

Integrated study of the post-collisional Miocene-Quaternary volcanic forms in the East Carpathians using geological and geophysical constraints (InstEC)

2014-2nd stage

Budget 2014

In LEI

Salaries	158656,00
Inventory	18775,00
Mobility	54750,00
Overhead (23,16%)	53634,00
Total	285815,00

THE STRUCTURE OF RESEARCH ACTIVITIES

The research was following several objectives/activities in correlation with the research plan:

A. ACTIVITIES RELATED TO BUILDING A GIS DATABASE

(2) 1. BUILDING UP THE GEOLOGICAL AND GEOPHYSICAL GIS COMPATIBLE COMPUTER DATABASE (II)

(2) 1.1. ORGANIZING GEOLOGICAL DATA BASE

In this stage have been corelated to the existing geological map 1:1.000.000 a number of 17 frames (Fig 1), each of them containing ca. 570.000 admissions in attribute type tables of the digital model of the ground that will be used for generation of the final geological and geophysical maps. (Fig. 2).



Fig. 1. Digital model of the ground for the established INSTEC territory superimposed to the geological map 1:1000000 (IGR version).

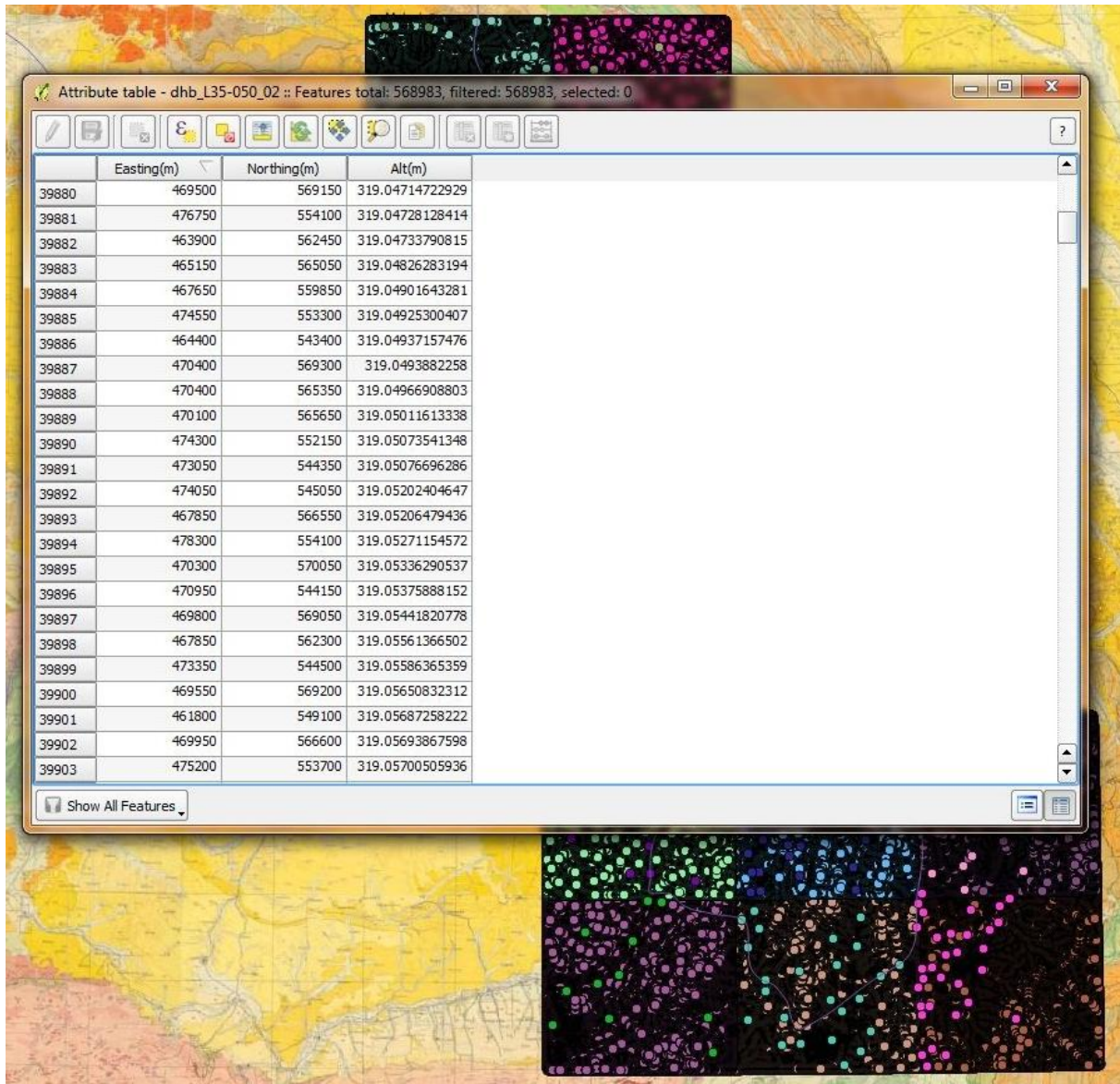


Fig. 2 Example of attribute type tables used for the digital model superimposed to the geological map 1:1000000 (IGR version)

As well, in this stage was evaluated the distribution along the Călimani-Gurghiu-Harghita volcanic chain, of a series of already published maps at the scale 1:50000, published by Geological Institute of Romania (Fig. 3). In the next stage the maps will be correlated and simplified with a new legend in a modern style with complex attribute tables.

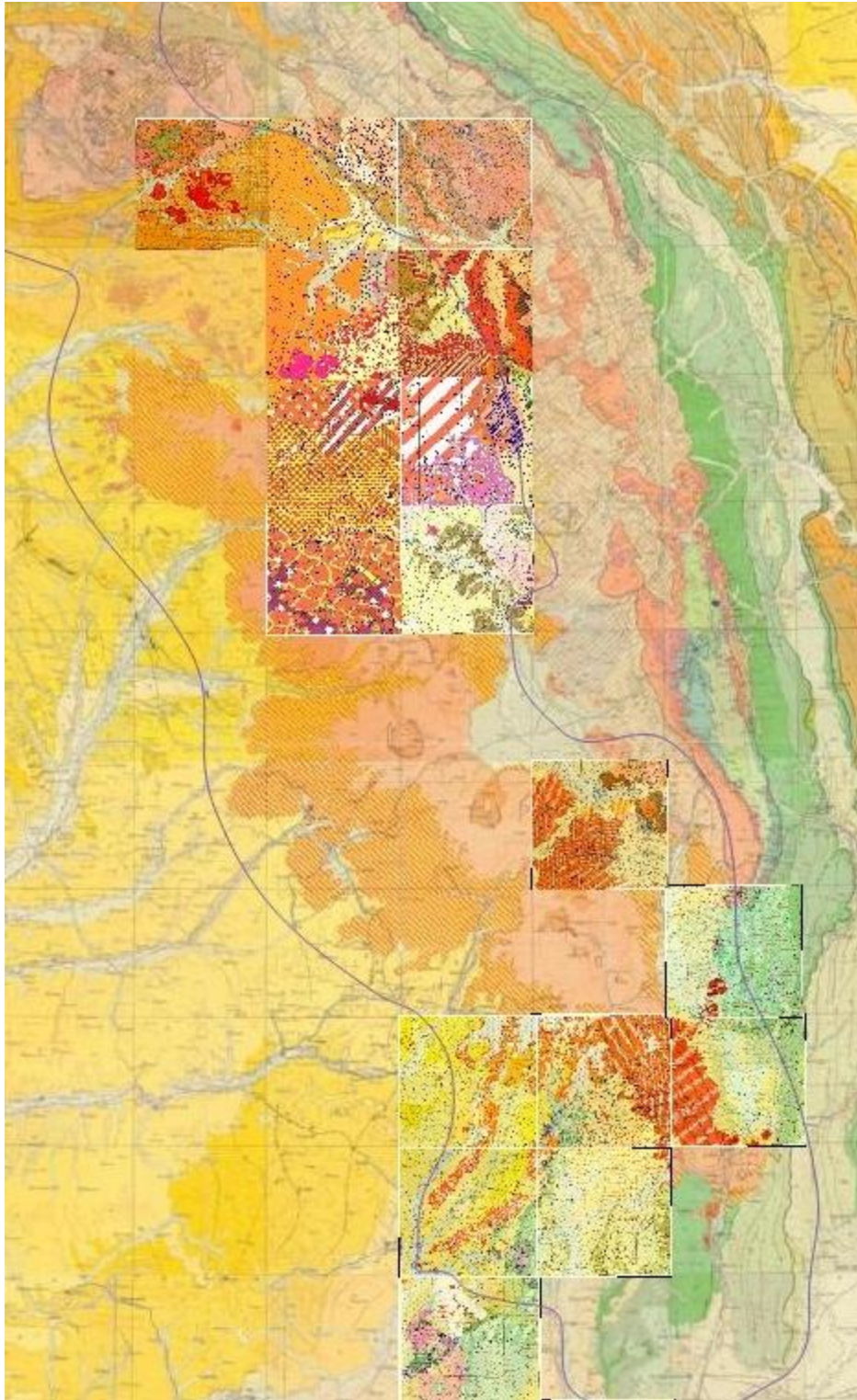


Fig. 3. Supperimpozed 1:50000 geological maps on the geological map 1.1000000 (all IGR version)