



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Barabanki/114

Date : 14.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 172 mbgl

Logged Depth : 170 mbgl

Date of Logging : 14.05.23

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	25 – 30	5	Good	
2	40 – 55	15	Good – Highly kankar	$R_{mf} = 25 \Omega m$
3	63 – 66	3	Good	$R_w = 26.2 \Omega m$
4	79 – 87	8	Good	
5	90 – 96	6	Good, kankar mixed	
6	115 – 125	10	Good	
7	144 – 150	6	Good	

Remark : Almost all zones are intermixed with fine bands of kankar.

C C :

- Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

Verified as per
logs provided

G.Sh
15/05/23


(A.K. Singh)
Geophysicist