

Unexplored Underground Water for Continuous Daily Usage

Limited Water Resource

Malaysia have its own periodic rainfall, for example, the states of the east coast of Peninsular Malaysia, November, December and January are months with maximum rainfall while June and July are dry months in most states. In other words, most area only depending on rainfall for their water supply without realizing there are a lot of underground water for them to utilize.

Solution

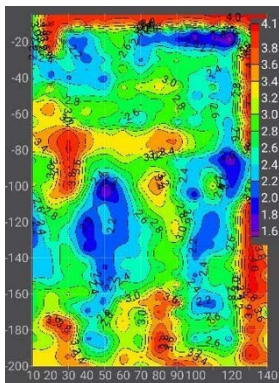
MKR HARTAMAS is equipped with a wide range of drilling and water detecting systems capable of addressing all technical requirements under the most complicated geological conditions especially in water well drilling.

Water Detector system are:

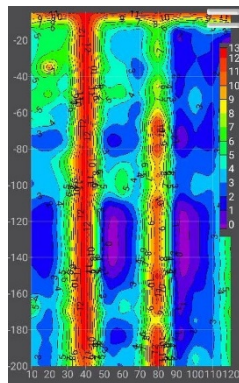
1. Resistivity Test

Drilling methods employed are: -

1. Rotary System with Direct and Reverse Circulation Method.
2. Down The Hole hammer drilling.
3. Cable tool Percussion drilling
4. Large diameter Auger drilling



Trap Water



Water Reservoir



Rotary System



Hole hammer

Results

Reverse Circulation is proven to be the best and most successful method for drilling large diameter holes up to 915mm (36") in unconsolidated sand and gravel formations or alluvium. With this method, water well can be drilled efficiently by reducing cost and time up to more than 300m deep of well.

Benefits

With the technology, our client will enable to access their unexplored water source varies by their size of water reservoir or trap water existed on their land.

For further information please go to www.mkrhartamas.com or contact your local sales office

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WL Solutions - Case Study – Rev 1