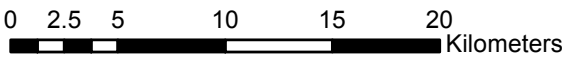
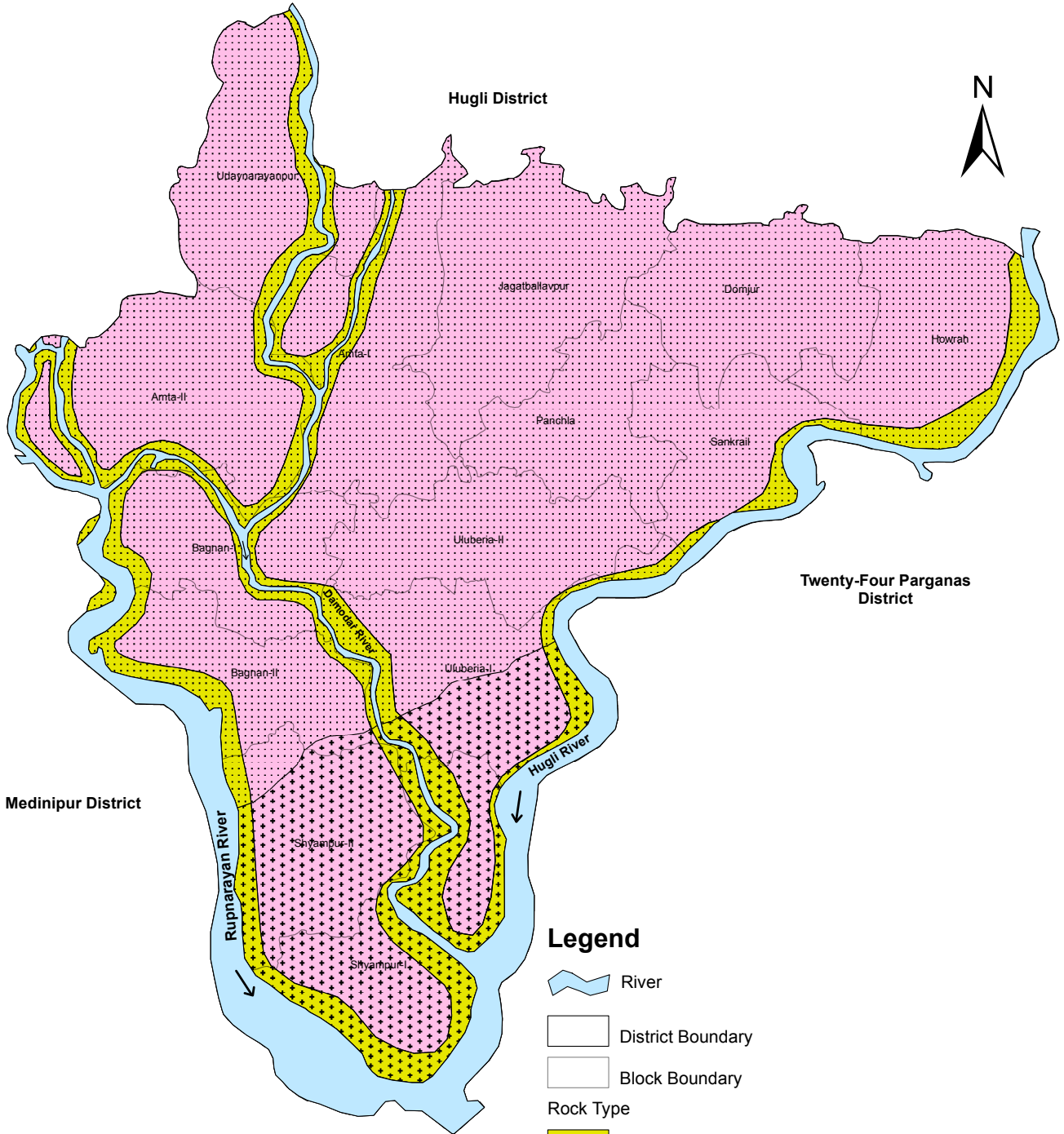


DISTRICT HAORA HYDROGEOLOGICAL MAP



Legend

- River
- District Boundary
- Block Boundary
- Rock Type**
- Loose unconsolidated grey fine to coarse sand and gravel
- Alternate layers of fine sand, silt and dark grey clay

Projection & Geodetic Reference System: GCS, WGS 1984

Symbol	Rock Type	Age	Lithology	Aquifer Description	Hydrogeology
	Loose unconsolidated grey fine to coarse sand and gravel; fine sand, silt and dark grey clay	Middle to Late Holocene	Flood plain of Damodar and Rupnarayan and lower mature deltaic plain	Unconfined aquifer of about six hundred sq. km. approx having considerable thickness upto 300m bgl	Depth of fresh water in pre-monsoon season is less than 0.5m to greater than 6.5m b.g.l., flow of ground water is towards south
	Loose unconsolidated grey fine to coarse sand and gravel; fine sand, silt and dark grey clay	Middle to Late Holocene	Flood plain of Damodar and Rupnarayan and lower mature deltaic plain	Confined aquifer of about eight hundred sq. km. approx having considerable thickness upto 300m bgl	Area of fresh ground water overlain by saline ground water, flow of ground water is towards south

Reference: CGWB & GSI