

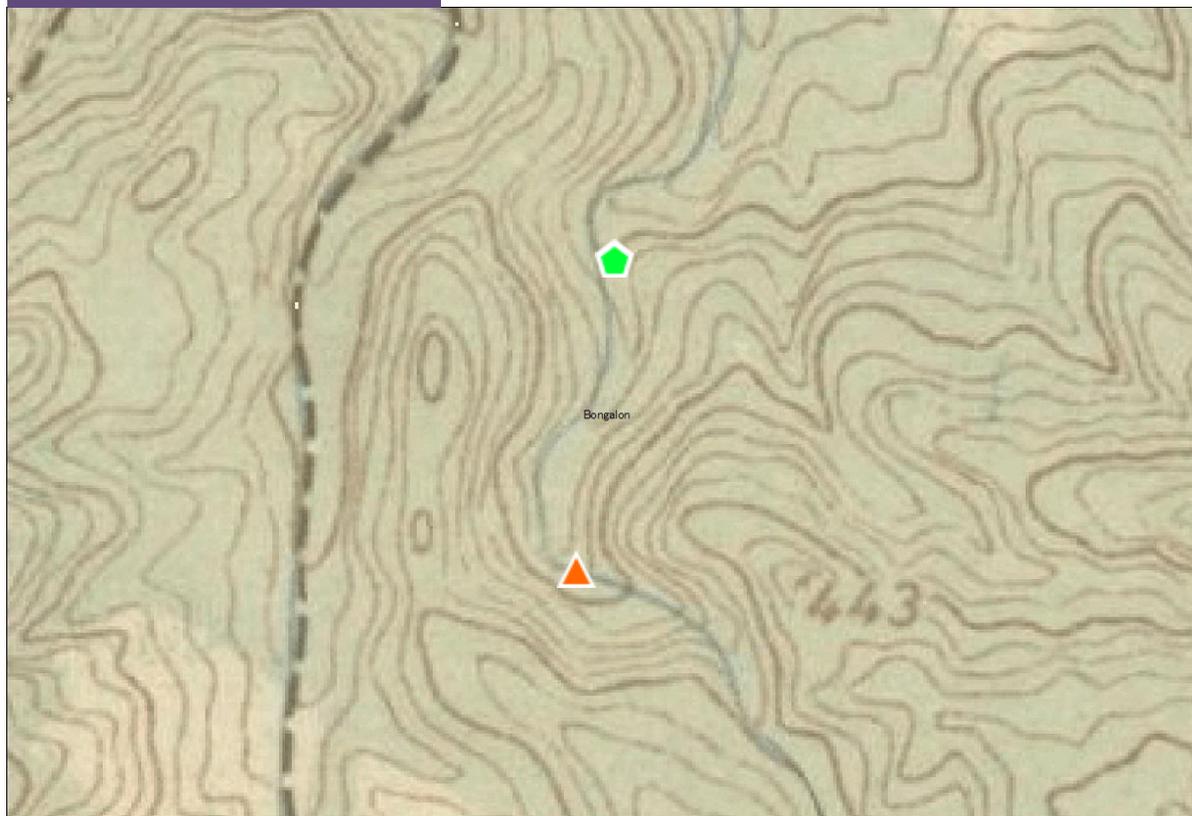
# HYDROPOWER PRE-DETERMINED AREAS

## AREA NO. 15 - COYAOYAO (UPPER CASCADE)

### PROFILE

**Project Name** : Coyaoyao (Upper Cascade)  
**Potential Capacity** : 0.22MW  
**Type** : Run of river  
**River Source** : Sibaguan  
**Location**  
    **Region** : Bicol Region (V)  
    **Province** : Camarines Sur  
    **Municipality** : Sagnay  
**Coordinates**  
    **Weir/Dam** : 13° 32' 05" N, 123° 32' 29" E  
    **Powerhouse** : 13° 32' 20" N, 123° 32' 12" E  
**Catchment Area** : 3.93km<sup>2</sup>  
**Effective Head** : 62m  
**Discharge** : 0.4m<sup>3</sup>/s  
**Remarks** : In a cascade system

### LOCATION MAP



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### BACKGROUND

- The Hydropower Service Contract (HSC) which previously covered the development of the project was awarded on 19 February 2010 and was eventually terminated on 25 September 2015.
- The HSC was terminated due to the RE Developer's failure to comply with the approved work program and obligations under the HSC. Further, the HSC expired on its own term.
- The Feasibility Study and Engineering Design were undertaken by ProClean Construction and Energy Consultancy in 2009.

