



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/273

Date : 20.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~278 mbgl~~

Date of Logging : 20.06.23

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	50 – 55	5	Good, Fine to medium sand	R_{mf} = 20.6 Ωm
2	69 – 72	3	Good, Fine to medium sand	R_w = 22 Ωm
3	75 – 78	3	Good, Fine to medium sand	
4	85 – 88	3	Good, Fine to medium sand	
5	101 – 105	4	Good, Fine to medium sand	
6	108 – 118	10	Good, Fine to medium sand	
7	127 – 131	4	Good, Fine to medium sand	
8	159 – 162	3	Good, Fine to medium sand	
9	170 – 173	3	Good, Fine to medium sand	
10	182 – 195	13	Good, Fine to medium sand	
11	240 – 260	20	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

G.S.
21/06/23

Arish

(A.K. Singh)
Geophysicist