

88°15'0"E

88°30'0"E

88°45'0"E

89°0'0"E

DISTRICT SOUTH DINAJPUR HYDROGEOLOGICAL MAP

25°45'0"N

25°45'0"N

25°30'0"N

25°30'0"N

25°15'0"N

25°15'0"N

25°0'0"N

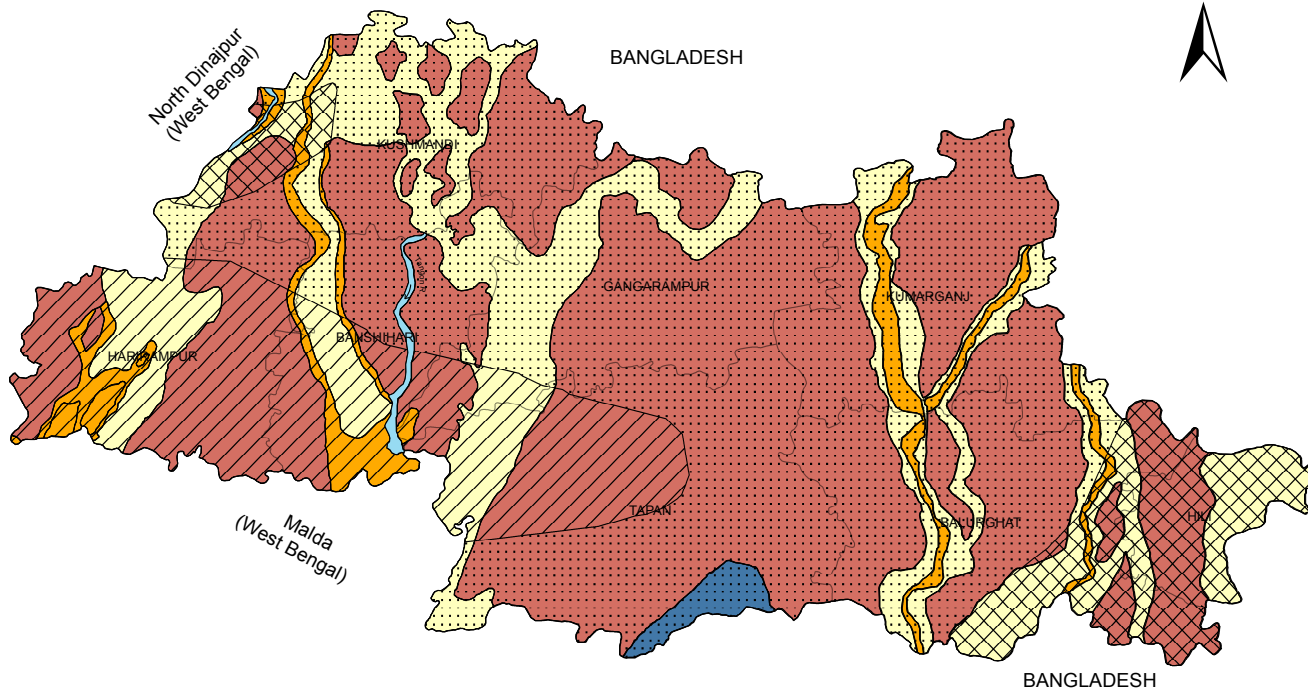
25°0'0"N

24°45'0"N




24°45'0"N

24°30'0"N





24°30'0"N

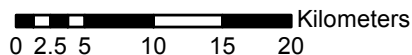


Legend

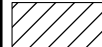


-  River
-  District Boundary
-  Block Boundary

Rock Type

-  Alternating sand, silt and clay of Shaugaon formation
-  Alternating sand, silt and clay of Malda formation
-  Calcreet bearing sand, silt and clay
-  Predominantly thick ferricrete bearing clay besides sand and silt



Projection & Geodetic Reference System: GCS, WGS 1984

Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Calcrete bearing sand, silt and clay	Late Pleistocene to Late Holocene	Unconsolidated Recent alluvium, clay, silt, sand, gravel, pebble, calcarious concretions etc., high permeability	Fairly thick regionally extensive confined aquifers down to 3000m	Large yield prospect above 150 cum/hr
	Ferricrete bearing clay and calcrete bearing sand, silt and clay	Early Pleistocene to Late Holocene	Unconsolidated Recent alluvium, clay, silt, sand, gravel, pebble, calcarious concretions etc., high permeability	Fairly thick regionally extensive confined and unconfined aquifers down to 3000m	Moderate to large yield prospect 50- 150 cum/hr and above
	Calcrete bearing sand, silt and clay	Late Pleistocene to Late Holocene	Unconsolidated Recent alluvium, clay, silt, sand, gravel, pebble, calcarious concretions etc., high permeability	Fairly thick regionally extensive unconfined aquifers down to 3000m	Moderate yield prospect 50- 150 cum/hr

Reference: CGWB & GSI

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