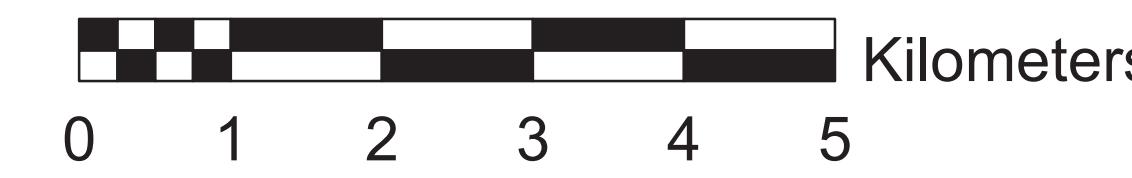


GROUND WATER PROSPECTS MAP

(PREPARED FROM SATELLITE IMAGE INTERPRETATION WITH LIMITED FIELD CHECKS)



SCALE - 1 : 50,000

MAP SHEET NO. 78B/15

JALPAIGURI & KOCH BIHAR DISTRICT, WEST BENGAL

JALPAIGURI & KOCH BIHAR DISTRICT, WEST BENGAL

BANGLA

BANGLADESH

L
A
D
E
S
H

A compass rose with four main points: North (N), South (S), East (E), and West (W). The North and South points are at the top and bottom respectively, with East to the right and West to the left. The lines are black and thin.

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				NH - 34	NATIONAL HIGHWAY					
> 800 LPM	VIOLET				GROUND WATER IRRIGATED AREA				SH - 12	STATE HIGHWAY					
400 - 800 LPM	INDIGO				RIVER / STREAM (with sand)		/			METALLED ROAD					
200 - 400 LPM	BLUE				WATER BODY / SPRING		/			OTHER ROAD					
100 - 200 LPM	GREEN				CANAL					RAILWAY					
50 - 100 LPM	YELLOW				RAIN GUAGE STATION (With average annual rainfall in mm)		800			CITY / VILLAGE					
30 - 50 LPM	ORANGE				RECHARGE STRUCTURES SUGGESTED		CHECK DAM			HABITATIONS : NON - COVERED (NC)					
20 - 30 LPM	BROWN				PERCOLATION TANK		RECHARGE WELL			PARTIALLY COVERED (PC)					
10 - 20 LPM	PINK				NALA BUND		RECHARGE PIT								
Prospects limited to valley portions only (Hills, Plateaus etc.)	RED				DESILTING OF TANK		RECHARGE SHAFT								
Run-off zone/Barrier for G.W. movement					SUBSURFACE DYKE		STORAGE TANK								
WELLS OBSERVED DURING FIELD VISIT			YIELD RANGE IN LPM	BORE / TUBE WELL	YIELD RANGE IN m³/day	DUG WELL / RING WELL									
> 800 LPM			> 800 LPM		> 400 m³/day										
400 - 800 LPM			400 - 800 LPM		200 - 400 m³/day										
200 - 400 LPM			200 - 400 LPM		100 - 200 m³/day										
100 - 200 LPM			100 - 200 LPM		50 - 100 m³/day										
50 - 100 LPM			50 - 100 LPM		25 - 50 m³/day										
30 - 50 LPM			30 - 50 LPM		15 - 25 m³/day										
20 - 30 LPM			20 - 30 LPM		10 - 15 m³/day										
10 - 20 LPM			10 - 20 LPM		5 - 10 m³/day										
< 10 LPM			< 10 LPM		< 5 m³/day										
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															
DUG - CUM - BORE WELL						HAND PUMP WELL									
ARTESIAN WELL						OBSERVATION WELL OF G.W DEPT. / C.G.W.B.									
Lithologic contacts are inferred at places & Geomorphic boundaries are gradational															
PREPARED BY			TECHNICAL GUIDANCE & QUALITY CHECK			PARTICIPATING ORGANIZATIONS			METHODOLOGY & PROJECT EXECUTION			SPONSORED BY			
GEOINFORMATICS & REMOTE SENSING CELL			ISRO			PHED, GOVT. OF WEST BENGAL			RAJIV GANDHI NATIONAL DRINKING WATER MISSION (PHASE IV)			GOVERNMENT OF INDIA			
W.B. STATE COUNCIL OF SCIENCE AND TECHNOLOGY			NATIONAL REMOTE SENSING CENTRE			GEOINFORMATICS & REMOTE SENSING CELL			DEPARTMENT OF DRINKING WATER SUPPLY (DDWS)			NEW DELHI			
DEPARTMENT OF SCIENCE AND TECHNOLOGY			INDIAN SPACE RESEARCH ORGANISATION (ISRO)			W.B. STATE COUNCIL OF SCIENCE AND TECHNOLOGY,GOWB			MINISTRY OF DRINKING WATER AND SANITATION(MDWS)			GOVERNMENT OF INDIA			
GOVERNMENT OF WEST BENGAL			DEPT. OF SPACE, GOVT. OF INDIA			STATE WATER INVESTIGATION DIRECTORATE, GOWB									
4TH FLOOR, BIKASH BHAVAN			BALANAGAR HYDERABAD - 500 625												
SALT LAKE, KOLKATA 700 091															