



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/204

Date : 26.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168 mbgl~~

Date of Logging : 26.04.23

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	30 – 33	3	Good, Fine to medium sand	R_{mf} = 26.8 Ωm R_w = 28 Ωm
2	37 – 47	10	Good, Fine to medium sand	
3	55 – 60	5	Good, Fine to medium sand	
4	72 – 90	18	Good, Fine to medium sand, highly kankar mixed	
5	105 – 108	3	Good, Fine to medium sand	
6	115 – 130	15	Good, Fine to medium sand	
7	143 – 150	7	Good, Fine to medium sand	
8	158 – 161	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: Sr No 4-74-77 (3m) and 56-90 (4m)

GSh
27/04/23



(A.K. Singh)
Geophysicist