

## **MIKAS and NIKAS springs photo gallery**

# **A F R I C A**

***Ethiopia, Libya, Morocco, Nigeria, Somalia, Zimbabwe,  
Madagascar***

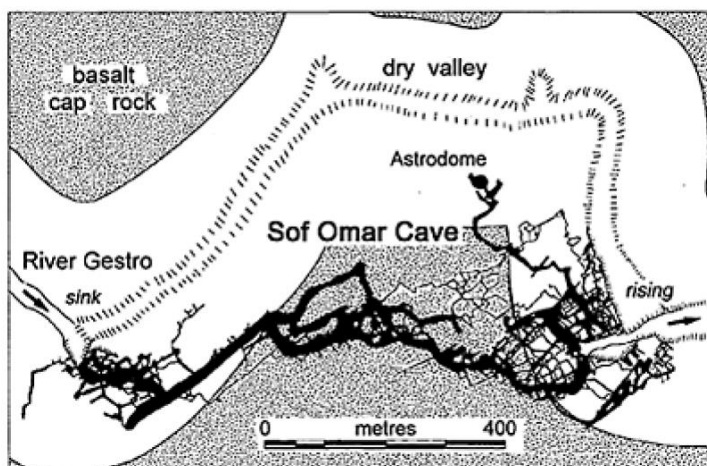
**Ethiopia**



## MIKAS – Sof Omar



*Location map of Sof Omar Cave*



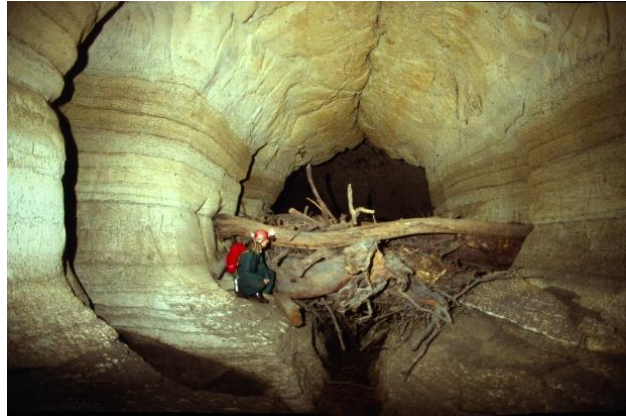
*Sof Omar cave map (from Worthington, 2004).*



*Sof Omar Resurgence (photo by John Gunn)*



*Sof Omar sink (photo by John Gunn)*



*Flood debris in Sof Omar cave (photo by John Gunn)*



*Cave  
passage  
(photos by  
John Gunn)*

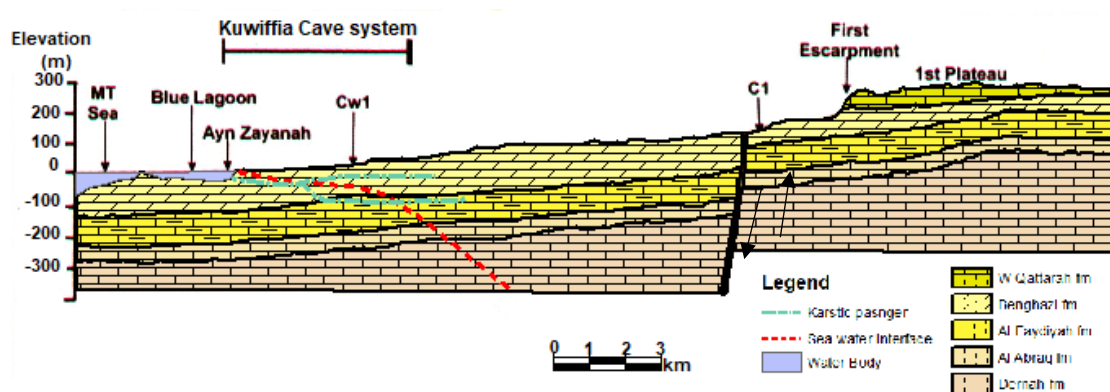
Libya



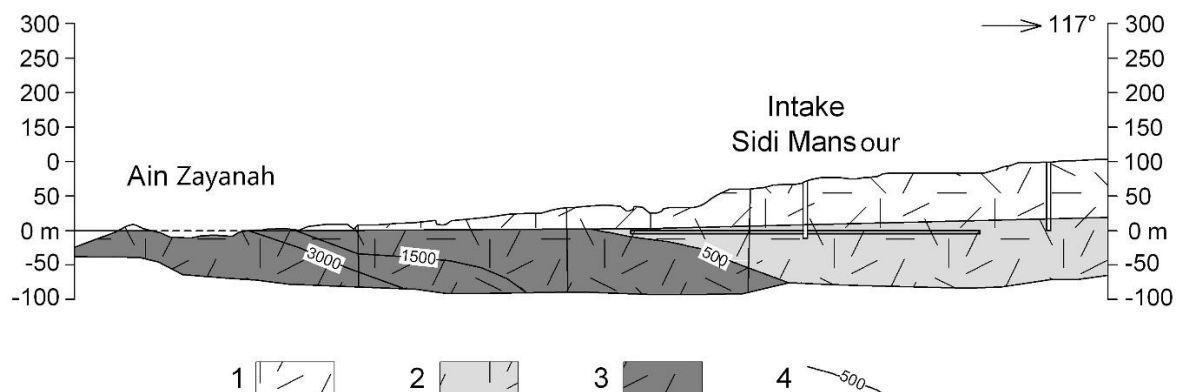
## MIKAS – Ain Zayanah



Ain Zayanah spring & Blue lagoon from Google Earth.



Cross section after Guerre (1978) modified by Abdul Malik (2007)

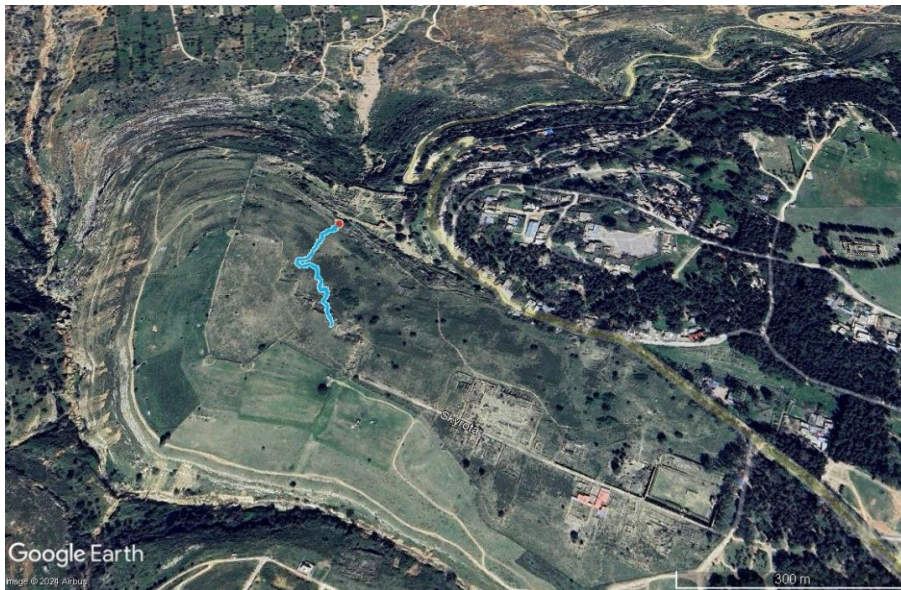


Cross section of the Sidi Mansour (Jebel Akhdar) – Ain Zayanah (modified from Mijatović, 2006; published in Stevanović, 2010). Legend: 1. Unsaturated Eocene limestones; 2. Karstic Eocene aquifer with fresh water; 3. Karstic Eocene aquifer with brackish water; 4. Salinity iso lines, values in ppm.

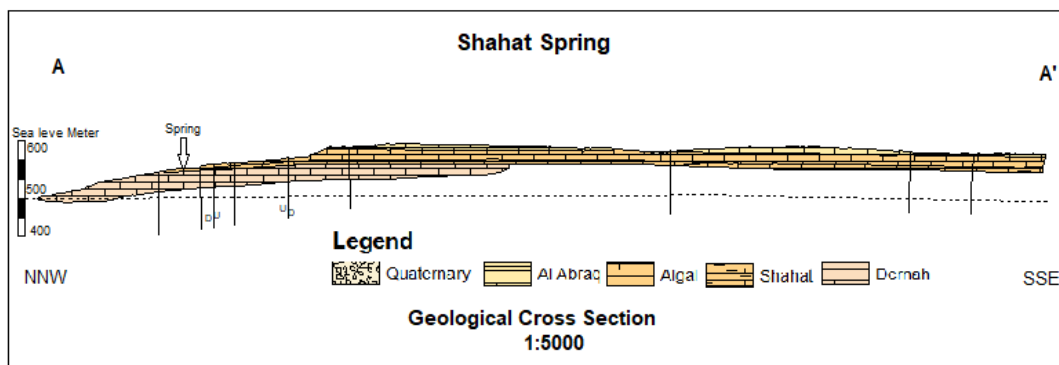


*Ain Zayanah spring & Blue lagoon*

## MIKAS – Apollo spring (Ain Shahat)



*The extend of the spring overlaying Google Earth*

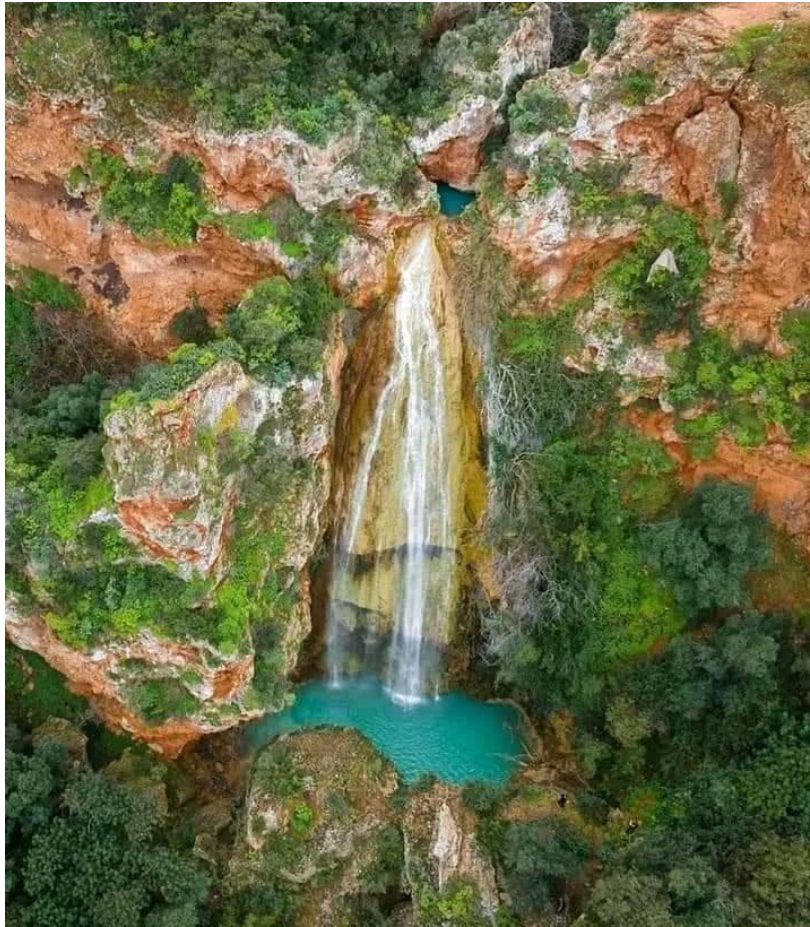


*Cross section of the Apollo spring, updated after Hydrogeo 1992.*

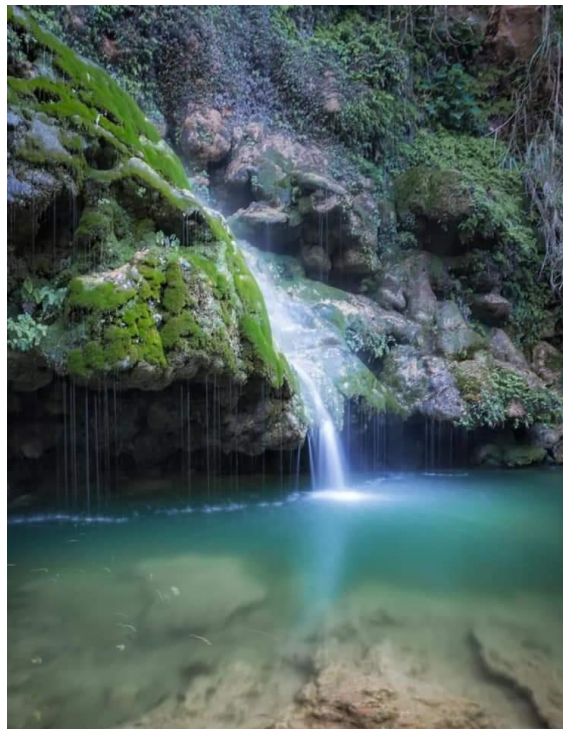


*The Apollo spring outlet*

## MIKAS – Ayn Daboussiah



*The waterfall of Ayn Daboussiah spring*



*Ayn Daboussiah spring (detail)*

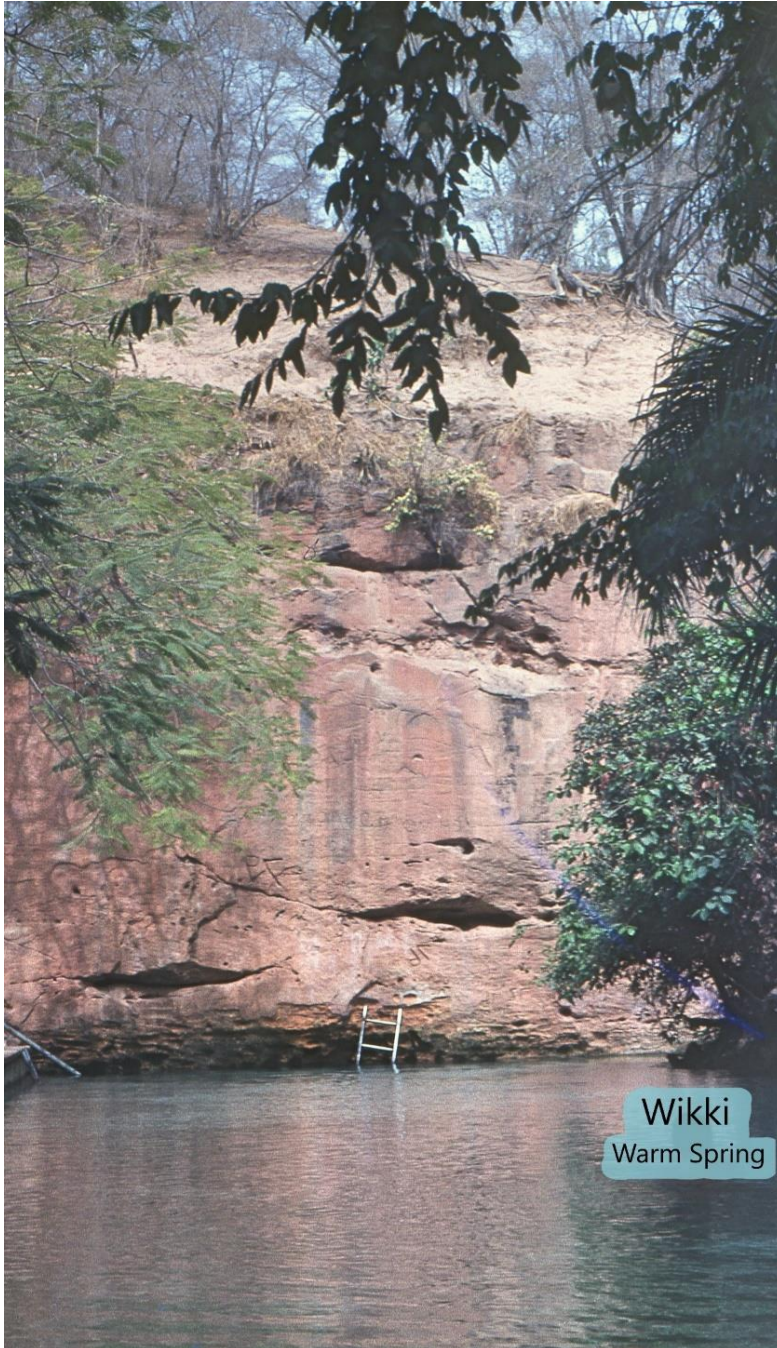


*The pond of Ayn Daboussiah spring*

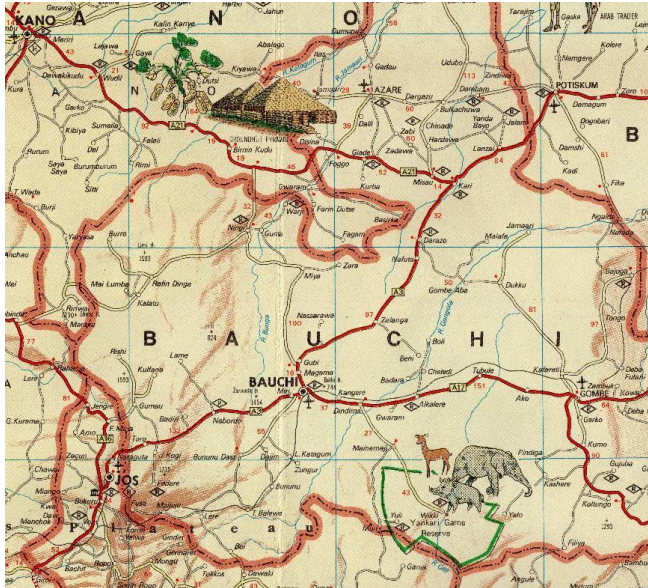
**Nigeria**



**MIKAS – Wiki spring**



*Wiki spring, the pool under big cliff*



*Yankari Reserve Park (green contour)*

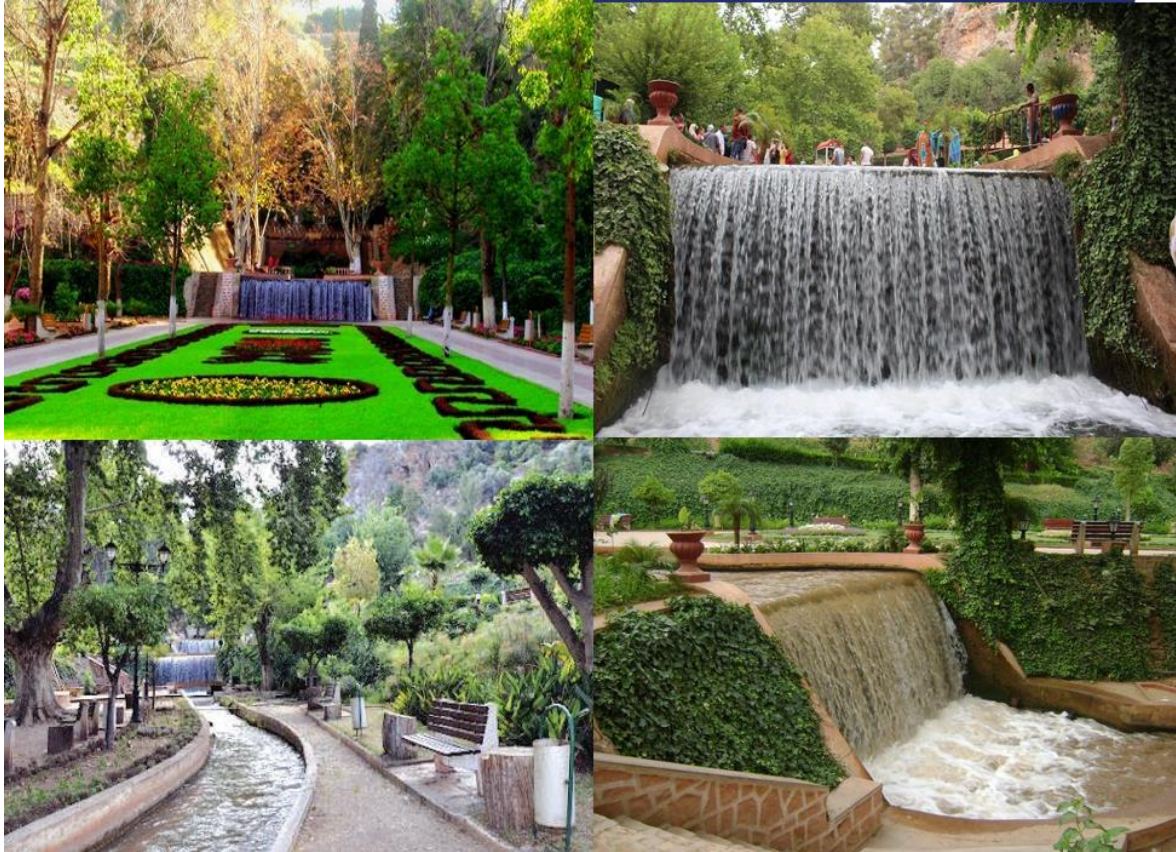


*Humans and elephant in Wiki's water*

## Morocco



### MIKAS – Ain Asserdoune



*Photos of Ain Asserdoune spring.*

### MIKAS - Win Timdouine

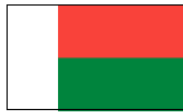


*Win Timdouine cave's river. (Left. Photo by Khalil Azenoud, 2024). Stalactites and stalagmite of Win Timdouine Cave. (Right. Photo by Yassine Ez-Zaouy, 2024)*



*Win Timdouine cave view. (Photo by Yassine Ez-Zaouy, 2024)*

## **Madagascar**



### **NIKAS – Unamed spring near Androhibe**

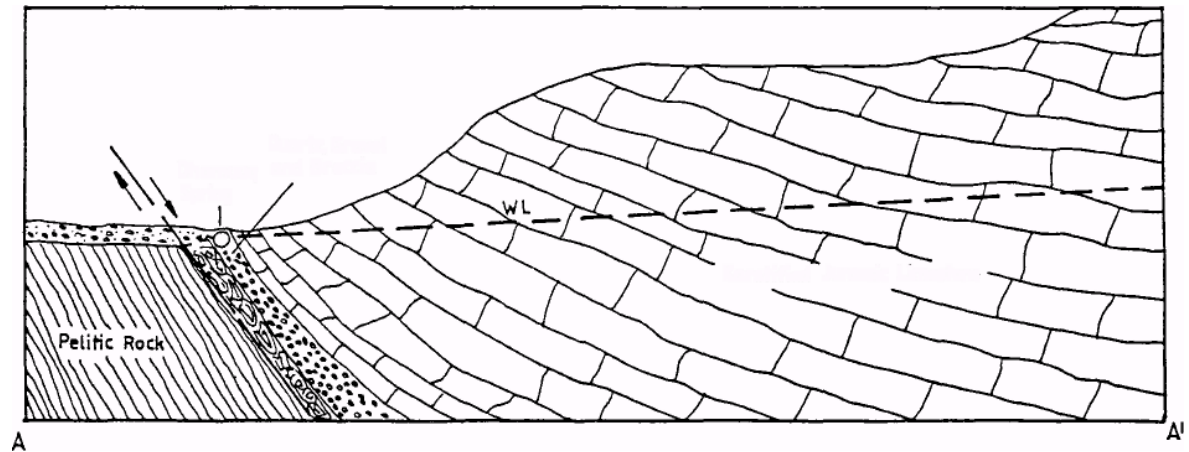


*General view of the spring. Photo by Augusto Euler*

**Somalia**



**MIKAS - Dhamuuq**



*Cross section of Dhamuuq (Damuq) spring (after Faillace & Faillace, 1986)*



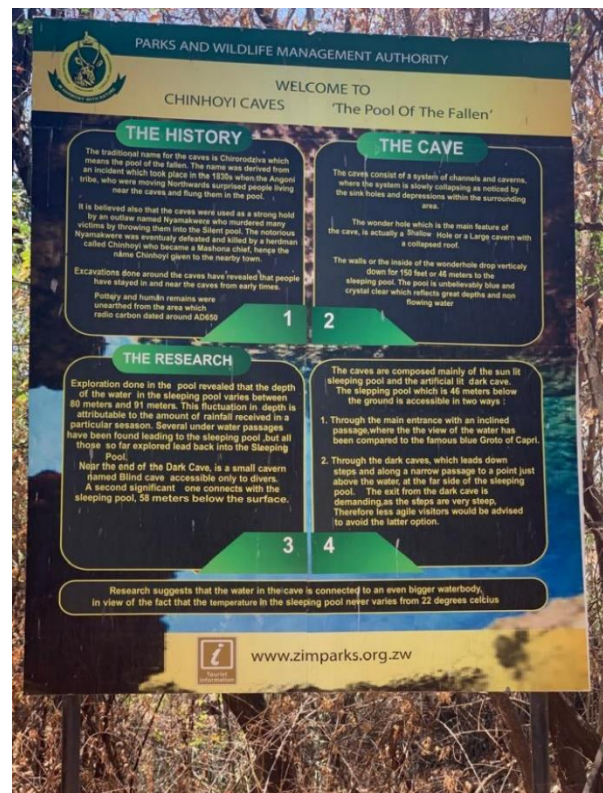
*Togga Dhamuuq downstream of the spring (photo S. Milanović)*

**Zimbabwe**



## MIKAS – Baguta spring

*The informative plate illustrating a historic overview of the Chinhoyi caves (Photo Credit: Moses Souta)*



*Stream that is formed by the spring as it flows along a channel (Photo Credit: Kudakwashe Shelton Muzenda)*



*The “sleeping” pool at the Chinhoyi Caves which is characterised by cobalt blue clear water  
(Photo Credit: Moses Souta)*



*One of the entrances into the cave showing the dolomitic limestone rock outcrop and typical karst cavern (Photo Credit: Moses Souta)*