



Geological Map of the Shuanghe Sheet

Legend

[Q]	Lacustrine deposit and volcanic deposit.
[N2]	Conglomerate
[N1]	Sandstone and conglomerate
[KE]	Purplish, purplish gray and red sandstone, conglomerate, sandstone, siltstone and marl.
[Jn]	Shallow-marine limestone and terrestrial clastics, including 4 segments in ascending order: lower sandstone segment, lower limestone segment, upper sandstone segment and upper limestone segment.
[Jm]	Stable shallow-marine limestone intercalated with sandstone.
[Jg]	Intermediate-acidic volcanic rocks and pyroclastic rocks intercalated sandstone and conglomerate.
[Jd]	Gray and dark gray shale, mudstone and marl.
[Ty]	Dark gray carbonates intercalated with yellowish gray arenaceous mudstone.
[Tr]	Limestone intercalated with a small amount of clastics.
[Tx]	Grayish white thick-layered limestone, dark limestone and marl intercalated with sandstone and shale in places.
[V]	Volcanics
[M]	Garnet gneiss, granitic gneiss, quartzite and metamorphic quartz sandstone, quart schist, mica schist, slate and siliceous rocks.
[G]	Granite
[D]	Light gray and light purple thick-layered crystalline limestone.

Lineation

Stream

Lake