



Figure 4.

Quaternary magmatic segments (shaded) and eruptive centers (open ellipses) in the NMR are shown relative to Miocene border faults (BF).

The geochemical program will focus on lavas erupted within the three magmatic segments, both on the rift floor and at the volcanic centers indicated.

Axial refraction profile will run just east of Lake Ziway, and along the east side of calderas Bosetti, Kone and Fantale.

Cross-rift refraction profile will run NW-SE, crossing the Rift just north of Bosetti.

3D fan-profiling will have dense ray-path coverage encompassing the Koka magmatic segment north of Lake Ziway, and the Nazret magmatic segment south of Kone.

Inset: Sketch map of the Afar region. Figure adapted from Ebinger & Casey (2001).

