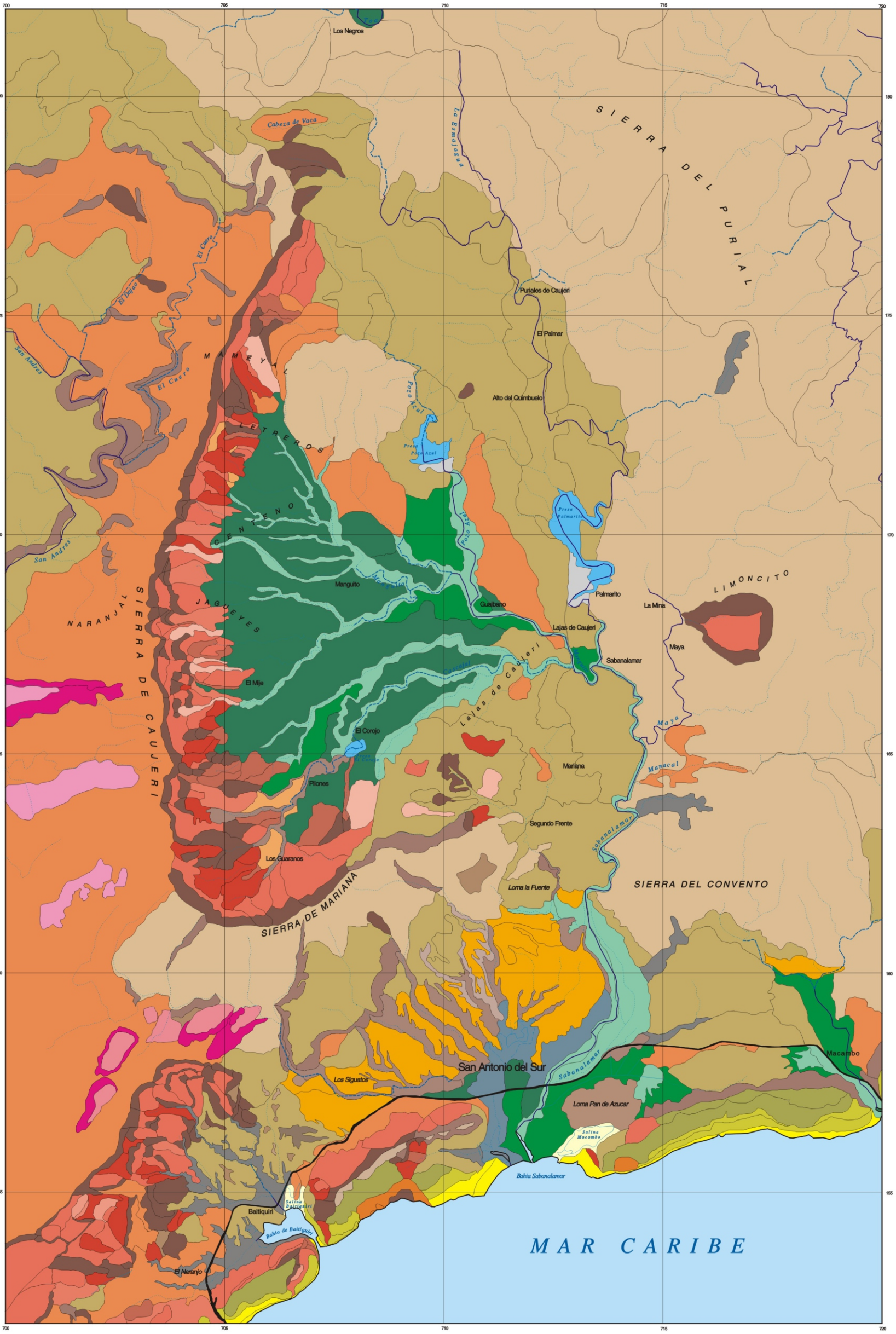
Geomorphological map

San Antonio del Sur, Guantanamo, Cuba

Scale 1:50,000



Geomorphological units

Alluvial Valleys

- Active Floodplain
- Occasional sumerged floodplain
- Exceptional sumerged floodplain
- Brackish water swamp lagoon
- Swamp deposit and lagoon

Denudational units

Denudational ridges

- Wide and predominantly flat
- Moderately wide and sloping
- Narrow
- Remnants of Old planation surface

Denudational slopes

- Remnants of landslides parts
- Slightly dissected
- Slightly to moderately dissected
- Moderately to severely dissected
- Steep to very step slopes
- Isolated slope remnant

Landslides

- Scarp
- Body
- Transport slope
- Combination of scarp-body
- Combination of body-transport slopes
- Depresion
- Initiating
- Combination of more than 2 landslides zones

Denudational Valley

- Infilled valley bottom
- Alluvial coverage

Footslope

- Accumulational deposits
- Erosion on accumulational deposits
- Scarp on accumulational deposits

Denudational marine terraces

- Lower levels
- Intermediate levels
- Higher levels
- Landslides in marine terraces

Structural-Karst units

- Tectonic-Karst depresion, bottom
- Tectonic-Karst depresion, border
- Tectonic-Karst hill

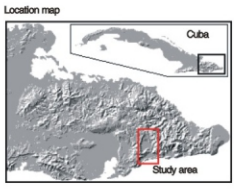
Anthropogenic units

- Storage lake
- Dam
- Salt pan
- Road cuts and embankments

Topography

- Boundary of Geomorphological units
- Coast line
- Natural lake boundary
- Rivers
- Major streams
- Minor streams
- Natural swamp boundary
- Artificial Channel
- Artificial saline boundary
- Pumping line

Location map



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Scale 1:50,000

M 1000 500 0 1 2 Km.

How the map was constructed:

This Geomorphological units map was made using the photointerpretation from aerial photographs at 1:37 000 (1972) and 1:25 000 (1971) respectively. The photointerpretation was checked in the fieldwork area using the same data source. After the fieldwork the units were digitized on the computer screen using the Spot panchromatic image (10 meters resolution) and an anaglyph created with the Spot panchromatic and the Digital Elevation Model. Each unit has a unique code related to a database where several characteristics were recorded. The error map is 1 millimeter corresponding to 50 meters in 1:50000.