

ABSTRACT

Overflowing tube wells are the wells those given water without any pumping. This research was carried out through out the Monaragala district. There is a drinking water problem in Monaragala district in dry period. Evaluate any relationship between overflowing tube wells and fractured zones in Monaragala, resulting a map that contains overflowing tube wells and fractured zones in Monaragala and giving locations of good aquifers are main objectives of this research. This task can be performed using Aerial photos of Monaragala and GIS technology. In addition locations of good aquifers to construct tube wells are given through this map. Aerial photos interpretation methodology was used to find out fractured zone's global positioning coordinates. When, identifying fractured zones had to use ArcView GIS 3.2 software package. Digital map software used for located fractured zones and overflow tube wells locations. After observation of developed map, found availability of relationship of above relationship. Actually there is a relationship between overflow tube wells and fractured zones. Seventh of overflowing tube wells out of ten overflowing tube wells were intersected with fractured zones.