

88°15'0"E

88°30'0"E

88°45'0"E

89°0'0"E

# DISTRICT NORTH 24 PARGANAS HYDROGEOLOGICAL MAP

23°15'0"N

23°15'0"N

23°0'0"N

23°0'0"N

22°45'0"N

22°45'0"N

22°30'0"N

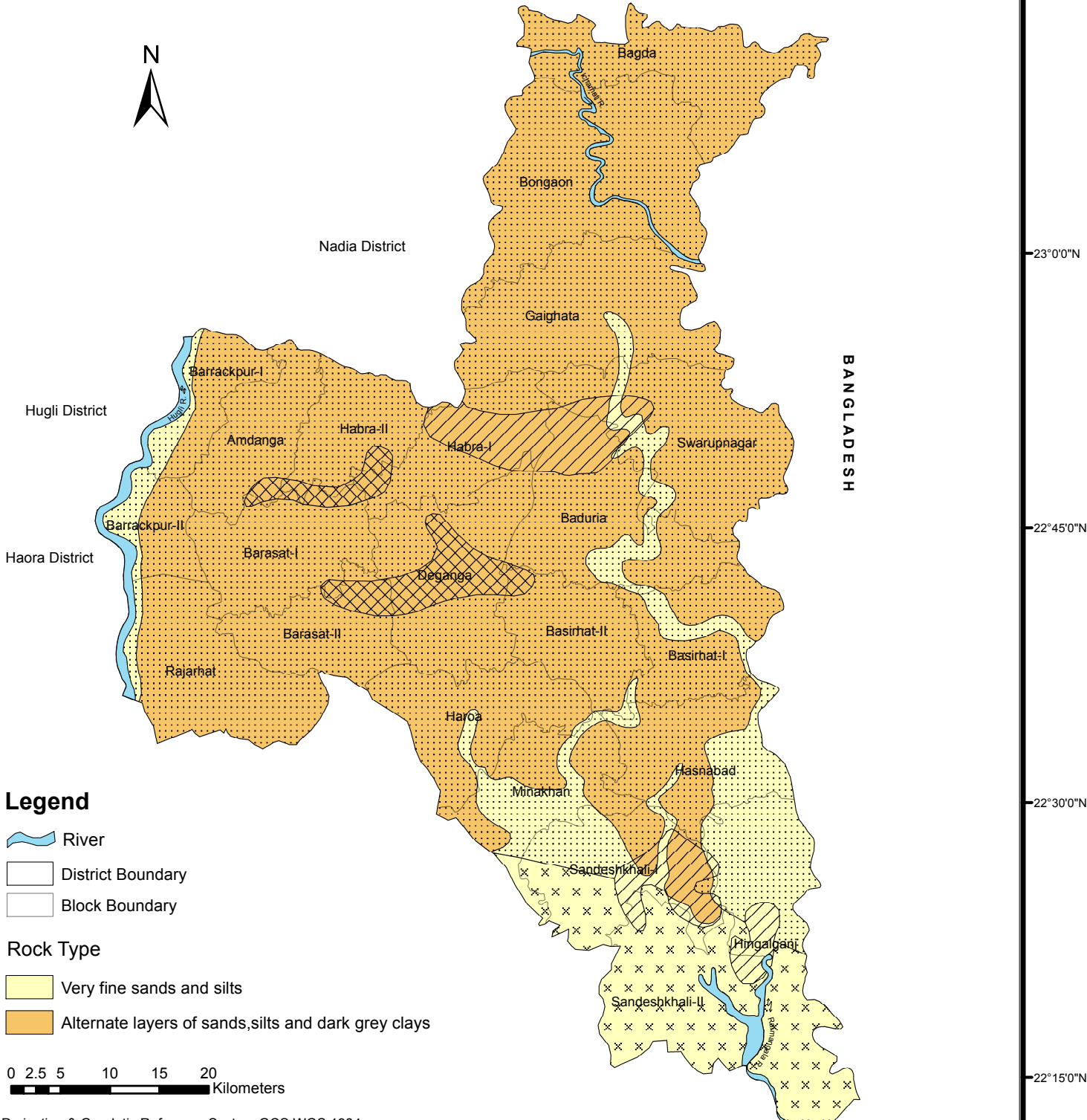
22°30'0"N

22°15'0"N

22°15'0"N

22°0'0"N

22°0'0"N



## Legend

River

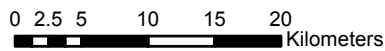
District Boundary

Block Boundary

## Rock Type

Very fine sands and silts

Alternate layers of sands, silts and dark grey clays



Projection & Geodetic Reference System: GCS, WGS 1984

Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Sand, silt and dark grey clays	Middle to Upper Holocene	Deltaic plain, para deltaic fan surface, semi to unconsolidated sediments with intergranular porosity	Confined and unconfined aquifer, aquifer with primary intergranular porosity	Yield prospects at 40 lit/sec
	Sand, silt and dark grey clays	Middle to Upper Holocene	Deltaic plain, para deltaic fan surface, semi to unconsolidated sediments with intergranular porosity	Deeper aquifer at >15.4m b.g.l. and are generally flowing condition. Shallow aquifers are brackish	Yield prospects at 40 lit/sec
	Sand, silt and dark grey clays	Middle to Upper Holocene	Deltaic plain, para deltaic fan surface, semi to unconsolidated sediments with intergranular porosity	Fresh water is overlain by saline ground water	Depth of water table ranges from 1m to 3m bgl and the fresh water is overlain by saline ground water
	Sand, silt and dark grey clays	Middle to Upper Holocene	Deltaic plain, para deltaic fan surface, semi to unconsolidated sediments with intergranular porosity	Shallow aquifer between 12-24m b.g.l.	Yield prospects at 40 lit/sec

Reference: CGWB & GSI

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