



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampura/200

Date : 20.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Banjariya Hussain, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167 mbgl~~

Date of Logging : 20.04.23

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, Fine to medium sand	R_{mf} = 25.4 Ωm R_w = 27.8 Ωm
2	42 – 52	10	Good, Fine to medium sand	
3	57 – 72	15	Good, Fine to medium sand, kankar intermixed	
4	78 – 85	7	Good, Fine to medium sand, highly kankar mixed	
5	89 – 96	7	Good, Fine to medium sand	
6	103 – 106	3	Good, Fine to medium sand	
7	113 – 120	7	Good, Fine to medium sand	
8	125 – 130	5	Good, Fine to medium sand	
9	139 – 150	11	Good, Fine to medium sand, kankar intermixed	
10	151 – 154	3	Good, Fine to medium sand	
11	160 – 164	4	Good, Fine to medium sand	

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

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

Verified as per
logs provided
Note- Sr No 9
138-141 (3m)
G. Gh
21/04/23

