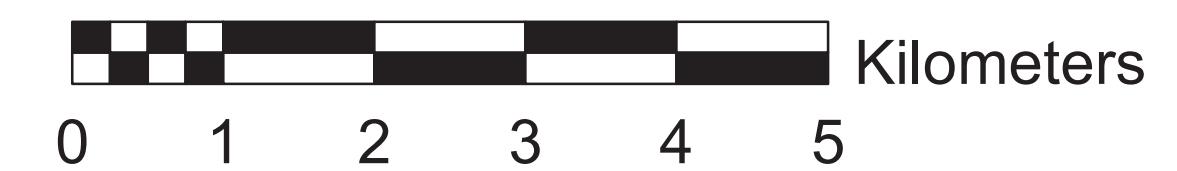


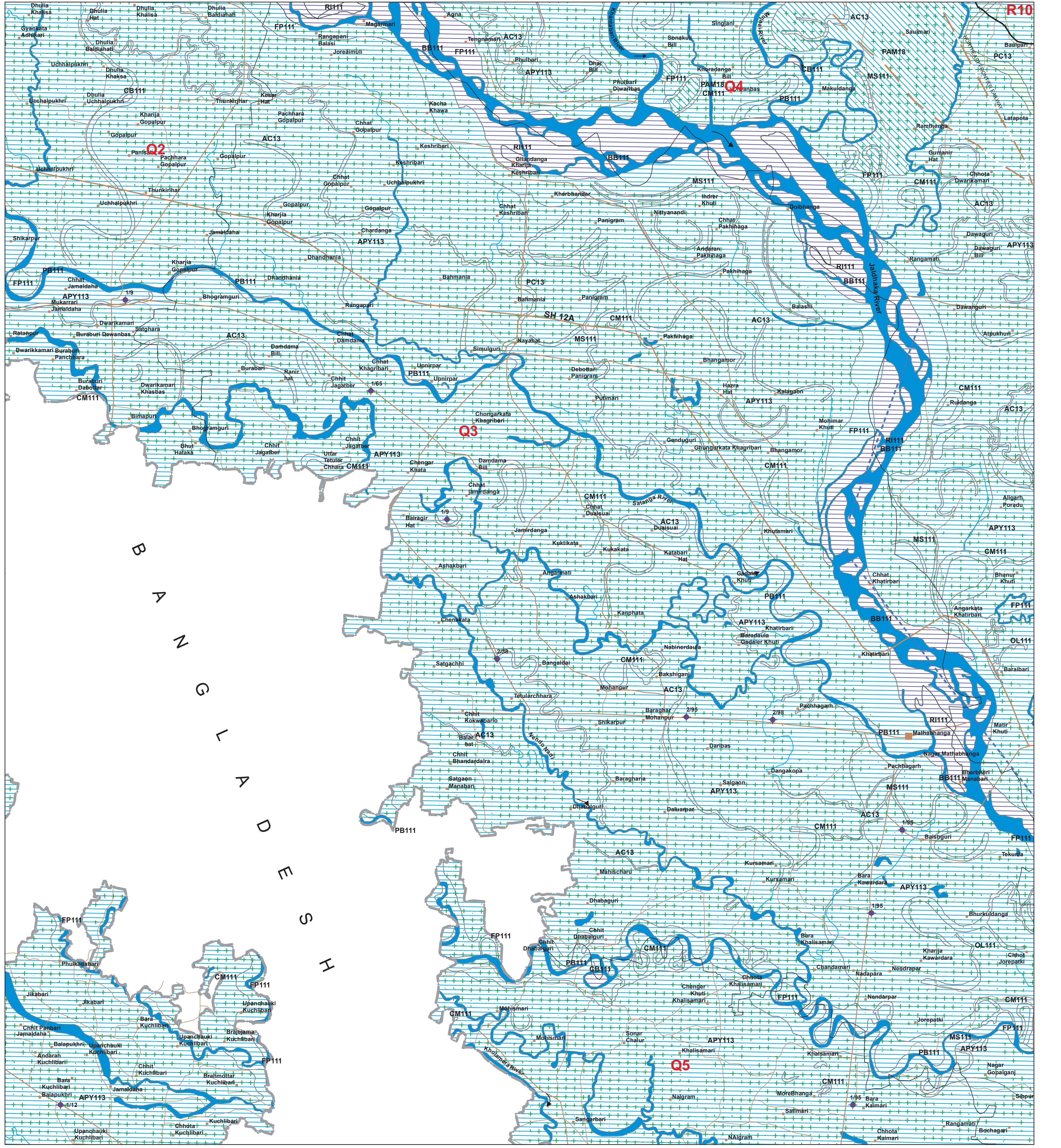
GROUND WATER PROSPECTS MAP

(PREPARED FROM SATELLITE IMAGE INTERPRETATION WITH LIMITED FIELD CHECKS)



SCALE - 1 : 50,000

MAP SHEET NO. 78/F3



C NRSC (ISRO), DEPT. OF SPACE, GOVT. OF INDIA DATA USED : IRS - P6 LISS III FCC dated February 2009,March 2009 & Nov 2011, GROUND TRUTH & WELL OBSERVATION during February-March 2011, Published Geological maps & Literatures. *Designed & Developed by Hydrogeology Division, NRSC, ISRO*

L E G E N D

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	BEDDING	SCHISTOSITY/ FOLIATION	SYMBOL	DESCRIPTION	STATE INDEX	DISTRICT INDEX																																								
		SHALLOW < 30 METERS	MODERATE 30 - 80 METERS	DEEP > 80 METERS	CANAL / TANK IRRIGATED AREA																																																	
		> 800 LPM	VIOLET																																																			
		400 - 800 LPM	INDIGO																																																			
		200 - 400 LPM	BLUE																																																			
		100 - 200 LPM	GREEN																																																			
		50 - 100 LPM	YELLOW																																																			
		30 - 50 LPM	ORANGE																																																			
		20 - 30 LPM	BROWN																																																			
		10 - 20 LPM	PINK																																																			
Prospects limited to valley portions only (Hills, Plateaus etc.)	RED																																																					
Run-off zone/Barrier for G.W. movement																																																						
(Inselberg / Ridge / Dyke etc.)																																																						
<p>RECHARGE STRUCTURES SUGGESTED</p> <p>WELLS OBSERVED DURING FIELD VISIT</p> <table border="1"> <thead> <tr> <th>YIELD RANGE IN LPM</th> <th>BORE / TUBE WELL</th> <th>YIELD RANGE IN m³/day</th> <th>DUG WELL / RING WELL</th> </tr> </thead> <tbody> <tr> <td>> 800 LPM</td> <td>● 15/70</td> <td>> 400 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>400 - 800 LPM</td> <td>● 15/70</td> <td>200 - 400 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>200 - 400 LPM</td> <td>● 15/70</td> <td>100 - 200 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>100 - 200 LPM</td> <td>● 15/70</td> <td>50 - 100 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>50 - 100 LPM</td> <td>● 15/70</td> <td>25 - 50 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>30 - 50 LPM</td> <td>● 15/70</td> <td>15 - 25 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>20 - 30 LPM</td> <td>● 15/70</td> <td>10 - 15 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>10 - 20 LPM</td> <td>● 15/70</td> <td>5 - 10 m³/day</td> <td>● 8/15</td> </tr> <tr> <td>< 10 LPM</td> <td>● 15/70</td> <td>< 5 m³/day</td> <td>● 8/15</td> </tr> </tbody> </table> <p>Colour inside well symbol indicates yield range. The figures on the top right hand side of well indicate the depth to water level and depth of well in meters</p> <p>DUG - CUM - BORE WELL HAND PUMP WELL ARTESIAN WELL OBSERVATION WELL OF G.W DEPT. / C.G.W.B.</p>												YIELD RANGE IN LPM	BORE / TUBE WELL	YIELD RANGE IN m ³ /day	DUG WELL / RING WELL	> 800 LPM	● 15/70	> 400 m ³ /day	● 8/15	400 - 800 LPM	● 15/70	200 - 400 m ³ /day	● 8/15	200 - 400 LPM	● 15/70	100 - 200 m ³ /day	● 8/15	100 - 200 LPM	● 15/70	50 - 100 m ³ /day	● 8/15	50 - 100 LPM	● 15/70	25 - 50 m ³ /day	● 8/15	30 - 50 LPM	● 15/70	15 - 25 m ³ /day	● 8/15	20 - 30 LPM	● 15/70	10 - 15 m ³ /day	● 8/15	10 - 20 LPM	● 15/70	5 - 10 m ³ /day	● 8/15	< 10 LPM	● 15/70	< 5 m ³ /day	● 8/15	<p>Lithologic contacts are inferred at places & Geomorphic boundaries are gradational</p>		
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