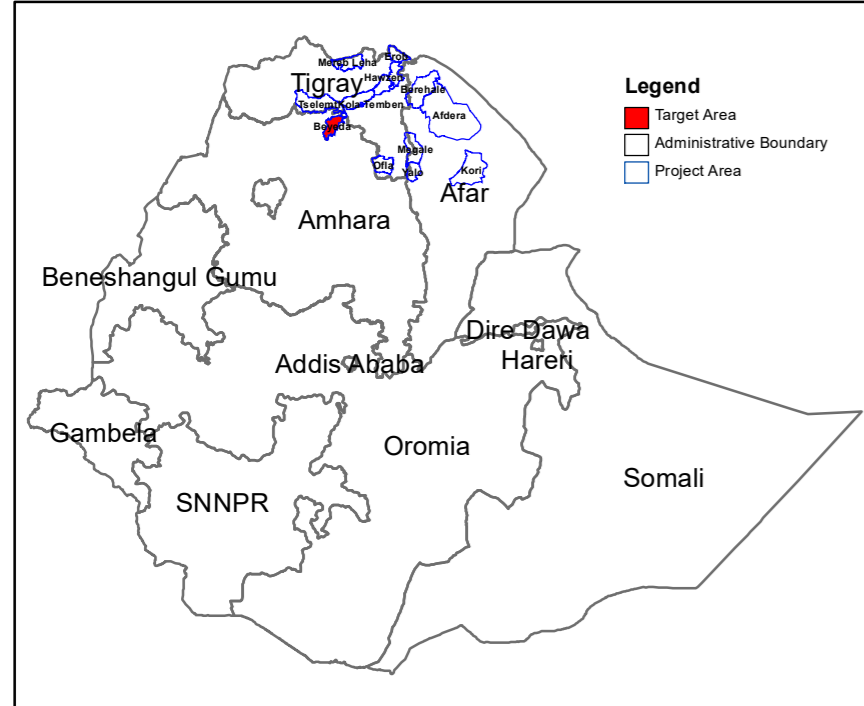
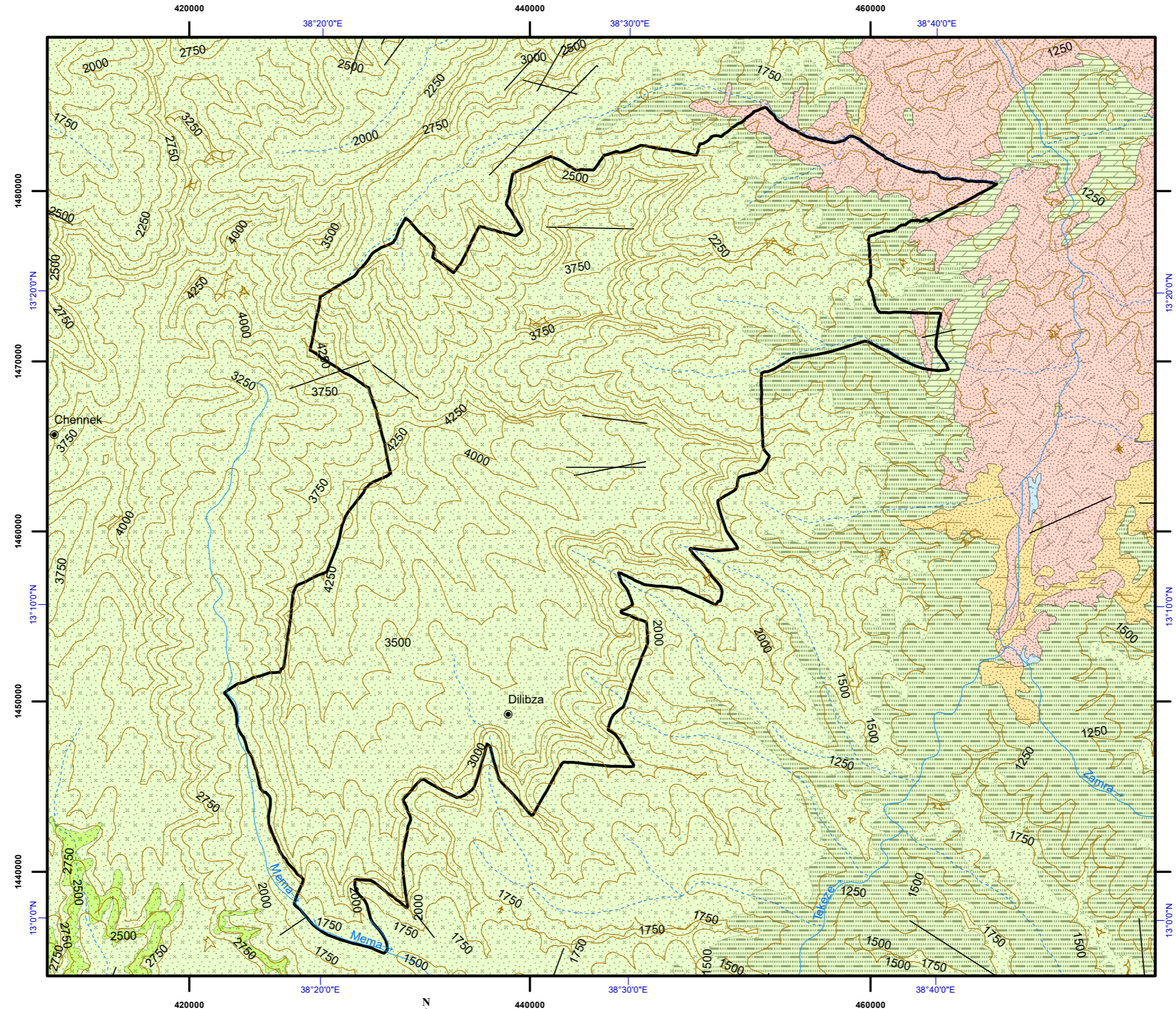
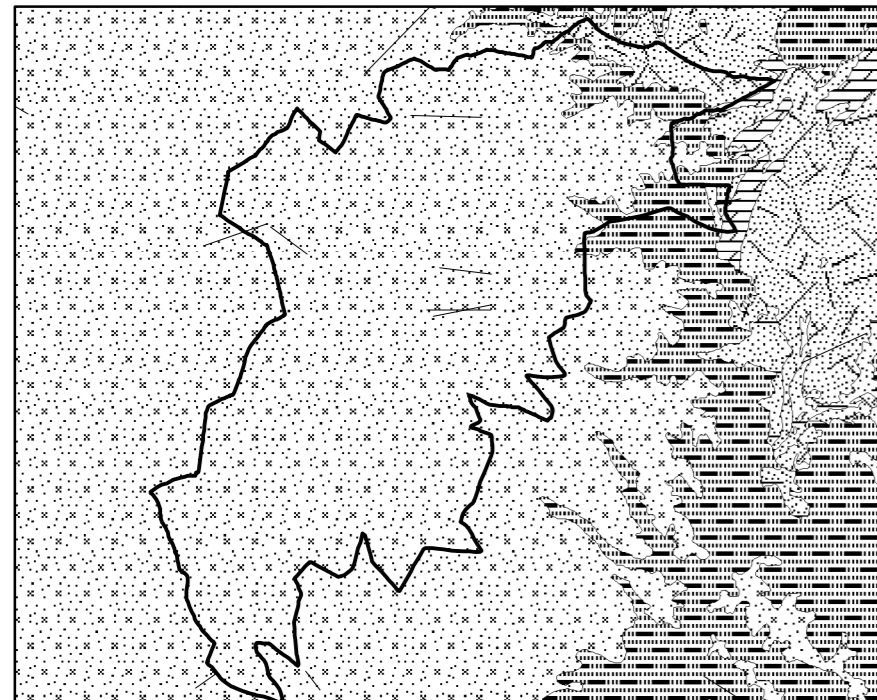


HYDROGEOLOGICAL MAP OF BEYEDA

PROJECT AREA



GEOLOGICAL MAP OF BEYEDA



LEGEND

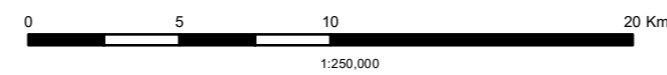
- Aquifer Classification**
- Moderately productive fissured aquifers ($T = 1 - 10 \text{ m}^2/\text{d}$, $q = 0.01 - 1 \text{ l/s.m}$, $Q = 0.5 - 5 \text{ l/s}$ for wells and/or springs) or local or discontinuous but highly productive aquifers consisting of sedimentary and volcanic rocks
 - Low productive fissured aquifers ($T = 0.1 - 1 \text{ m}^2/\text{d}$, $q = 0.001 - 0.01 \text{ l/s.m}$, $Q = 0.05 - 0.5 \text{ l/s}$ for wells and/or springs) in which flow is mainly developed in irregular system of fissures & weathered mantle of a crystalline rock
- Perennial river
Intermittent river
Contour
Fault
Town
Woreda Boundary
- Lithology**
- Basalt with minor trachyte and upper pyroclastic
 - Sandstone – Adigrat, Amba Aradom, Enticho
 - Dolomite interbedded with slate of Didikama Formation
 - Low grade metamorphic rocks – phyllite and slate-
metavolcanics rocks - intermediate and basic lavas, tuffaceous slate, agglomerate, rhyolite and metasediments - black slate, limestone, sandstone, siltstone and greywacke

Hydrogeological Mapping for Climate Resilient Wash in Ethiopia - Lot 1



Disclaimer:

This document was produced with the financial assistance of The Department for International Development, UK. The boundaries in this map are not authoritative or political. Geology compiled by Geological Survey of Ethiopia from 1971 to 2015. Hydrogeology compiled by: Jiri Sima, 2021. Digital Cartography: Shiferaw Ayele Mamo, 2021.



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