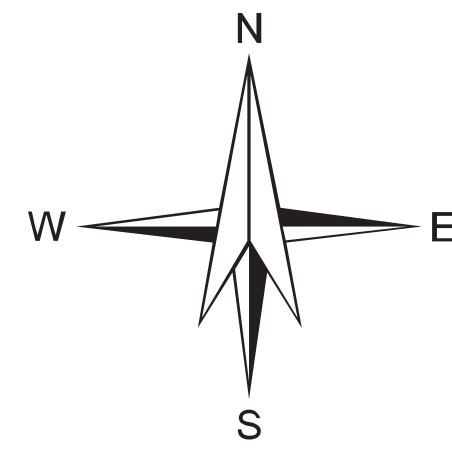
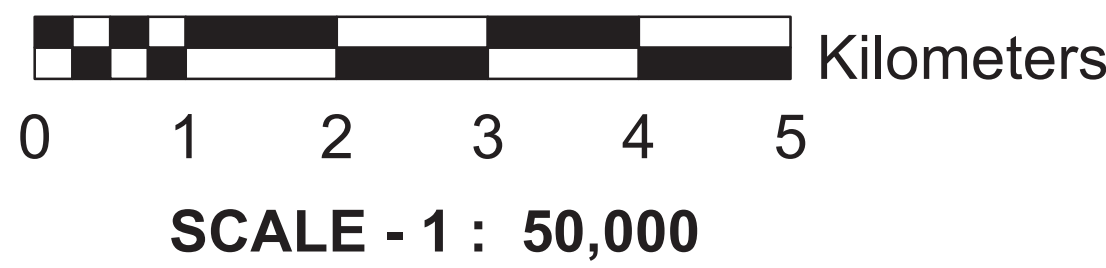


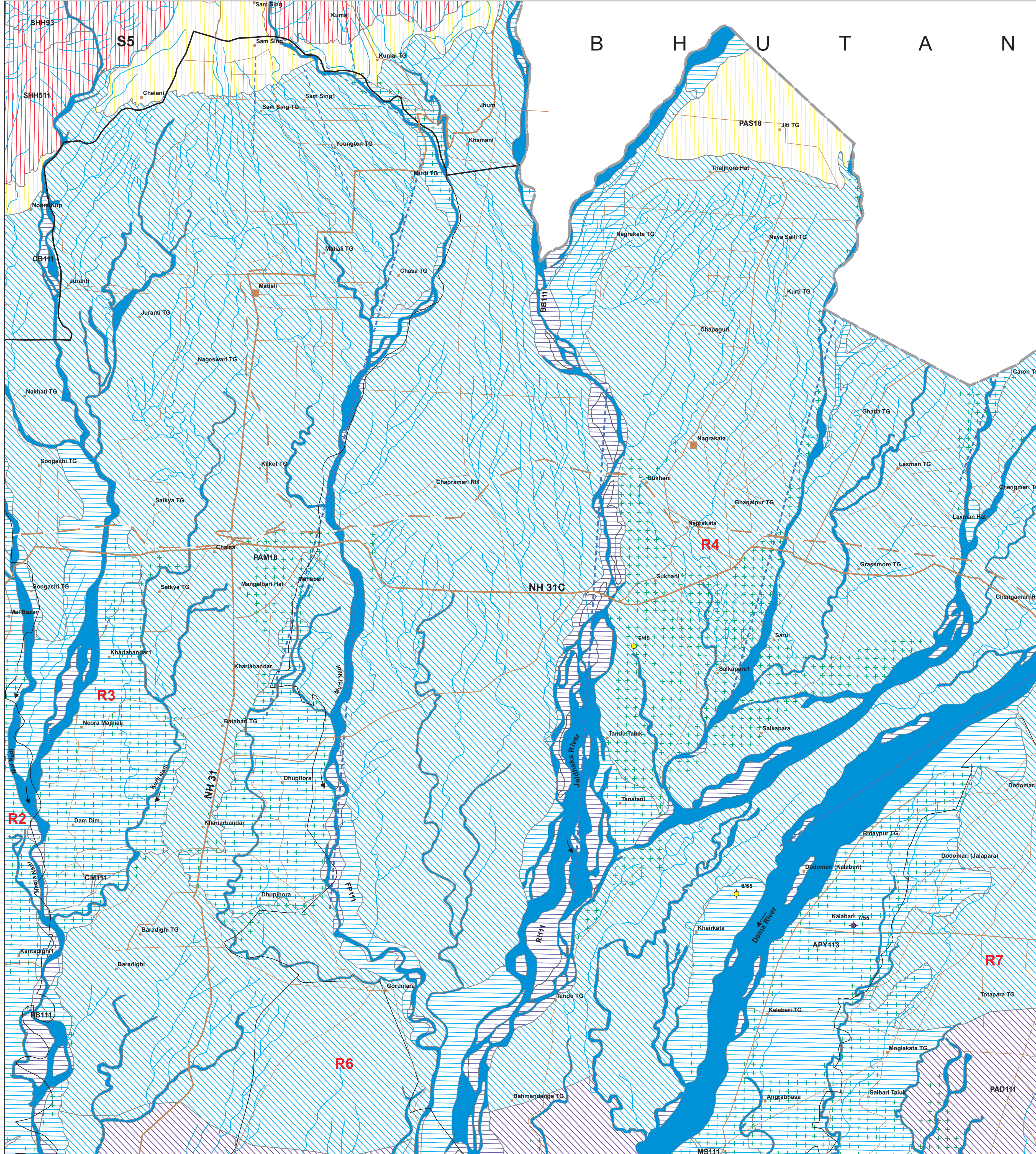
GROUND WATER PROSPECTS MAP

(PREPARED FROM SATELLITE IMAGE INTERPRETATION WITH LIMITED FIELD CHECKS)



MAP SHEET NO. 78B/13

DARJEELING & JALPAIGURI DISTRICTS, WEST BENGAL



LEGEND

MAP UNIT (HYDROGEOLOGIC UNIT) REPRESENTED IN THE MAP WITH ALPHANUMERIC CODE (COLOUR INDICATES YIELD RANGE AND HATCHING INDICATE DEPTH RANGE)	GEOLOGICAL SEQUENCE / ROCK TYPE (REPRESENTED IN THE MAP WITH NUMERIC CODE)	GEOMORPHIC UNIT / LANDFORM (REPRESENTED IN THE MAP WITH ALPHABETIC CODE)	DEPTH TO WATER LEVEL PRE / POST-MONSOON (AVERAGE IN METERS) NO. OF WELLS OBSERVED	RECHARGE CONDITIONS BASED ON AVAILABILITY OF WATER (RAINFALL & OTHER SOURCES)	GROUND WATER PROSPECTS							RECHARGE STRUCTURES SUITABLE & PRIORITY PT = INFILTRATION TANK CD = CHECK DAM DM = DRAINAGE DITCH EW = EXHAUSTION WELL ET = EXHAUSTION TANK ET = EXHAUSTION
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GROUND WATER PROSPECTS INFORMATION				HYDROLOGICAL INFORMATION				STRUCTURAL INFORMATION				BASE MAP INFORMATION				LOCATION INFORMATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
YIELD RANGE OF WELLS	COLOUR CODE	DEPTH RANGE OF WELLS		DESCRIPTION	SYMBOL	DIPS	SCHISTOSITY/FOLIATION	SYMBOL	DESCRIPTION	STATE INDEX	DISTRICT INDEX	YIELD RANGE OF WELLS	COLOUR CODE	DEPTH RANGE OF WELLS		DESCRIPTION	SYMBOL	DIPS	SCHISTOSITY/FOLIATION	SYMBOL	DESCRIPTION	STATE INDEX	DISTRICT INDEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		SHALLOW < 30 METERS	MODERATE 30 - 60 METERS	CANAL / TANK IRRIGATED AREA	DEEP > 60 METERS	GROUND WATER IRRIGATED AREA	RIVER / STREAM (with sand)	WATER BODY / SPRING	CANAL	RAIN GAUGE STATION (WB average annual rainfall in mm)	RECHARGE STRUCTURES SUGGESTED			PERCOLATION TANK	DESTINY OF TANK	SUBSURFACE DYKE	SOIL CONSERVATION MEASURES	WATER RESERVOIR	RAIN FALL	FAULT	THRUST	FRACHTURE / LINEAMENT (Inferred)	SHEAR ZONE (Confirmed / Inferred)	DYKE (Confirmed / Inferred)	QUARTZ REEF (Confirmed / Inferred)	PGMATITE VEIN (Confirmed / Inferred)	Lithologic contacts are inferred at places & Geomorphologic boundaries are gradational	BOUNDARY : INTERNATIONAL STATE DISTRICT BLOCK	OTHER INFORMATION Rainfall : 3102 mm Nearest Rain gauge Station : Jalpaiguri (Source IMD)	STATE INDEX	DISTRICT INDEX	BLOCK INDEX	MAPSHEET INDEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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