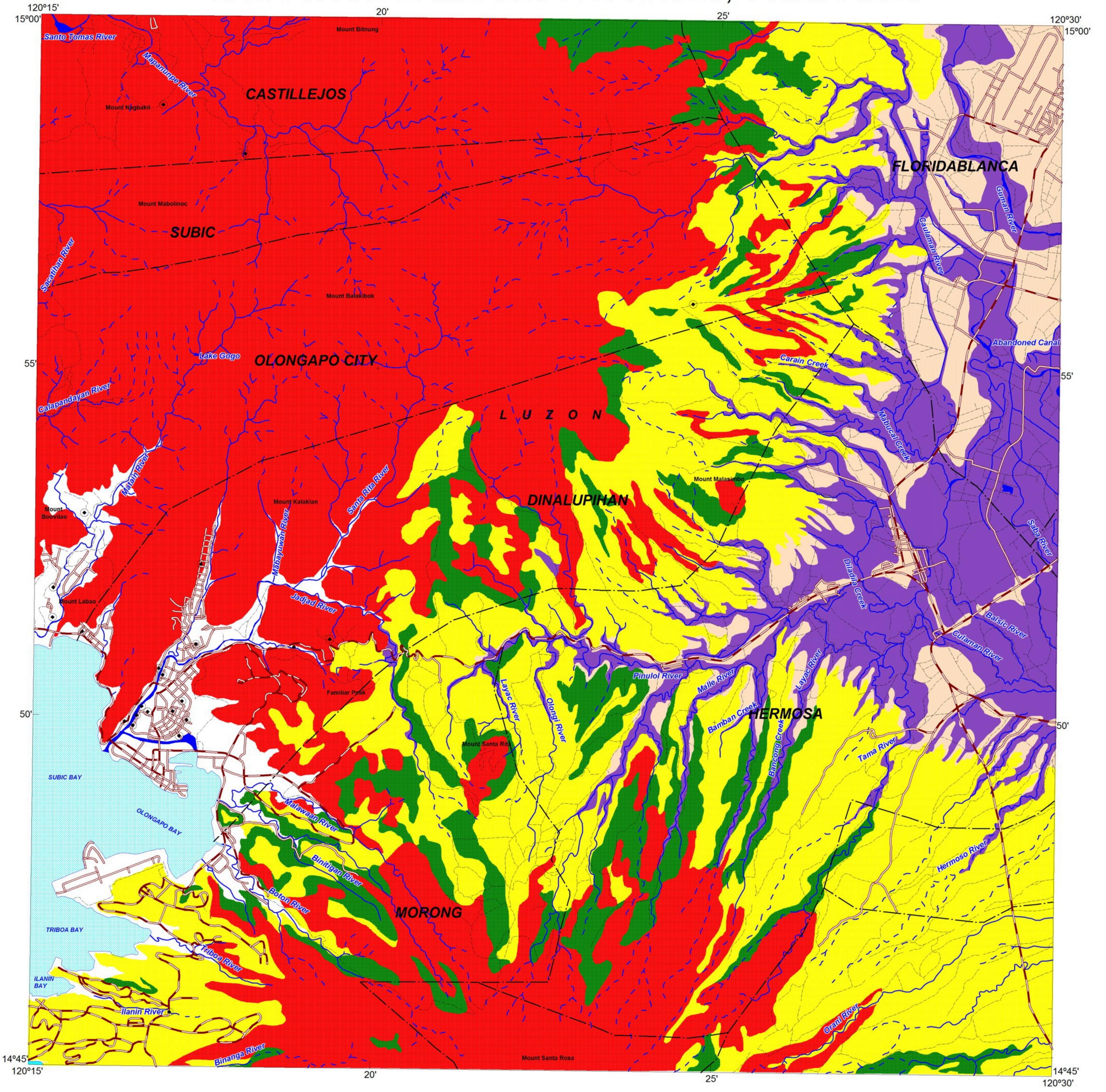
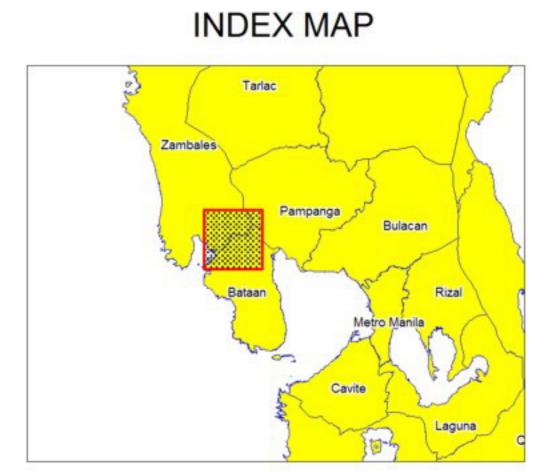
# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF OLONGAPO QUADRANGLE BATAAN AND ZAMBALES PROVINCES, PHILIPPINES





#### LEGEND:

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.

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

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

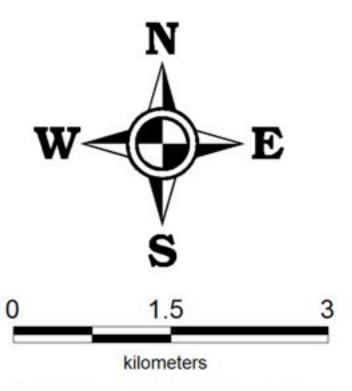
Areas with less than 1.0 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Secondary Road

River

Municipal boundary

Barangay center location



TRANSVERSE MERCATOR PROJECTION MAPPING SCALE 1:50, 000

GIS Processing : Lands Geological Survey Division

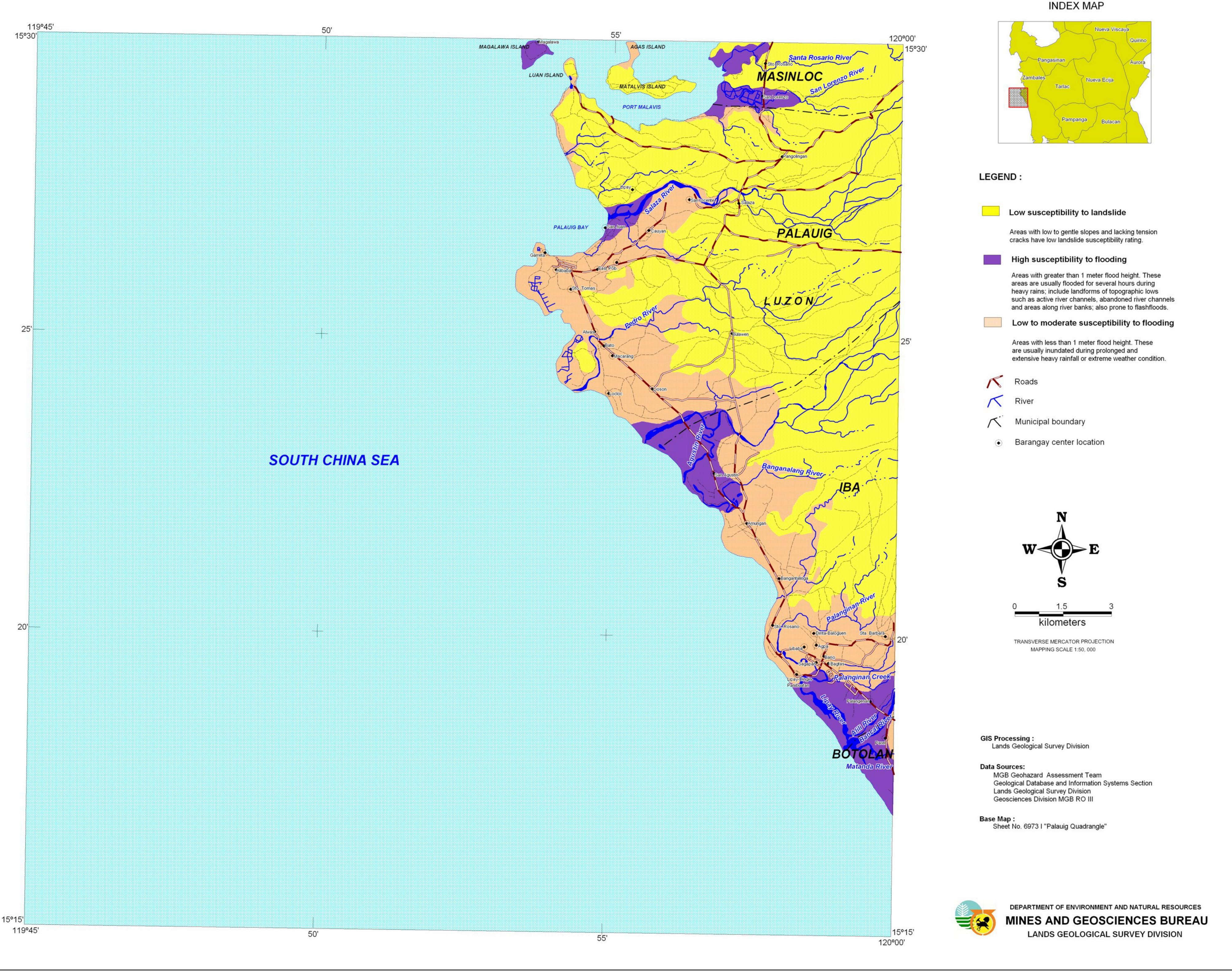
Data Sources:

MGB Geohazard Assessment Team Geological Database and Information Systems Section Lands Geological Survey Division Geosciences Division MGB RO I

Base Map: Sheet No. 7072 I "Olongapo Quadrangle"



# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF PALAUIG QUADRANGLE, ZAMBALES PROVINCE, PHILIPPINES



## LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF INDEX MAP SAN ANTONIO QUADRANGLE, ZAMBALES PROVINCE, PHILIPPINES 120°00' 120°15' SANTO TOMAS RIVER SAN MARCELINO SAN NARCISO ◆ Dallipawan LEGEND: High susceptibility to landslide PROVINCEOFZAMBALES Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that could directly affect the community. Those with steep slopes and drainages that are prone to landslide damming are also highly 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. CAMURA ISLAND CASTILLEJOS Low susceptibility to landslide PUNDAQUIT BAY CAPONES ISALND Areas with low to gentle slopes and lacking tension cracks have low landslide susceptibility rating. High susceptibility to flooding Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during Mount Pundaquit heavy rains; include landforms of topographic lows AGNDEM BAY Mount Maubanban such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods. Low to moderate susceptibility to flooding PROVINCEOFZAMBALES Areas with less than 1 meter flood height. These Mount Casagotan are usually inundated during prolonged and LUZON extensive heavy rainfall or extreme weather condition. Mount Pink Twin Peaks CALAGUAGUIN BAY Municipal boundary Barangay center location Mount Basilio SUBIC TALISAIN BAY Deer Cre PEQUEÑA ISLAND MOUNT REDONDO MAYANGA ISLAND SUBIC BAY NAZASA BAY 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 III PORT SILANGUIN ILANIN BAY Sheet No. 7072 IV "San Antonio Quadrangle" SILANGUIN ISLA CHIQUITA ISLAND

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

MINES AND GEOSCIENCES BUREAU

LANDS GEOLOGICAL SURVEY DIVISION

120°15'

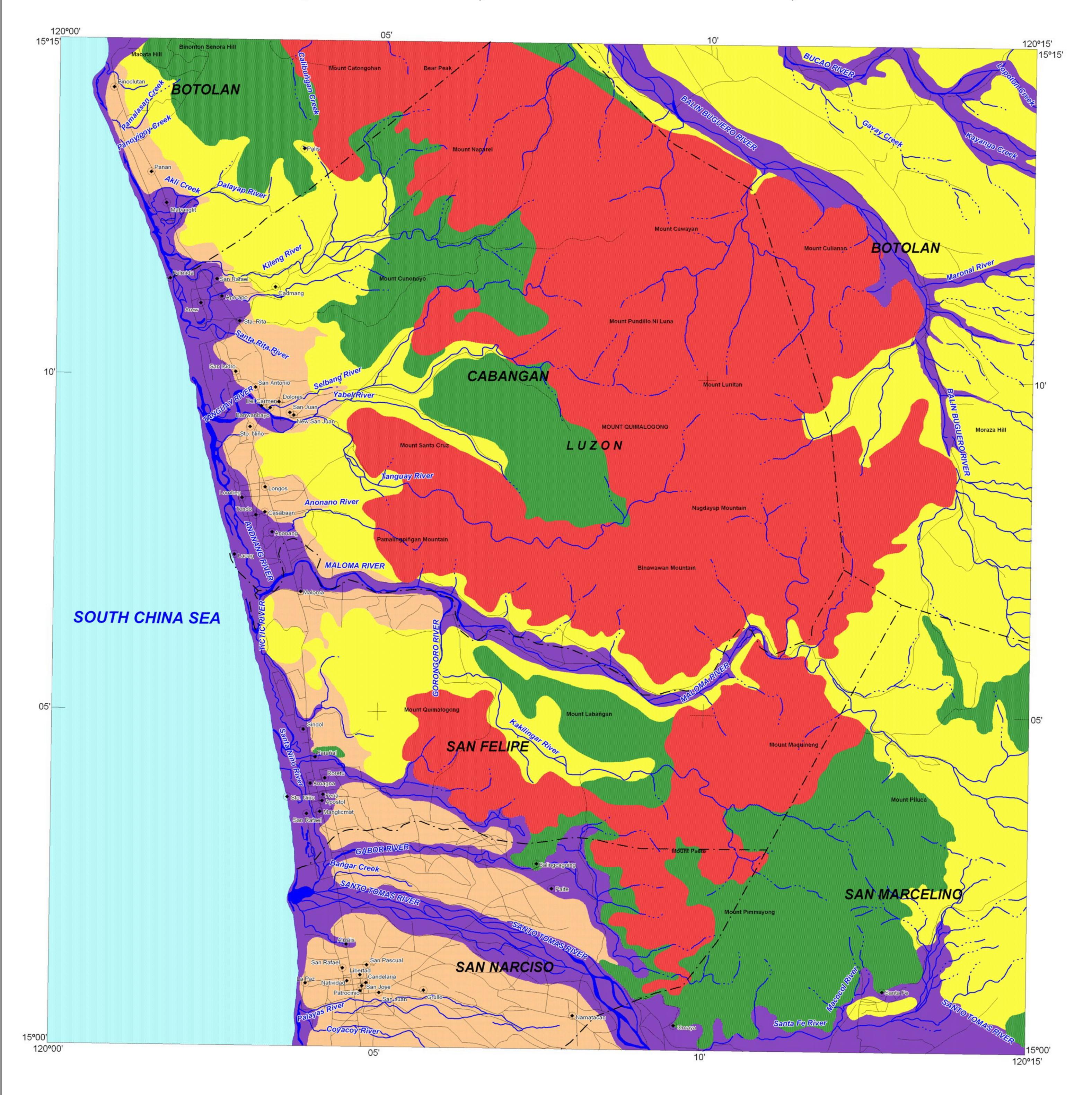
14°45'

120°00'

LAS FRAILES ISLANDS

05'

# LANDSLIDE AND FLOOD SUSCEPTIBILITY MAP OF SAN NARCISO QUADRANGLE, ZAMBALES PROVINCE, PHILIPPINES



INDEX MAP



### LEGEND:

High susceptibility to landslide

Areas with high landslide susceptibility rating have active/recent landslides and tension cracks that could 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.

High susceptibility to flooding

Areas with greater than 1 meter flood height. These areas are usually flooded for several hours during heavy rains; include landforms of topographic lows such as active river channels, abandoned river channels and areas along river banks; also prone to flashfloods.

Low to moderate susceptibility to flooding

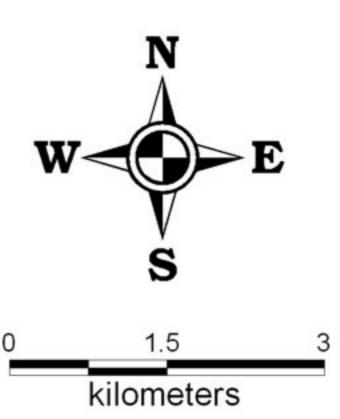
Areas with less than 1 meter flood height. These are usually inundated during prolonged and extensive heavy rainfall or extreme weather condition

Roads

River

Municipal boundary

Barangay hall location



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 III

Base Map :

Sheet No. 7073 III "San Narciso Quadrangle"



# LANDSLIDE FLOOD SUSCEPTIBILITY MAP OF SANTA CRUZ QUADRANGLE PANGASINAN AND ZAMBALES PROVINCES, PHILIPPINES

