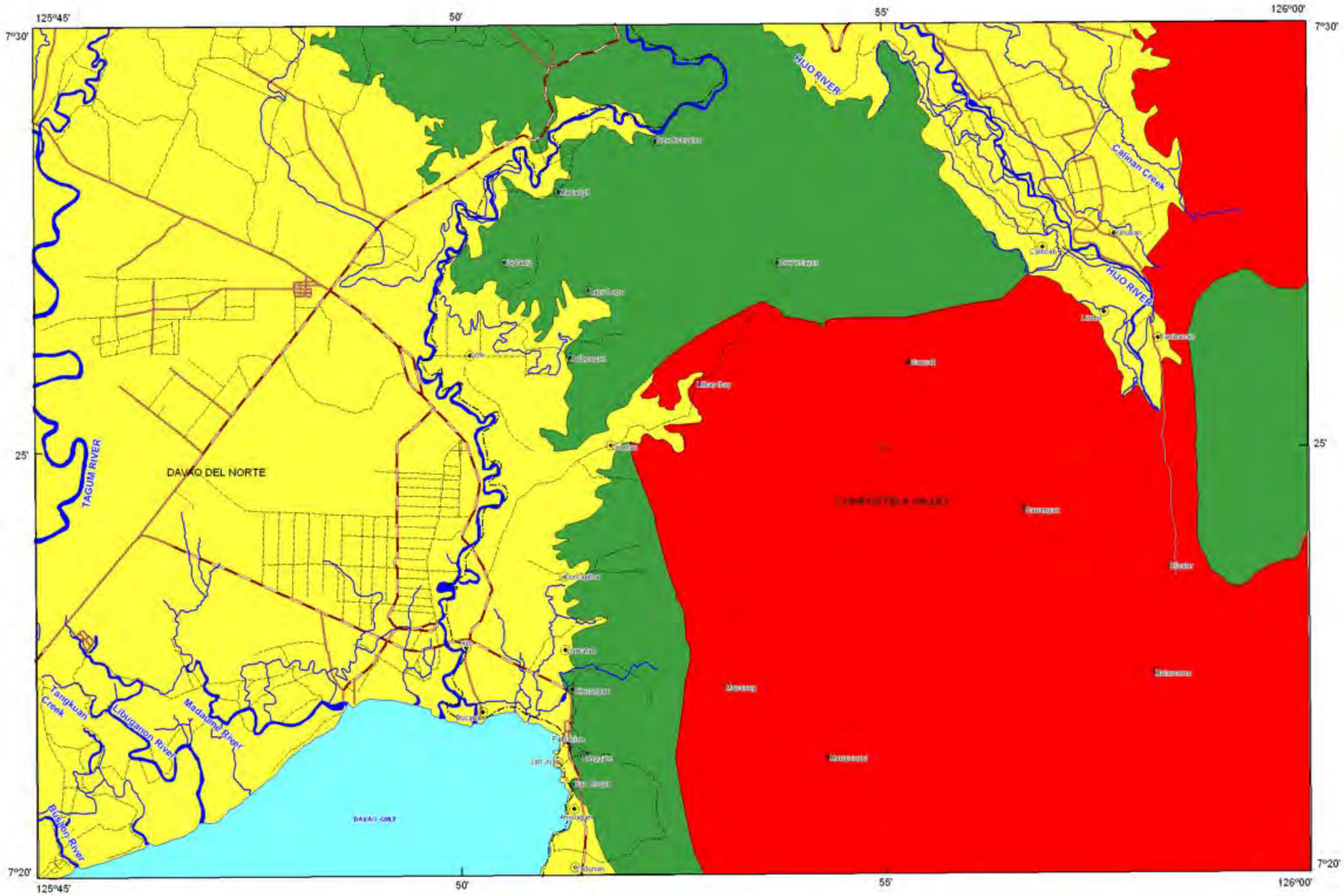
LANDSLIDE SUSCEPTIBILITY MAP OF MAGUGPO QUADRANGLE, COMPOSTELA VALLEY PROVINCE, PHILIPPINES



INDEX MAP

LEGEND :

High susceptibility to landslide

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

Moderate susceptibility to landslide

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

Low susceptibility to landslide

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

Roads

River

Municipal boundary

Barangay hall location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

GIS Processing :
Lands Geological Survey Division

Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO XI

Base Map :
Sheet No. 4142 II "Magugpo Quadrangle"

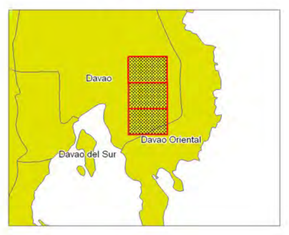
LANDS GEOLOGICAL SURVEY DIVISION
MINES AND GEOSCIENCES BUREAU
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

LANDSLIDE SUSCEPTIBILITY MAP OF MANAT, SABAKI AND SUMLOG RIVER QUADRANGLES, COMPOSTELA PROVINCE, PHILIPPINES

126°00' 126°15' 7°40' 7°30' 7°20' 7°10'

Osmeña, Aurora, San Jose, Siocon, San Miguel, New Alegria, Katipunan, Bantacan, Gabi, Magsaysay, Kahayag, Panag, San Roque, Batinao, Cagonan, New Bataan, Manangit, Fatima, Andap, Camanlangan, Tandanan, Katipunan, New Manay, Tupas, Tagdalonbing, Cambugang, Talian, Labi, New Buhangin, Pamintarang, Mahayabay, New Albay, Langawisan, Magcagong, Poblacion, Coronobe, Mabugnao, Maragusan, New Katipunan, Mauswagon, Kuyabe, Bagong Silang, Mapawa, Bahi, New Panay, Tagugpo, Tigbao, Araibo, Las Arenas

INDEX MAP



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Moderate susceptibility to landslide

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

Low susceptibility to landslide

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

Possible Landslide Debris Accumulation Zone

These are areas where landslide debris could accumulate.

Barangay center location

N W E S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION

MAPPING SCALE 1:50,000

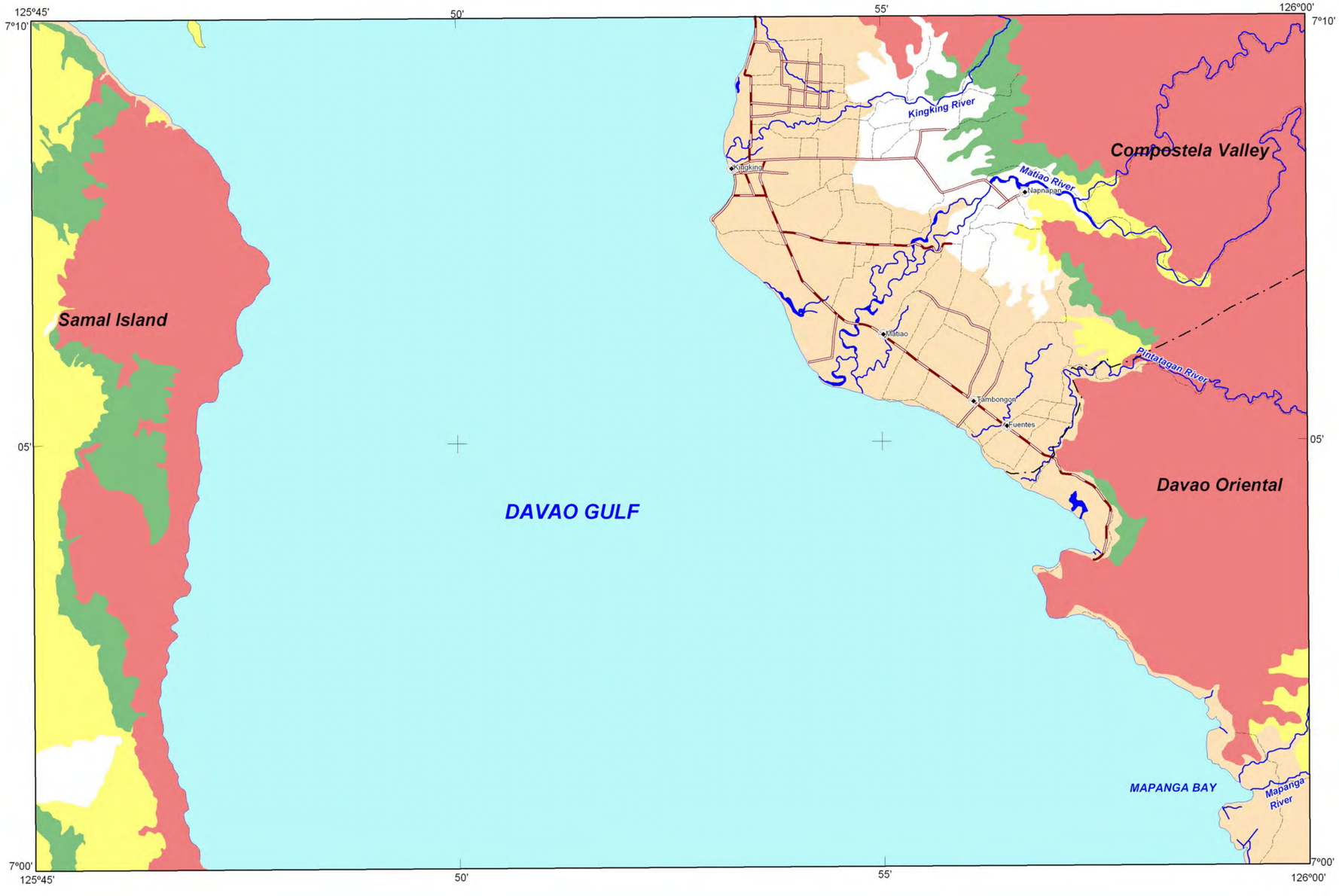
GIS Processing :
Lands Geological Survey Division

Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO XI

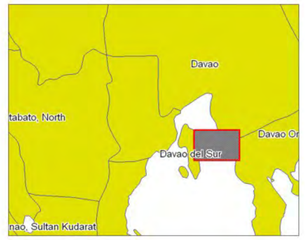
Base Map :
Sheet No. 4242-IV "Manat Quadrangle"
Sheet No. 4242-III "Sabaki Quadrangle"
Sheet No. 4241-IV "Sumlog River Quadrangle"

LANDS GEOLOGICAL SURVEY DIVISION
MINES AND GEOSCIENCES BUREAU
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

PRELIMINARY GEOHAZARD MAP OF PANTUKAN QUADRANGLE
COMPOSTELA VALLEY PROVINCE, PHILIPPINES



INDEX MAP



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Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that would directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly susceptible to landslides.

Moderate Susceptibility to Landslide

Areas with moderate landslide susceptibility rating have inactive/old landslides and tension cracks which are located away from the community. These areas usually have moderate slopes.

Low Susceptibility to Landslide

Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating.

Areas Susceptible to Flood

Areas which are subjected to recurring inundation when the level of a body of water rises and overflows its natural or artificial confines due to heavy or continuous rainfall.

Roads

River

Municipal boundary

Barangay hall location

N
W E
S

0 1.5 3
kilometers

TRANSVERSE MERCATOR PROJECTION
MAPPING SCALE 1:50, 000

GIS Processing :
Lands Geological Survey Division

Data Sources:
MGB Geohazard Assessment Team
Geological Database and Information Systems Section
Lands Geological Survey Division
Geosciences Division MGB RO XIII

Base Map :
Sheet No. 4141 II "Pantukan Quadrangle"

LANDS GEOLOGICAL SURVEY DIVISION
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