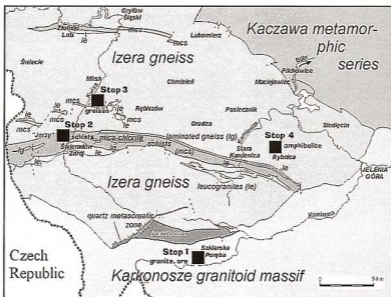


INTRODUCTION TO THE FIELD TRIP  
 SZKLARSKA PORĘBA HUTA – “JERZY” QUARRY AT KROBICA –  
 WYRWAK HILL – RYBNICA (KARKONOSZE–IZERA BLOCK)

The field trip leads from the marginal part of the Karkonosze granitoid massif through the contact zone of the metamorphic cover to the main units of this cover. The first stop is devoted to the petrological problems of the Karkonosze granitoids



Schematic map of the field trip.

and ore mineralisation of the tin-tungsten-sulphide type in the quarry at Szklarska Poręba Huta (W part of the town of Szklarska Poręba). From there the route passes the hornfels belt and along the Kwisa River valley through the area of the Izera gneiss (in the Izera Mountains) approaches the Stara Kamiénica schist ridge. The mica-chlorite schists with garnets one may observe in the large “Jerzy” quarry at Krobica-Orłowice, i.e. at the stop two. Next, again along the Kwisa River in the area of the Izera Upland, the village of Kamién is reached (stop three), where, in

the bed of the river, Izera gneiss, leucogranites (albite metasomatites) and amphibolites may be observed. After a short walk to the east, on a low hill called Wyrwak or Martwy Kamień, the metasomatites like leucogranites, tourmalinites and topaz and mica greisens may be seen. Zones of amphibolites and mica-chlorite schists occur adjacent to the metasomatic bodies.

Further, the way heads to the north, where Tertiary basaltoid hills may be seen in the plains of the Izera Upland, which are built mainly from several varieties of gneiss. Afterwards, turning east and driving the road to the city of Jelenia Góra, the trip route leads to the village of Rybnica, where the amphibolite body in the Izera gneiss is observable in a small quarry (stop four). This is one of the numerous amphibolite veins, intercalations and zones, which occur in the area of the Izera Mountains and Izera Upland, within both gneisses and mica-chlorite schists. More detailed descriptions of the stops and certain genetic considerations are given in the next articles of this volume.

A.K.