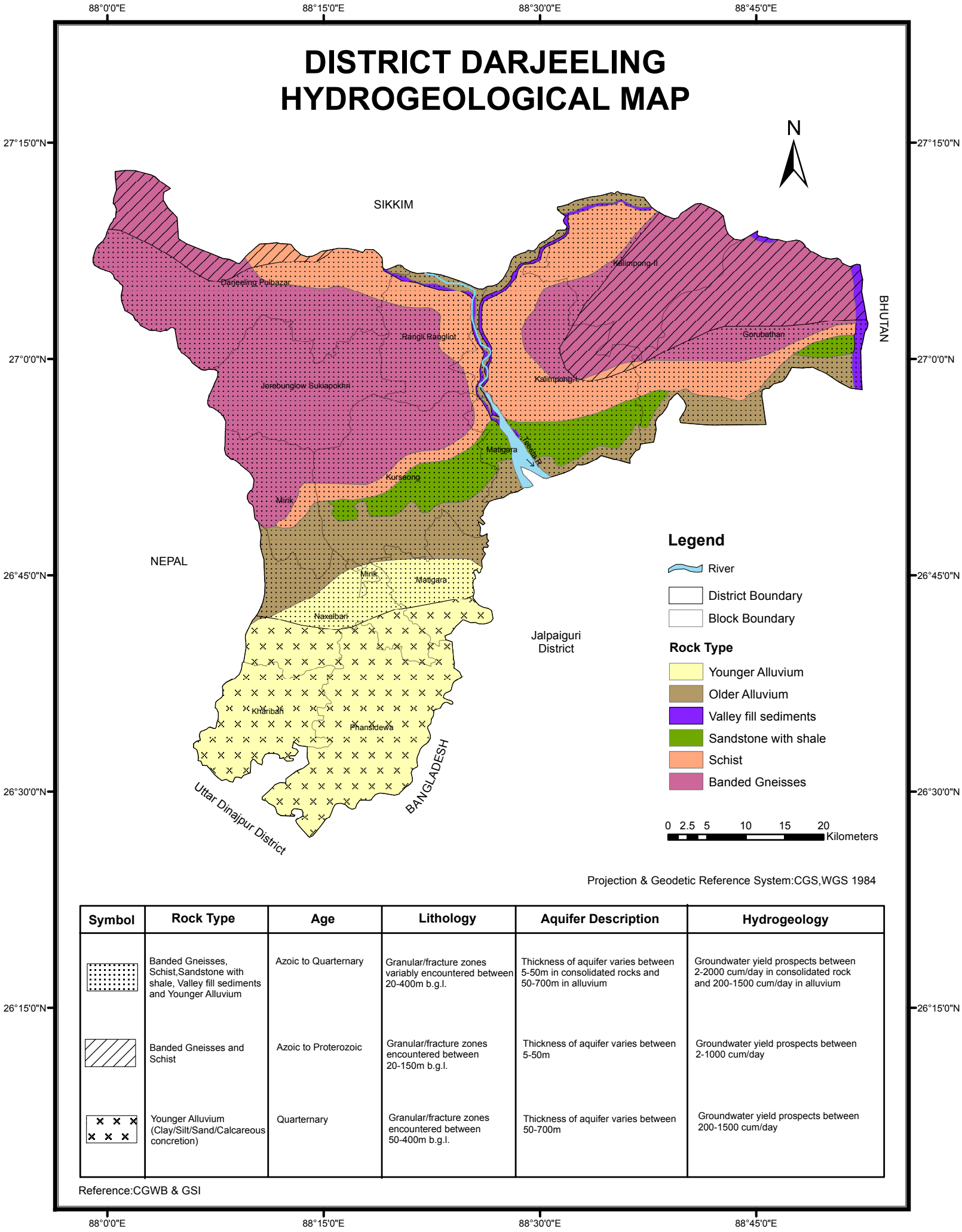
DISTRICT DARJEELING HYDROGEOLOGICAL MAP



Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Banded Gneisses, Schist,Sandstone with shale, Valley fill sediments and Younger Alluvium	Azoic to Quarternary	Granular/fracture zones variably encountered between 20-400m b.g.l.	Thickness of aquifer varies between 5-50m in consolidated rocks and 50-700m in alluvium	Groundwater yield prospects between 2-2000 cum/day in consolidated rock and 200-1500 cum/day in alluvium
	Banded Gneisses and Schist	Azoic to Proterozoic	Granular/fracture zones encountered between 20-150m b.g.l.	Thickness of aquifer varies between 5-50m	Groundwater yield prospects between 2-1000 cum/day
	Younger Alluvium (Clay/Silt/Sand/Calcareous concretion)	Quarternary	Granular/fracture zones encountered between 50-400m b.g.l.	Thickness of aquifer varies between 50-700m	Groundwater yield prospects between 200-1500 cum/day

Reference:CGWB & GSI