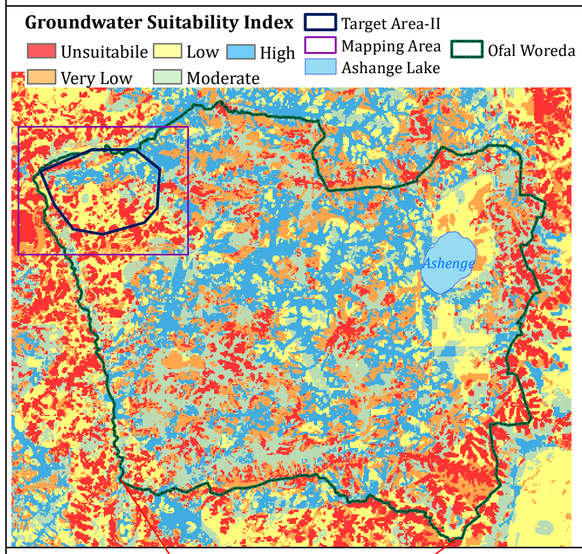
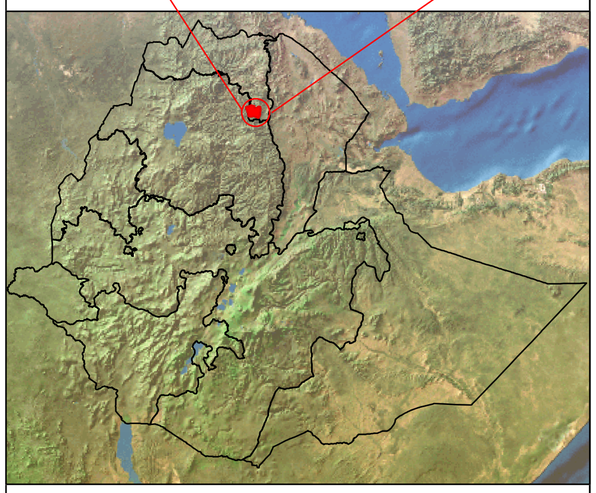
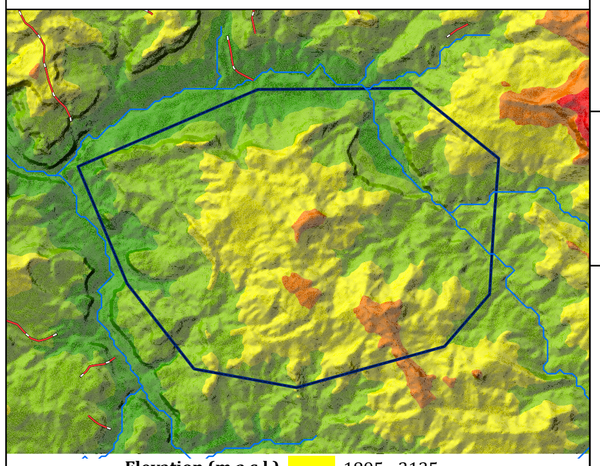
HYDROGEOLOGICAL MAP OF TARGET AREA-II WITHIN OFLA WOREDA

INSET MAPS

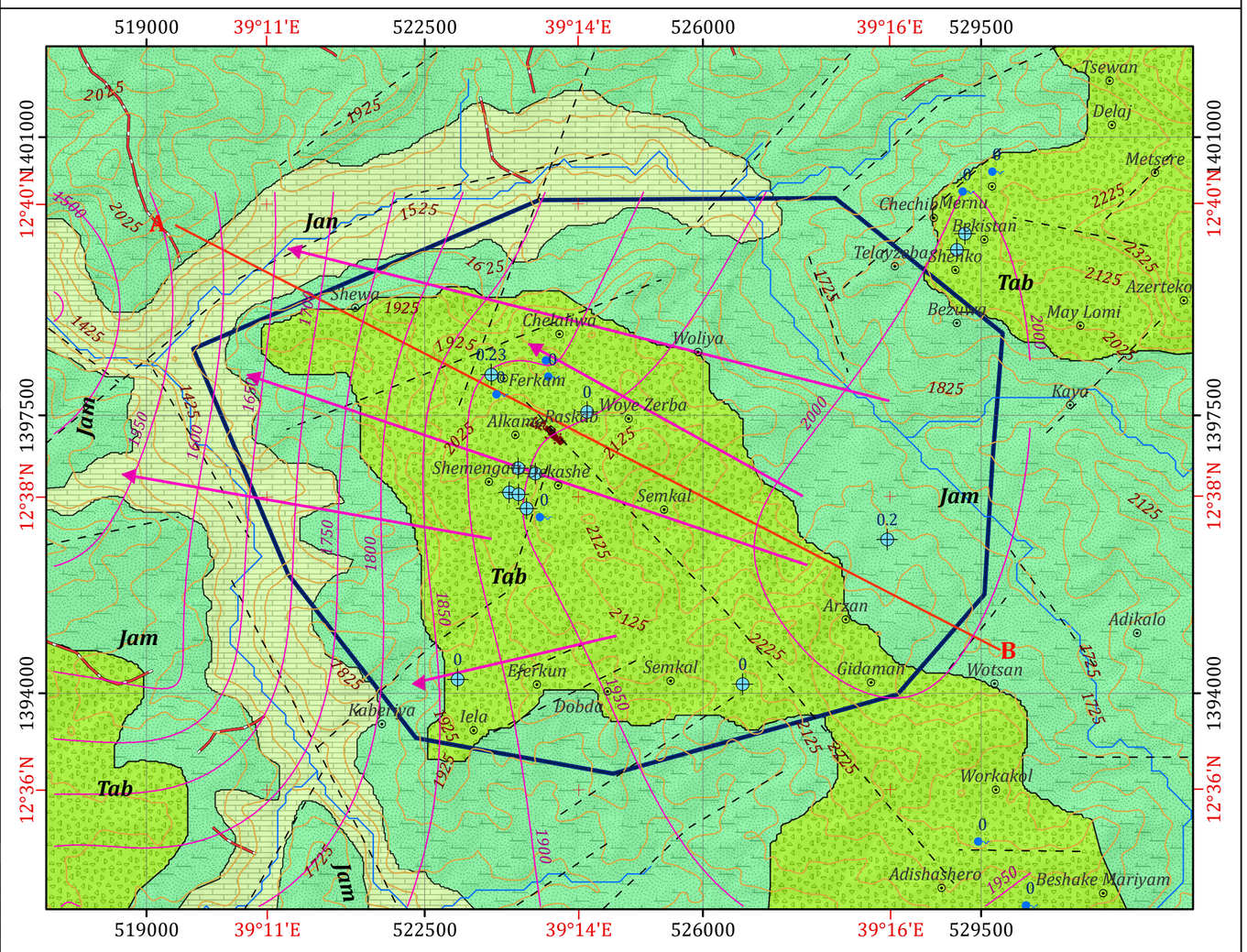






Disclaimer:

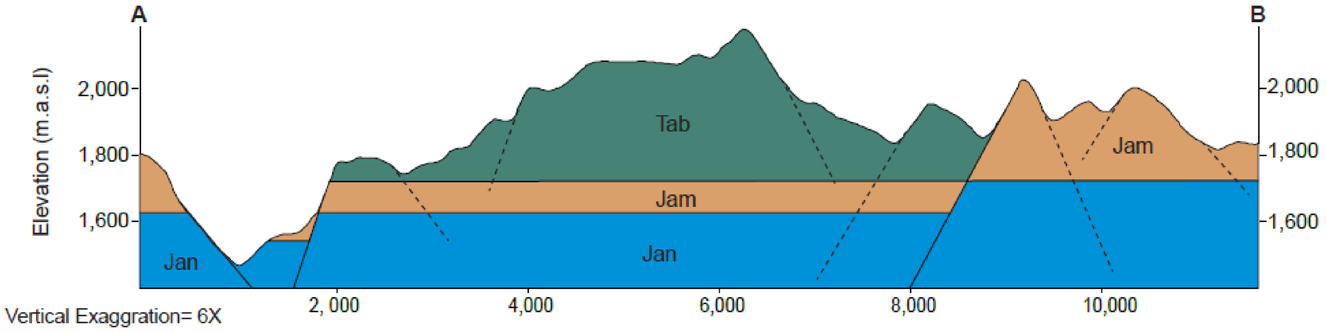
Administrative boundaries: CSA 2007
Built-up areas: Sentinel-2, Openstreetmap 2021



Scale: 1:50,000

0 2 4 6 8 Km

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



Legend

AQUIFER CLASSIFICATION

- Aquifer class-I: Moderately productive porous/ fissure Aquifer (T =1-10m 2/d, Q =0.5- 5 l/s)
- Aquifer class-II: Moderately productive fissure aquifer (T =1-10m 2/d, Q =0.5- 5 l/s)
- Aquifer class-III: Low productive fissured aquifers (T =0.1-1m 2/d, Q = 0.05-0.5 l/s)

LITHOSTRATIGRAPHIC UNITS

- Tab: Ashange basalt: Alkaline and transitional basaltic flows and associated tuffs (Eocene-Oligocene)
- Jam: Ambaradom Sandstone: Clay, silt, sandstone, pebble conglomerate, and silty clay stone, laterized in places
- Jan: Fine grained, crystalline limestone interbedded with marl sandy limestone

GEOLOGICAL STRUCTURES

- Lineament

OTHER SYMBOLS

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

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

UKaid from the British people
Ministry of Water and Energy
Acacia Water
Aquacon

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