
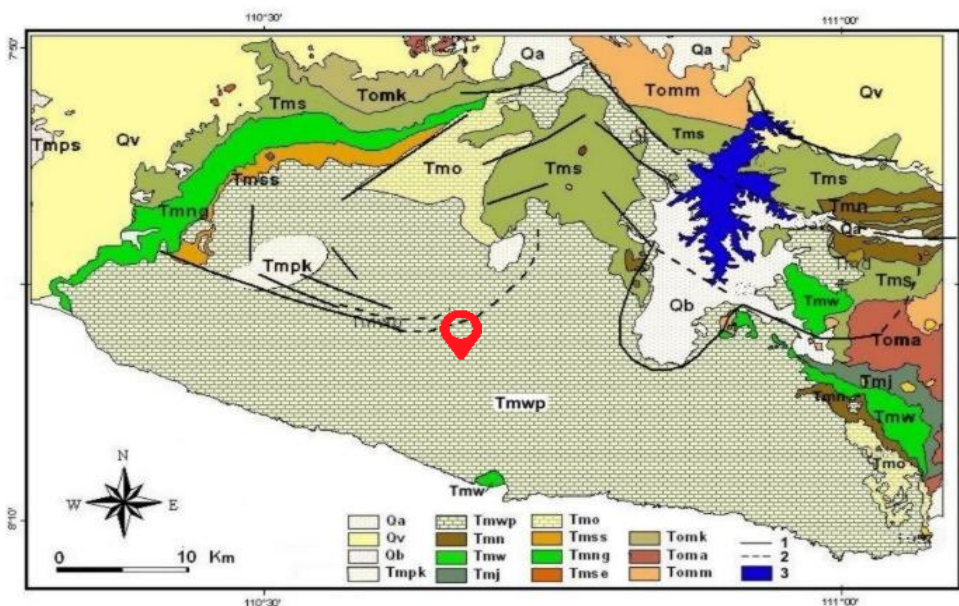


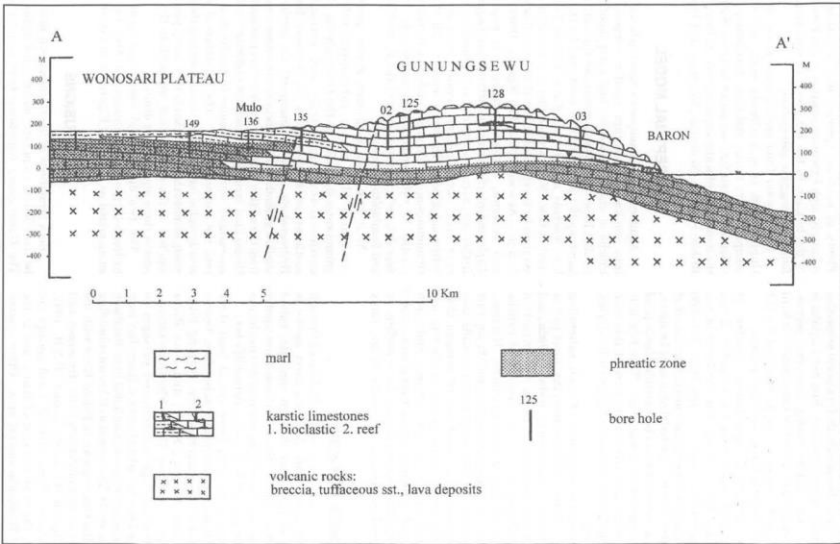


Country	MIKAS springs	Coordinates / Nearby City	Spring discharge (Q in l/s, min/av/max) / tapped or not	Criteria* in order / Main justification */ H-historic, A-aesthetic, S-scientific, E-Economic, Ec-ecologic	Data collected by
Indonesia 	1. Bribin (Baron Aquifer)	N -8° 2' 5.948" E 110° 40'49.046 Z = 222 m asl  Gunungkidul	>350/875/1000  Tapped, piping intake system and underground dam structure	<b>E, A, Sc, Ec, H</b>  <i>Bribin-Baron Aquifer is located in pure karst area (Gunungsewu Karst) and provides water for domestic use, irrigation and supports local industry. The aquifer is the main water source during the dry season. The Baron aquifer is of economic value as source of income for the locals as a tourism site, which contains karst features - caves, potholes, waterfalls. The intake includes underground dam, while the resurgence of Bribin underground river emerges to the surface at Baron Beach. This beach is also one of the tourism destinations because of its beauty. Spring is sacred, people here believe that water is also symbolize holiness. There is a famous story about it called "Nyai Adnan Sari dan Kyai Guru Soka" and once a year the locals have an event called Nyadran. This is the moment when the locals doing some spiritual practice and ceremony around spring to express their gratefulness. Bribin water quality is Class 1 (all parameters below the threshold). Bribin River System is also a habitat for swallow bird, bats and another fauna.</i>	Eko Haryono

### MIKAS - Bribin spring



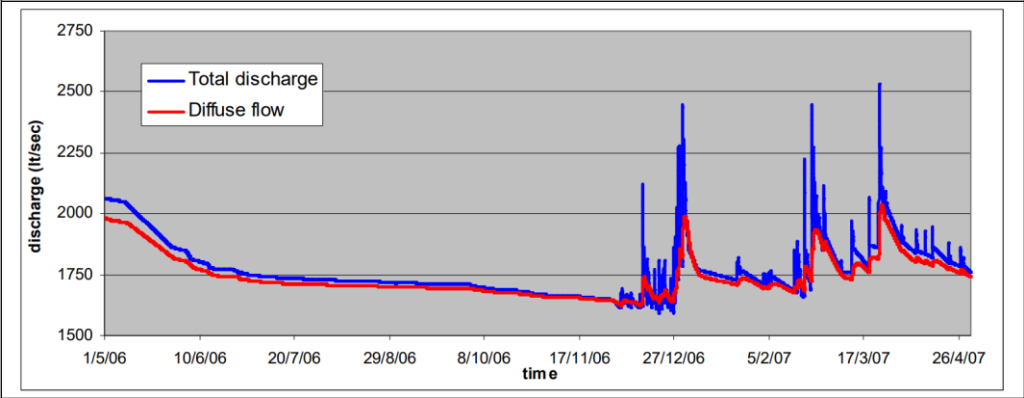
The geological map of Gunungsewu karst. The Wonosari-Punung Formation (Tmwp) is of Middle Miocene and Upper Pliocene age, uplifted during late Pliocene and/or early Pleistocene. All T formations are Oligocene – Miocene age, while Q is recent Quaternary cover.



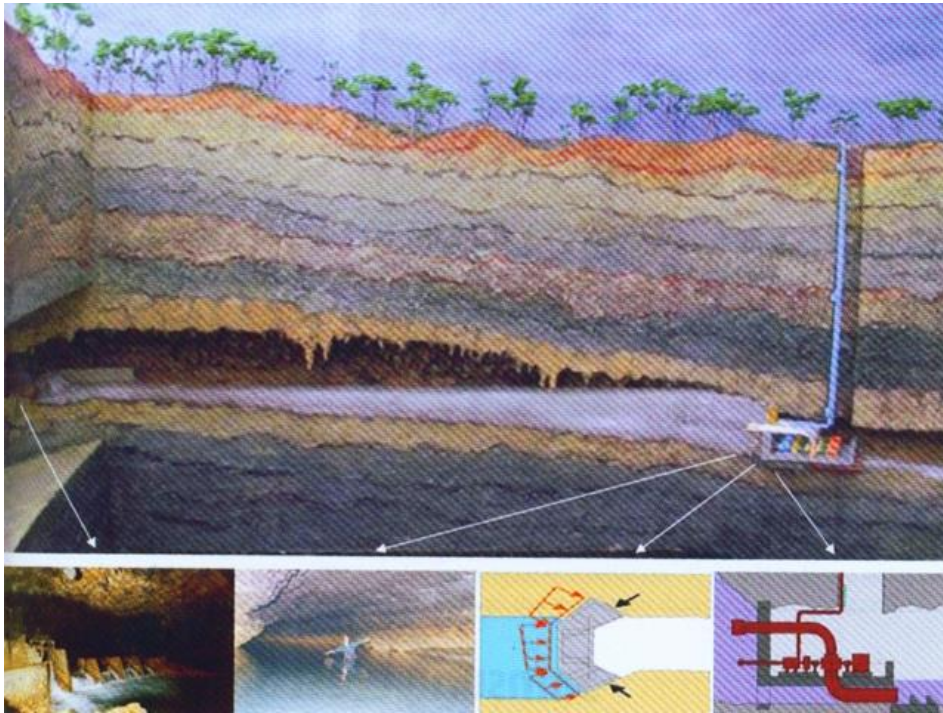
Schematic cross section of Gunungsewu karst



Bribin Underground River Dam



Discharge of the Bribin karst spring. Catchment area consists of autogenic (78%) and allogenic (22%) parts



*Dam and piping scheme of Bribin underground river*