

Headline	UTM first university to have own rock aquifer tubewell in M'sia		
MediaTitle	Borneo Post (Kuching)		
Date	06 Dec 2023	Color	Full Color
Section	Home	Circulation	60,767
Page No	10	Readership	182,301
Language	English	ArticleSize	148 cm ²
Journalist	N/A	AdValue	RM 2,018
Frequency	Daily (EM)	PR Value	RM 6,054



UTM first university to have own rock aquifer tubewell in M'sia

JOHOR BAHRU: Universiti Teknologi Malaysia (UTM) has become the first university in Malaysia to have its own rock aquifer tubewell as an alternative source of clean water supply.

UTM vice-chancellor Prof Datuk Dr Ahmad Fauzi Ismail said the 158-metre-deep well would produce water with an acidic PH value of 7.8, and be capable of producing one million litres of water a day; thus meeting the needs of campus residents.

He said the project initiated by the board of directors and top management of UTM, using the membrane technology

system, could reduce the dependence on existing resources and save utility costs for water use on campus.

This is the first rock aquifer water well in Malaysia found in UTM, with a capacity of one million litres per day and it can benefit about 7,000 users.

"UTM hopes the project could be further developed because it can save expenses and generate income, including by bottling this water," he said after the handing-over and inauguration ceremony of the project at the university here, yesterday.

He said the project was also set in motion through an initiative to develop

underground water resources through research by UTM experts, which has now been successfully realised with the building of a rock aquifer tubewell, following the discovery of the water source in 2021.

According to Ahmad Fauzi, the rock aquifer tubewell is located in the UTM recreational forest that covers an area of 3.5 square kilometres, and is rich in various species of flora and fauna as well as high-value tropical forest trees, which were planted through a collaboration between UTM and the Forest Research Institute of Malaysia in 2015. — Bernama



(From left) Ahmad Fauzi, UTM deputy vice-chancellor Prof Dr Edy Tonnizam and UTM Registrar Nor Azizah Ismail sample water from the rock aquifer tubewell. — Bernama photo