

Why is land use what it is?



Wahig-Inabanga
Watershed

SouthEast Asia
Philippines

Mean annual
Rainfall: ~2,000

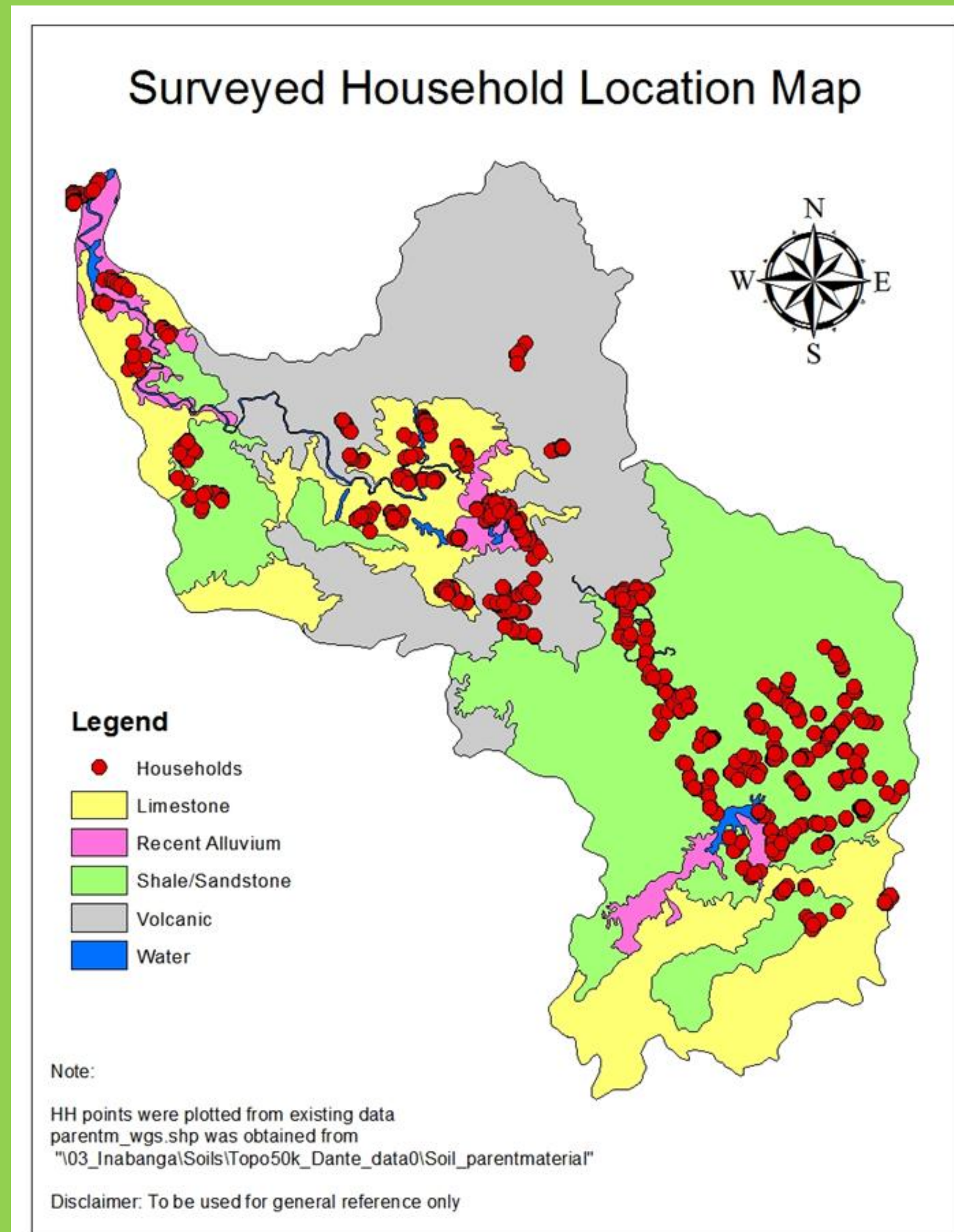


Figure 1. Parent Soil Representation of Household survey (ACIAR Project, 2014)

Wahig-Inabanga Watershed is 65,000 hectares of land area which covers a total of 16 municipalities in the island province of Bohol. Majority of the economic activities in the area is agricultural land which is supported by the largest water reservoir in the Central Visayas Region, Malinao Dam in Pilar, Bohol. The main produce are rice, root crops and corn.

The watershed communities are composed of native *Boholanos* and an indigenous tribe of the *Eskaya* in the upland mountains of Pilar Town. The most common agricultural produce of the communities are rice, corn, cassava, ube, vegetables and fruit trees. The land is predominantly rolling hills with a composite of parent soil materials. Among the soil parent material identified are: (i) limestone; (ii) recent alluvium; (iii) shale/sandstone and; (iv) volcanic (Figure 1).

- Agricultural development on sloping lands of the island is largely driven by the increasing population, demand for food and livelihood security.
- One of the prominent driver of development is geared towards meeting the demand and catering to foreign and local tourism, which averaged 566,652 tourists coming in 2011.
- To maximize income from tourism, various organizations have developed ecotourism and adventure parks in the watershed area.

This enables the protection of the forest reserve as well as develops sustainable agriculture practice.

- This is also supported by an extensive water reservoir which has an estimated discharge of 1.5 million metric ton during the wet seasons and decreases to 600,000 in the dry season, enabling rice production to increase substantially.
- Rice sufficiency has increased enough for exportation, Korean Milling Company have invested on post-harvest facilities in 2012.



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Sustainable Development
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