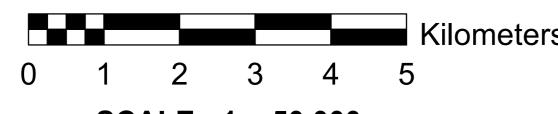
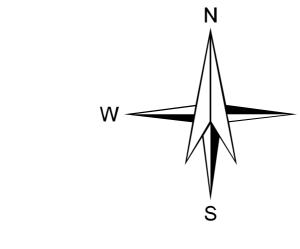
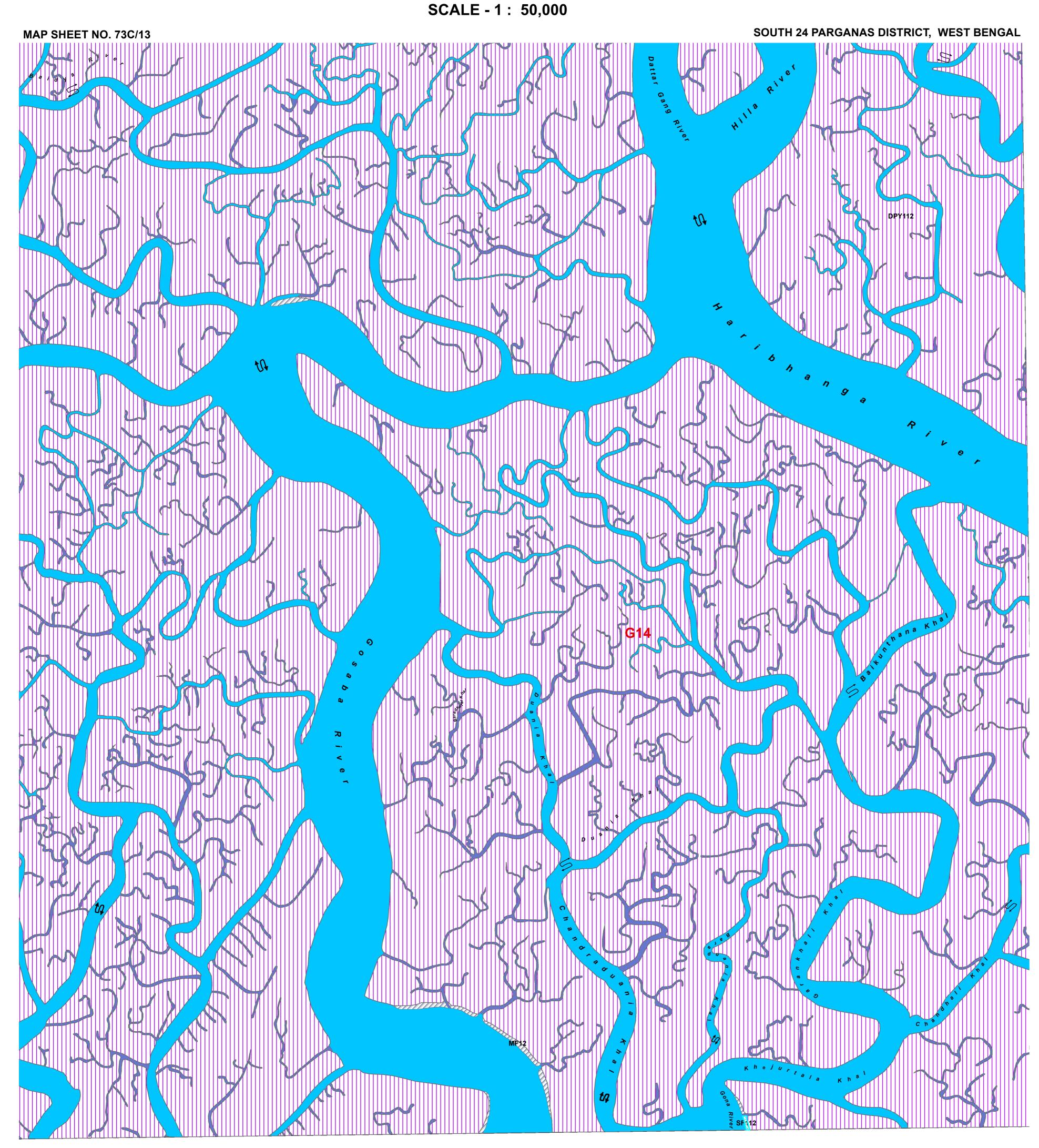
GROUND WATER PROSPECTS MAP

(PREPARED FROM SATELLITE IMAGE INTERPRETATION WITH LIMITED FIELD CHECKS)







NRSC (ISRO), DEPT. OF SPACE, GOVT. OF INDIA DATA USED: IRS - P6 LISS III FCC dated September 2005-February 2006, GROUND TRUTH & WELL OBSERVATION during March-June, 2012 & Oct 2012-Jan 2013, Published Geological maps & Literatures. Designed & Developed by Hydrogeology Division, NRSC, ISRO

LEGEND

MAP UNIT HYDROGEOMORPHIC UNIT) REPRESENTED IN THE MAP WITH LPHANUMERIC CODE		GICAL SEQUENCE / ROCK TYPE	GEOMORPHIC UNIT / LANDFORM	DEPTH TO WATER LEVEL PRE / POST- MONSOON (AVERAGE IN METERS) NO. OF WELLS	RECHARGE CONDITIONS BASED ON AVAILABILITY OF WATER (RAINFALL & OTHER	AQUIFER MATERIAL LS = LOOSE SEDIMENTS	G R C TYPE OF WELLS SUITABLE DW = DUG WELL	DEPTH RANGE OF WELLS (SUGGESTED)	A T E R P YIELD RANGE OF WELLS (EXPECTED)	HOMOGENEITY IN THE UNIT & SUCCESS RATE OF WELLS	QUALITY OF WATER POTABLE (P) NON - POTABLE (NP)	GROUND WATER IRRIGATED AREA	RECHARGE STRUCTURES SUITABLE & PRIORITY PT = PERCOLATION TANK CD = CHECK DAM NB = NALA BUND RW = RECHARGE WELL	REMARKS (PROBLEMS/LIMITATIONS)
COLOUR INDICATES VIELD RANGE AND ATCHING INDICATE DEPTH RANGE)		REPRESENTED IN THE MAP WITH NUMERIC CODE)	(REPRESENTED IN THE MAP WITH ALPHABETIC CODE)	OBSERVED	SOURCES)	PR = PERMEABLE ROCK FIR = FISSURED ROCK FR = FRACTURED ROCK WR /= WEATHERED ROCK / WM WEATHERED MATERIAL IR = IMPERIVIOUS ROCK	RW = RING WELL BW = BORE WELL TW = TUBE WELL DBW / = DUG CUM-BORE WELL / DTW DUG CUM-TUBE WELL	MIN - MAX (IN METERS)	(in LPM or m ³ / day)	(PROBABILITY) VERY HIGH HIGH MODERATE LOW	(INDICATE REASONS IF NON POTABLE)	(APPROX. RANGE IN PERCENTAGE)	DT = DESILTING OF TANK RP = RECHARGE PIT SD = SUBSURFACE DYKE RS = RECHARGE SHAFT ST = STORAGE TANK SCM = SOIL CONSERVATION MEASURES	
	Sı													
DPY112	Active Estuarine Deposits (Present Day)	Alluvium (Sand and Silt) (112)	Deltaic Plain Younger (DPY)	Fore	s t a r	ea, n	o hab	i t a t	i o n	- h e	n c e	n o i	e c o m m e	n dation
F// - D /QQ D /QQ						hard rocks. Along these zone							confirmed by detailed ground surveys.	

