



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/181

Date : 09.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Ratanpur, Block – Balrampur
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 09.04.23

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	27 - 35	8	Good, Fine to medium sand	R_{mf} = 24.8 Ωm
2	44 - 48	4	Good, Fine to medium sand	R_w = 25.2 Ωm
3	50 - 55	5	Good, Fine to medium sand	
4	59 - 63	4	Good, Fine to medium sand	
5	67 - 72	5	Good, Fine to medium sand	
6	78 - 90	12	Good, Fine to medium sand	
7	107 - 115	8	Good, Fine to medium sand	
8	120 - 130	10	Good, Fine to medium sand	
9	154 - 158	4	Good, Fine to medium sand	

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

Verified as per
logs provided.

G. Sh
10/04/23



(A.K. Singh)
Geophysicist