



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabank/38

Date : 21.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bharemau, Block – Banikodar
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 21.01.23

Types of Log : S.P. & Resistivity (Normal & Lateral)



Logger Used : Uptron

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R_{mf} & R_w
1	25 – 35	10	Good	$R_{mf} = 21.3 \Omega m$ $R_w = 23.5 \Omega m$
2	42 – 48	6	Good	
3	60 – 76	16	Good, Intermixed fine bands of kankar	
4	81 – 84	3	Good	
5	102 – 110	8	Good	
6	114 – 117	3	Good, Intermixed fine bands of kankar	

Remark : Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 120 mbgl to till depth logged.

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Verified as per
logs provided.
G.S.H.
23/01/23



(A.K. Singh)
Geophysicist