



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/212

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 02.05.23

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 – 36	6	Good, Fine to medium sand	R_{mf} = 22.6 Ωm R_w = 25 Ωm
2	47 – 57	10	Good, Fine to medium sand	
3	65 – 75	10	Good, Fine to medium sand	
4	82 – 92	10	Good, Fine to medium sand	
5	107 – 111	4	Good, Fine to medium sand	
6	115 – 120	5	Good, Fine to medium sand	
7	128 – 135	7	Good, Fine to medium sand, highly kankar mixed	
8	144 – 150	6	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 7-120-132 (4m)*

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

Asst

(A.K. Singh)
Geophysicist