



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/199

Date : 20.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Tindua Bhanpur, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168 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 – 33	8	Good, Fine to medium sand	R_{mf} = 24 Ωm R_w = 27.1 Ωm
2	39 – 43	4	Good, Fine to medium sand	
3	55 – 60	5	Good, Fine to medium sand	
4	65 – 70	5	Good, Fine to medium sand	
5	74 – 80	6	Good, Fine to medium sand	
6	82 – 88	6	Good, Fine to medium sand	
7	95 – 100	5	Good, Fine to medium sand	
8	123 – 132	9	Good, Fine to medium sand	
9	138 – 156	18	Good, Fine to medium sand — Kankar Intermixed	
10	162 – 165	3	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: One more zone as 112-116 (4m) - good may add.

G.Sh
21/04/23



(A.K. Singh)
Geophysicist