



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Barabanki/24

Date : 22.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bali Gerawan, Block - Haidergarh
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : ~~160~~ mbgl

Date of Logging : 22.12.22

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

Logger Used : ~~Upton~~

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	35 – 45	10	Good, Intermixed kankar bands	$R_{mf} = 28.6 \Omega m$ $R_w = 29.7 \Omega m$
2	50 – 57	7	Good, Intermixed kankar bands	
3	61 – 70	9	Good, Intermixed kankar bands	
4	76 – 82	6	Good, Intermixed kankar bands	
5	92 – 97	5	Good, Finer sediments	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper good zone has encountered below 97 mbgl.~~

Verified as per logs provided

*G Sh
23/12/22*



(A.K. Singh)
Geophysicist