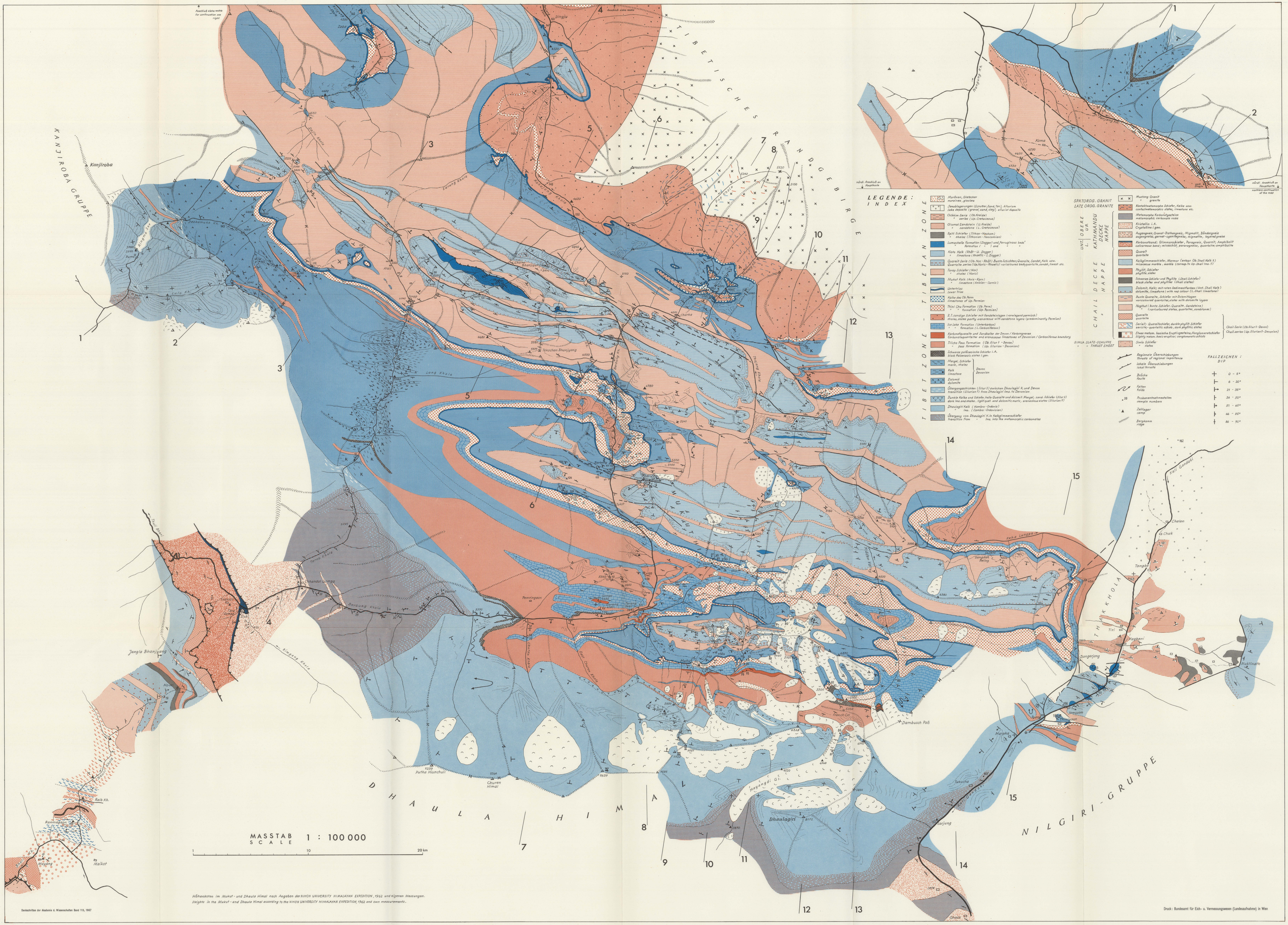
GEOLOGISCHE KARTE VON DOLPO UND DHAULA HIMAL

Geological Map of the Dolpo region and the Dhaula Himal

G. FUCHS, 1964



LEGENDE: INDEX

TIBETAN ZONE

- Moränen, Gletscher; moraines, glaciers
- Seeablagerungen (Schotter, Sand, Ton); Alluvium; lake deposits (gravel, sand, clay); alluvial deposits
- Chiklim Serie (Ob. Kreide); series (Up. Cretaceous)
- Gliumal Sandstein (U. Kreide); sandstone (L. Cretaceous)
- Spiti Schiefer (Tithon - Neokom); shales (Tithonian - Neocomian)
- Lumachelle Formation (Dogger) und ferruginous beds; formation (" ") and " "
- Kioto Kalk (Rhät - U. Dogger); limestone (Rhaetic - L. Dogger)
- Quarzit Serie (Ob. Nor. - Rhät); Dunte-Schichten; Quarzite, Sandst., Kalk usw.; Quartzite series (Ob. Norian - Rhaetic); variicoloured bedsquartzite, sandst., limest. etc.
- Tarap Schiefer (Nor); shales (Norian)
- Mukut Kalk (Anis - Karn); limestone (Anisian - Carnic)
- Untertrias; Lower Trias
- Kalke des Ob. Perm; limestones of Up. Permian
- Thini Cho Formation (Ob. Perm); " " formation (Up. Permian)
- P.T. sandige Schiefer mit Sandsteinlagen (vorwiegend permisch); shales, slates partly arenaceous with sandstone layers (predominantly Permian)
- Ice Lake Formation (Unterkarbon); " " formation (L. Carboniferous)
- Karbonatquarzite und Sandkalke der Devon / Karbongrenze; Carbonatequartzites and arenaceous limestones of Devonian / Carboniferous boundary
- Tilicho Pass Formation (Ob. Silur ? - Devon); " " Pass formation (Up. Silurian - Devonian)
- Schwarze paläozoische Schiefer i.A.; black Palaeozoic slates i.gen.
- Mergel, Schiefer; marls, shales — Devon / Devonian
- Kalk; limestone — Devon / Devonian
- Dolomit; dolomite — Devon / Devonian
- Übergangsschichten (Silur ?) zwischen Dhaulagiri K. und Devon; transition (Silurian ?) from Dhaulagiri lms. to Devonian
- Dunkle Kalke und Schiefer, helle Quarzite und dolomit. Mergel, sand. Schiefer (Silur ?); dark lms. and shales, light-quat. and dolomitic marls, arenaceous slates (Silurian ?)
- Dhaulagiri Kalk (Kambro - Ordovic); lms. (Cambro - Ordovician)
- Übergang von Dhaulagiri K. in Kalkglimmerschiefer; transition from Dhaulagiri lms. into the metamorphic carbonates

UNT. OBERE L. KATHMANDU DECKE NAPPE

CHAILE DECKE NAPPE

SPÄTOROG. GRANIT
LATE OROG. GRANITE

- Mustang Granit; granite
- Kontaktmetamorphe Schiefer, Kalke usw.; contactmetamorphic slates, limestone etc.
- Metamorphe Karbonatgesteine; metamorphic carbonate rocks
- Kristallin i.A.; Crystalline i.gen.
- Augengneis, Granat-Disthengneis, Migmatit, Bändergneis; augengneiss, garnet-cyanitegneiss, migmatite, layered gneiss
- Karbonatband; Glimmerschiefer, Paragneis, Quarzit; Amphibolit; calcareous band; micaschist, paragneiss, quartzite; amphibolite
- Quarzit; quartzite
- Kalkglimmerschiefer, Marmor (entspr. Ob. Shail Kalk ?); micaceous marble, marble (corresp. to Up. Shail lms. ?)
- Phyllit, Schiefer; phyllite, slates
- Schwarze Schiefer und Phyllite (Shail-Schiefer); black slates and phyllites (Shail slates)
- Dolomit, Kalk; mit roten Sedimentfarben (Unt. Shail Kalk); dolomite, limestone; with red colour (L. Shail limestone)
- Bunte Quarzite, Schiefer mit Dolomitlagen; variicoloured quartzites, slates with dolomite layers
- Naghthal (bunte Schiefer, Quarzite, Sandsteine); (variicoloured slates, quartzites, sandstones)
- Quarzite; quartzites
- Serizit-, Quarzitschiefer, dunkle phyllit-Schiefer; sericite-, quartzitic schists; dark phyllitic slates — Chail Serie (Ob. Silur ? - Devon); Chail series (Up. Silurian ? - Devonian)
- Etwas metam. basaltische Eruptivgesteine, Konglomeratschiefer; Slightly metam. basic erruptives; conglomeratic schists
- Simla Schiefer; slates

SIMLA SLATE-SCHUPPE
" " THRUST SHEET

- Regionale Überschiebungen; thrusts of regional importance
- lokale Überschiebungen; local thrusts
- Brüche; faults
- Falten; folds
- 28 Probenentnahmestellen; sample numbers
- Zeltlager; camp
- Bergkamm; ridge

FALLZEICHEN: DIP

- 0 - 5°
- 6 - 20°
- 21 - 35°
- 36 - 70°
- 71 - 85°
- 86 - 85°
- 86 - 90°

MASSTAB SCALE 1 : 100 000

1 10 20 km

Höhenkoten im Mukut - und Dhaula Himal nach Angaben der NIHON UNIVERSITY HIMALAYAN EXPEDITION, 1962 und eigenen Messungen.
Heights in the Mukut - and Dhaula Himal according to the NIHON UNIVERSITY HIMALAYAN EXPEDITION, 1962 and own measurements.

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