

**INSET MAPS**

**HYDROGEOLOGICAL MAP OF TARGET AREA-I WITHIN BEYEDA WOREDA**

**Legend**

**AQUIFER CLASSIFICATION**

Moderately productive aquifers developed in lava flow structures, fissures and weathered zones ( $T=1-10 \text{ m}^2/\text{d}$ ,  $q=0.01-1 \text{ l/s/m}$ ,  $Q=0.5-5 \text{ l/s}$ ) for wells/springs and locally highly productive aquifers may occur in fracture zones

**LITHOSTRATIGRAPHIC UNIT**

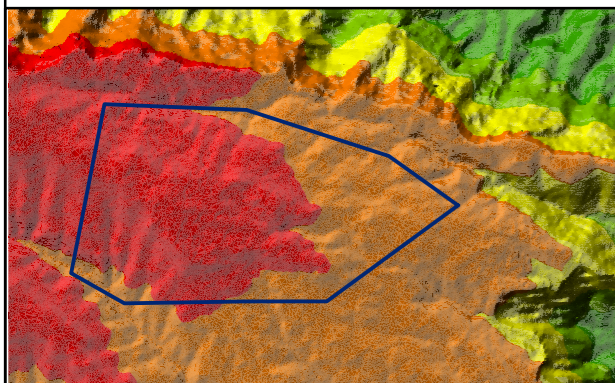
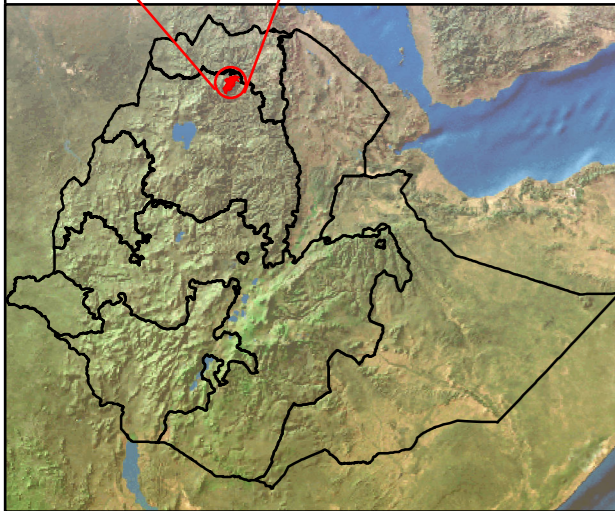
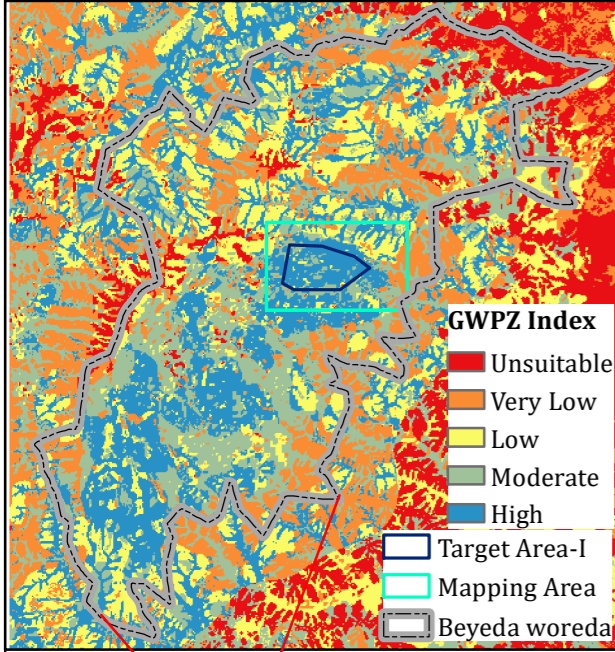
Trap volcanics (basalt)

**GEOLOGICAL STRUCTURES**

--- Lineament

**OTHER SYMBOLS**

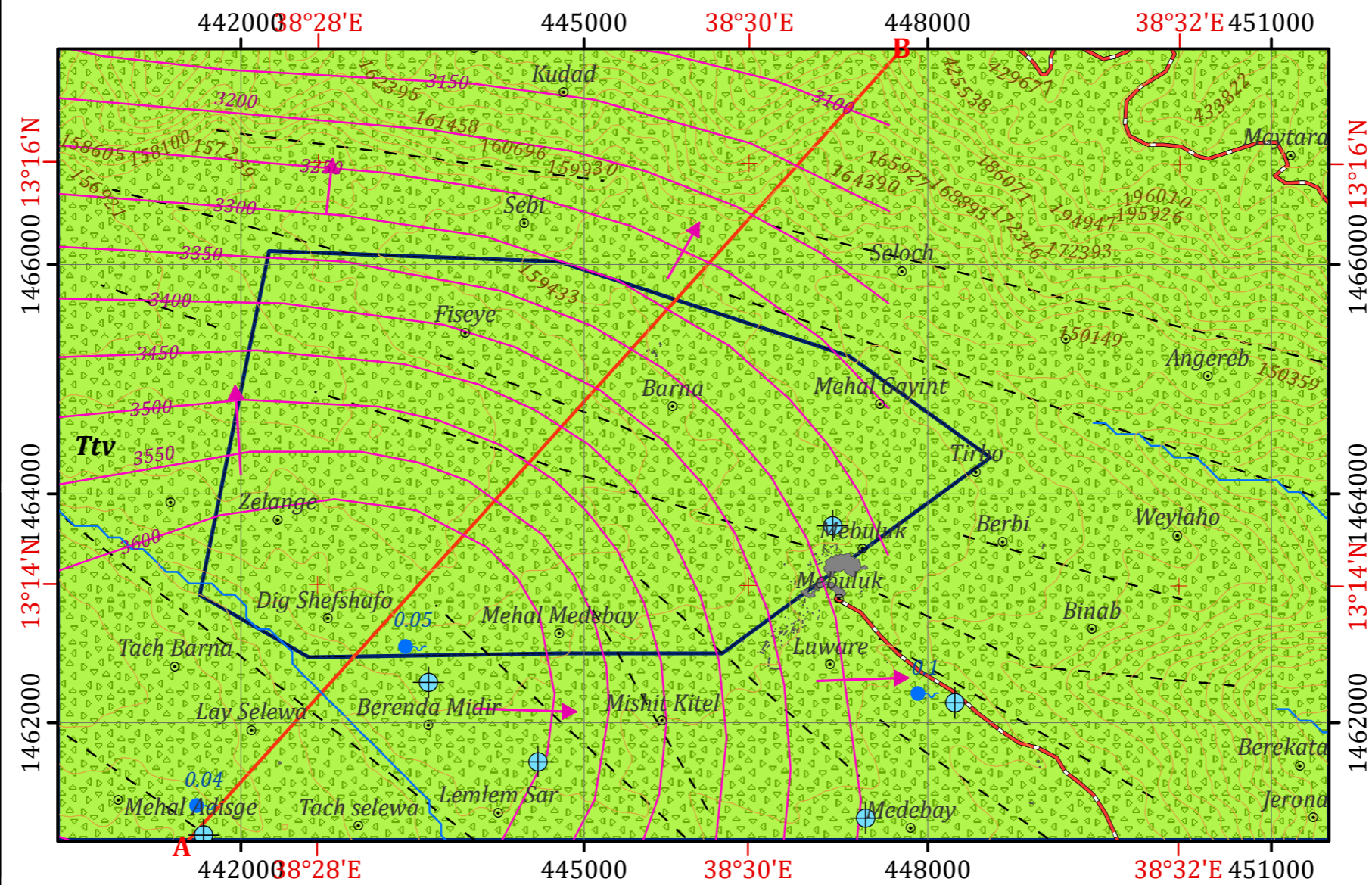
- ⊙ Locality
- Yield (l/s) Spring
- ⊕ Borehole
- ~ Groundwater Contour
- ➔ Flow Direction
- ~ Contour Line (25 m Interval)
- A-B Cross Section Line
- ~ Drainage
- Target Area-I
- Built-up Area



**Elevation (m.a.s.l.)**

3557 - 4015	2641 - 3099
3099 - 3557	2183 - 2641
	1725 - 2183

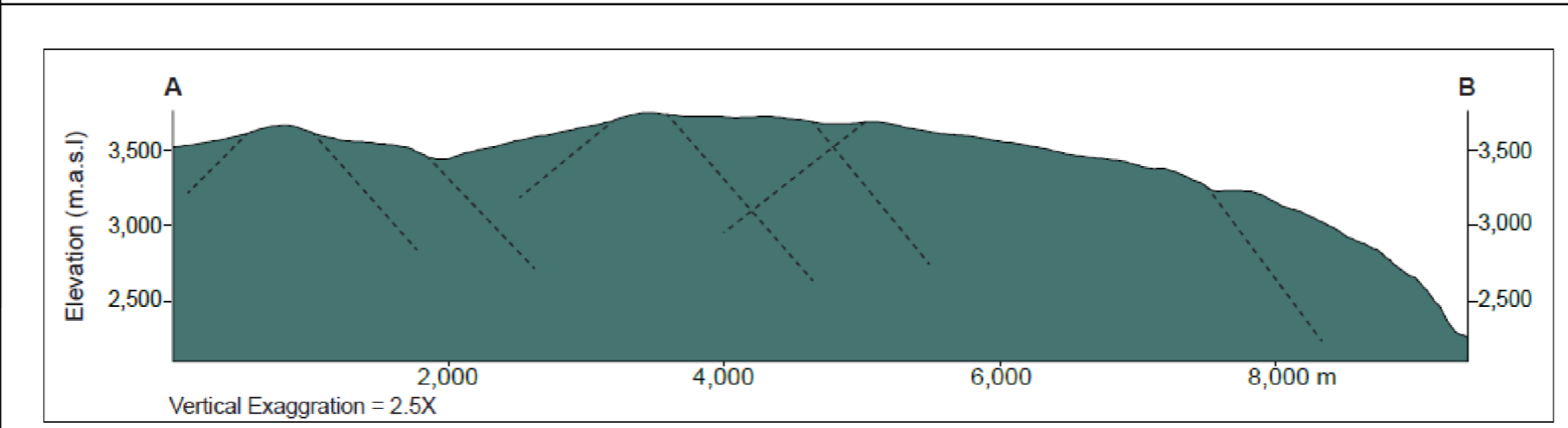
**Disclaimer:**  
 Administrative boundaries: CSA 2007  
 Built-up areas: Sentinel-2, Openstreetmap 2021



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

Scale: 1:50,000

0 1 2 3 4 Km



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



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