

In the period of 1970 – 1978, the whole area of Slovakia, 49,030 km² in total, was covered by the uniformly created basic hydrogeological maps in the scale of 1:200,000. These maps accompanied by the maps of groundwater chemistry in the same scale. 12 map sheets, each ideally covering 7,448 km² (98 km x 76 km) were produced as manuscripts and their printed versions came later (gradually in the period of 1983 – 1991). Up to now; this is the only edition of hydrogeological maps that is covering the whole area of Slovakia. Methodology of construction of these maps in the scale of 1:200,000 was adopting the IAH/UNESCO rules published in 1970 (adopted by Jetel & Kullman, 1970), and it was unified for all sheets covering the former Czechoslovakia, including these on the Czech and Slovak border, which were produced by the cooperation of both national Institutes in Prague (ÚÚG) and Bratislava (GÚDŠ). Responsible editors of the individual printed map sheets are as follows:

- sheet 45 Nitra: Franko & Pospíšil (1983)
- sheet 37 Košice: Hanzel (1988)
- sheet 27 Poprad: Hanzel (1984)
- sheet 25 Zlín: Jetel (1991)
- sheet 34 Znojmo: Krásný & Kullman (1989)
- sheet 44 Bratislava: Kullman (1983)
- sheet 35 Trnava: Kullman (1988)
- sheet 36 Banská Bystrica: Kullman (1988)
- sheet 46-47 Lučenec – Rimavská Seč: Škvarka (1984)
- sheet 38 Michalovce: Škvarka (1985)
- sheet 28 Svidník: Zakovič (1985)
- sheet 26 Žilina: Zakovič (1987)

For the purposes of the hydrogeological informatics project (Malík & Švasta, 1998), in the period of 1995 – 1998 the whole set of printed hydrogeological maps in the scale of 1 : 200 000 was digitized and processed in Mapinfo GIS files. The legend was later converted into the eWater project („Multilingual cross-border access to ground water databases“) international hydrogeological legend, relying on the Struckmeier & Margat (1995) handbook on hydrogeological mapping. Using this legend format, these maps are presented both in English and Slovak versions.

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