

87°30'0"E

87°45'0"E

88°0'0"E

88°15'0"E

88°30'0"E

DISTRICT NORTH DINAJPUR HYDROGEOLOGICAL MAP

26°30'0"N

26°30'0"N

26°15'0"N

26°15'0"N

26°0'0"N

26°0'0"N

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



Darjiling
(West Bengal)

Kishanganj
(Bihar)

Purnea
(Bihar)

Katihar
(Bihar)

Malda
(West Bengal)

South Dinajpur
(West Bengal)

BANGLADESH

Chopra

Islampur

Goalpokhar-I

Goalpokhar-II

Karandighi

Hemtabad

Raiganj

Kaliaganj Sub-District

Maheer

Legend

River

District Boundary

Block Boundary

Rock Type

Alternating sand,silt and clay of present day deposit

Alternating sand,silt and clay of shaugaon formation

Alternating sand,silt and clay of malda formation

Predominantly coarse to fine sand alternating with silty sand

Alternating sand,silt and grit overlaying pebbly horizon

0 2.5 5 10 15 20 Kilometers

Projection & Geodetic Reference System: GCS,WGS 1984

Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Alternating sand,silt and clay	Late Pleistocene to Holocene	Fluvial facies with gravel,pebble and calcareous concretion	Confined aquifers down to 3000m	Large yield prospect above 150 cum/hr
	Alternating sand,silt and clay	Late Pleistocene to Holocene	Fluvial facies with gravel,pebble and calcareous concretion	Unconfined and confined aquifer	Large yield prospect above 150 cum/hr
	Alternating sand,silt, clay and grit	Middle Pleistocene to Holocene	Fluvial facies with gravel pebble and calcareous concretion	Unconfined aquifer	Large yield prospect above 150 cum/hr

Reference:CGWB & GSI

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