

G E O L O G I C A L M A P O F T H E REISSECK AND SOUTHERN ANKOGEL GROUPS

Geology by R.A.Cliff, R.J. Norris, E.R.OXBURGH, R.C. Wright, 1962 - 1969

Department of Geology and Mineralogie, University of Oxford

- LITHOLOGIES**
 (Note: Almost all lithologies may contain subsidiary intercalations of other rock types)
- PERIPHERAL SCHIEFERHÜLLE**
- Calc-schists, calc-phylites, marbles with subsidiary black non-calcareous phylites and greenstones
 - Dark phylites with subsidiary thin dark quartzites
 - Chloritic schists and amphibolites with subsidiary mica-schists and calc-phylites
 - Mica-schists, locally garnetiferous
 - "Weisschiefer" phengite, quartz (tourmaline) schists
 - Dolomite quartzite breccia; buff quartzites locally dolomitic; dolomitic marble
 - Augengneiss and banded gneiss of the Mülltal gneiss-lamellae

- INNER SCHIEFERHÜLLE**
- Schistose gneiss, locally garnetiferous micaceous, quartzo-feldspathic platy gneiss
 - Fine banded gneiss, alternating leucocratic and melanocratic bands on a scale of 2-10 cm
 - Grey banded gneiss, massive mesocratic units banded on a scale of cm to several m, locally with augen
 - Banded gneiss undifferentiated
 - Dark green amphibolites, locally coarsely garnetiferous
 - Mica-schists locally somewhat invaded by leucocratic igneous material

- ZENTRALGNEIS**
- Tonalite, foliated and unfoliated
 - Granodiorite, composition gradational into tonalite, K-feldspat present, biotite 10%
 - Coarse biotite augengneiss
 - Fine biotite augengneiss
 - Undifferentiated biotite augengneiss
 - Coarse leucocratic granite gneiss with augen
 - Fine-grained leucocratic granite gneiss
 - Undifferentiated leucocratic granite gneiss
 - Coarse leucogranite
 - Fine leucogranite
 - Fine-grained porphyritic granite
 - Serpentine, in both Inner- and Peripheral-Schieferhülle
 - "Vained gneisses", lithologies strongly injected with aplitic and granitic material

- GEOLOGICAL BOUNDARIES**
- Exposed
 - Inferred
 - Gradational
 - Low-angle fault or Shear Zone
 - Steep fault

- SUPERFICIAL DEPOSITS**
- Moraine, Boulder fields, Scree and Debris-fans
 - Mölltal alluvium
 - Glaciers and permanent snowfields
 - Contours 100 m interval
 - Spotheight 2219 metres above sea level
 - Peakheight 2658 metres above sea level
 - Rivers
 - Lakes
 - Alm Hut

- Mountain Hut
- Main Roads
- Minor Roads, Tracks and Footpaths
- Railway with Station
- Railway in Tunnel
- Cable-railway
- Narrow-gauge, mountain railway and tunnel
- Dam
- Bridge

ATTITUDE OF MAIN SCHISTOSITY

- 0 - 10°
- 11 - 40°
- 41 - 70°
- 71 - 90°

SCALE 1:25 000

