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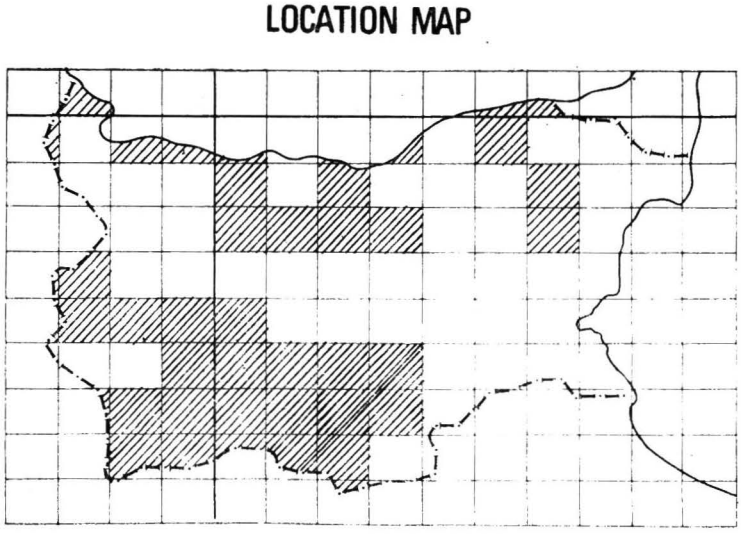
Bibliographia balcanica

Geological map of Bulgaria

1:100 000; about 90 sheets (cf. Fig. 1) in Bulgarian and English version; explicative notes (in Bulgarian, with brief explanation of the general geological features in English)

The first 30 sheets of the Geological map of Bulgaria on the scale 1:100 000 already appeared. This is the first map on this scale compiled almost simultaneously for a whole country following a unified legend. The printing began in 1990 and will finish in 1992.

The work on the map began in 1982 and proceeded in several stages. The first stage consisted in elaboration of the first version of the unified legend (on the lithostratigraphic principle, with all formal and informal lithostratigraphic units), and first versions of all sheets containing all published and unpublished geological information the unpublished maps on the scale 1:25 000 included. In the next two stages, the second and the third versions of the map were prepared on the basis of extensive field work: revisions and new map-



ping of some unsufficiently studied areas on scales ranging from 1:50 000 to 1:10 000. The final version was accompanied by geological profiles, comparative stratigraphic columnar sections, legend, tectonic scheme and scheme of the information sources as well as by explanatory note (in manuscript). After approval by the Editorial Council, and corrections by the authors according to the remarks of the reviewers (two scientists for each sheet) and the Editorial Council and Board, the authors and editors prepared the dummy for the Editorial House and the printer.

The Geological map of Bulgaria on the scale 1:100 000 is compiled by a great number of specialists from the Committee of Geology, its Department for Geophysical Studies and Geological Mapping, the Geological Institute of the Bulgarian Academy of Sciences, and the Research Institute for Mineral Deposits of the Committee of Geology. The work was carried out under the scientific supervision of the Geological Institute of the Bulgarian Academy of Sciences, and the editorial work was performed by the Editorial Board. The final approval is in the competence of a national Editorial Council formed by prominent scientists from all geological institutions of this country — the Sofia University "St. Kliment Ohridski", the University of Min-

ing and Geology, the Geological Institute of the Bulgarian Academy of Sciences, the Research Institute for Mineral Deposits, the Research Laboratory for Rare Metals, the Committee of Geology and the Department for Geophysical Studies and Geological Mapping.

The map contains a wealth of geological information. It reflects all valid formal lithostratigraphic units introduced in the Bulgarian national stratigraphic nomenclature in accordance with the Bulgarian Stratigraphic Code, as well as some informal lithostratigraphic units (state end 1990). The possible maximum of details is included: lithostratigraphic units of different rank (groups, formations and even members), lithodeme units (plutons and other magmatic bodies grouped in complexes), lithologic varieties, thrusts and faults, elements of bedding, foliation, and superimposed schistosity, superimposed secondary alterations etc. The most valuable data about deep boreholes are also shown, and this information is interpreted in the geological profiles. The explanatory notes give a brief account on the lithostratigraphic units and their age (based on fossil content), the geological structure and mineral deposits, and are acompanied by extensive lists of the most important references on the stratigraphy and structural geology of each sheet.

The Geological map of Bulgaria on the scale 1:100 000 may be used as a geological basis for compilation of different maps: geoecological, tectonic, hydrogeological, metallogenic etc.; in the prospection for mineral deposits (oil and gas included); in designing and construction of roads, dams etc., and in teaching university students.

The first 30 sheets (in Bulgarian and in English versions) cover parts of the Rhodope Massif and the Moesian Platform (Fig. 1). The prices are not yet definitely fixed but they will be conformed with the possibilities both of the institutions and of the individuals. Orders should be forwarded to the Department for Geophysical Studies and Geological Mapping, Blv. Hristo Kabakchiev 21, 1505 Sofia.

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