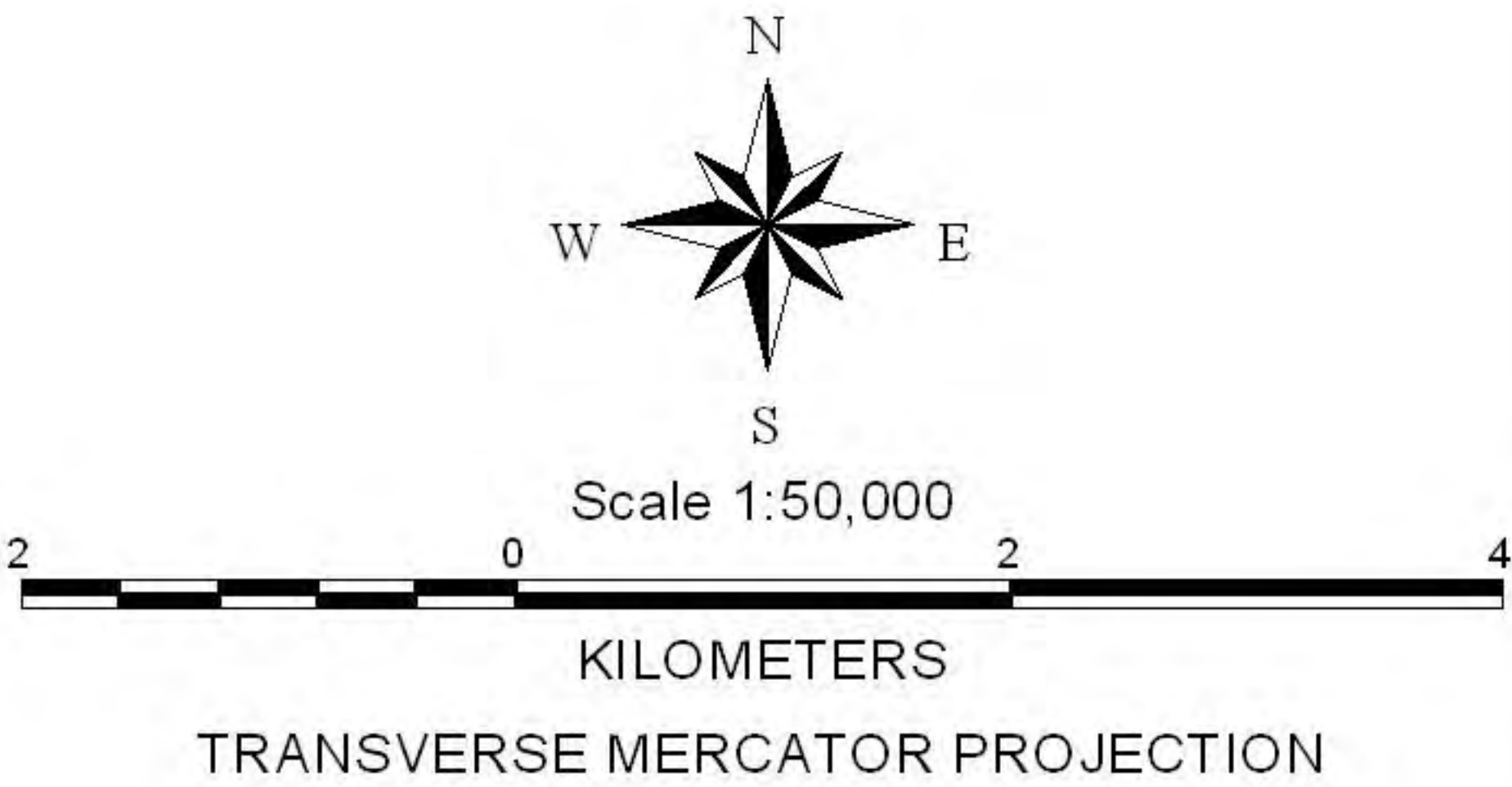


Note:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

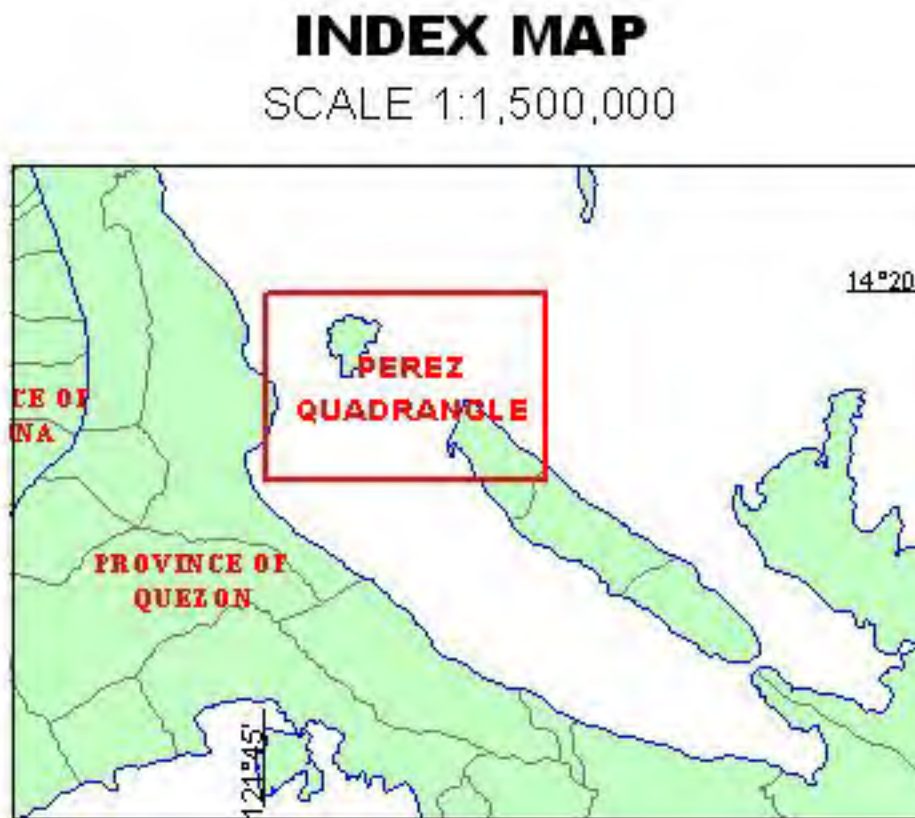
FLOOD SUSCEPTIBILITY MAP OF PEREZ QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

Data sources:
Rapid Geohazard Assessment Team
(Elmer B. Bellido, Chief Geologist;
Ronaldo J. Miranda, Section Chief,
Patricia V. Kennedy, Sr. Geologist;
and Fidel R. Zepeda, Sr. Geologist
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3362-I
"Perez Quadrangle"

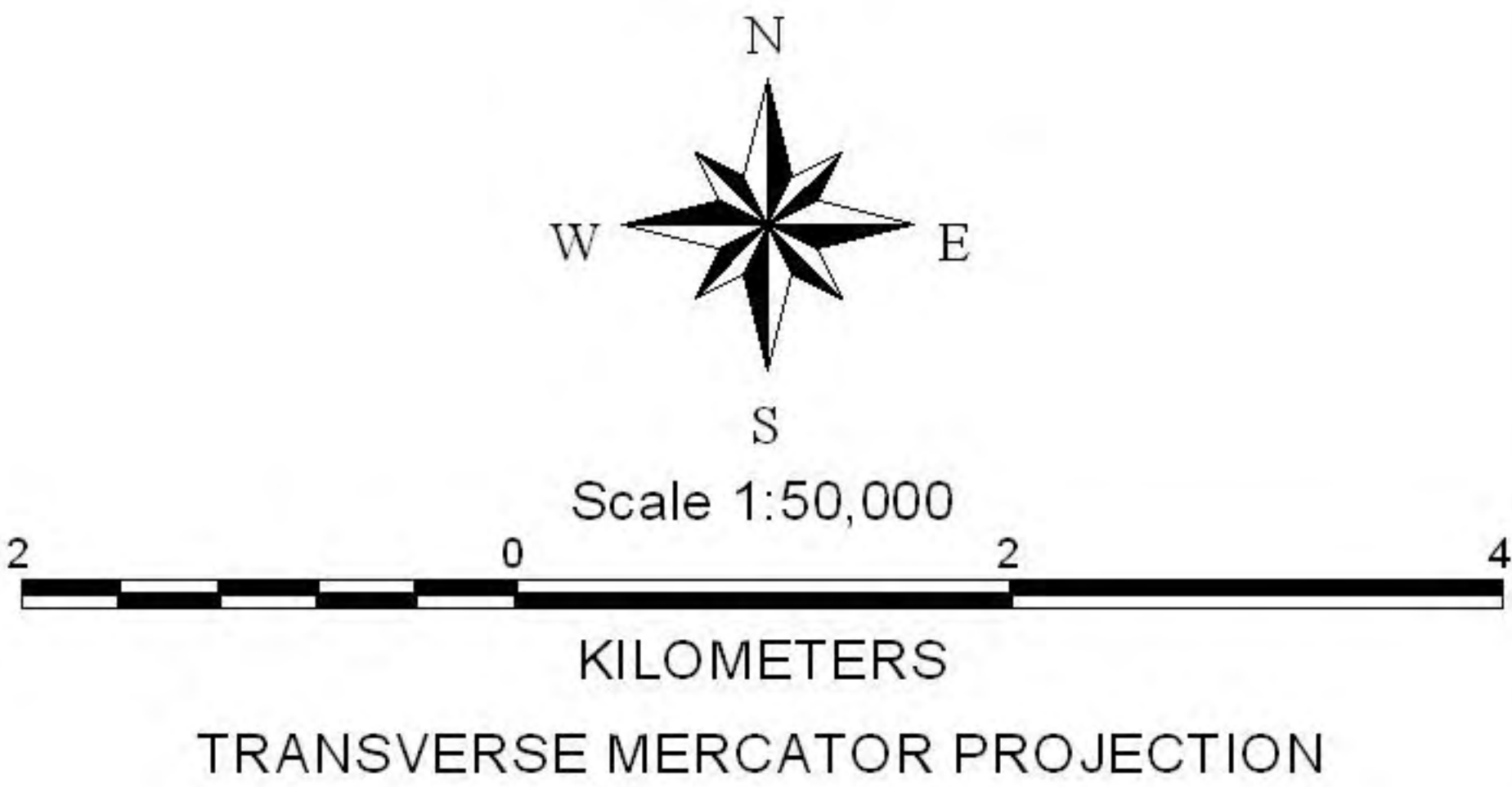


Notes:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

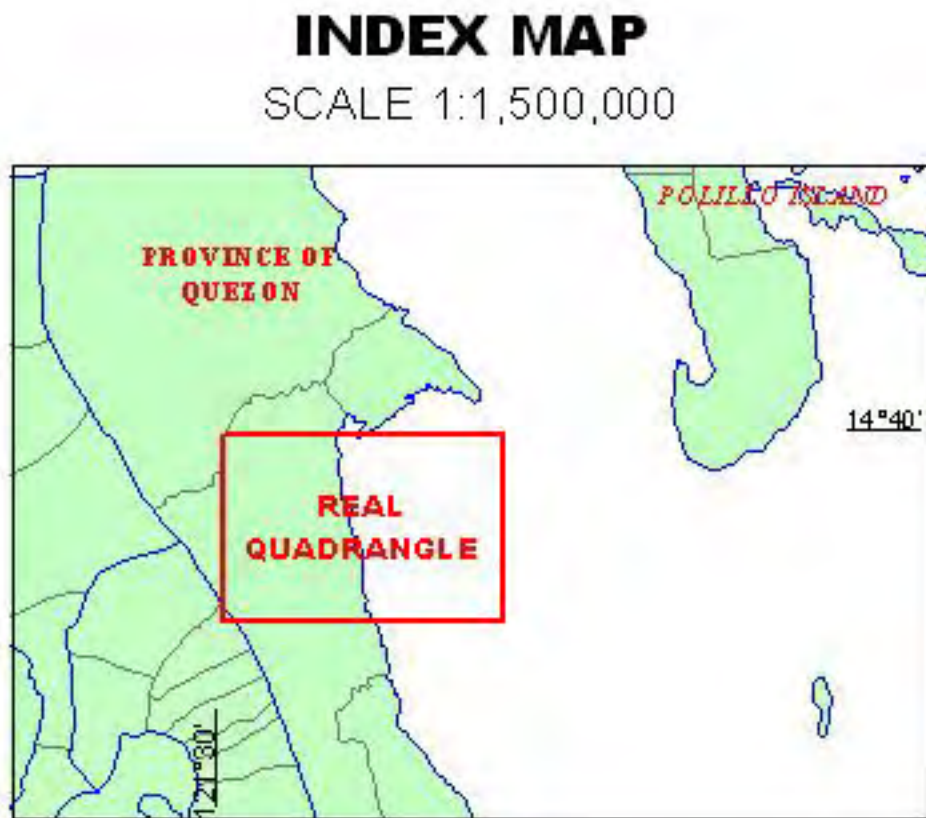
FLOOD SUSCEPTIBILITY MAP OF REAL QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- F** High Susceptibility
 - O** Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Trails/Footpath
 - 100 100m contour interval
 - 20 20m contour interval

Data sources:
Rapid Geohazard Assessment Team
(Elmer B. Billedo, Chief Geologist;
Ronaldo J. Miranda, Section Chief,
Patricia V. Kennedy, Sr. Geologist;
Fidel R. Zepeda, Sr. Geologist and
Perlito A. Angeles, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

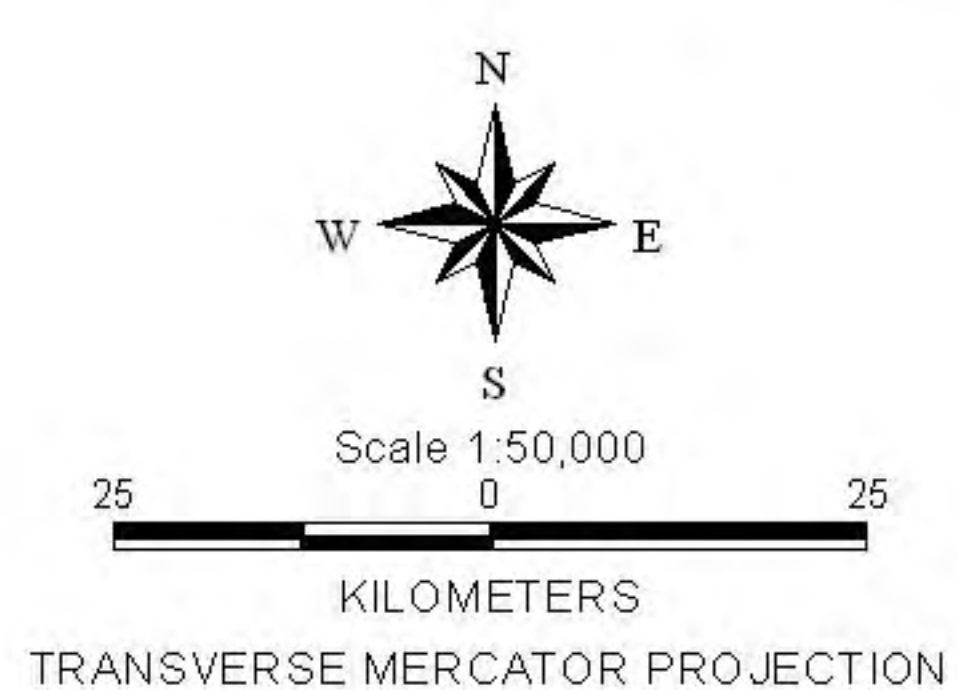
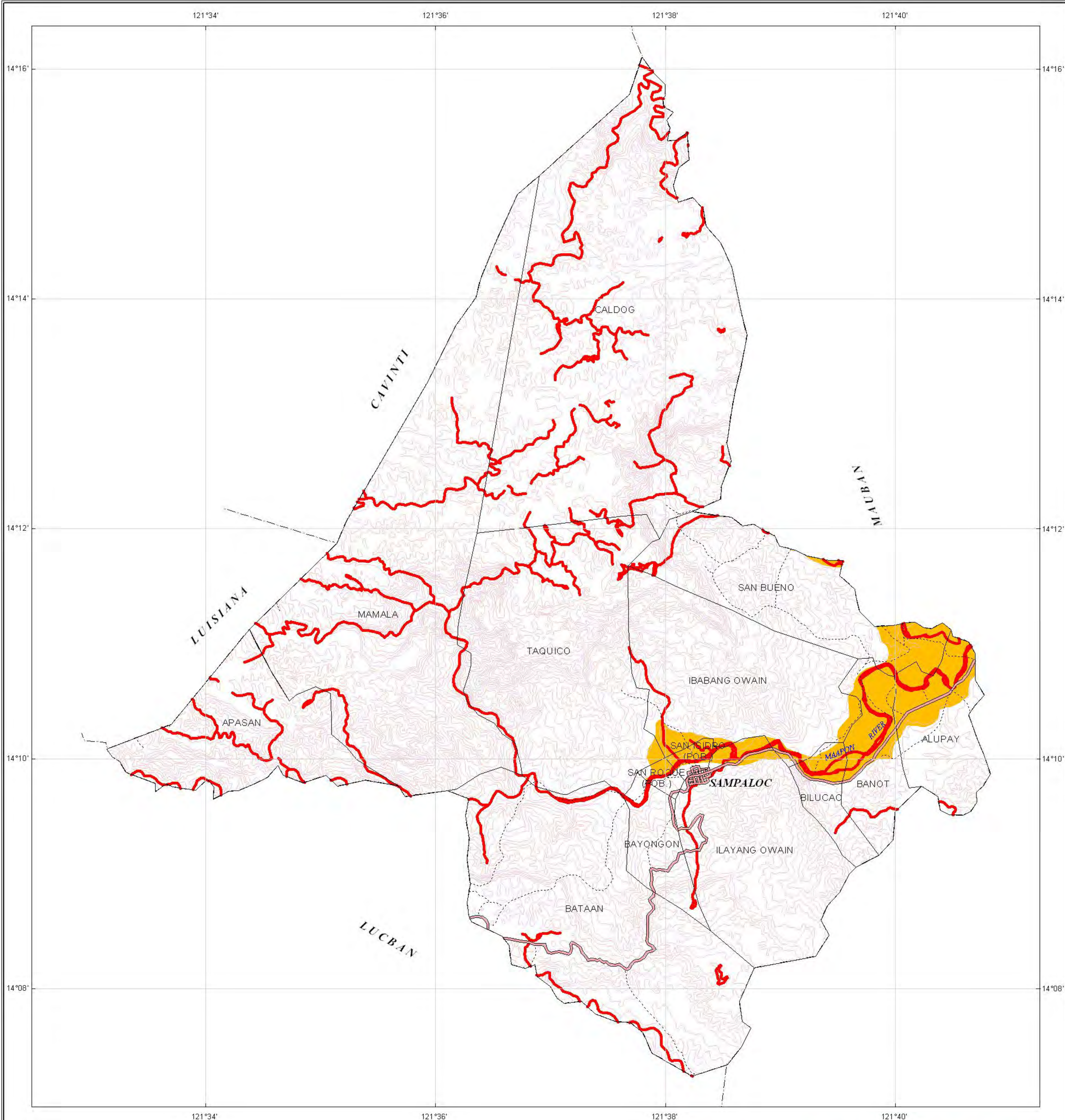
Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3363-IV
"Real Quadrangle"



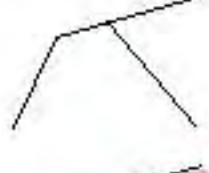
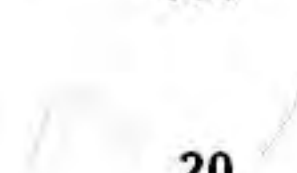
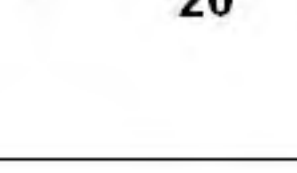
Notes:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4



LEGEND:

-  Low to Moderate Susceptibility
-  Potential Flashflood Exit Points
-  Prone to Riverbank Erosion
-  Municipal boundary
-  Barangay boundary
-  Main road
-  Trails/Footpath
-  100m contour interval
-  20m contour interval

Data sources:
Rapid Geohazard Assessment Team
(Ronaldo J. Miranda, Section Chief,
and Patricia V. Kennedy, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3462-II
"Mauban and Lucban Quadrangle"

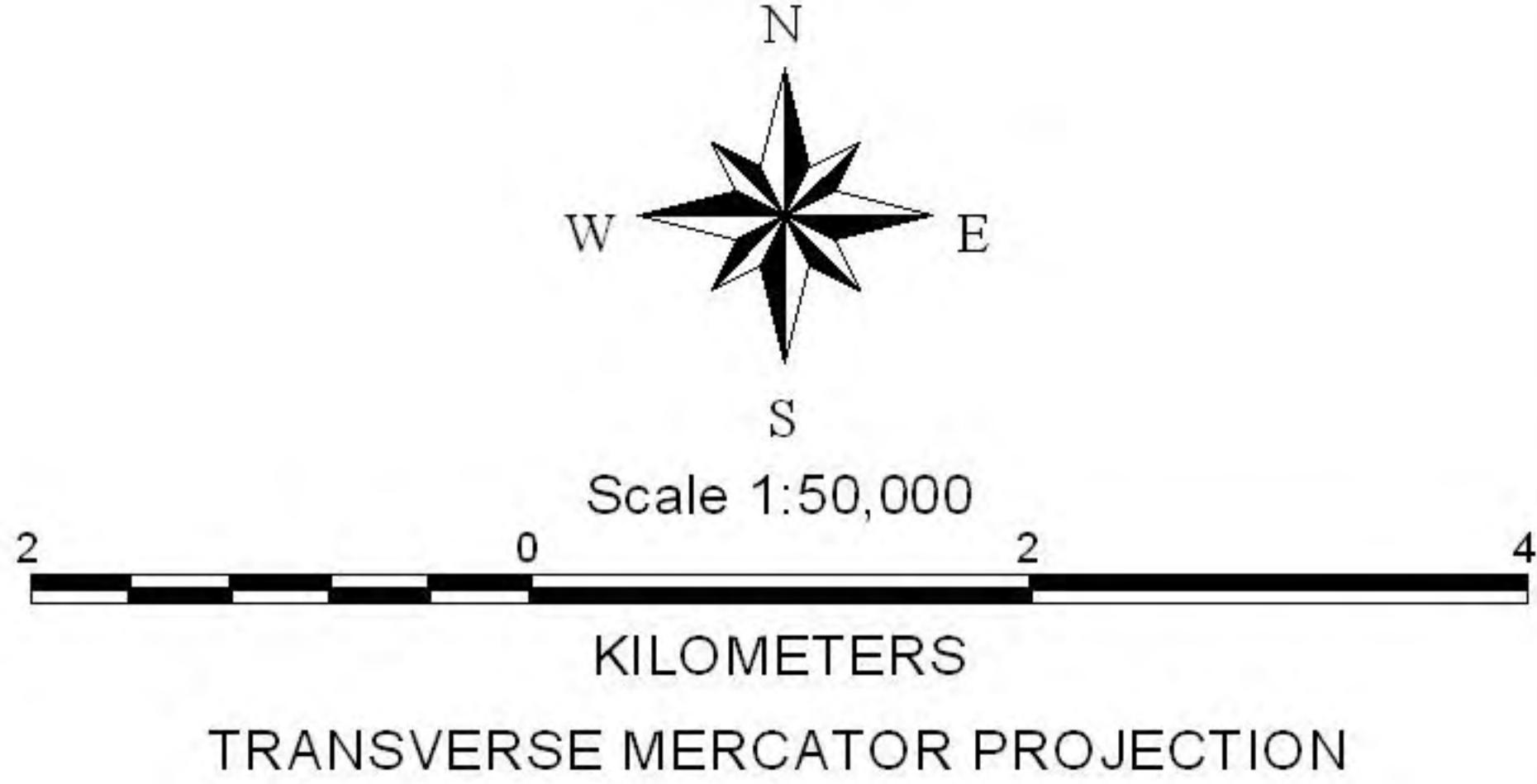
Note:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



LOCATION MAP
SCALE 1:1,000,000

**FLOOD SUSCEPTIBILITY MAP OF SAMPALOC
PROVINCE OF QUEZON, PHILIPPINES**

FLOOD SUSCEPTIBILITY MAP OF SAN ANDRES QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

Data sources:

Rapid Geohazard Assessment Team
(Socorro P. Hernandez, Supervising Geologist;
and Romali S. Umali, Supervising Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:

NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3559-IV
"San Andres Quadrangle"



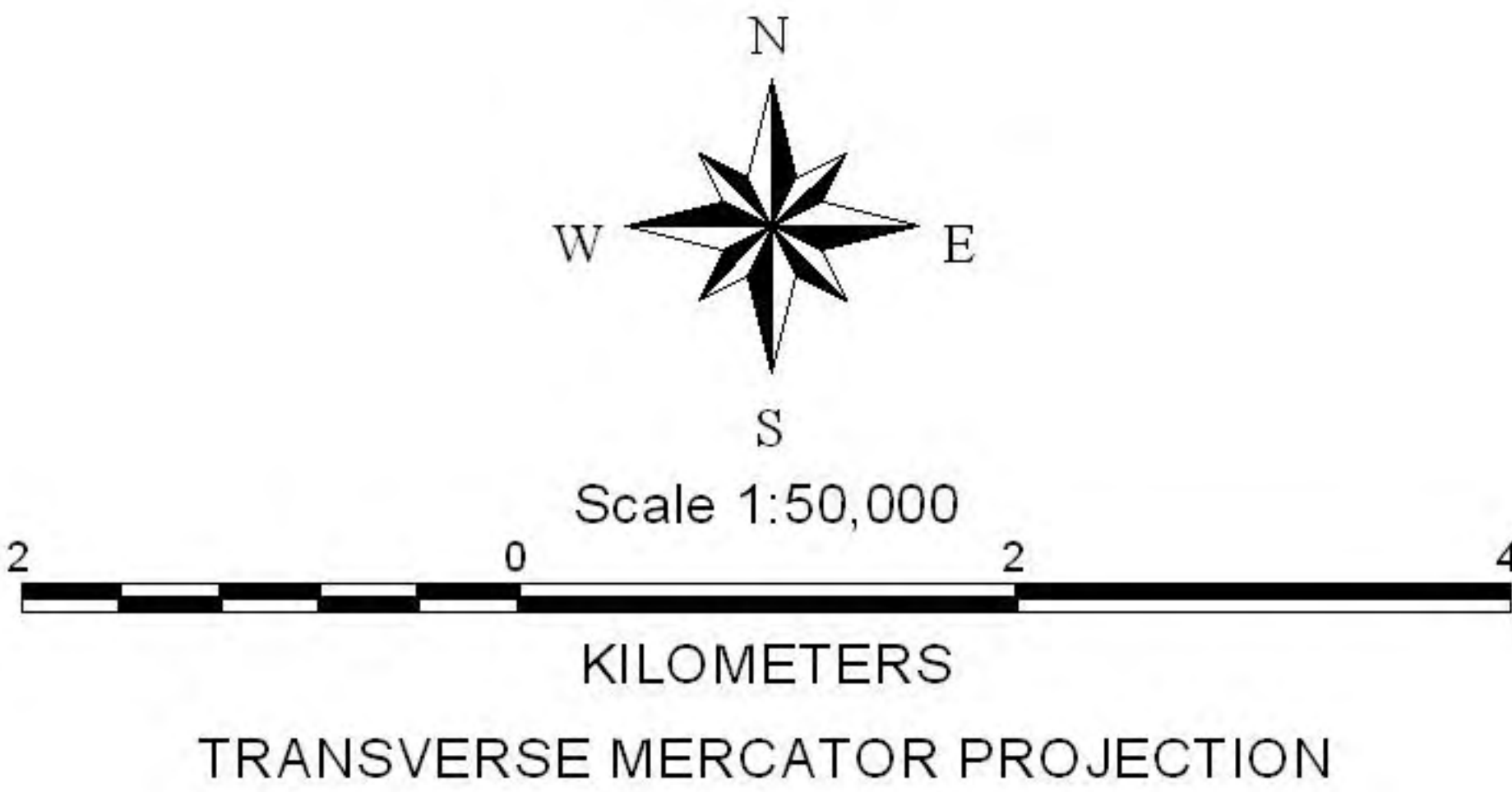
Notes:

Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

FLOOD SUSCEPTIBILITY MAP OF SAN ANTONIO QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



LEGEND:

- Low to Moderate Susceptibility
- Potential Flashflood Exit Points
- Prone to Riverbank Erosion
- Shoreline boundary
- Municipal boundary
- Main road
- Trails/Footpath
- 100m contour interval
- 20m contour interval

Data sources:

Rapid Geohazard Assessment Team
(Ronaldo J. Miranda, Section Chief,
and Fidel R. Zepeda, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:

NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3363-III
"San Antonio Quadrangle"

INDEX MAP

SCALE 1:1,500,000



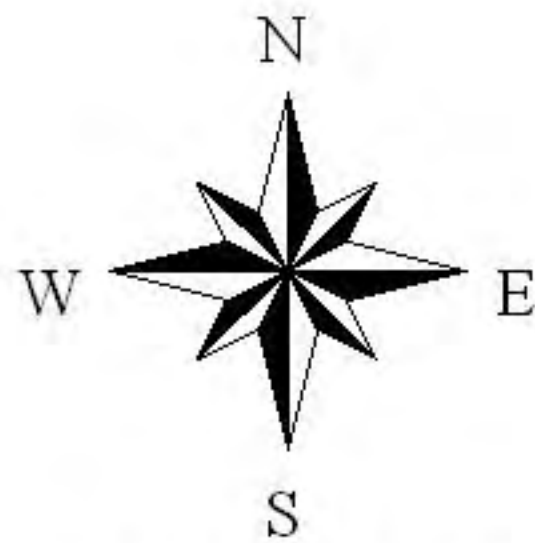
Notes:

Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

FLOOD SUSCEPTIBILITY MAP OF SAN NARCISO QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



Scale 1:50,000



KILOMETERS

TRANSVERSE MERCATOR PROJECTION

LEGEND:

- High Susceptibility
- Low to Moderate Susceptibility
- Potential Flashflood Exit Points
- Prone to Riverbank Erosion
- Shoreline boundary
- Municipal boundary
- Main road
- Trails/Footpath
- 100m contour interval
- 20m contour interval

Data sources:

Rapid Geohazard Assessment Team
(Socorro P. Hernandez, Supervising Geologist;
and Romali S. Umali, Supervising Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:

NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3560-IV
"San Narciso Quadrangle"

INDEX MAP

SCALE 1:1,500,000



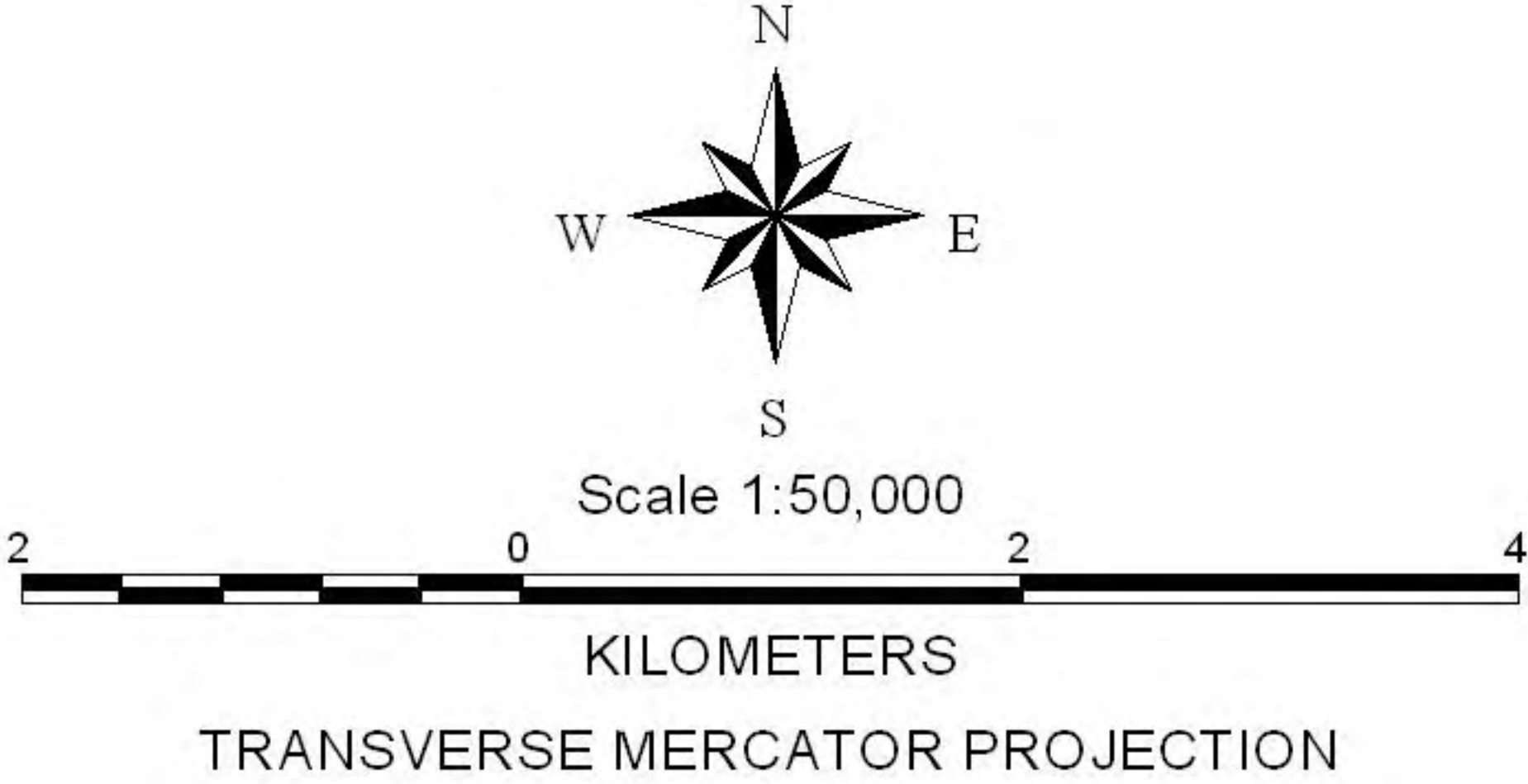
Note:

Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

FLOOD SUSCEPTIBILITY MAP OF TAGKAWAYAN QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Provincial boundary
 - Main road
 - Rail road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

Data sources:
Rapid Geohazard Assessment Team
(Perlito A. Angeles, Sr. Geologist and
Rolando P. Ranes, Supervising Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:
NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3561-IV
"Tagkawayan Quadrangle"

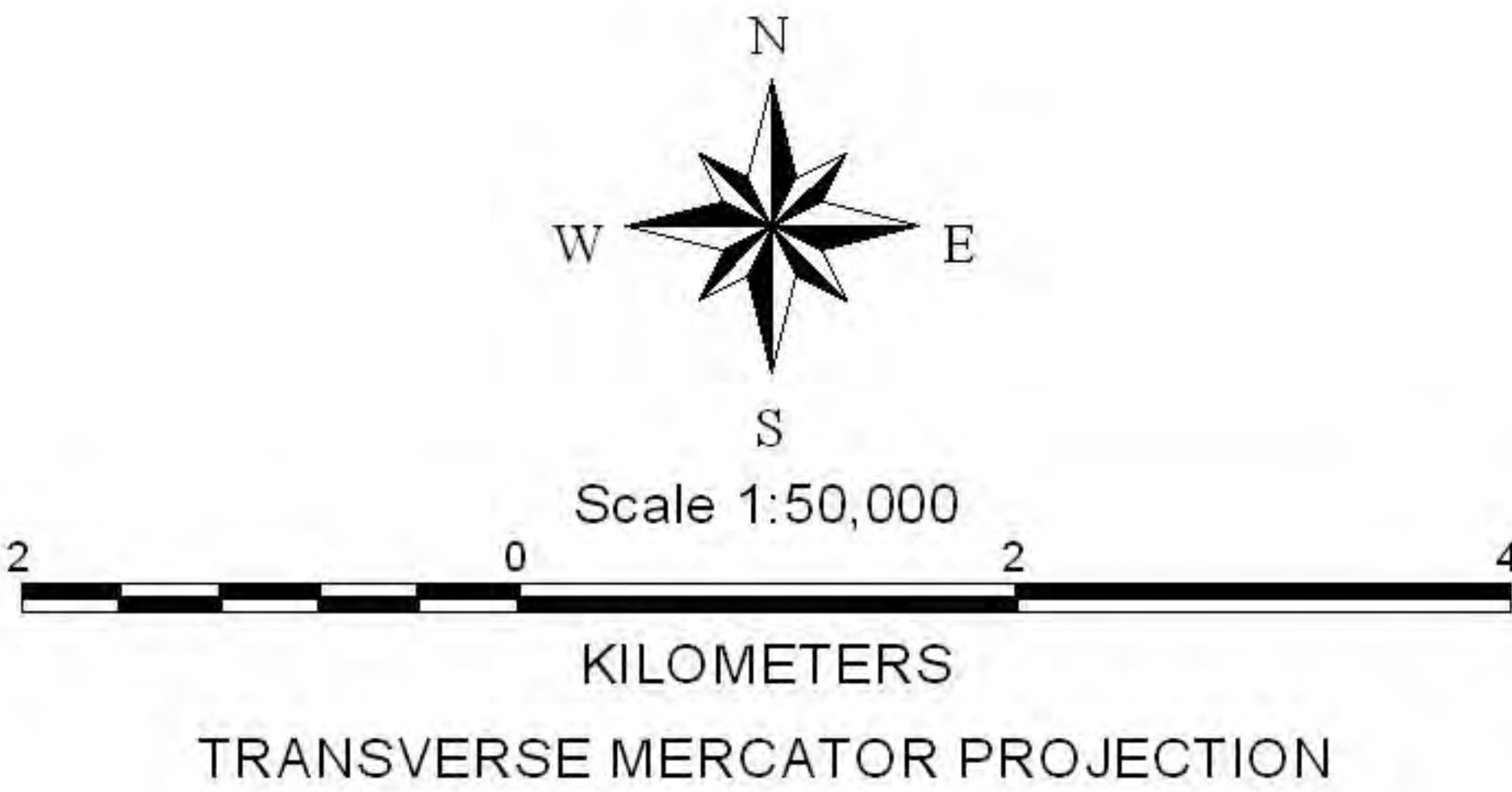


Notes:
Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

FLOOD SUSCEPTIBILITY MAP OF TINIGUIBAN QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



LEGEND:

- High Susceptibility
- Low to Moderate Susceptibility

Prone to Riverbank Erosion

Shoreline boundary

Municipal boundary

Trails/Footpath

100m contour interval

20m contour interval

Data sources:

Rapid Geohazard Assessment Team
(Ronaldo J. Miranda, Section Chief,
and Fidel R. Zepeda, Sr. Geologist)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:

NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3462-IV
"Tiniguiban Quadrangle"

INDEX MAP

SCALE 1:1,500,000



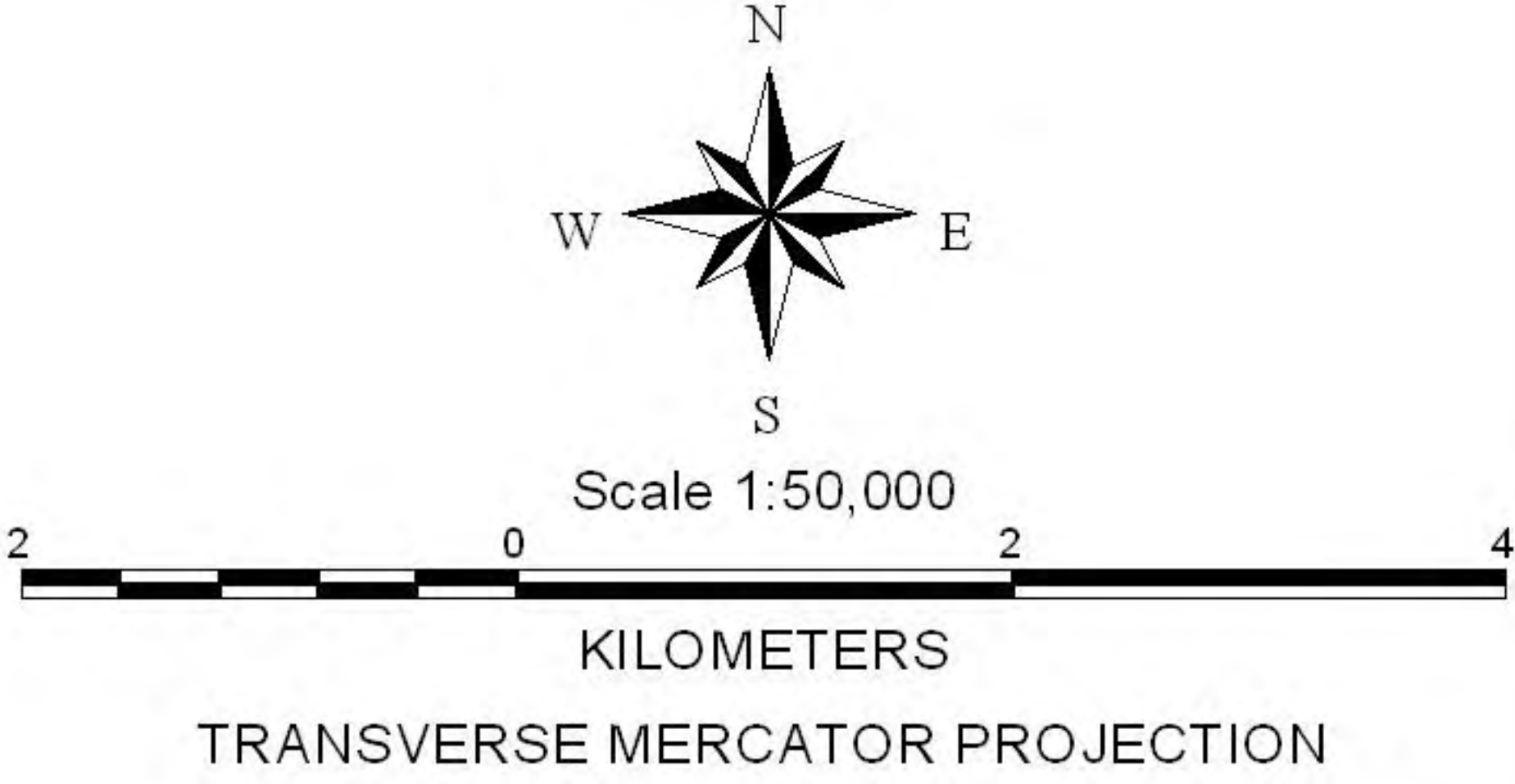
Notes:

Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU
Regional Office No. 4

FLOOD SUSCEPTIBILITY MAP OF UNISAN QUADRANGLE
PROVINCE OF QUEZON, PHILIPPINES



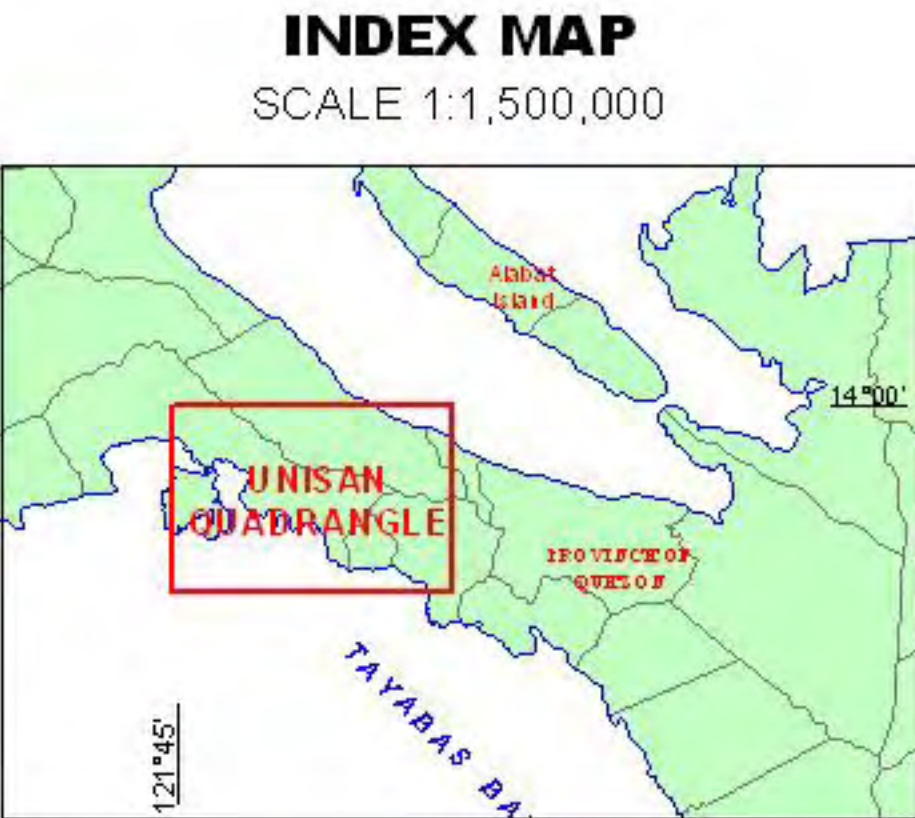
- LEGEND:**
- High Susceptibility
 - Low to Moderate Susceptibility
 - Potential Flashflood Exit Points
 - Prone to Riverbank Erosion
 - Shoreline boundary
 - Municipal boundary
 - Main road
 - Rail road
 - Trails/Footpath
 - 100m contour interval
 - 20m contour interval

Data sources:

Rapid Geohazard Assessment Team
(Rolando P. Ranes, Supervising Geologist and
Perito A. Angeles, Sr. Geologist;)
Geosciences Division
MGB Region IV-A (CALABARZON)

Base map:

NAMRIA Topographic Map,
Scale 1:50,000, Sheet No. 3361-I
"Unisan Quadrangle"



Notes:

Errors or any suggestions on this Geohazard map,
please notify the Mines and Geosciences Bureau,
Regional Office No. 4 A (CALABARZON) DENR
By The Bay, 1515 Roxas Blvd. Ermita, Manila.