






Legend

-  Extensive and moderately productive ($T = 1.1-10 \text{ m}^2/\text{d}$, $q = 0.011-11 \text{ l/s-m}$, $Q = 0.51 - 7 \text{ l/s}$) or local or discontinuous but highly productive aquifers, in which flow is mainly through a regularly developed system of fissures and joints of volcanic rocks. The aquifers consist of Debre Tabor basalt and trachyte (Alaje formation – TV3), Middle basalt (Aiba basalt – TV2), older basalt flow (Ashangi basalt – TV1). The aquifers are shown on the map in a light gray and red color.
-  Low to Moderate productive fissured aquifers ($T = 0.11 - 1 \text{ m}^2/\text{d}$, $q = 0.0011 - 0.01 \text{ l/s-m}$, $Q = 0.05 - 0.5 \text{ l/s}$ for wells and/or springs), in which flow is mainly through a regularly developed system of fissures of volcanic rocks. The aquifers are shown on the map in a red color & consist Tertiary Upper basalts and trachyte (TV3) = Alaje Formation.
-  River
-  Fault Line

Project	Hydrogeological mapping Using Remote Sensing, GIS & Geophysical Surveying (LOT-2)		
Client	Ministry of Water and Energy		
Consultant	ECDSWC-WEDSES		
Map Title	Hydrogeological X-section		
Scale	V/H=15		
Prepared by	ECDSWC		
Organizer	Simegnew T.	Checked by	Ashebir G. & Ewnetu B.
Approved by	Ephrem T.	Date	Dec-21