



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JIM/ Gonda/54

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Ranjit Nagar, Block – Rupaideeh
Distt. – Gonda

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 02.05.23

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	35 – 38	3	Good, Fine to medium sand	$R_{mf} = 23.9 \Omega m$ $R_w = 25.3 \Omega m$
2	50 – 53	3	Good, Fine to medium sand	
3	55 – 71	16	Good, Fine to medium sand	
4	75 – 83	8	Good, Fine to medium sand	
5	115 – 121	6	Good, Fine to medium sand	
6	132 – 135	3	Good, Fine to medium sand	
7	140 – 152	12	Good, Fine to medium sand	
8	157 – 160	3	Good, Fine to medium sand	

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

Verified as per logs provided

*G.S.H.
03/05/23*

Seen
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Arsh

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