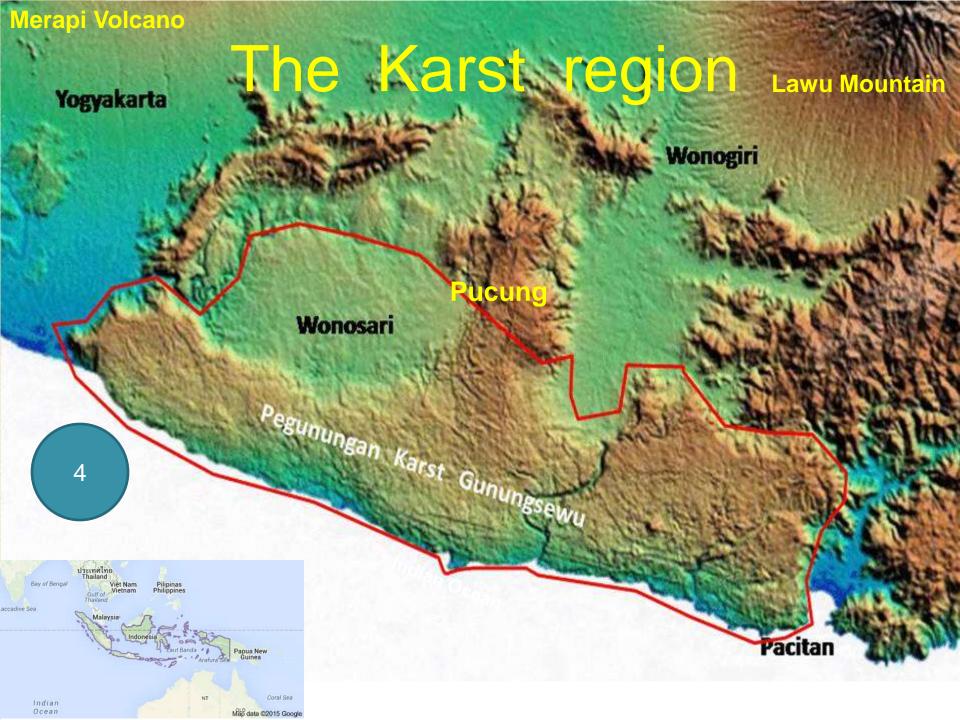






CAVING ACTIVITY







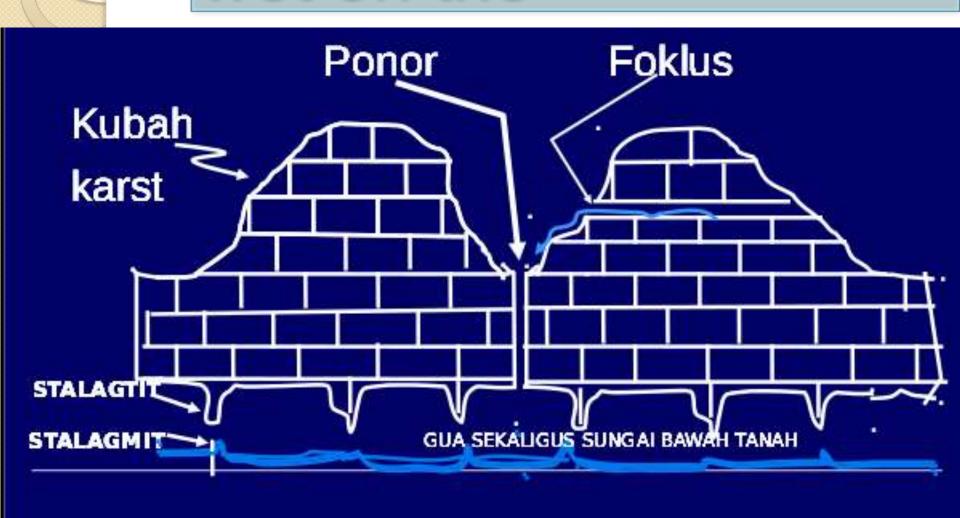


➤ With an average farmer family income of IDR 600.000 per month they have to buy water for IDR 300,000 for dry season, thereby increasing the economic burden/economic presssure

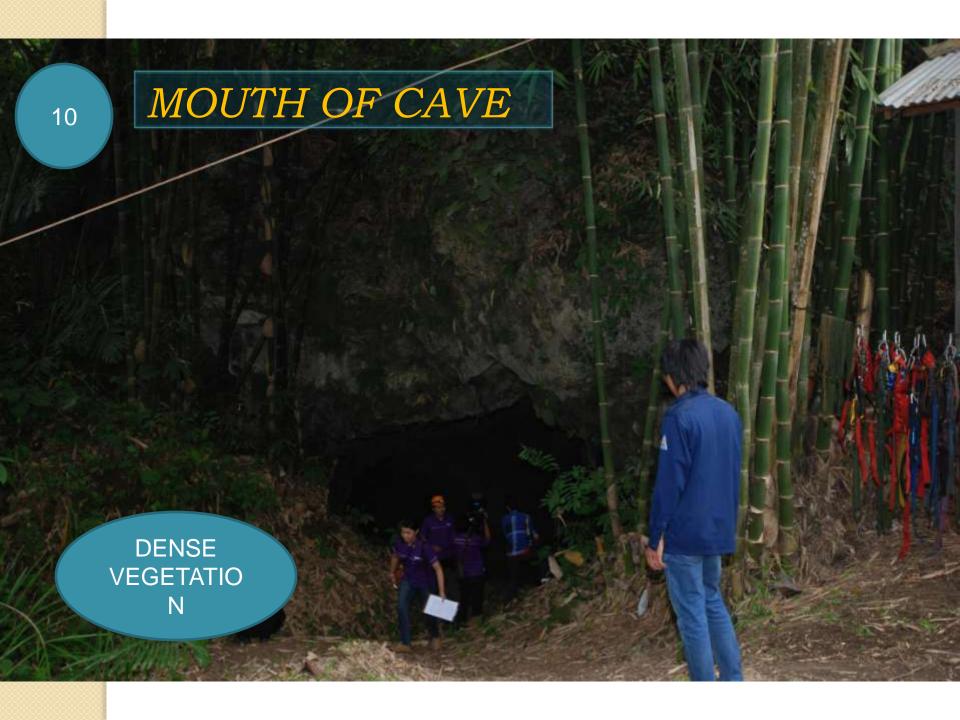
OH GOD, WHEN DO MY FAMILY GET THE FRESH WATER ?



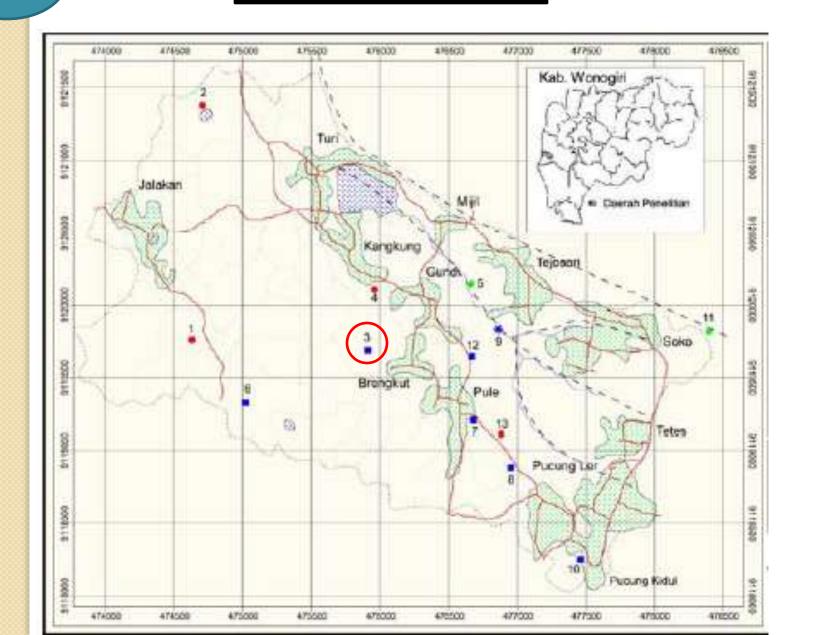
Dry on the surface, but wet on the





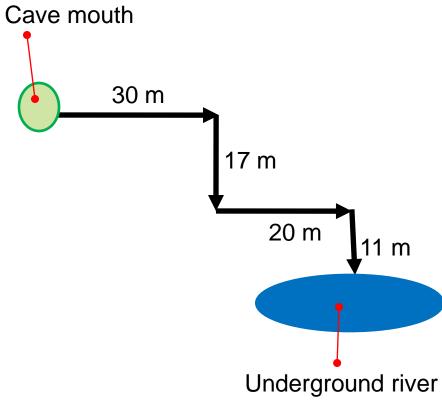


Cave Distibution Map In Pucung Village

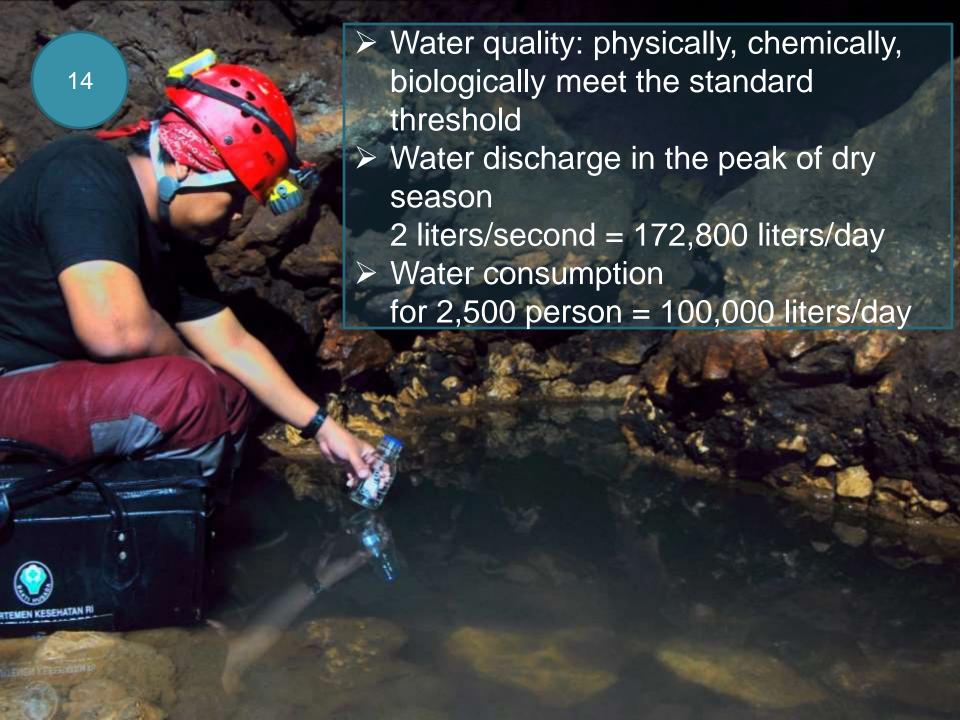




Road to Underground River











KELUARGA MAHASISWA PECINTA ALAM GIRI BAHAMA F. GEOGRAFI UMS

BEKERJASAMA DENGAN

LOKASI

: DESA PUCUNG KECAMATAN EROMOKO KABUPATEN WONOGIRI : 2001 -2002

TAHUN SURVEY

GRADE SURVEY : 4C

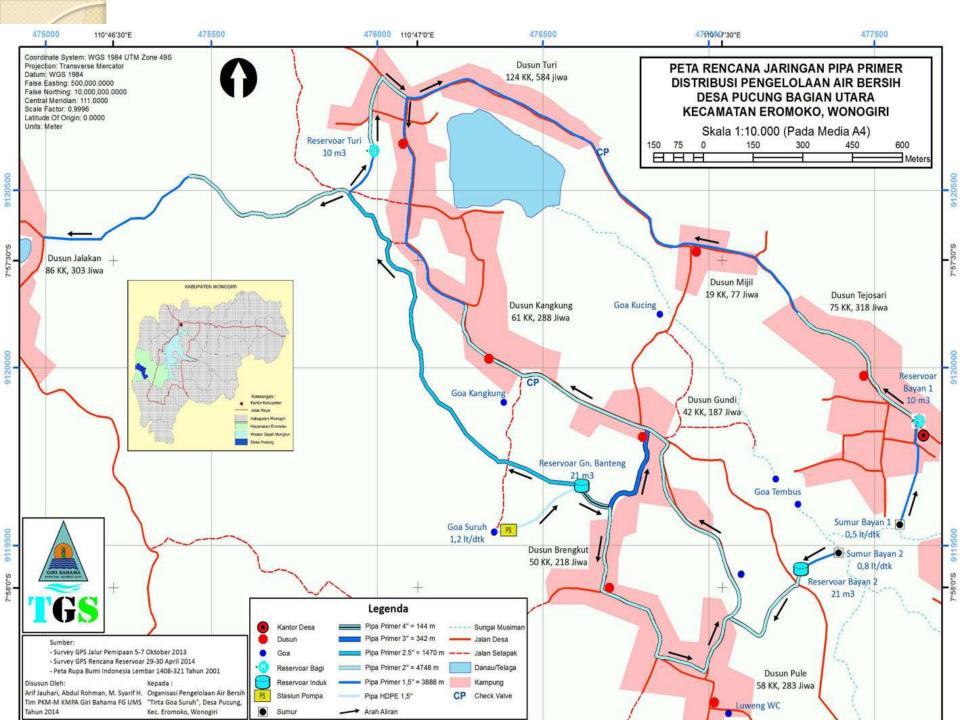
SURVEYOR : ARIF JAUHARI, DWI ROCHMADI, BAMBANG P, ARIS W, SUROTO, JOKO W, JOKO S

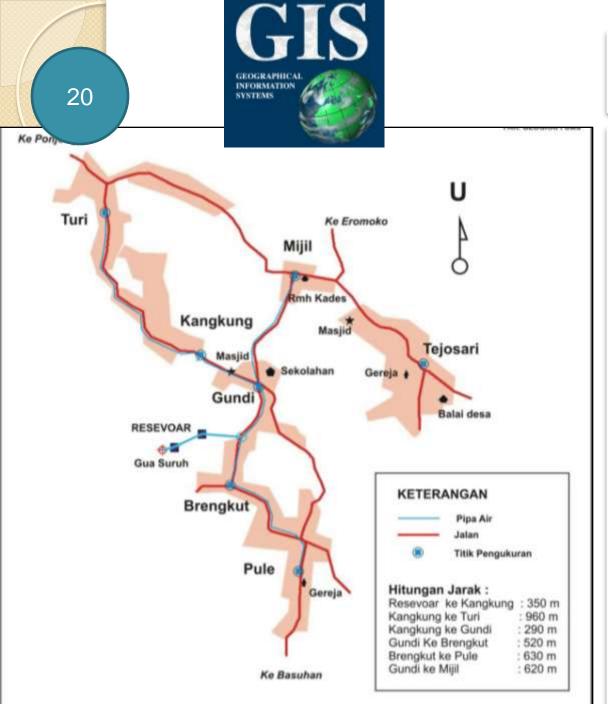


SUMBER: PETA GUA SURUH TAHUN 2001 KMPA GIRI BAHAMA

Gambar 8. Penampang Tiga dimensi Pengangkatan Sumber Air







The application of GIS technology

This work was greatly helped by the application of GIS, such as:

- planning of distribution pipelines and piping requirements,
- planning of electrical lines,
- planning of the location of the reservoir, etc.

WATER PIPE



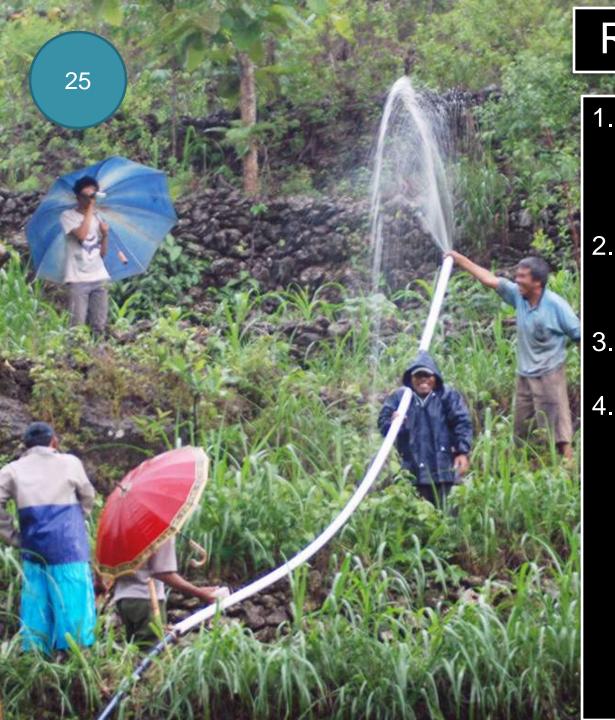




This water lifting program are economically provide a very significant expenditure savings, ie 1560 % (the price of water from Rp 50,000/m³ down to Rp 3,000/m³).

Conclusions

- Geography role in the provision of fresh water in Pucung is very significant namely through the use of geographic approach
- There are effeciency for expenditure is very significant by Economically as much as 1,566 % (the price of fresh water from Rp 50,000/m³ down to Rp 3,000/m³).
- Drought in the Pucung village can be solved /overcome but need assistance /mentoring for sustainability



Recommendation

- 1. Distribution of fresh water should extended to public piping, not only on the public hydrant.
- 2. Conserve Suruh Cave underground river with reforestation.
- 3. Expand the use of water for productive activities
- 4. Pucung community should be able to manage the water distribution independently, not depending on the Faculty of Geography UMS, independent in aspects of equipment maintenance, water distribution, as well as financial management

