

Figure 4.1. Coastal resource map of Sto. Niño.

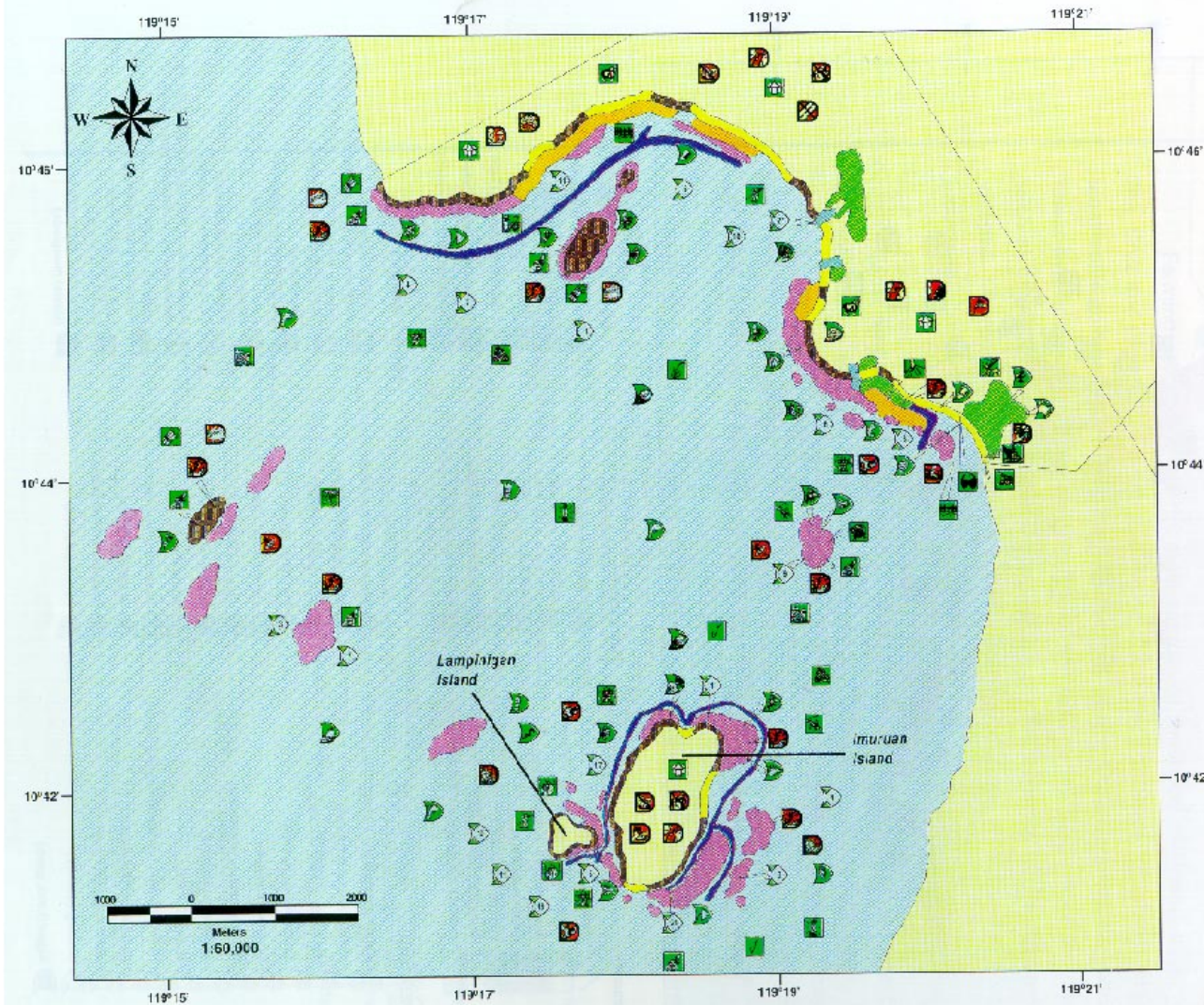
























Figure 4.2. Coastal resource map of Binga.

















Legend:

-  Barangay boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabalutihan)
-  Inshore Reef Flats (Hibasan)
-  Seagrass Beds (Lusayan)
-  Coral Reef (Bahura)
-  Estuary (Bukana)
-  Channels/Passes (Kanal)
-  Mangroves (Bakawan)
-  Terrestrial Zone (Lupa)
-  Marine Zone Dagat

USES (Gamit)

-  Traps (Bubo)
-  Nets (Tambal)
-  Hook & line (Kawil)
-  Spear gun (Pana)
-  Fish corral (Baklad)
-  Gleaning (Panginhee)
-  Squid jigger (Ganti-ganti)
-  Fish jigger (Hapon-hapon)
-  Artificial reef (Arong)
-  Floating fish aggregating devices (Payaw)
-  Fry bulldozer (Sudsod)
-  Set net (Tangab)
-  Explosives (Bungbong)
-  Plant based poison (Tubl)
-  Sodium Cyanide (Sosa)
-  Commercial fishing (Dinagkong Pangisda)
-  Tourism (Turismo)
-  Mariculture (Pearl farm)
-  Marine Sanctuary (Sentuwaryo)
-  Recreational area (Pasyalan)
-  Settlements (Pamayanan)
-  Torch (Pangilaw)

ISSUES (Usapin)

-  Habitat destruction (Pagkawasak ng mga brahan)
-  Outside fishers (Mga dayo na mangingisda)
-  Overfishing (Sobra-sobrang pangisda)
-  Siltation (Banik o putik)
-  Destructive fishing (Mapanirang pangisda)
-  Lack of land tenure (Walang lupa)
-  No alternative livelihood (Walang ibang kabuhayan)
-  Organizational conflicts (Mga problema sa samahan)
-  Lack of fishing implements (Kulang sa ggamit pangisda)
-  Destruction of fish aggregating devices (Nakawan ng isda/pagsira ng payao)
-  No schools (Walang paaralan)
-  Inadequate health care (Kulang sa gamot)
-  Illegal nipa claim (Illegal na pag-angkin ng nipa)
-  Lack of potable water (Kulang sa tubig)
-  No fish traders (Walang namimili)
-  No roads (Walang kalsada)

RESOURCES (Yamang Dagat)

-  1 Jack (Talaktok)
-  2 Spanish mackerel (Tanguige)
-  3 Indian mackerel (Burao)
-  4 Threadfin bream (Bisugo)
-  5 Snapper (Maya-maya)
-  6 Grouper (Lapu-lapu)
-  7 Siganid (Danggit)
-  8 Emperor bream (Kanuping)
-  9 Fusilier (Sulid)
-  10 Anchovy (Dillie)
-  11 Slipmouth (Sapsap)
-  12 Shadow kingfish (Kalapato)
-  13 Round scad (Galunggong)
-  14 Parrotfish (Mulmol)
-  15 Big-eyed scad (Matangbaka)
-  16 Milkfish fry (Bangue)
-  17 Algae (Lato, guso)
-  18 Marine turtle (Pawikan)
-  19 Sea snakes (Ahas)
-  20 Sea birds (Ibon)
-  21 Ray (Pagi)
-  22 Cone shell (Liswi)
-  23 Giant clam (Taki-obo)
-  24 Cowrie (Lumban)
-  25 Fan shell (Tarab)
-  26 Turban shell (Sihi)
-  27 Spider shell (Saang)
-  28 Abalone (Lapas)
-  29 Clam (Punaw)
-  30 Dolphin (Lumba-lumba)
-  31 Whale (Ambuhutan)
-  32 Sea cucumber (Balatan)
-  33 Squid (Pusit)
-  34 Cuttlefish (Tauban)
-  35 Octopus (Pugita)
-  36 Lobster (Banagan)
-  37 Combfish (Pitik)
-  38 Soft-shelled crab (Alimasag)
-  39 Mud crab (Alimango)
-  40 Mangroves (Bakawan)
-  41 Sand/rock (Buhangin/bato)

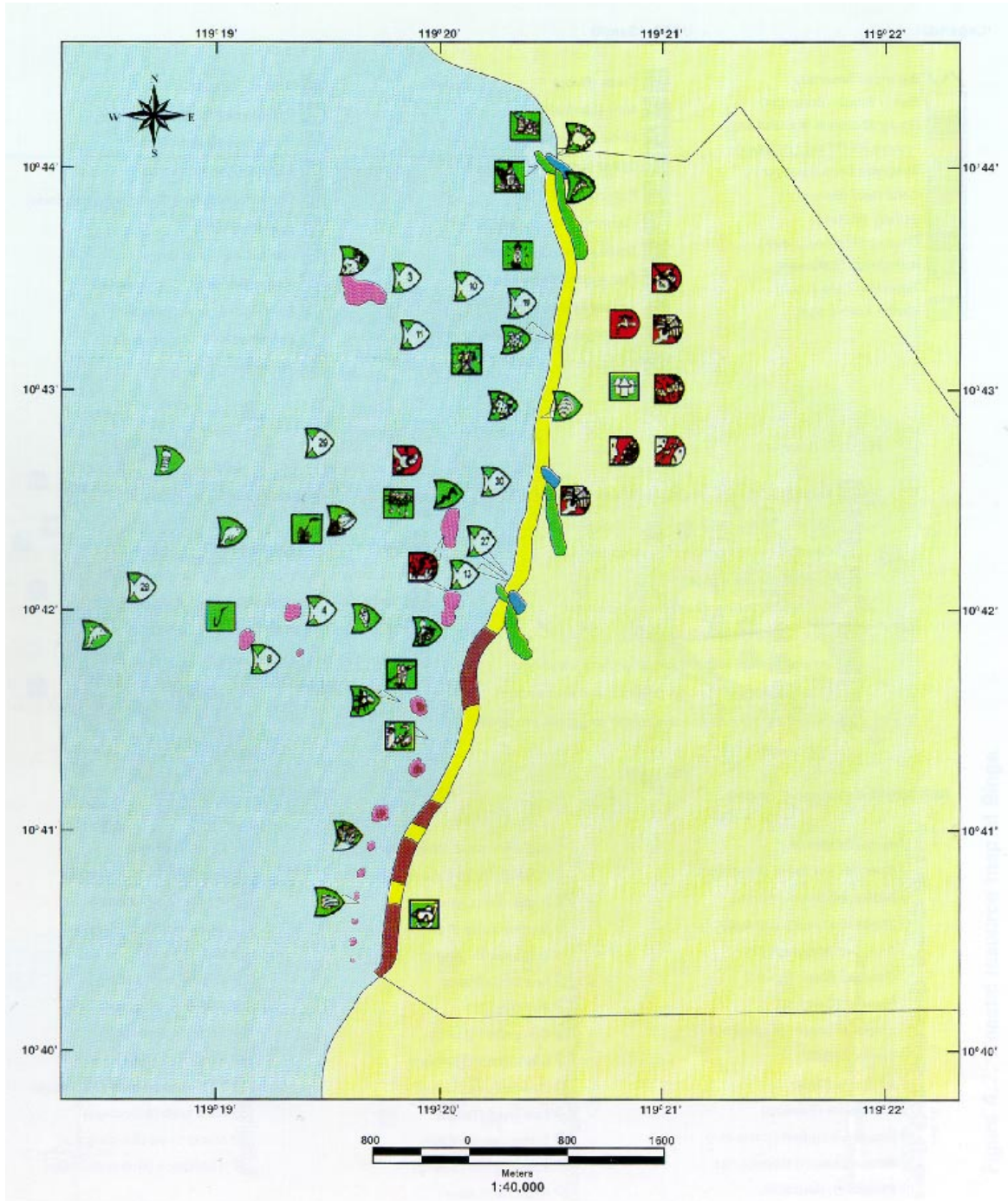


Figure 4.3. Coastal resource map of New Canipo.









Legend:

-  Barangay boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabatuhan)
-  Coral Reef (Dahura)
-  Estuary (Bukana)
-  Mangroves (Bakawan)
-  Terrestrial Zone (Lupa)
-  Marine Zone Dagat





























USES (Gamit)

-  Nets (Lambat)
-  Hook & line (Kawil)
-  Spear gun (Pana)
-  Torch (Pangilaw)
-  Gleaning (Panginhas)
-  Squid jigger (Ganti-ganti)
-  Artificial reef (Arong)
-  Floating fish aggregating devices (Payaw)
-  Fry bulldozer (Sudsod)
-  Set net (Tangab)
-  Recreational area (Pasyalan)
-  Settlements (Pamayanan)

ISSUES (Usapin)

-  Damaged bridges (Sirang tulay)
-  Destruction of fish aggregating devices (Nakawan ng isda/pagsira ng payaw)
-  Habitat destruction (Pagkawasak ng mga tirahan)
-  Illegal nipa claim (Illegal na pag-angkin ng nipa)
-  Inadequate health care (Kulang sa gamot)
-  Lack of fishing implement (kulang sa gamit pangisda)
-  Lack of potable water (Kulang sa tubig)
-  Organizational Conflicts (Mga problema sa samahan)

RESOURCES (Yamang Dagat)

-  Indian Mackerel (Durao)
-  Threadfin broom (Bisugo)
-  Emperor Bream (Kanuping)
-  Anchovy (Dilis)
-  Slipmouth (Sapsap)
-  Mullet (Banak)
-  Needlefish (Baln)
-  Milkfish fry (Bangus)
-  Sardines (Lamban)
-  Gold-streaked scad (Salayginto)
-  Whiting (Asu-os)
-  Algae (Lato, guao)
-  Sea Cow (Dugong)
-  Dolphin (Lumba-lumba)
-  Marine Turtle (Pawikan)
-  Soft-shelled crab (Alimasag)
-  Mud crab (Alimango)
-  Sea snakes (Ahas)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Lobster (Banagan)
-  Combfish (Pitik)
-  Shrimps (Hapon)
-  Cone shell (Liswi)
-  Turban shell (Sihi)
-  Clam (Punaw)
-  Sea birds (Ibon)

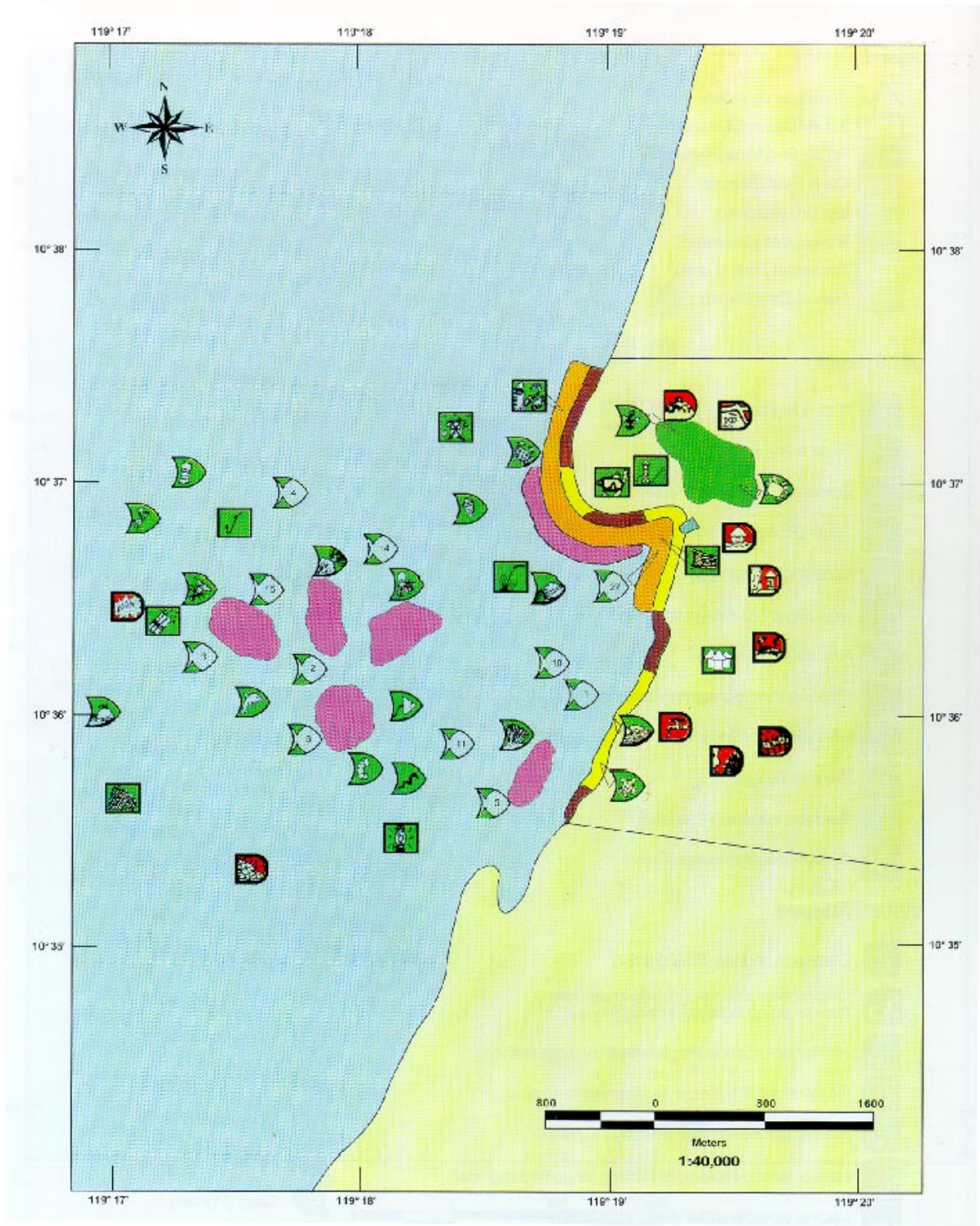


Figure 4.4. Coastal resource map of Alimanguan.











Legend :

-  Barangay Boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabaluhan)
-  Inshore Reef Flats (Hibasan)
-  Coral Reef (Bukana)
-  Estuary (Bukana)
-  Mangroves (Bakawan)
-  Terrestrial Zone (Lupa)
-  Marine Zone (Dagat)

USES (Gamit)

-  Nets (Lambat)
-  Hook & line (Kawil)
-  Gleaning (Panginhas)
-  Torch (Pangilaw)
-  Artificial reef (Arong)
-  Set net (Tangab)
-  Squid jigger (Ganti-ganti)
-  Explosives (Bungbong)
-  Recreational area (Pasyalan)
-  Settlements (Pamayanan)
-  Mine site (Minahan)

ISSUES (Usapin)

-  Mangrove cutting (Pagputol ng bakawan)
-  Setting up fishponds (Pagtayo ng fishponds)
-  Overfishing (Sobra-sobrang pangisda)
-  Destructive fishing (Mapanirang pangisda)
-  Lack of land tenure (Walang lupa)
-  Lack of fishing implements (Kulang sa gamit pangisda)
-  Lack of potable water (Kulang sa tubig)
-  Damaged bridges (Sirang tulay)
-  Selling of lands (Bilihan ng lupa)
-  Floods (Pagbaha)

RESOURCES (Yamang Dagat)

-  Jack (Talakitok)
-  Spanish mackerel (Tanguige)
-  Indian mackerel (Buraog)
-  Threadfin bream (Bisugo)
-  Snapper (Maya-maya)
-  Emperor bream (Kanuping)
-  Anchovy (Diis)
-  Slipmouth (Sapsap)
-  Shadow kingfish (Kalapato)
-  Little tuna (Tulingan)
-  Milkfish fry (Bangus)
-  Algae (Lato, guso)
-  Marine turtle (Pawikan)
-  Sea snakes (Ahas)
-  Sea birds (Ibon)
-  Dolphin (Lumba-lumba)
-  Whale (Ambuhutan)
-  Cone shell (Liswi)
-  Sea cucumber (Balatan)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Soft-shelled crab (Alimasag)
-  Mud crab (Alimango)
-  Lobster (Talaba)
-  Cornfish (Pitik)
-  Mangroves (Bakawan)
-  Ray (Pagi)
-  Sand/rock (Buhangin/bato)

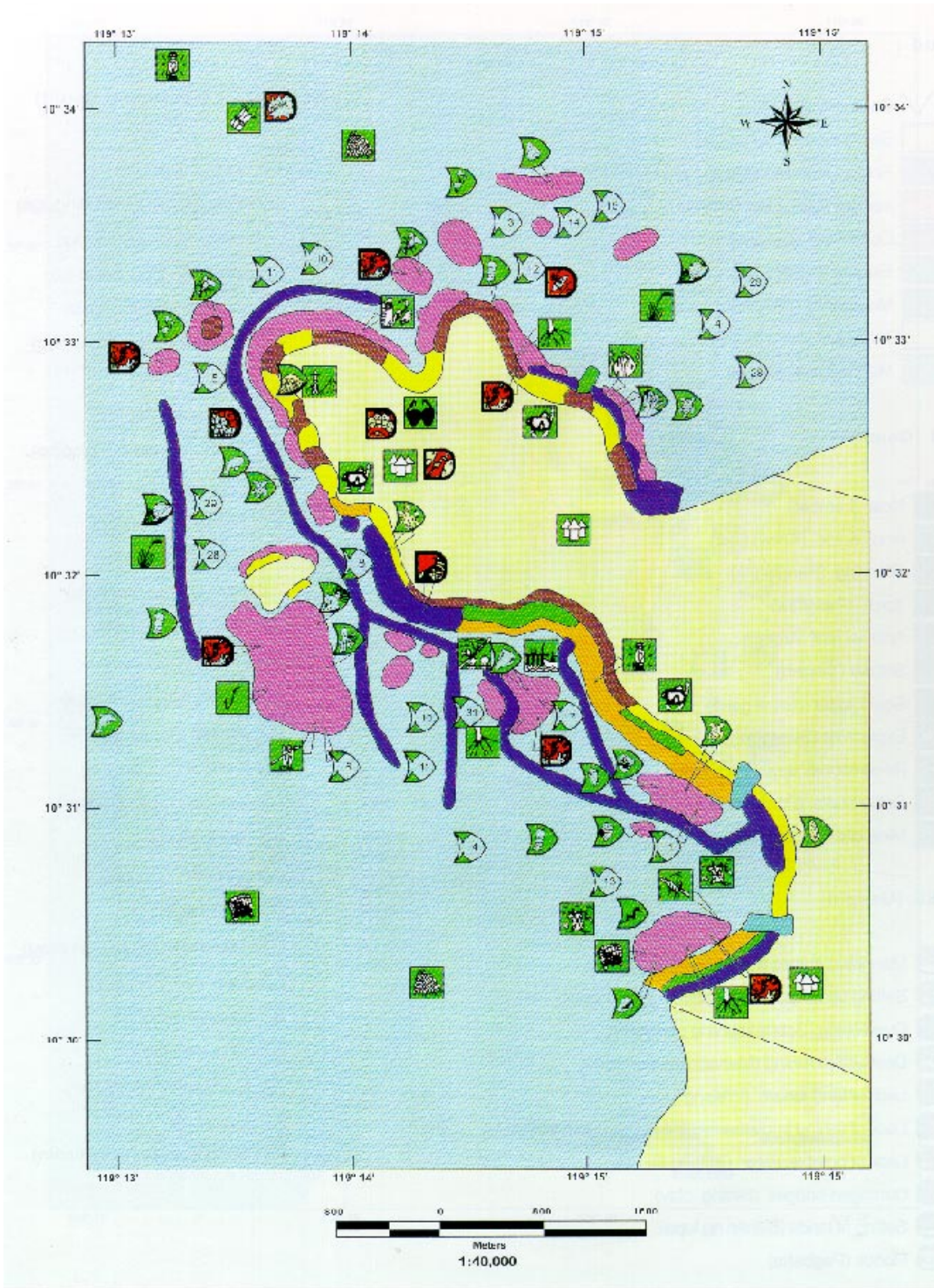


Figure 4.5. Coastal resource map of Poblacion.








Legend :

-  Barangay Boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabatuhan)
-  Inshore Reef Flats (Hibasari)
-  Seagrass Beds (Lusayan)
-  Coral Reef (Bukana)
-  Estuary (Bukana)
-  Channels / Passes (Kanal)
-  Mangroves (Bakawan)
-  Terrestrial Zone (Lupa)
-  Marine Zone (Dagat)

USES (Gamit)

-  Traps (Bubo)
-  Nets (Lambat)
-  Hook & line (Kawli)
-  Spear gun (Pana)
-  Fish corral (Baklad)
-  Torch (Pangilaw)
-  Gleaning (Panglnhas)
-  Squid jigger (Ganti-ganti)
-  Fish jigger (Hipun-hipon)
-  Tourism (Turismo)
-  Mariculture (Pearl farm)
-  Port (Pantalan)
-  Recreational area (Pasyalan)
-  Marine sanctuary (Santuwaryo)
-  Settlements (Pamayanan)
-  Mine site (Minahan)
-  Explosives (Bungbong)
-  Plant-based poison (Tubli)

ISSUES (Usapin)

-  Habitat destruction (Pagkawasak ng mga tirahan)
-  Outside fishers (Mga dayo na mangingisda)
-  Overfishing (Sobra-sobrang pangisda)
-  Pollution (Dumi / basura)
-  Destructive fishing (Mapanirang pangingisda)
-  No alternative livelihood (Walang ibang kabuhayan)
-  Organizational conflicts (Mga problema sa samahan)

RESOURCES (Yamang Dagat)

-  Jack (Talakitok)
-  Indian mackerel (Burao)
-  Threadfin bream (Bisugo)
-  Snapper (Maya-maya)
-  Grouper (Lapu-lapu)
-  Siganid (Danggit)
-  Emperor bream (Kanuping)
-  Anchovy (Dilis)
-  Slipmouth (Sapsap)
-  Silver-spotted grunt (Bakoko)
-  Mullet (Banak)
-  Sardines (Tamban)
-  Gold-streaked scad (Salayginto)
-  Little tuna (Tulingan)
-  Shadow kingfish (Kalapato)
-  Finler Scad (Salay-salay)
-  Algae (Lato guso)
-  Sea cow (Dugong)
-  Dolphin (Lumba-lumba)
-  Marine turtle (Pawikan)
-  Sea snakes (Ahas)
-  Sea birds (Ibon)
-  Oyster (Talaba)
-  Cone shell (I Iswi)
-  Giant clam (Taklobo)
-  Top shell (Samong)
-  Cowrie (Lumban)
-  Brown mussel (Wild tahong)
-  Fan shell (Tarab)
-  Sea cucumber (Balatan)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Lobster (Banagan)
-  Combfish (Pitik)
-  Soft-shelled crab (Alimasag)
-  Sand / rock (Buhangin/bato)

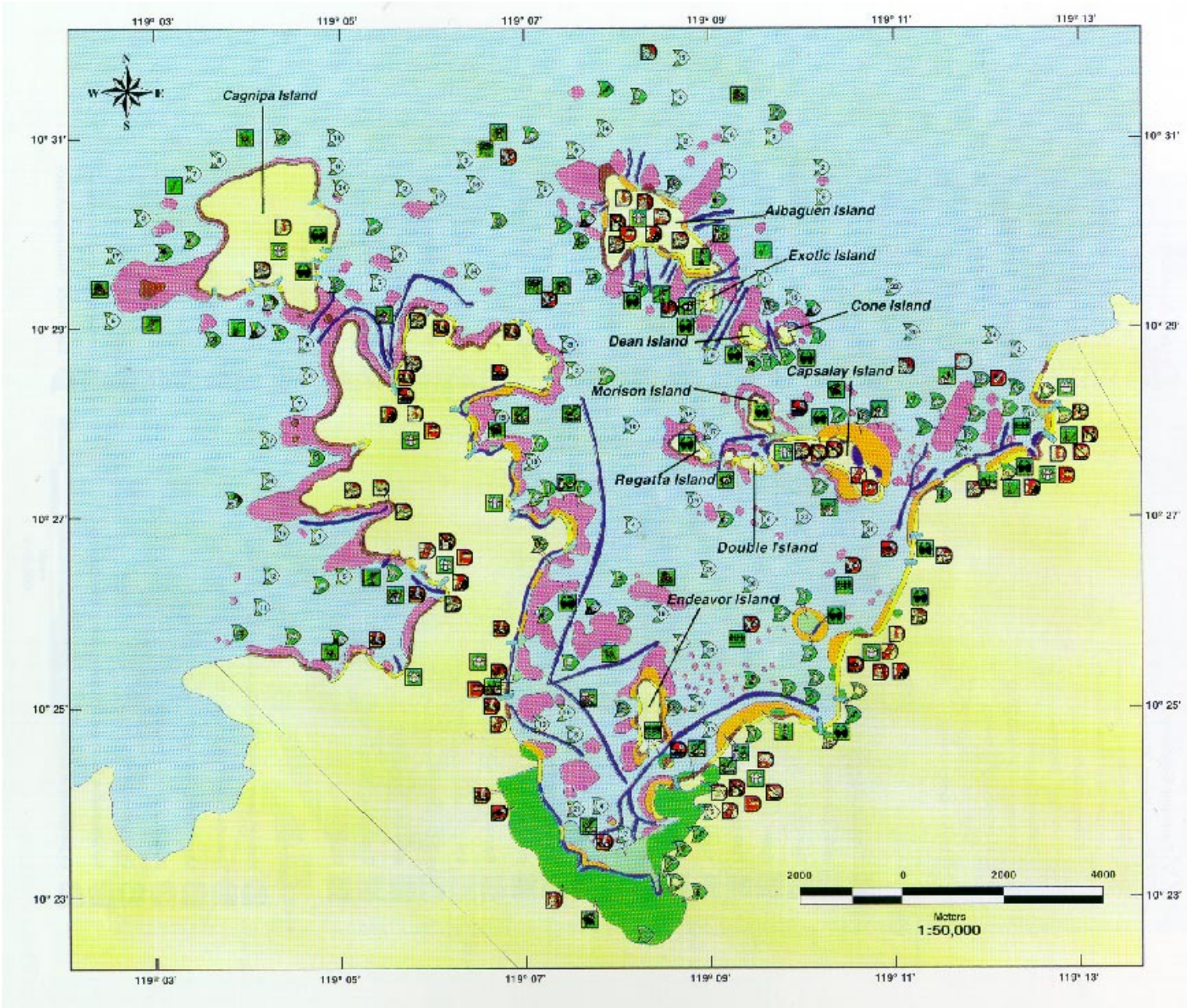


Figure 4.6. Coastal resource map of Port Barton.





















Legend:

-  Barangay Boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabatuhan)
-  Inshore Reef Flats (Hibasan)
-  Seagrass Beds (Lusayan)
-  Coral Reef (Bahura)
-  Estuary (Bukana)
-  Mangroves (Bakawan)
-  Channels/Passes (Kanal)
-  Terrestrial Zone (Lupa)
-  Marine Zone (Dagat)




















































USES (Gamit)

-  Traps (Bubo)
-  Nets (Lambat)
-  Hook & line (Kawil)
-  Spear gun (Pana)
-  Fish corral (Baklad)
-  Torch (Pangilaw)
-  Gleaning (Panginhas)
-  Squid jigger (Ganti-ganti)
-  Fish jigger (Hapon-hipon)
-  Artificial reef (Arong)
-  Floating fish aggregating device (Payaw)
-  Sodium cyanide (Sosa)
-  Commercial fishing (Dinagkong pangingsda)
-  Mariculture (Pearl farm)
-  Marine sanctuary (Santuwaryo)
-  Port (Pantalan)
-  Tourism (Turismo)
-  Recreational area (Pasyalan)
-  Mine site (Minahan)
-  Settlements (Pamayanan)

ISSUES (Usapin)

-  Setting up fishponds (Pagtayo ng fishpond)
-  Habitat destruction (Pagsira ng mga tirahan)
-  Outside fishers (Mga dayo na mangingsda)
-  Overfishing (Sobra-sobrang pangingsda)
-  Siltation (Banlik o putik)
-  Land reclamation (Tambakan)
-  Beach erosion (Baybaying naagnas)
-  Landslides (Pagguho ng lupa)
-  Destructive fishing (Mapanirang pangingsda)
-  Lack of land tenure (Walang lupa)
-  Strict laws (Mahigpit ang batas)
-  No alternative livelihood (Walang ibang kabuhayan)
-  Organizational conflicts (Mga problema sa samahan)
-  Lack of fishing implements (Kulang sa gamit pangingsda)
-  Destruction of fish aggregating devices (Nakawan ng isda/pagsira ng payaw)
-  No schools (Walang paaralan)
-  Inadequate health care (Kulang sa gamot)
-  Illegal nipa claim (Illegal na pag-angkin ng nipa)
-  Lack of potable water (Kulang sa tubig)
-  Restricted access to fishing grounds (Bawal mangingsda)

RESOURCES (Yamang Dagat)

-  Jack (Talakitok)
-  Spanish mackerel (Tangulge)
-  Indian mackerel (Buraog)
-  Threadfin bream (Bisugo)
-  Snapper (Maya-maya)
-  Grouper (Lapu-lapu)
-  Siganid (Danggit)
-  Emperor bream (Kanuping)
-  Fusilier (Sulid)
-  Anchovy (Dilis)
-  Slipmouth (Sapsap)
-  Silver-spotted grunt (Bakoko)
-  Mullet (Banak)
-  Little tuna (Tullangan)
-  Shadow kingfish (Kalapato)
-  Round scad (Galunggong)
-  Parrotfish (Mulmol)
-  Yellow-backed fusilier (Dalagang-bukid)
-  Needlefish (Balo)
-  Cutlassfish (Espada)
-  Snapper (Mangagat)
-  Mackerel (Hasa-hasa)
-  Hardtailed scad (Paktan)
-  Big-eyed scad (Matambaka)
-  Yellowfin tuna (Tambakol)
-  Goatfish (Salmolette)
-  Marine turtle (Pawikan)
-  Sea snakes (Ahas)
-  Algae (Lato, guso)
-  Sea cow (Dugong)
-  Dolphin (Lumba-lumba)
-  Whale (Ambuhutan)
-  Sea birds (Ibon)
-  Oyster (Talaba)
-  Cone shell (Liswi)
-  Giant clam (Taklobo)
-  Shrimps (Hipon)
-  Lobster (Banagan)
-  Combfish (Pitik)
-  Sea cucumber (Balatan)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Soft-shelled crab (Alimasag)
-  Mud crab (Alimango)
-  Mangroves (Bakawan)
-  Sand/rock (Buhangin/bato)
-  Top shell (Samong)
-  Cowrie (Lumban)
-  Pearl oyster (Tipay)
-  Fan shell (Tarab)
-  Turban shell (Sihi)
-  Spider shell (Saang)
-  Abalone (Lapas)
-  Clam (Punaw)

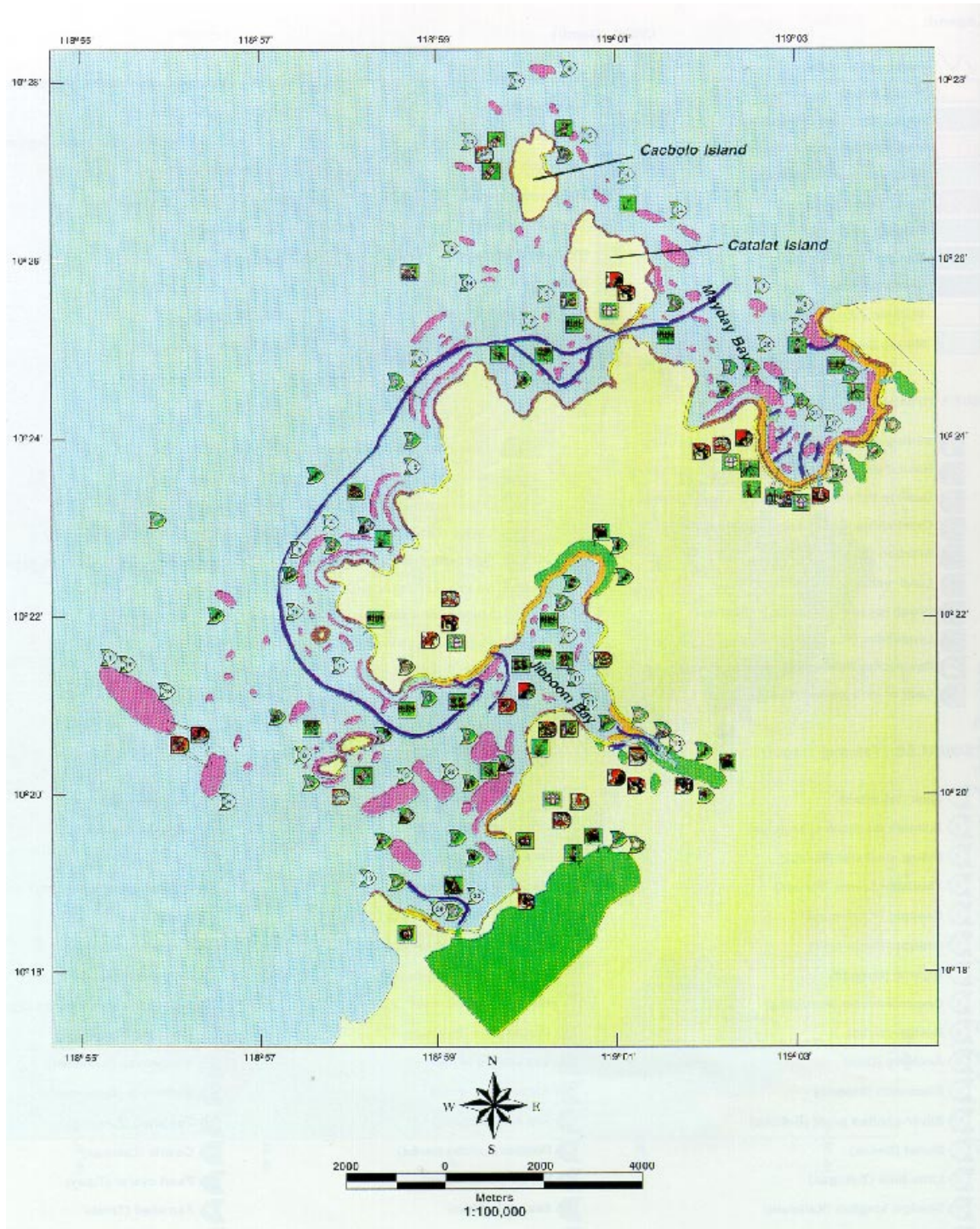















Figure 4.7. Coastal resource map of Caruray.

Legend:

-  Barangay Boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabatuhan)
-  Inshore Reef Flats (Hibasari)
-  Seagrass Beds (Lusayan)
-  Coral Reef (Bahura)
-  Estuary (Bukana)
-  Mangroves (Bakawan)
-  Channels/Passes (Kanal)
-  Terrestrial Zone (Lupa)
-  Marine Zone (Dagat)

ISSUES (Usapin)

-  Destructive fishing (Mapanirang pangingsida)
-  Inadequate health care (Kulang sa gamot)
-  Beach erosion (Baybaying naagnas)
-  Habitat destruction (Pagkawasak ng mga tirahan)
-  Lack of fishing implements (Kulang sa gamit pangisda)
-  Lack of land tenure (Walang lupa)
-  Illegal nipa claim (Illegal na pag-angkin ng nipa)
-  Landslides (Pagguho ng lupa)
-  Organizational conflicts (Mga problema sa samahan)
-  Siltation (Banlik o putik)
-  Pollution (Dumi/basura)
-  No alternative livelihood (Walang ibang kabuhayan)
-  Outside fishers (Mga dayo na mangingsida)

USES (Gamit)

-  Traps (Bubo)
-  Nets (Lambat)
-  Hook & line (Kawil)
-  Spear gun (Pana)
-  Fish corral (Baklad)
-  Torch (Pangllaw)
-  Gleaning (Panginhas)
-  Squid jigger (Canti-ganti)
-  Fish jigger (Hipon-hipon)
-  Artificial reef (Arong)
-  Seaweed farm (Tambalang)
-  Floating fish aggregating devices (Payaw)
-  Fry bulldozer (Sudsod)
-  Explosives (Bungbong)
-  Plant-based poison (Tuhli)
-  Sodium cyanide (Sosa)
-  Commercial fishing (Dinagkong pangisda)
-  Port (Paritalan)
-  Recreational area (Pasyalan)
-  Mine site (Minahan)
-  Settlements (Pamayanan)

RESOURCES (Yamang Dagat)

-  Jack (Talakitok)
-  Indian mackerel (Buraog)
-  Threadfin bream (Bisugo)
-  Snapper (Maya maya)
-  Grouper (Lapu-lapu)
-  Siganid (Danggit)
-  Emperor bream (Kanuping)
-  Fusilier (Sulid)
-  Anchovy (Dilis)
-  Slipmouth (Sapsap)
-  Little tuna (Tulingan)
-  Mullet (Banak)
-  Shadow kingfish (Kalapato)
-  Round scad (Galunggong)
-  Parrotfish (Mulmol)
-  Yellow-backed fusilier (Dalagang-bukid)
-  Cutlassfish (Espada)
-  Snapper (Mangaqat)
-  Mackerel (Hasa-hasa)
-  Sardines (Tamban)
-  Finler scad (Salay-salay)
-  Threadfin bream (Sagisi)
-  Algae (Lato, guso)
-  Sea birds (Ibon)
-  Marine turtle (Pawikan)
-  Crocodile (Buwaya)
-  Sea snakes (Ahas)
-  Oyster (Talaba)
-  Cone shell (Liswi)
-  Giant clam (Taklobo)
-  Top shell (Samong)
-  Cowrie (Lumban)
-  Pearl oyster (Tipay)
-  Fan shell (Tarab)
-  Turban shell (Sih)
-  Spider shell (Saang)
-  Abalone (Lapas)
-  Clam (Punaw)
-  Shrimps (Hipon)
-  Lobster (Banagan)
-  Combfish (Pitik)
-  Soft-shelled crab (Alimasag)
-  Mud crab (Alimango)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Dolphin (Lumba-lumba)
-  Mangroves (Bakawan)
-  Sand/Rock (Buhangin/bato)

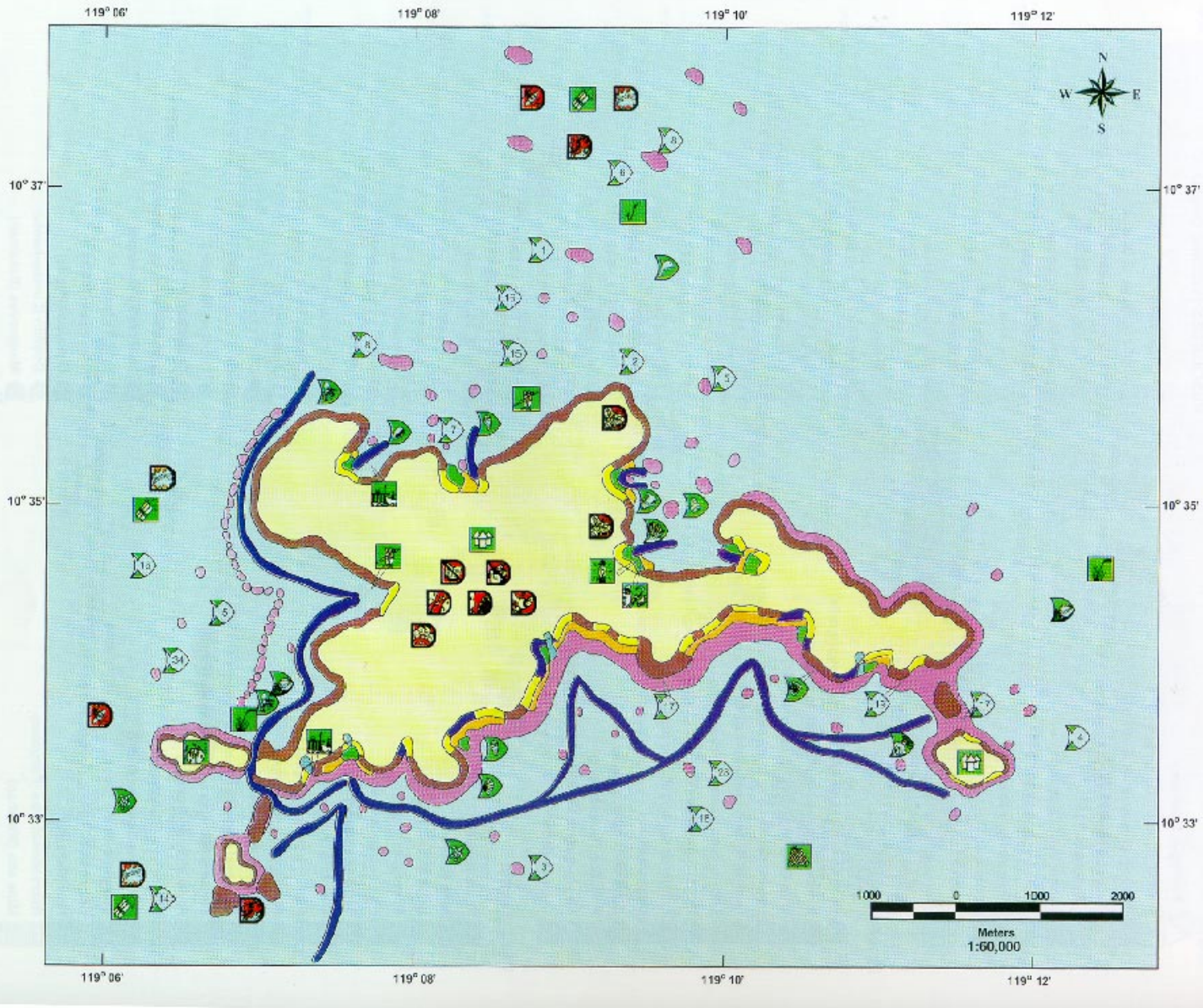


Figure 4.8. Coastal resource map of Boayan, Island.











Legend :

-  Barangay Boundary
-  Sandy Beach (Buhangin)
-  Rocky Shoreline (Kabatuhan)
-  Inshore Reef Flats (Hibasang)
-  Seagrass Beds (Lueayan)
-  Coral Reef (Bahura)
-  Estuary (Bukana)
-  Channels/Passes (Kanal)
-  Mangroves (Rakawan)
-  Terrestrial Zone (Lupa)
-  Marine Zone (Dagat)





























USES (Gamit)

-  Nets (Lambat)
-  Hook & line (Kawil)
-  Spear gun (Pana)
-  Torch (Pangilaw)
-  Gleaning (Panginhas)
-  Squid jigger (Ganti-ganti)
-  Explosives (Bungbong)
-  Port (Pantalan)
-  Marine sanctuary (Santuwaryo)
-  Settlements (Pamayanan)

ISSUES (Usapin)

-  Habitat destruction (Pagkawasak ng mga tirahani)
-  Outside fishers (Mga dayo na mangingisda)
-  Landslides (Paggiho ng lupa)
-  Destructive fishing (Mapanirang pangngisda)
-  No alternative livelihood (Walang ibang kabuhayan)
-  Organizational conflicts (Mga problema sa samahan)
-  Lack of fishing implements (Kulang sa gamit pangisda)
-  Destruction of fishing aggregating devices (Nakawan ng isda/pagsira ng payao)
-  No schools (Walang paaralan)
-  Inadequate health care (Kulang sa gamot)

RESOURCES (Yamang Dagat)

-  Jack (Talakitok)
-  Spanish mackerel (Tanguige)
-  Indian mackerel (Burao)
-  Threadfin bream (Bisugo)
-  Snapper (Maya-maya)
-  Grouper (Lapu-lapu)
-  Threadfin bream (Sagisi)
-  Siganid (Danngit)
-  Emperor bream (Kanuping)
-  Sardines (Tamban)
-  Little tuna (Tulingan)
-  Shadow kingfish (Kalapato)
-  Round scad (Galunggong)
-  Parrotfish (Mulmol)
-  Yellow-backed fusilier (Dalagang bukid)
-  Needlefish (Balo)
-  Algae (Lato, guso)
-  Marine turtle (Pawikan)
-  Oyster (Talaba)
-  Cone shell (Liswi)
-  Giant clam (Takloho)
-  Top shell (Samong)
-  Cowrie (Lumban)
-  Fan shell (Torab)
-  Squid (Pusit)
-  Cuttlefish (Tauban)
-  Octopus (Pugita)
-  Dolphin (Lumba-lumba)

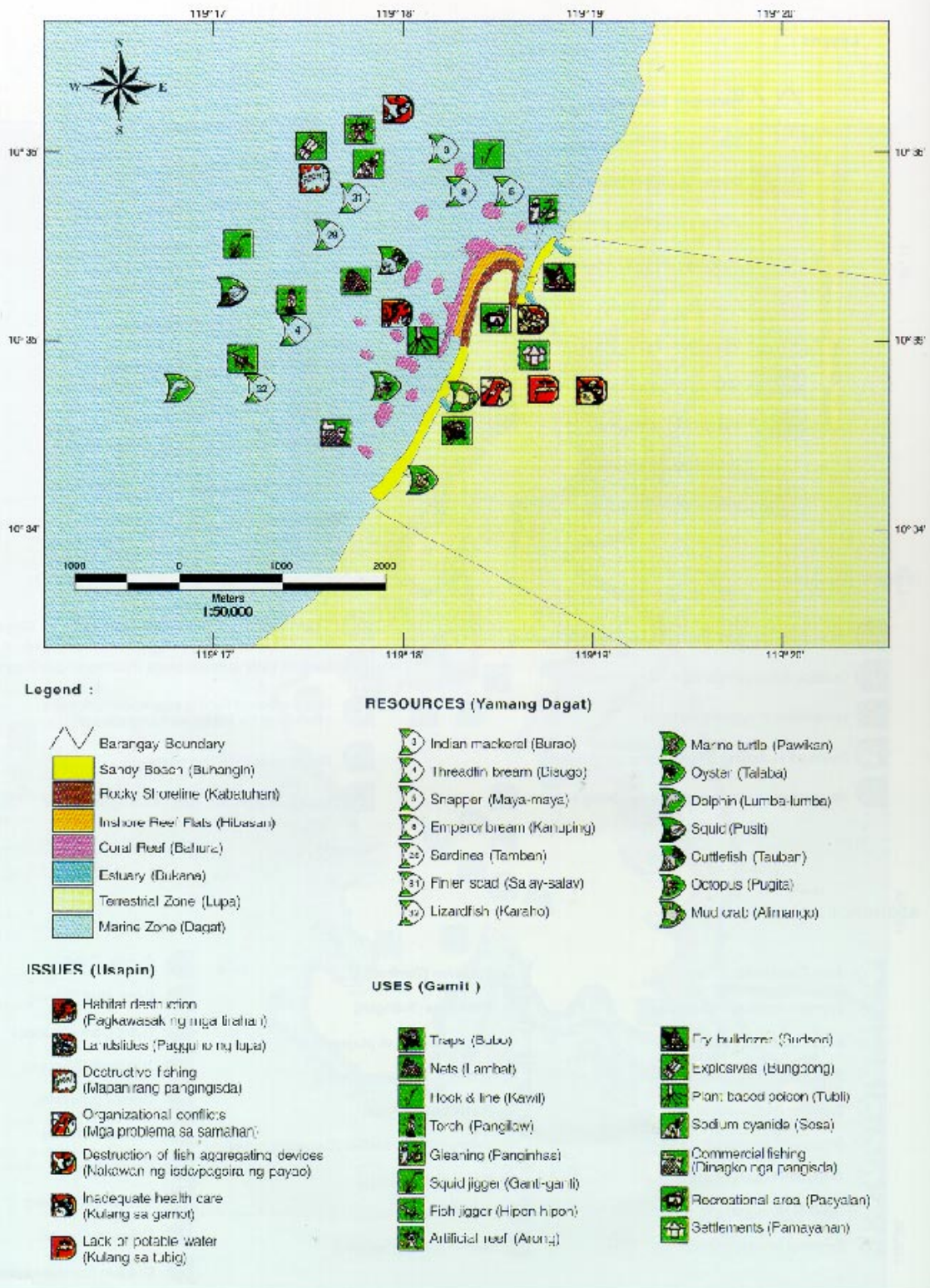


Figure 4.9. Coastal resource map of San Isidro.

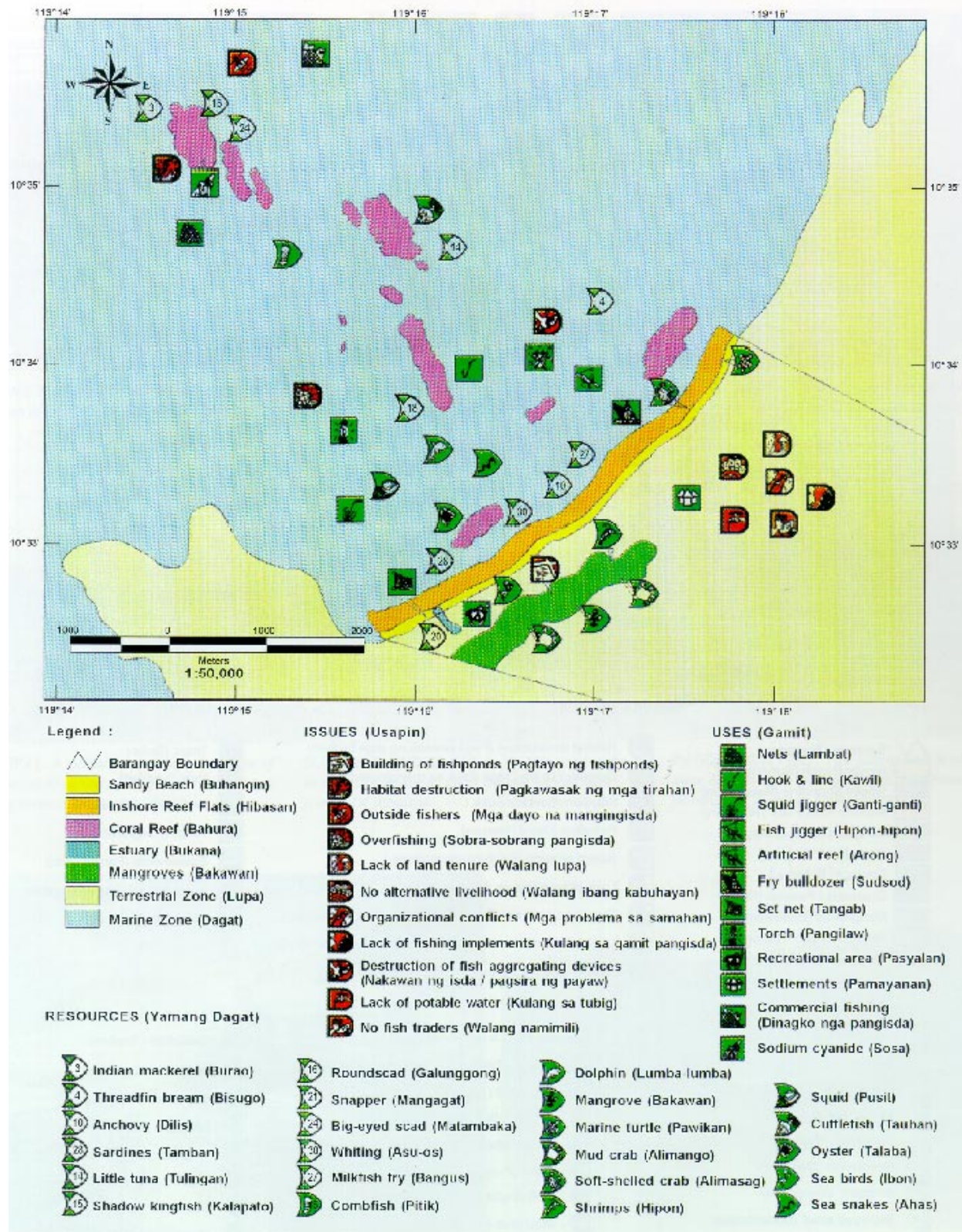


Figure 4.10. Coastal resource map of New Agutaya.

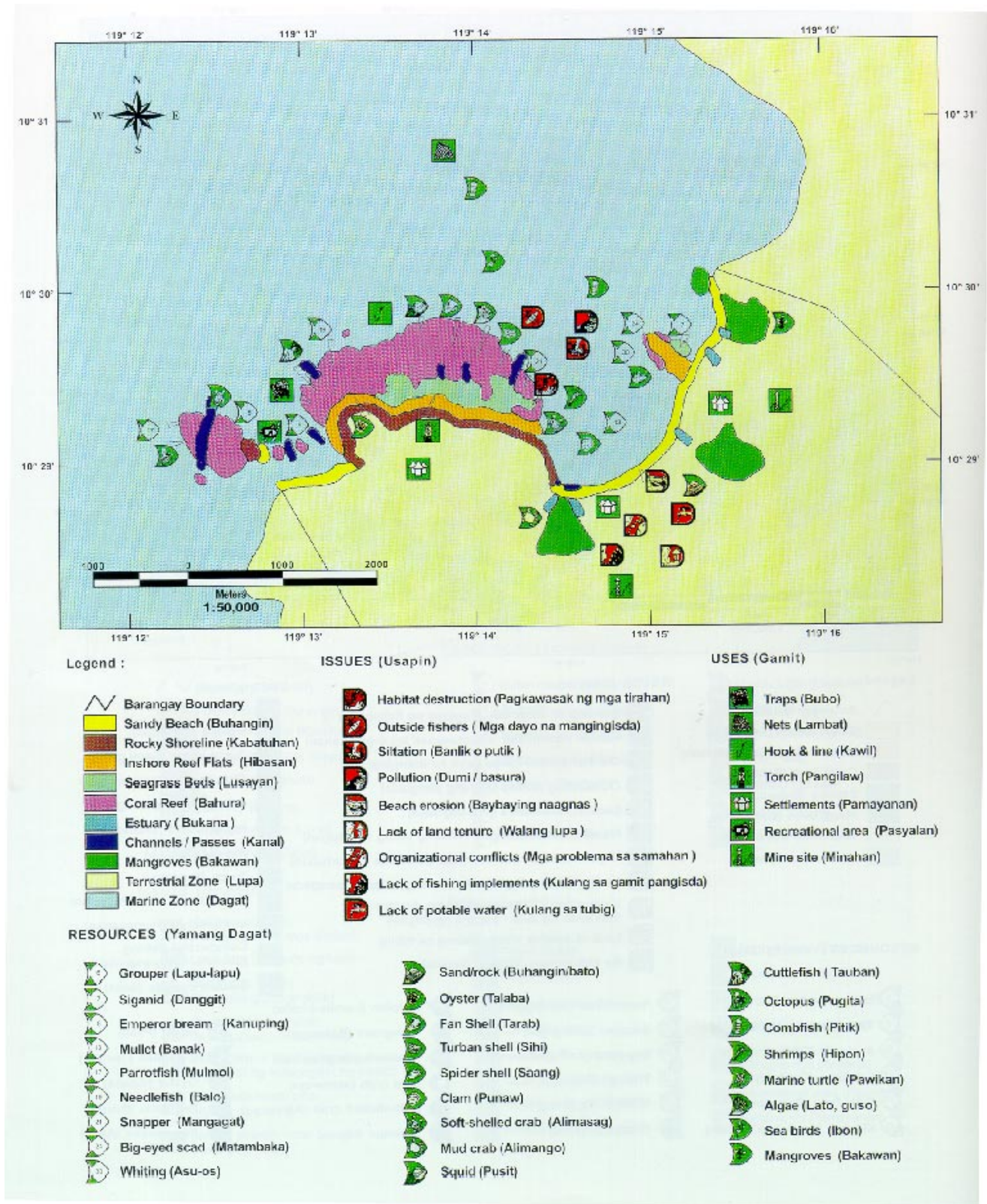


Figure 4.11. Coastal resource map of New Villafria.



WOMAN'S WORLD. Women fishers do their share in mapping the coastal resources of Old Site in Barangay Caruray.



YOUNG TOWN. San Vicente has a relatively young population. In 1990, nearly 65% of residents belonged to the 0-24 age bracket, according to the Municipal Planning and Development Office.



SAIL AWAY. A tourist boat sits on the shore of Port Barton at sunset after a day's work ferrying visitors to nearby islands.



SUN, SAND AND SEA. There's white sand as far as the eye can see at Long Beach, viewed here from New Agutaya.



PADDLE AND PLAY. Two young boys paddle their bancas near the mouth of a mangrove river flowing out to sea in New Agutaya.



TAKE FIVE. Members of the PCRA team take a breather at the blowhole on Garcia Island, facing the open sea, in Barangay Caruray.



GOD-GIVEN HIGHWAY. Fishing boats making their way along the placid waters of a mangrove river is a familiar sight at the Old Site in Barangay Caruray.



REEF CHECK. Teddy Mandal (left) and Dong-dong Alarde, two of the members of the PCRA team, compute the results of their participatory assessment of coral reefs on a plastic slate as soon as they get out of the water. Local fishers who accompany the PCRA team members in conducting habitat assessment learn to monitor the changes in the marine environment from the activity.



SHELL POWER. The tarab or fan shell is one of the commercially important resources found in the coastal area of San Vicente.



DOWNSIDE OF DEVELOPMENT. Mining for silica and the construction of a pier have caused siltation and beach erosion in sitio Sta. Cruz, Barangay Caruray.



SILICA TROUBLE. Development causes pollution from an exposed silica mine in Naonao, Port Barton.



SEA GARDEN. Staffers of the Technical Assistance Office check out the seaweed farm in Gawid, one of the sitios of Caruray.



ONE BOAT TOO MANY. Commercial fishing boats, such as this one, have been blamed for the rapid depletion of coastal resources all over the Philippines.



THE PLACE THEY CALL HOME. Many fishers live in wooden shacks on the water. This settlement is located in Pagdanan, Barangay Port Barton.



LOCALS KNOW BEST. Participants help the PCRA team identify the various resources they have listed in the barangay maps.



SOILED SEA. Lack of toilets and pollution from domestic wastes are major concerns in San Vicente, where many migrants have settled along beach fronts that are not reached by government programs.



HOMEGROWN LEADERS. Community leaders from various villages take turns shading the coastal resource map of San Vicente during the municipal PCRA training at the Poblacion.