

GEOLOGICAL CARTOGRAPHY IN ALBANIA

Dr. ONUZI Kujtim.
Instituti i Studimeve dhe Projektimeve
te Gjeologjise
Blloku "Vasil Shanto", Tirana, Albania

The geological map of the Republic of Albania in the scale 1:200.000 is based on the same scale of topographic map. It is done a lot of cartographic work in Albania, in different scales, beginning with the scale 1: 100.000 and further with 1: 50.000, 1: 25.000, 1: 10.000.

It is well known that geological investigations are done simply with the help of a topographical map, a hammer and a compass. So the basic element is the topographical map where all geological elements are fixed producing a topographical-geological map.

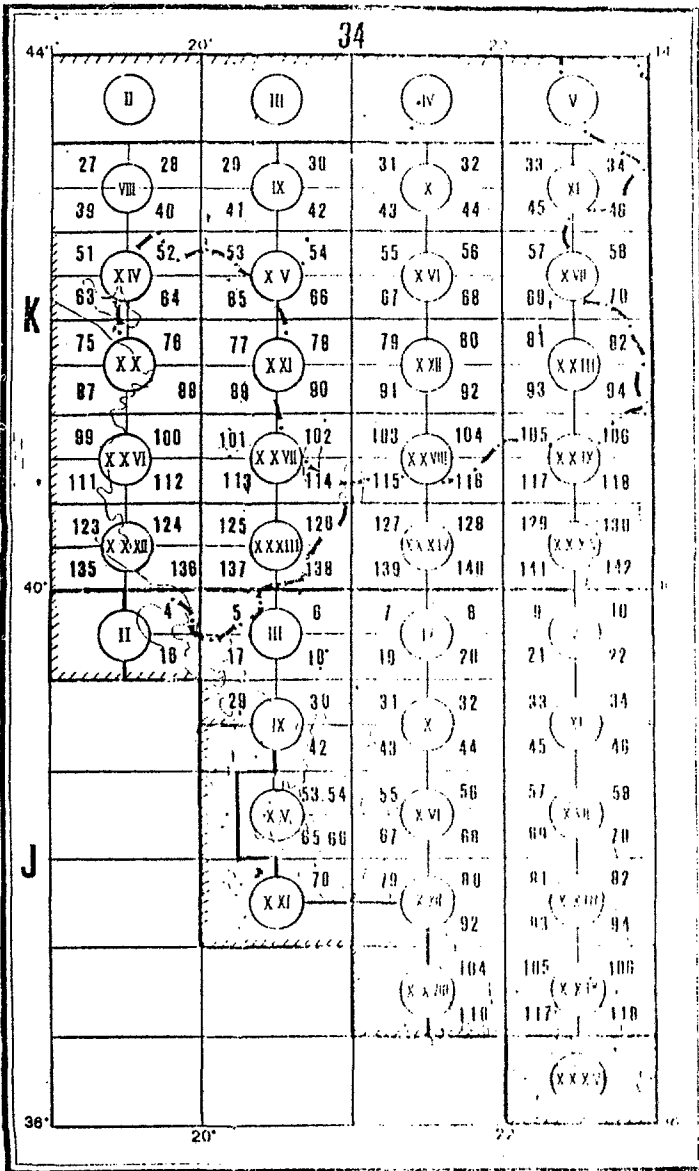
On the basis of regional geodesical investigations the territory of the Republic of Albania is included in the quadrat named R-34 and the other representing a limited territory belongs to the trapesoidal area named J-34.

On the basis of the rules of nomination and the code of terminology for further topo-geodesical detalisations, the territory of Republic of Albania is divided in several quadrats which begin with the smallest numbers from North and increase from left to right going South. For example the northeast extreme of Albanian territory is included in the quadrat K-34-51 which immediately on the right is followed by the quadrat K-34-52 and so on in the direction south where the last quadrat is J-34-17. This is the topographical nomination of the highest region of the territory of Albania. Further, applying technical rules for further detalisations in the scales of 1: 100.000, 1: 50.000, in quadrats corresponding to these scales.

According to the precision of geological studies is used the corresponding map of topographical nomination.

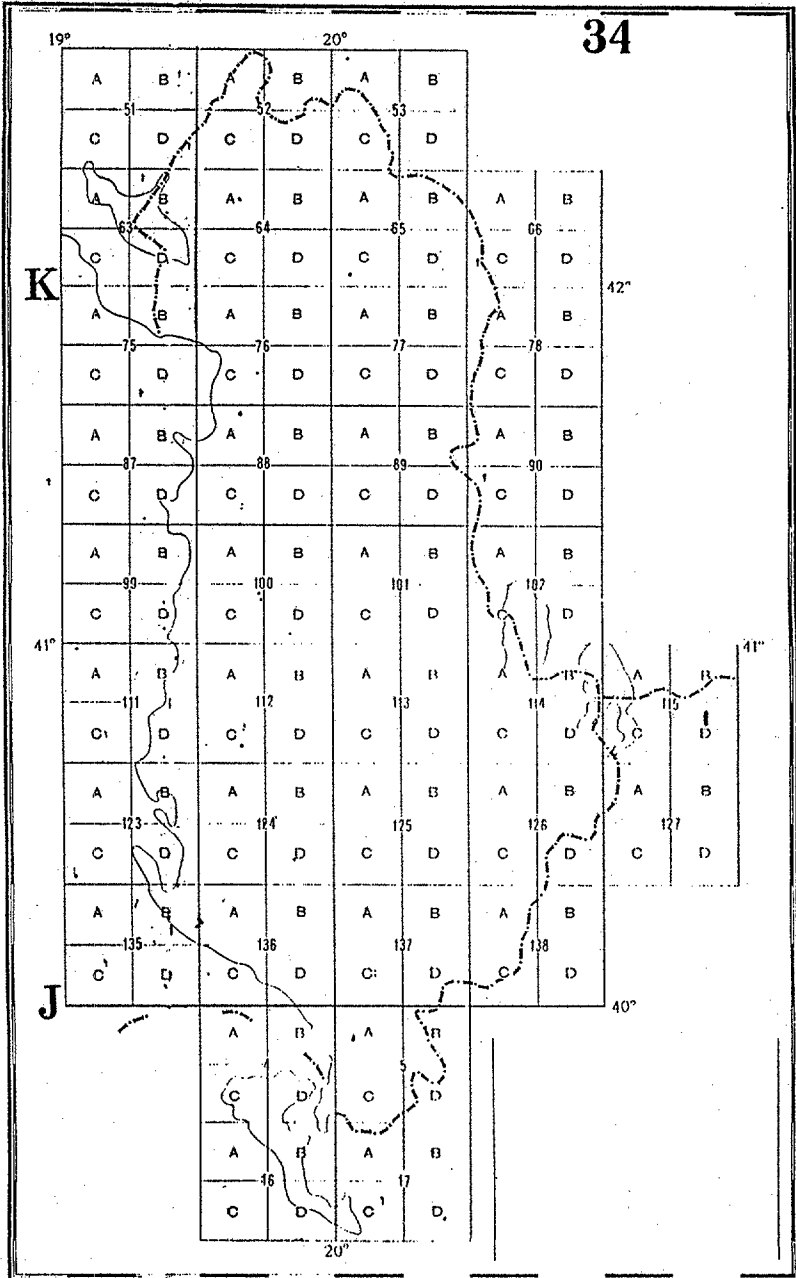
The presence of Albania of a lot of minerals conditioned the making of a detailed cartography of territories where these minerals are located. These geological maps combined with topographical ones served for the concentration of a great number of mines for the exploitation of a lot of minerals and gave possible directions for further investigations.

So the combinations of a topographical map of a satisfactory precision with a satisfactory geological cartography makes possible to achieve the purpose in the special field where their application is planned.



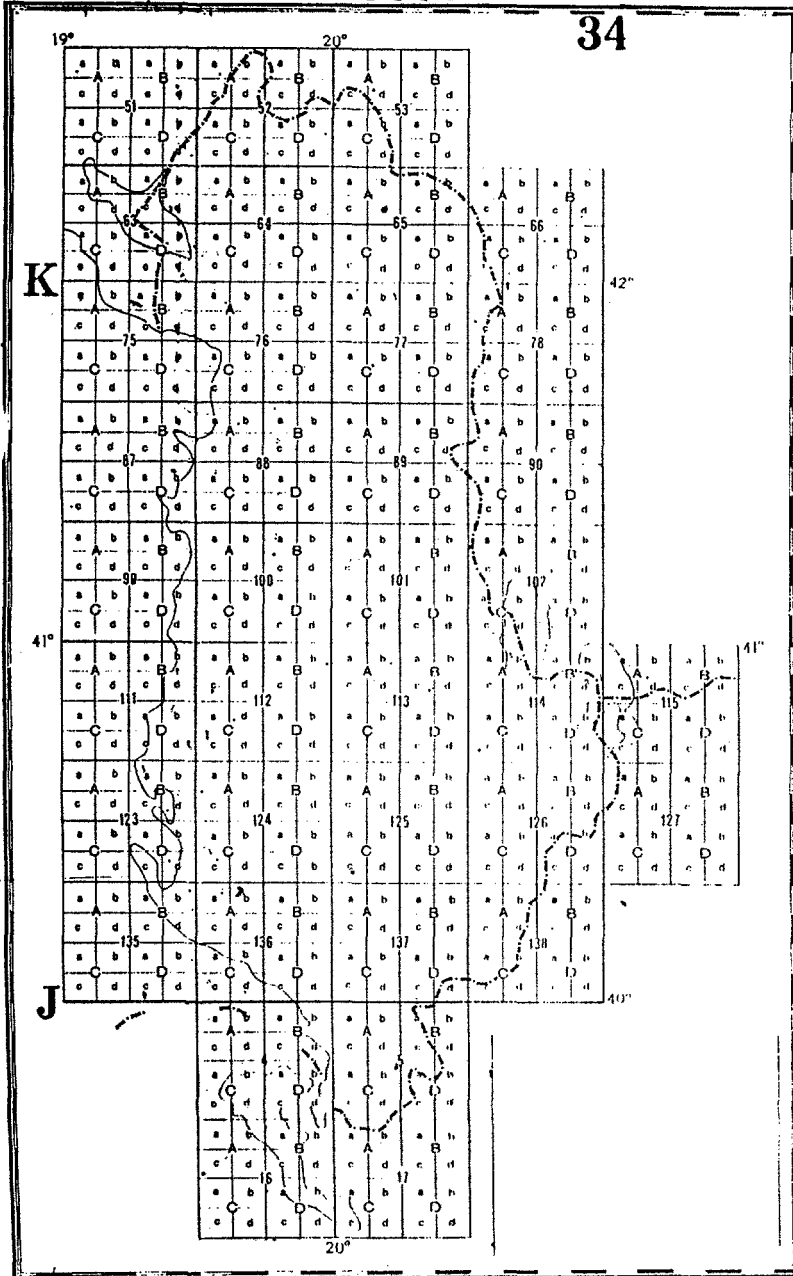
1 : 50000

34



1 : 25000

34



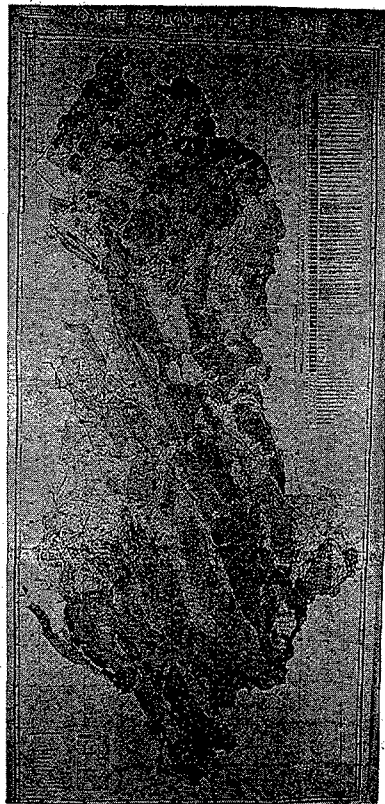


Fig.1 Geological map of Albania (scale 1:200000)

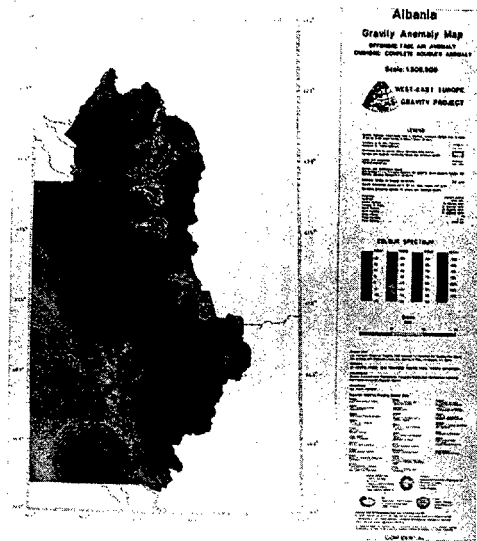


Fig.2 Gravity Anomaly Map (scale 1:500000)