


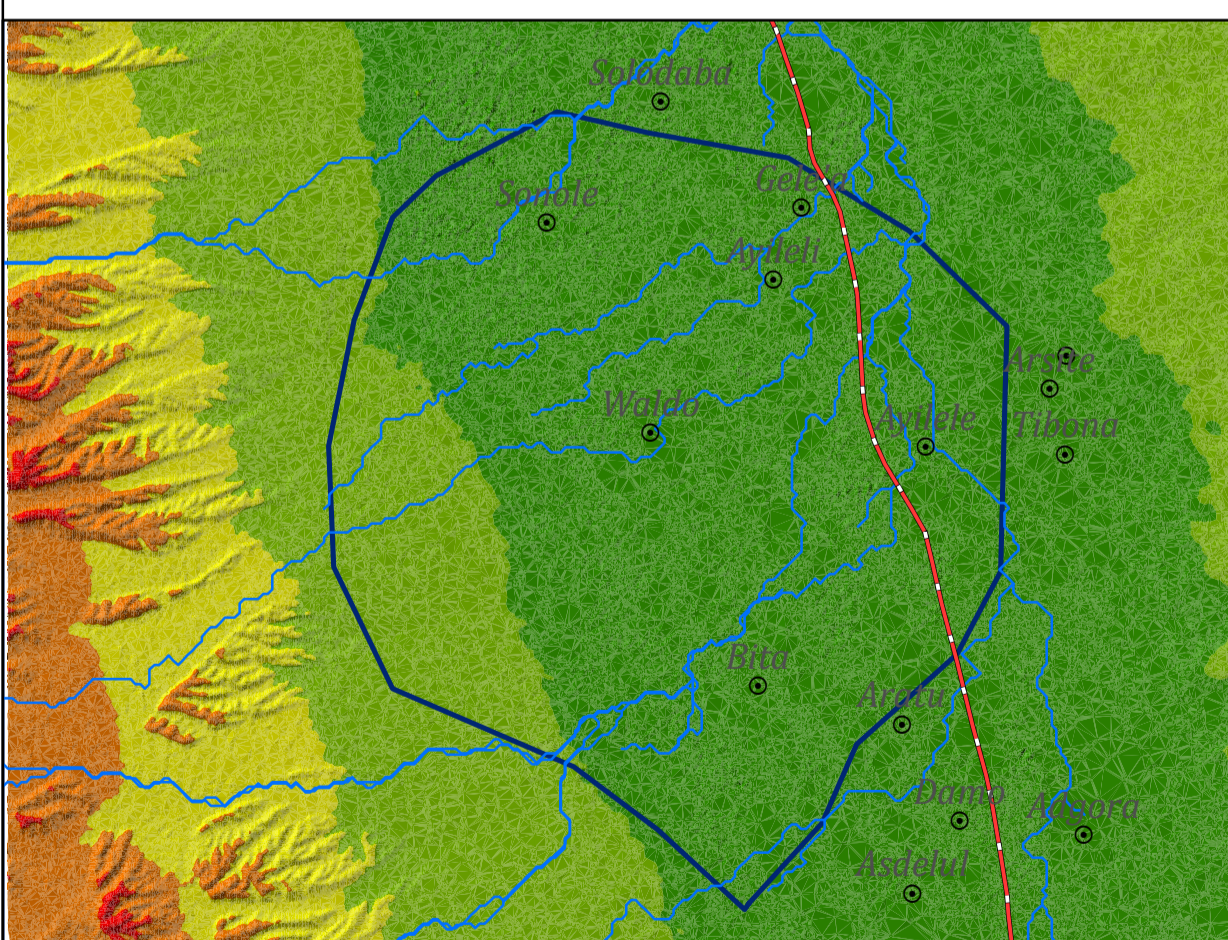
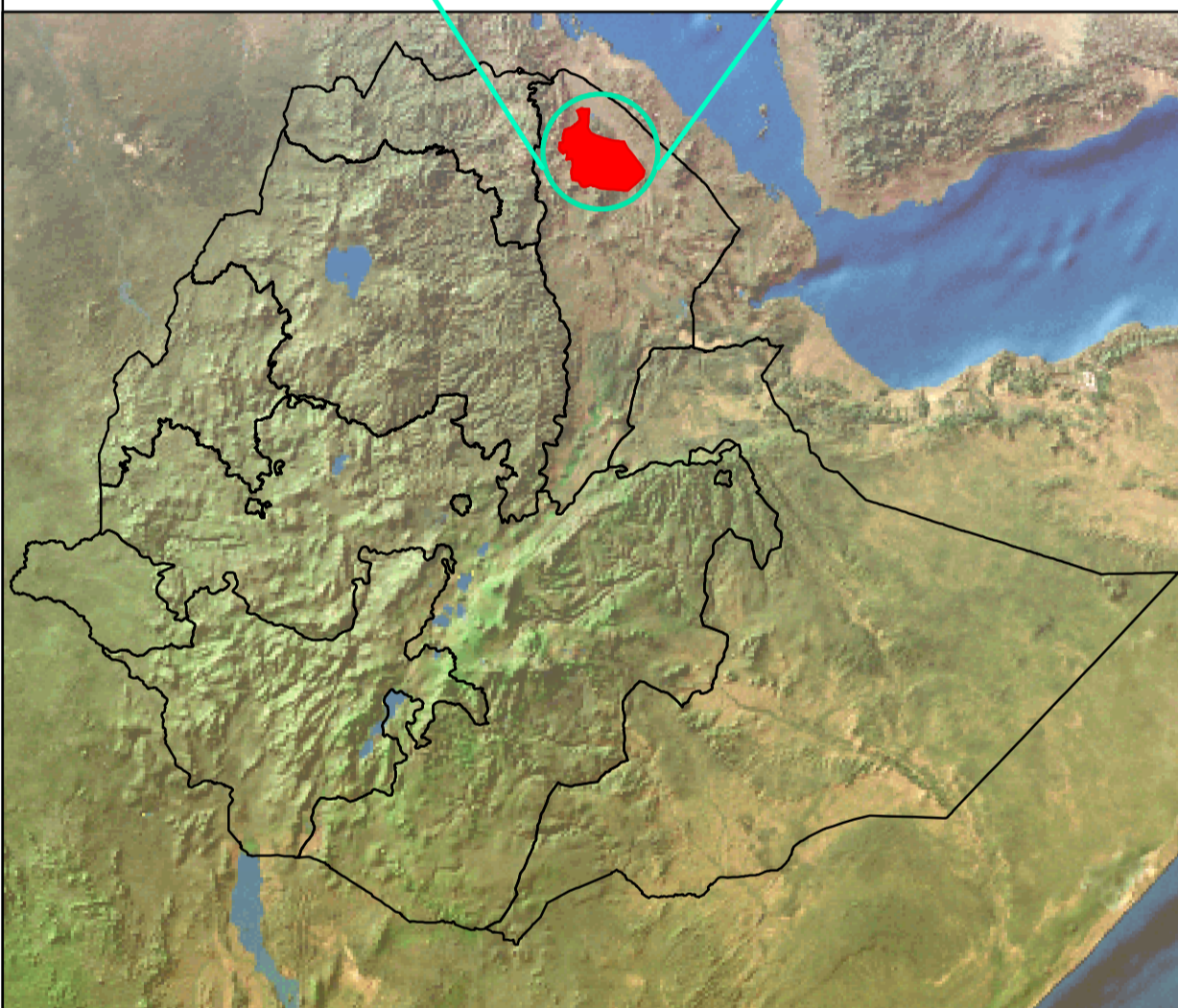


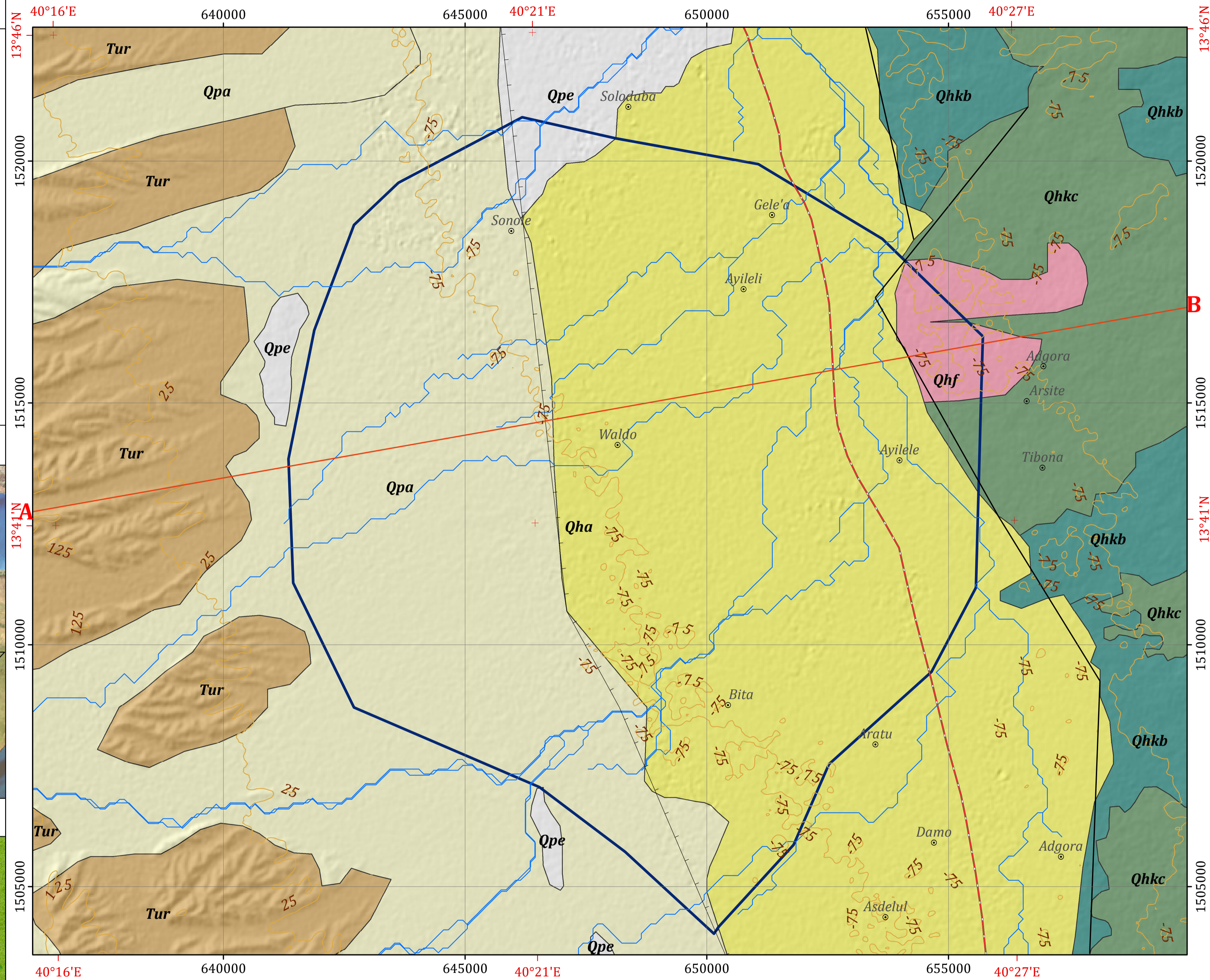
INSET MAPS

Legend

-  Afdera woreda
-  Mapping area
-  Target area-I

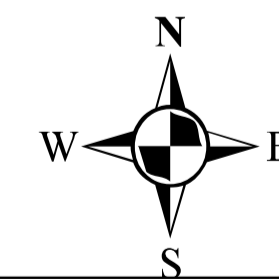


GEOLOGICAL MAP OF TARGET AREA-I WITHIN AFDERA WOREDA




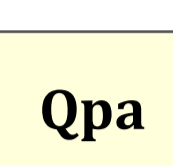
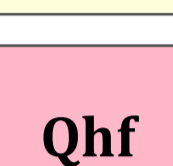
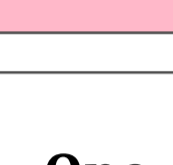



Horizontal Datum: WGS 1984
 Vertical Datum: Mean sea level
 Projection: Universal Transverse Mercator, Zone 37N

Scale: 1:50,000

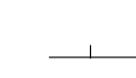
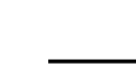


Legend







LITHOSTRATIGRAPHIC UNITS

-  **Qha** Sheet flood terrace: Silt, sand and gravel
-  **Qpa** Fluvial terraces of gravel and sandstone
-  **Qhf** Gypsiferous and calcareous sediments
-  **Qpe** Enkalfo Formation (Marine Sediments): Oolitic limestone, conglomerate, marl and gypsum
-  **Qhkc** Basaltic lava and associated cinder cones
-  **Qhkb** Basic to intermediate lavas and cinder cones
-  **Tur** Conglomerate, sandstone, silt and clay, minor fossiliferous marl and limestone. Interbedded spilite, tuff and minor acidic lava

GEOLOGICAL STRUCTURES

-  Normal fault
-  Normal fault (inferred)

OTHER SYMBOLS

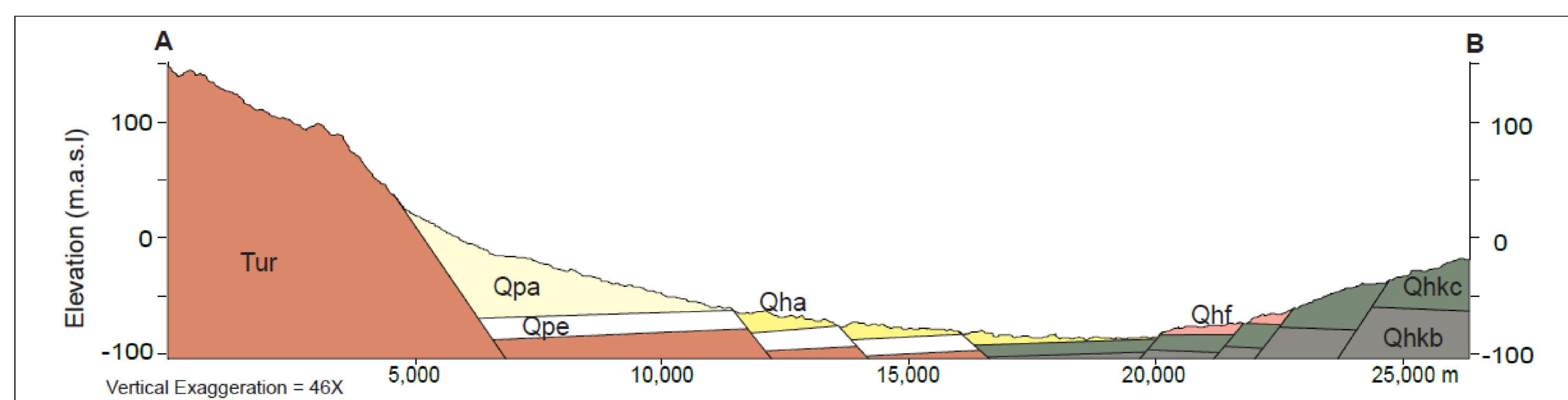
-  Locality
-  Contour Line (25 m Interval)
-  Drainage
-  Main Road
-  Cross Section Line
-  Target Area-I

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



Disclaimer:

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



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