

2.1.3. THE TRANSFER OF THE GROUND GEOMAGNETIC INFORMATION ON ELECTRONIC SUPPORT AND DATABASE VALIDATION

The review of the geophysical literature has pointed out several works dealing with the results of geomagnetic surveys within the study area.

The most comprehensive source is represented by the National Ground Vertical Geomagnetic Map of Romania (Airinei et al, 1983; 1984), providing a consistent image of the vertical component of the geomagnetic field over the whole territory of our country.

The published maps have been scanned and digitised, and information has been organised in the stereographic projection system STEREO 1970 by the help of the computer application DIDGER (©Golden Software).

The restitution of the variation of the vertical component of the geomagnetic field within the study area has been performed by employing the commercial application SURFER (©Golden Software).

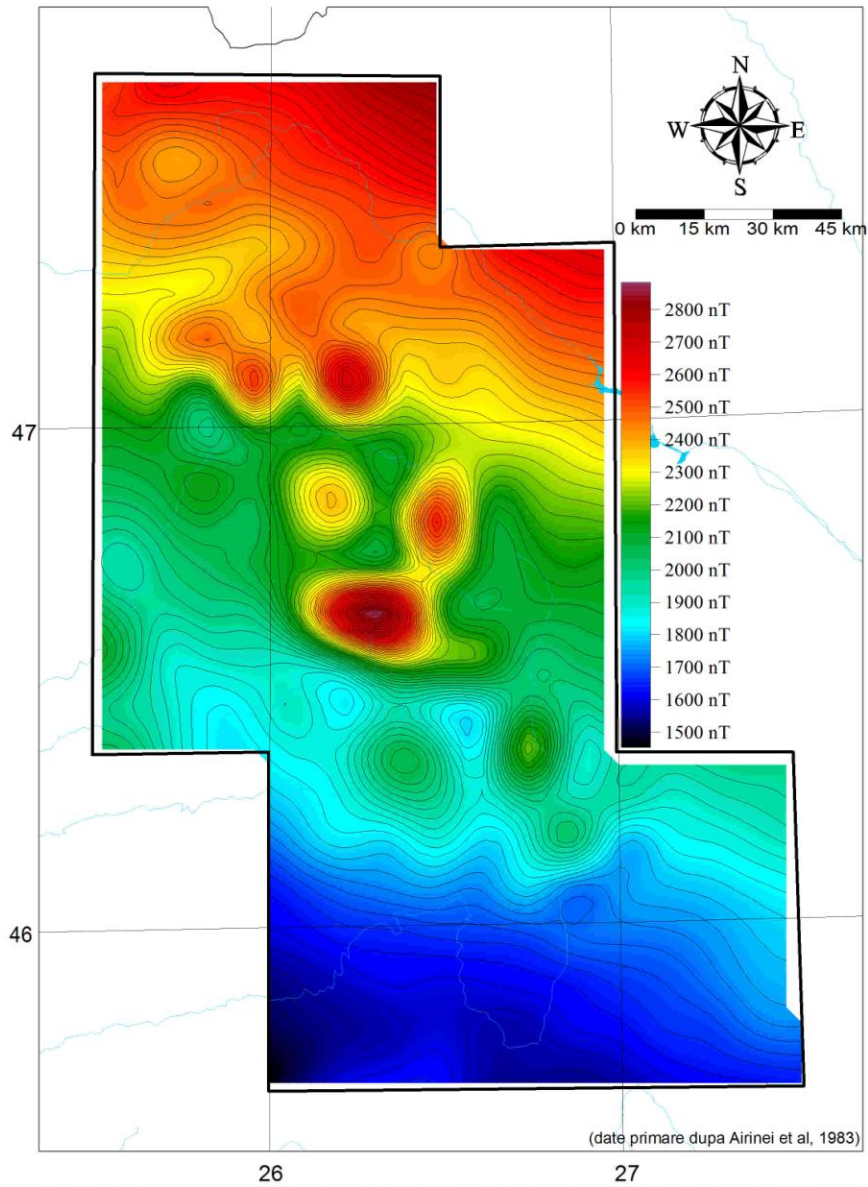


Fig. 5 - REGIONAL TREND OF THE VERTICAL COMPONENT OF THE GEOMAGNETIC FIELD WITHIN THE STUDY AREA