



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/IJM/ Balrampura/234

Date : 15.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Badhari, Block – Gaindas Bujurg
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 15.05.23

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 – 40	10	Good, Fine to medium sand	R_{mf} = 29.1 Ωm R_w = 32 Ωm
2	51 – 56	5	Good, Fine to medium sand	
3	60 – 74	14	Good, Fine to medium sand	
4	80 – 83	3	Good, Fine to medium sand	
5	95 – 112	17	Good, Fine to medium sand	
6	121 – 132	11	Good, Fine to medium sand	
7	150 – 160	10	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

Abhay
Tiwari
JUNIOR ENGINEER
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U.P. JAL NIGAM RURAL GONDA

Verified as per
logs provided

G.C.S.
16/05/23



(A.K. Singh)
Geophysicist