Distribution of basic petrological types of oceanic rifts tholeite basalts (TOR), seismic S-wave tomography and thier correlation with free air gravity anomalies at the area of Central Atlantic Ocean

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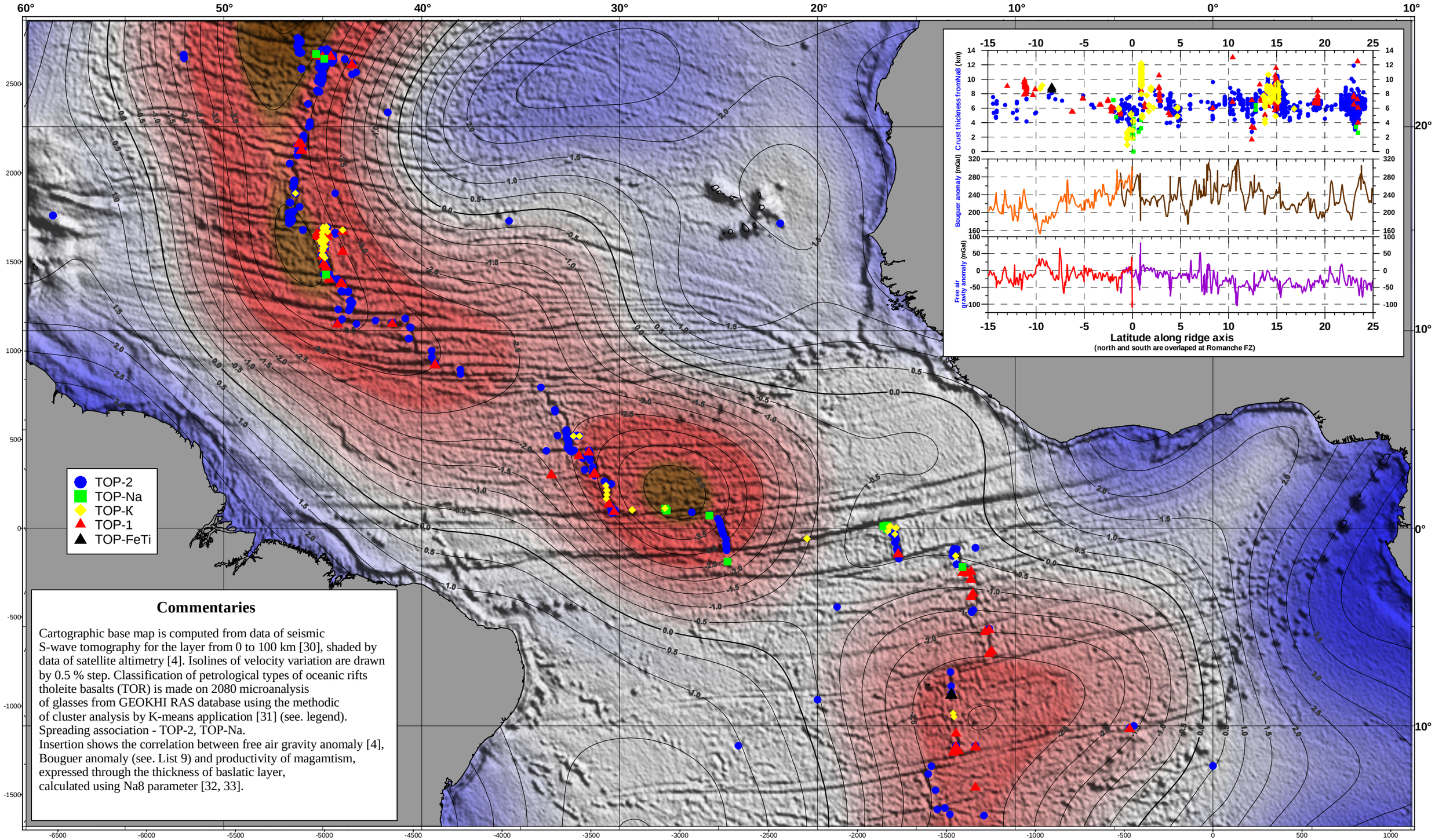

Commentaries

Cartographic base map is computed from data of seismic S-wave tomography for the layer from 0 to 100 km [30], shaded by data of satellite altimetry [4]. Isolines of velocity variation are drawn by 0.5 % step. Classification of petrological types of oceanic rifts tholeite basalts (TOR) is made on 2080 microanalysis of glasses from GEOKHI RAS database using the methodic of cluster analysis by K-means application [31] (see. legend). Spreading association - TOP-2, TOP-Na.
Insertion shows the correlation between free air gravity anomaly [4], Bouguer anomaly (see. List 9) and productivity of magamtism, expressed through the thickness of baslatic layer, calculated using Na8 parameter [32, 33].

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