BPI Zones

- Crests
- Depressions
- Flats
- Slopes

Asuncion

Well developed crests and depressions formed on the submarine slopes southwest of the island may be evidence of mass wasting from past landslides.

Asuncion is mostly surrounded by crests that extend directly into a steep escarpment.

This submarine depression surrounds deep slopes and may be a transition zone that supports high biodiversity.
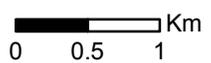
Asuncion Island BPI Zones
10-m grid cell size

NOAA PIFSC Coral Reef Ecosystem Divison, Pacific Islands Benthic Habitat Mapping Center

NOT FOR NAVIGATION

UTM, Zone 55N, WGS84

Km
0   0.5   1

Bathymetric Position Index (BPI) Zones are derived from a focal mean analysis on bathymetry and slope. The BPI scalefactor 250 is used, based on measurements of key reef features evident in the bathymetry and hillshade. Two ranges of slope define flats and slopes: x < 5° and x > 5° respectively. Grayscale elevation data, in meters, are courtesy of USGS. See metadata for more information.