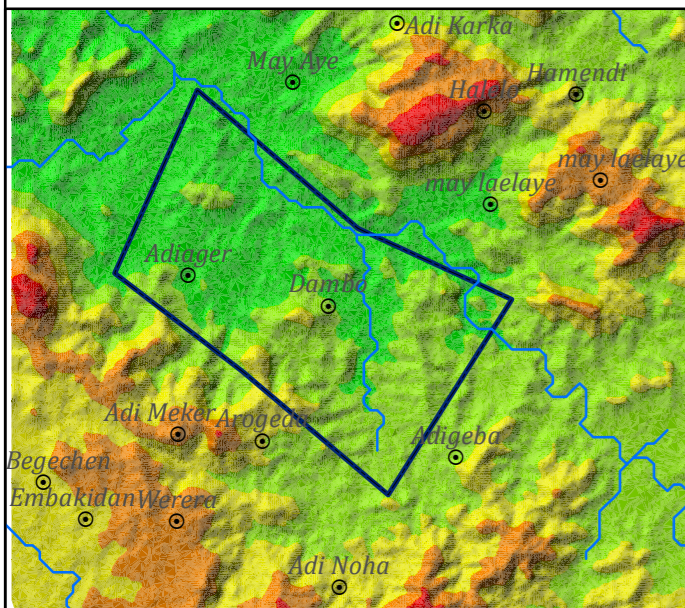
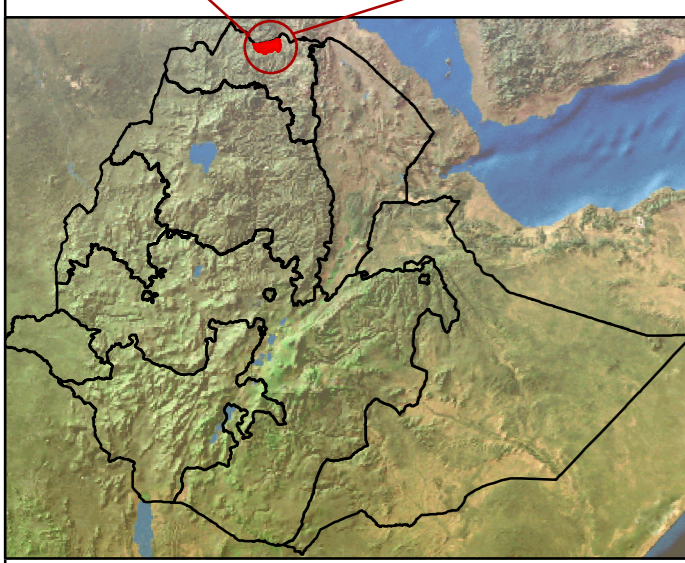
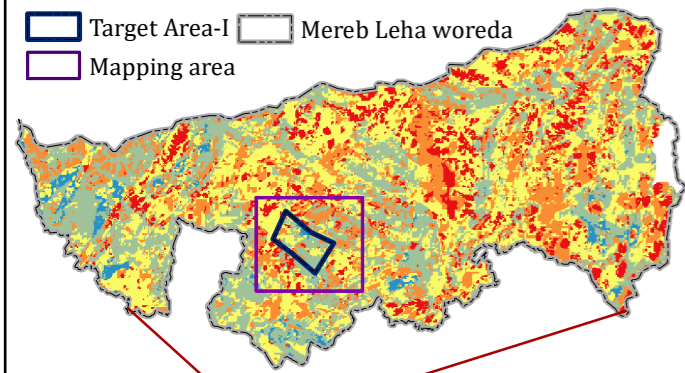
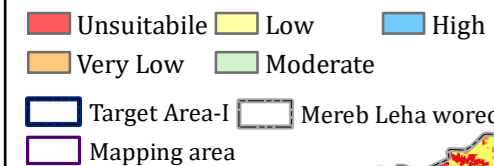
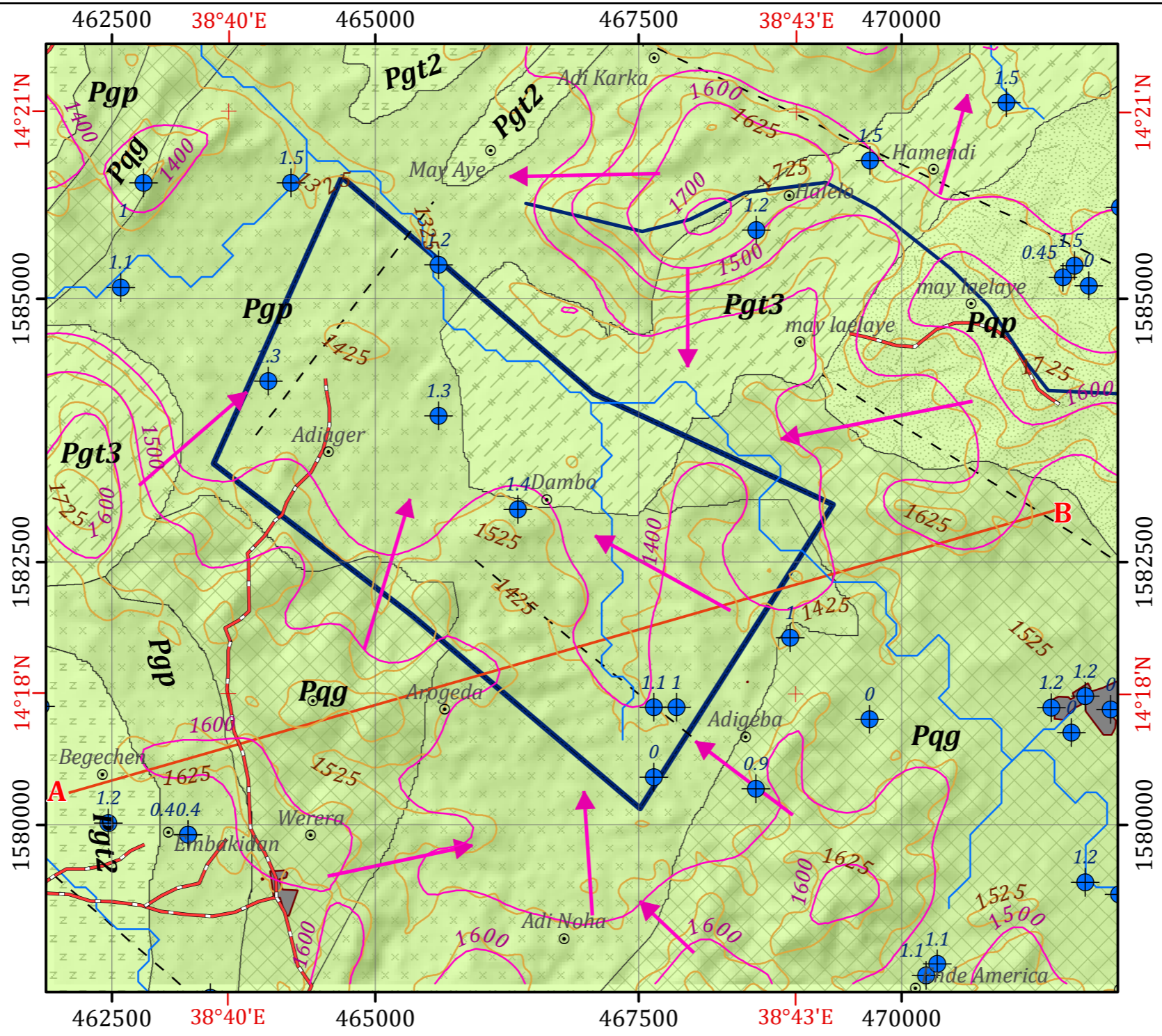


INSET MAPS

Groundwater Suitability Index

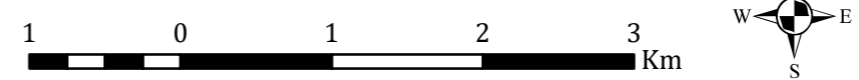


HYDROGEOLOGICAL MAP OF TARGET AREA-II WITHIN MEREB LEHA WOREDA



Horizontal Datum: WGS 1984
 Vertical Datum: Mean sea level
 Projection: Universal Transverse Mercator, Zone 37N

Scale: 1:50,000



Legend

AQUIFER CLASSIFICATION

Low productive fissured aquifers (T = 0.1-1m²/d, Q = 0.05-0.5 l/s)

LITHOSTRATIGRAPHIC UNITS

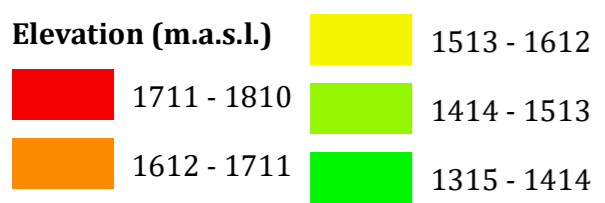
- Pgt3** Post-tectonic granite
- Pgt2** Syn-tectonic granite
- Pgp** Graphitic phyllite and quartzite
- Pqp** Quartzite, phyllite and graphitic schist
- Pqg** Graphitic phyllite and quartzite

GEOLOGICAL STRUCTURES

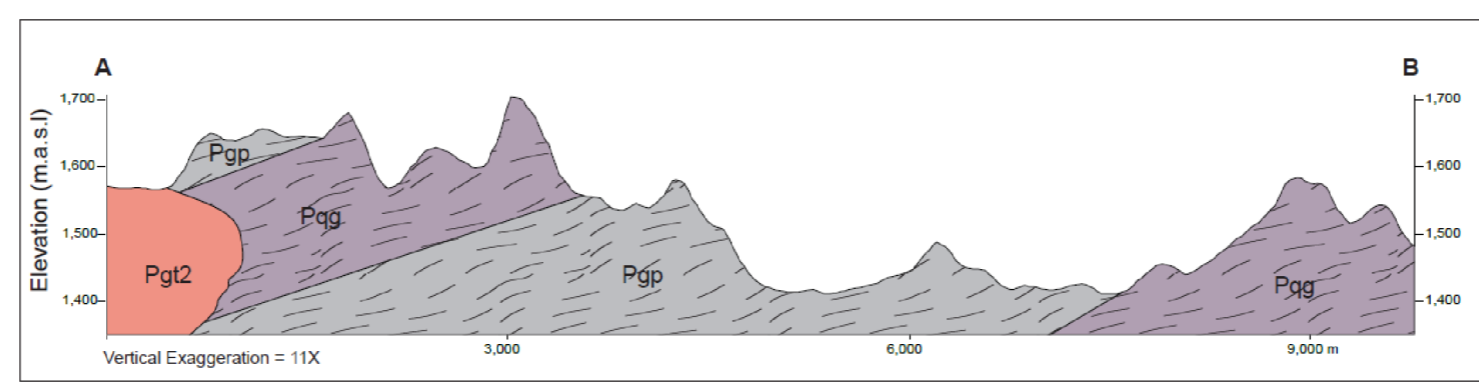
Lineament

OTHER SYMBOLS

- Localities
- Borehole (Yield (l/s))
- Contour Line (25 m Interval)
- Drainage
- Main Road
- Groundwater Contour
- GW Divide
- Cross Section Line (A-B)
- Flow Direction
- Built-up Area
- Target Area-II



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



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



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