

INSET MAPS

HYDROGEOLOGICAL MAP OF TARGET AREA-II WITHIN BEREHALE WOREDA

Legend

AQUIFER CLASSIFICATION

- Aquifer class-I: Highly productive porous shallow aquifers ($T = 10 - 100\text{m } 2/d$, $q = 1-10\text{l/s/m}$, $Q = 5-25\text{ l/s}$ for wells and/or springs) or locally extremely productive aquifers
- Aquifer class-II: Low productive fissured aquifers ($T = 0.1-1\text{m } 2/d$, $q = 0.001-0.01\text{l/s/m}$, $Q = 0.05-0.5\text{ l/s}$ for wells and/or springs) in which flow is mainly developed in irregular system of fissures & weathered mantle of acrySTALLINE rock

LITHOSTRATIGRAPHIC UNITS

- Qal Alluvial sediments
- Qha Sheet flood terrace
- Ptw Werii Slate

GEOLOGICAL STRUCTURES

- Normal fault (inferred)

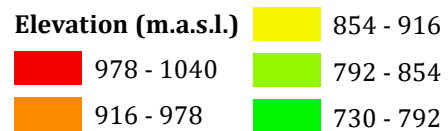
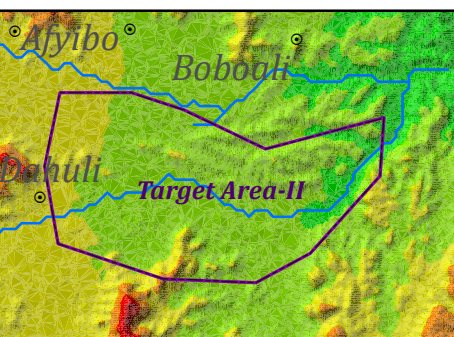
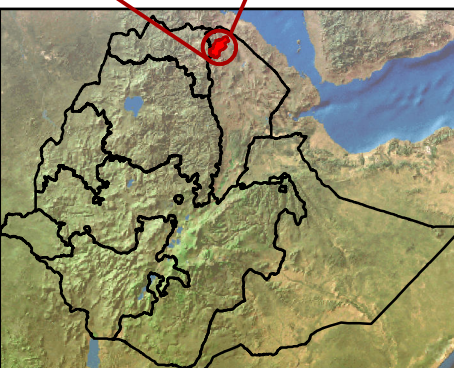
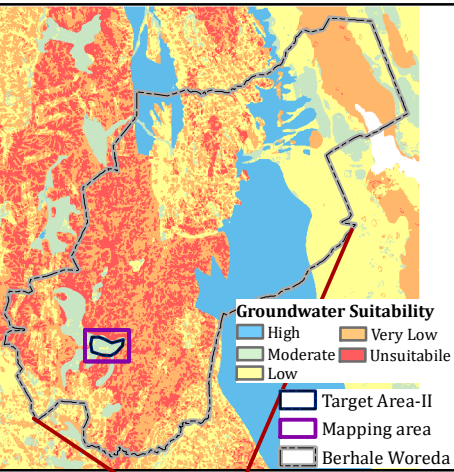
OTHER SYMBOLS

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

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



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 Geological map production : Dr. Tarekegn T. & Dr. Yohannes D.
 Cartography:- Assaminew G. February, 2022



Disclaimer:
 Administrative boundaries: CSA 2007
 Built-up areas: Sentinel-2, Openstreetmap 2021

