

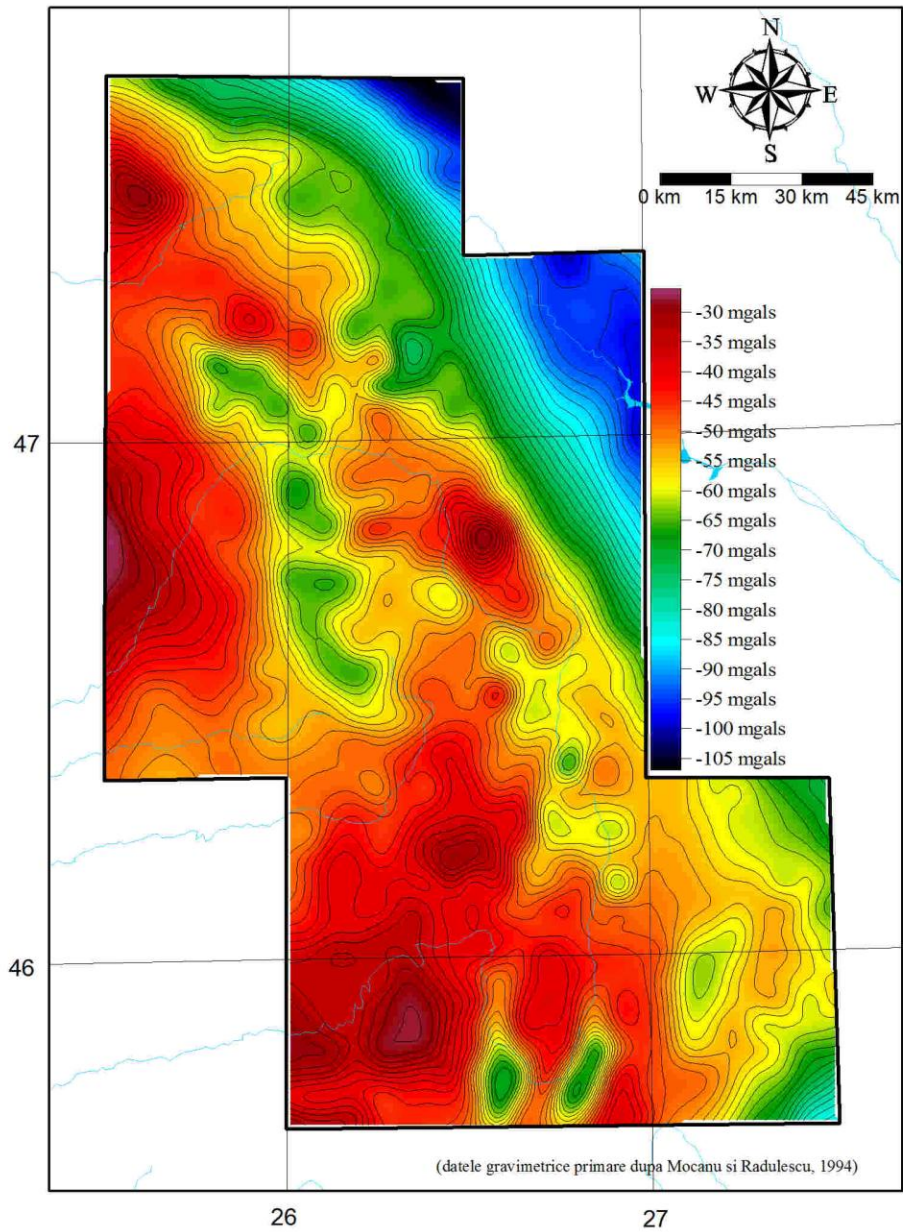
### **2.1.2. THE TRANSFER OF THE GRAVITY INFORMATION ON ELECTRONIC SUPPORT AND DATABASE VALIDATION**

A thorough review of the literature has revealed several papers useful to extract gravity information related to our project: Mocanu și Radulescu (1994), Ioane și Radu (1995), Atanasiu et al. (1996), Hackney et al. (2002), Ioane și Atanasiu (1998), Ioane et al. (2005) and Ioane și Ion (2005).

The most comprehensive of them seems to be Mocanu și Radulescu (1994) offering a synoptic image of the Bouguer anomaly on the whole territory of Romania.

The map published by the above-mentioned authors has been scanned, and digitised by employing the commercial application DIDGER (©Golden Software).

Data has been referred to the stereographic projection system STEREO 1970, and restitution of the gravity field has been provided for the study area by using the GIS compatible application SURFER (©Golden Software).



**Fig.4 - BOUGUER ANOMALY TREND WITHIN STUDY AREA**