

# DISTRICT ALIPURDUAR HYDROGEOLOGICAL MAP

89°15'0"E

89°30'0"E

89°45'0"E

27°0'0"N

27°0'0"N

26°45'0"N

26°45'0"N

26°30'0"N

26°30'0"N

26°15'0"N

26°15'0"N

26°0'0"N

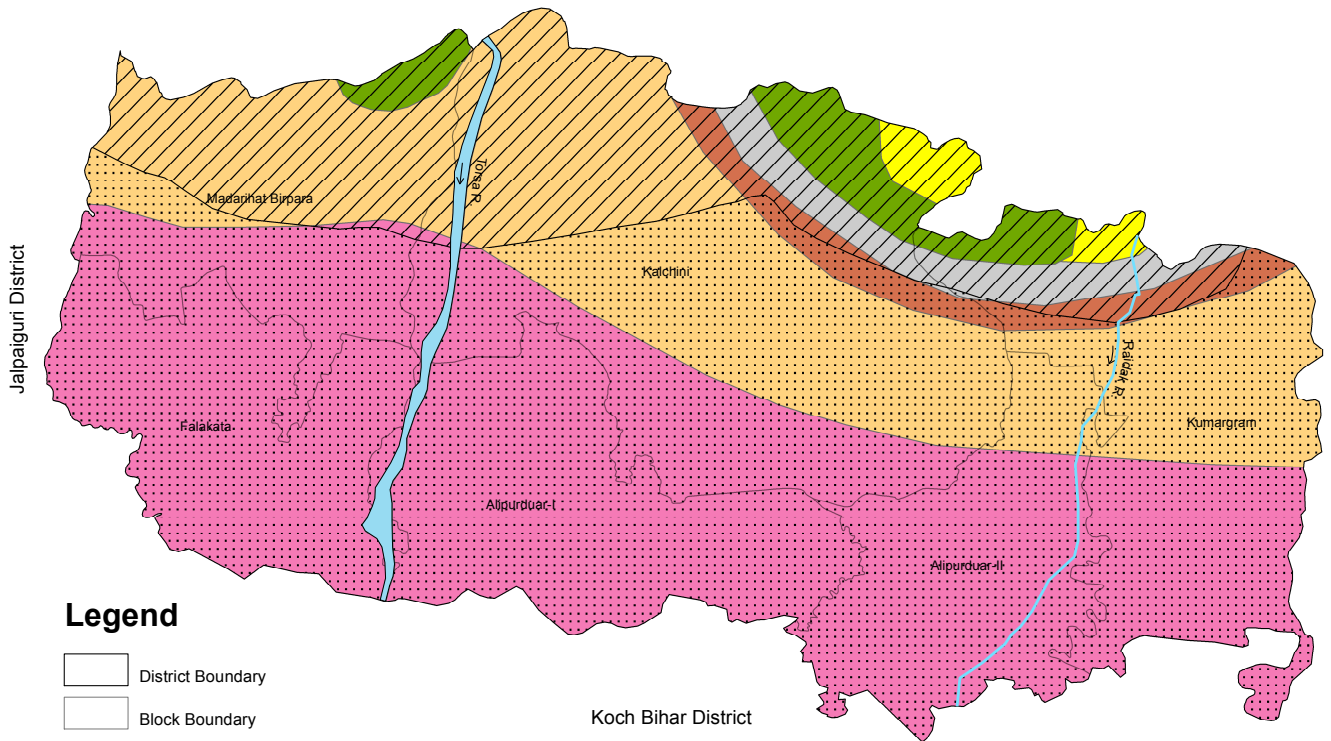
26°0'0"N

89°15'0"E

89°30'0"E

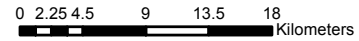
89°45'0"E

BHUTAN



## Legend

- District Boundary
- Block Boundary
- Rock Type**
- Younger Alluvium
- Older Alluvium
- Sandstone with shale/coal beds
- Sandstone with shale
- Limestone with shale
- Schist



Projection & Geodetic Reference System: GCS,WGS 1984

Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Limestone with shale, Sandstone with shale/coal beds, Sandstone with shale, Older Alluvium (Silt/Sand/Gravel/Lithomargic clay), Schist	Azoic to Quarternary	Granular/fracture zones encountered variably between 20-400m b.g.l.	Thickness of aquifer/weathrd zone varies between 10-700m	Groundwater yield prospects between 5-2000 cum/day
	Younger Alluvium (Clay/Silt/Sand/Calcareous concretion), Sandstone with shale, Older Alluvium (Silt/Sand/Gravel/ Lithomargic clay)	Quarternary	Granular/fracture zones encountered variably between 50-400m b.g.l.	Thickness of aquifer/weathrd zone varies between 50-700m	Groundwater yield prospects between 200-1500 cum/day

Reference:CGWB & GSI