LEGEND

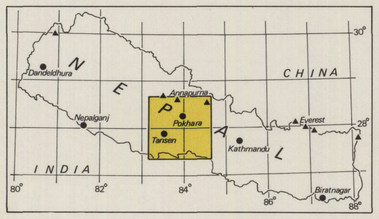
TANSEN—SYANGJA AREA

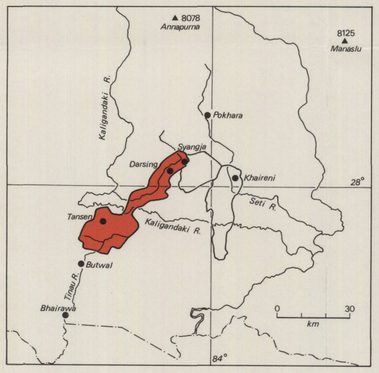
TANSEN GROUP (EOCENE)

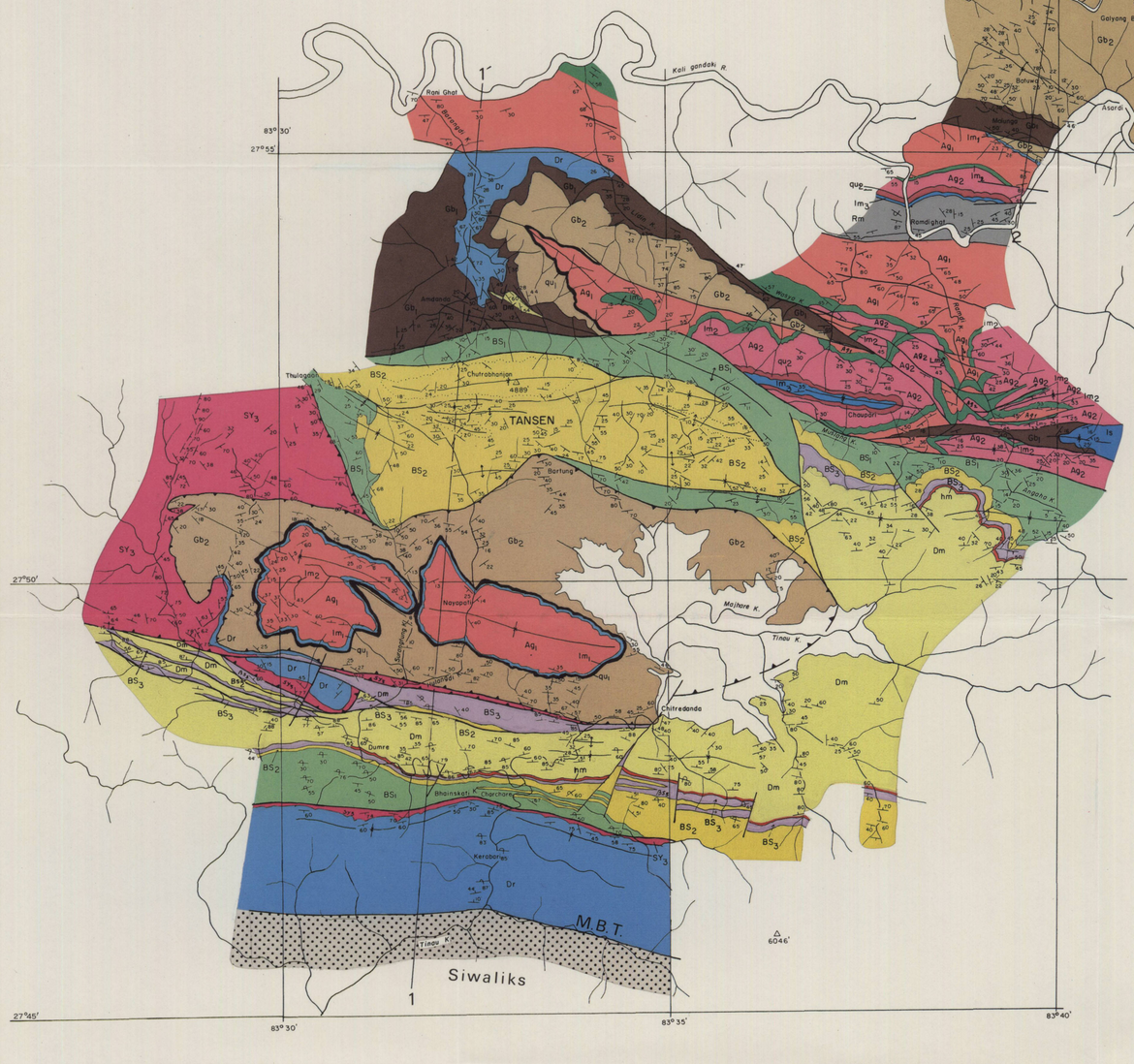
- **Dm** — Dumre Formation: Greenishgrey Sandstones with purplish and dark gray shales.
- **Bhainskati Formation** (Bs_3, Bs_2, Bs_1, hm):
  - Upper Fossiliferous Shale Member: Dark grey shale with fossils and hematite beds (hm).
  - Middle Quartzite Member: Quartzite, Congromerate and pebbly shale.
  - Lower Pebbly Mudstone Member: Pebbly mudstones and dark gray shales.

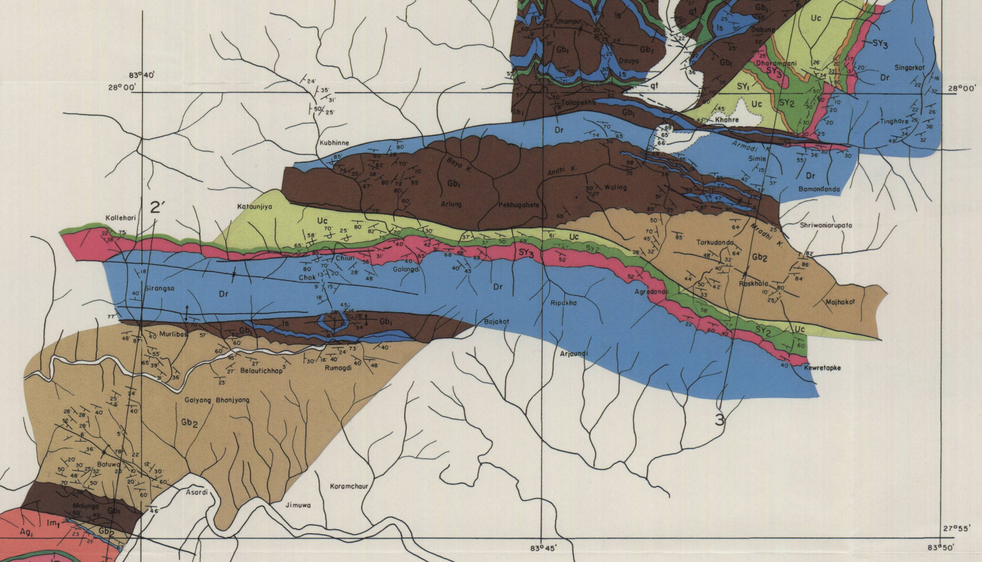
NAWAKOT GROUP (PRE-EOCENE)

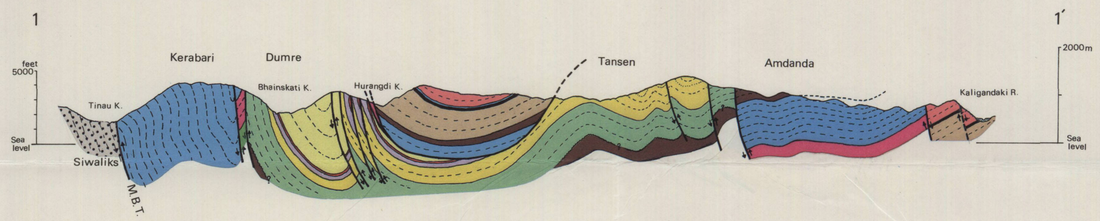
- **Rm** — Ramdighat Formation: Alternating dark grey sandstones, quartzites and dark grey slates.
- **Angaha khola Formation** (Ag_2, Ag_1, im_3, qu_2, im_2, im_1, qu_1):
  - Upper Member: Reddish brown or pale green sholes with thin pinkish dolomitic quartzite beds, grey dolomites (Im_2 Im_3) with dark grey slates. Pinkish laminoted quartzites (qu_2).
  - Lower Member: Reddish brown or pale green shales with thin white to pink dolomite beds, grey dolomites (Im_1) and quartzites (qu_1)
- **Golyang slate** (Gb_2, Gb_1, Is, qt):
  - Upper Banded Slate Member: Slates with black and yellowish grdy colour banding.
  - Lower Carbonaceous State Member: Black to dark grey carbonaceous slates with thin calcareous sandstone beds, Grey calcitic dolomites (Is) and quartzite (qt).
- **Dr** — Darsing dolomite: Grey dolomites with Stromatolites.
- **Syanja Formation** (Sy_3, Sy_2, Sy_1):
  - Upper Pink Dolomite Member: White milky white, pinkish and purplish dolomitic quartzites and quartzitic dolomites with dark grey slates.
  - Middle Member: Dark grey, purplish and pale green shales with thin pinkish dolomitic quartzite beds.
  - Lower Quartzite Member: White quartzites, grey arcosic quartzites intercalated with dark grey, silver grey and pale green slates and phyllites, partly dark green schist.
- **Uc** — Uniyacnaur slate: Dark grey and pale green slate.
- **Nd** (sh) — Naudanda Quartzite: White quarzite with shale bed (sh)
- **Kn** — Kuncha Formation: Greenish grey phyllite, gritty phyllite, gritstones.

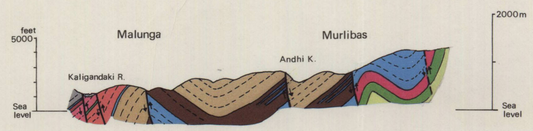












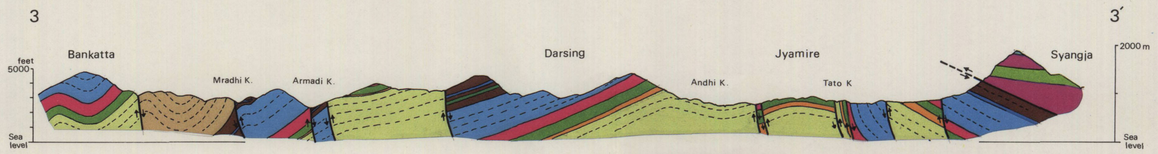


Fig.2 Geologic map of Tansen-Syangja area