

INSET MAPS

GEOLOGICAL MAP OF TARGET AREA-II WITHIN SAESI TSADAMBA WOREDA

Legend

AQUIFER CLASSIFICATION

- Aquifer class-I: Moderately productive Porous/fissured aquifer (T=1-10m²/d, Q=0.5- 5 l/s)
- Aquifer class-II: Moderately productive fissured/karst aquifer, (T=1-10m²/d, Q =0.5- 5 l/s)
- Aquifer class-III: Low productive fissured aquifers (T=0.1-1m²/d, Q =0.05-0.5 l/s)

LITHOSTRATIGRAPHIC UNITS

- Paleozoic Sediments
- Didikema Formation
- Arequa Formation (Tambain Group)
- Matheos Limestone Formation
- Tsaliyet Group

GEOLOGICAL STRUCTURES

- Normal fault
- Lineament
- Trust Fault
- Syncline
- Overturned anticline
- Overturned syncline

OTHER SYMBOLS

- Locality
- Borehole
- Contour Line (25 m Interval)
- Drainage
- Main Road
- Groundwater Contour
- Cross Section Line
- Flow Direction
- Target Area-II
- Built-up Area

HYDROGEOLOGICAL MAPPING FOR CLIMATE RESILIENT WASH IN ETHIOPIA - LOT-1



Hydrogeological map production : Dr. Dessie N. & Shiferaw L.
 Geological map production : Dr. Tarekgn T.& Dr. Yohannes D.
 Cartography:- Assaminew G. February, 2022

- GW Potential Zones**
- Unsuitable
 - Very Low
 - Low
 - Moderate
 - High
 - TA-II Mapping Area
 - Target Area-II
 - Woreda Boundary

