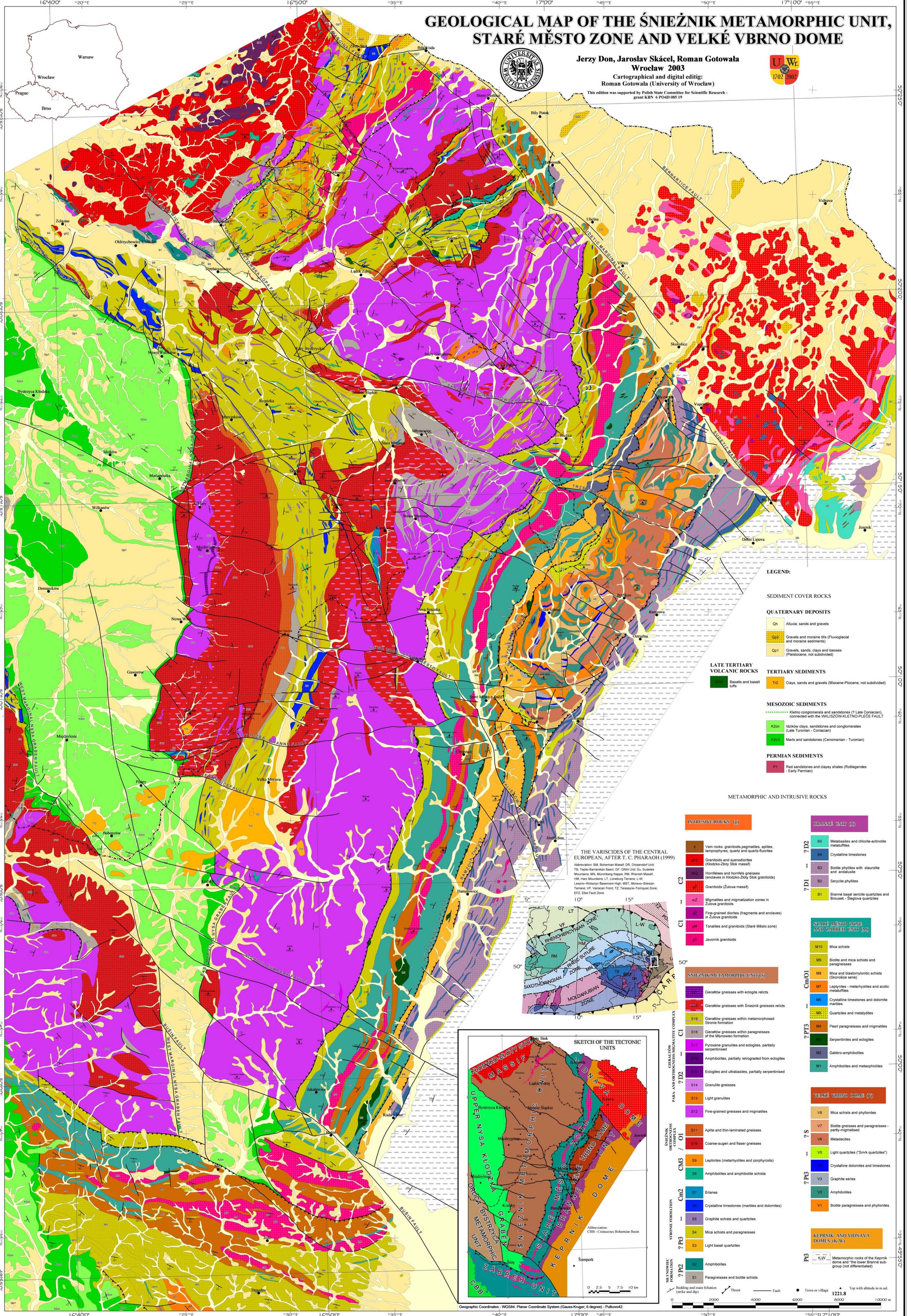


GEOLOGICAL MAP OF THE ŚNIEŻNIK METAMORPHIC UNIT, STARÉ MĚSTO ZONE AND VELKÉ VBRNO DOME

Jerzy Don, Jaroslav Skácel, Roman Gotowała
Wrocław 2003

Cartographical and digital editing:
Roman Gotowała (University of Wrocław)

This edition was supported by Polish State Committee for Scientific Research - grant KBN 6 P04D 085 19



- LEGEND:**
- SEDIMENT COVER ROCKS**
 - QUATERNARY DEPOSITS**
 - Qh Alluvia: sands and gravels
 - Qp2 Gravels and moraine tills (Fluvio-glacial and moraine sediments)
 - Qp1 Gravels, sands, clays and loesses (Pleistocene, not subdivided)
 - LATE TERTIARY VOLCANIC ROCKS**
 - Basalts and basalt sills
 - TERTIARY SEDIMENTS**
 - Tr2 Clays, sands and gravels (Miocene-Pliocene, not subdivided)
 - MESOZOIC SEDIMENTS**
 - K2on Kłodzko conglomerates and sandstones (? Late Cretaceous), connected with the WALISZOW-KLETNO-PLĘCE FAULT
 - K2on Idzików clays, sandstones and conglomerates (Late Turonian - Coniacian)
 - K2ol Marls and sandstones (Cenomanian - Turonian)
 - PERMIAN SEDIMENTS**
 - P1 Red sandstones and clayey shales (Rotliegendes - Early Permian)

- METAMORPHIC AND INTRUSIVE ROCKS**
- INTRUSIVE ROCKS (I)**
 - I1 Vein rocks: granitoids, pegmatites, apfites, lamprophyres, quartz and quartz-fuopites
 - I2 Granitoids and syenodiorites (Kłodzko-Złoty Stok massif)
 - I3 Hornfelses and hornfels gneisses (enclaves in Kłodzko-Złoty Stok granitoids)
 - I4 Granitoids (Żużwa massif)
 - I5 Migmatites and migmatization zones in Żużwa granitoids
 - I6 Fine-grained diorites (fragments and enclaves) in Żużwa granitoids
 - I7 Tonallites and granitoids (Staré Město zone)
 - I8 Javorník granitoids
 - BRANNE ÚSTÍ (B)**
 - B2 Metabasites and chlorite-actinolite metabasites
 - B4 Crystalline limestones
 - B3 Biotite phyllites with staurolite and andalusite
 - B2 Sarcylite phyllites
 - B1 Braně basal sericite quartzites and Brousek - Štěpava quartzites
 - STARÉ MĚSTO ZONE AND ZÁBRHEŮ UNIT (M)**
 - M10 Mica schists
 - M9 Biotite and mica schists and paragneisses
 - M8 Mica and blastomylonitic schists (Skorčice serie)
 - M7 Leptylites - metatrypholites and acidic metabasites
 - M6 Crystalline limestones and dolomite marbles
 - M5 Quartzites and metalydites
 - M4 Pearl paragneisses and migmatites
 - M3 Serpentinolites and eclogites
 - M2 Gabbro-amphibolites
 - M1 Amphibolites and metapophyllites
 - VELKÉ VBRNO DOME (V)**
 - V8 Mica schists and phyllonites
 - V7 Biotite gneisses and paragneisses - partly-migmatized
 - V6 Metatactes
 - V5 Light quartzites ("Smrk quartzites")
 - V4 Crystalline dolomites and limestones
 - V3 Graphite series
 - V2 Amphibolites
 - V1 Biotite paragneisses and phyllonites
 - KEPNIK AND VIDNAVA DOMES (K-W)**
 - K-W Metamorphic rocks of the Kepník dome and the lower Braně sub-group (not differentiated)

THE VARISCIDES OF THE CENTRAL EUROPEAN, AFTER T. C. PHARAOH (1999)

Abbreviation: BM - Bohemian Massif; DR - Dorsendorf Unit; TB - Teplice-Barrandian Basin; GF - Glatz Unit; Su - Sudetes Mountains; MK - Müritzerberg Nappe; RM - Rhenish Massif; HM - Harz Mountains; LT - Lüneburg Terrace; L-W - Leine-Wolzstyn Basement High; MST - Moravo-Silesian Tectonic VF - Variscan Front; TZ - Teisseyre-Tongassat Zone; EFZ - Ebné Fault Zone.

