

Geological Map of Namakhvani HPPs Cascade

Scale 1:50 000

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Legend

- QIV - Quaternary. Alluvial, diluvial, proluvial, colluvial deposits
- N - Neogene deposits
- P3 - Oligocene. Homogenous paper clays, sandstones
- P2³ - Upper Eocene. Marls, limestones, sandstones
- P1-P2² - Danian-Middle Eocene. Limestones, marl interlayers
- K2m - Maastrichtian. Limestones
- K2t-km - Turonian-Coniacian-Santonian-Campanian. Lithographic limestones
- K2s - Cenomanian. Sandstones, glauconite marls
- K2al - Albian. Clays, marls, limestones, sandstones
- K2a - Aptian. Limestones, marly limestones, marls
- K2br - Barremian. Crystalline limestones of Urgonian facies.
- K2b-h - Berriasian-Valanginian-Hauterivian. Crystalline limestones, dolomites, marls. In lower part are quartz-arkose sandstones, conglomerates
- J3km-t - Kimmeridgian-Tithonian. Clays, gypsyferous clays, sandstones
- J2bt - Bathonian. Paper shales, argillites, sandstones, aleurolites
- J2b3 - Upper Bajocian. Breccias, colored tuffs, sandstones, micaceous sandstones, sandy clays
- J2b2 - Middle Bajocian. Clastic lava breccias of augite-labrador porphyrites, tuff breccias, waste breccias, tuffs
- J2b1 - Lower Bajocian. Tuffs, argillites, microbreccias, tuffs of augite-labrador porphyrites with undergone albitization, tuff sandstones
- 0K2 - Teschenites
- 0K3 - Diabases
- ↖ 50° - Bed strike elements
- - - Anticline axis
- - - Syncline axis
- - - Faults
- - Spring
- - - Basin boundaries
- - - Dam site