



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/224

Date : 08.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : ~~170 mbgl~~

Date of Logging : 08.05.23

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	30 - 41	11	Good, Fine to medium sand	R_{mf} = 29 Ωm R_w = 32.8 Ωm
2	45 - 62	17	Good, Fine to medium sand	
3	68 - 80	12	Good, Fine to medium sand	
4	89 - 95	6	Good, Fine to medium sand	
5	100 - 116	16	Good, Fine to medium sand	
6	120 - 132	12	Good, Fine to medium sand	
7	146 - 152	6	Good, Fine to medium sand	
8	155 - 170	15	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 2- 45-57 (12m)
Sr No 8- 157-170 (13m)

G. Singh
09/05/23



(A.K. Singh)
Geophysicist