



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/101

Date : 08.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Semari Block – Gaisandi
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 268 mbgl

Date of Logging : 08.02.23

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	39 – 45	6	Good, Fine to medium sand	R_{mf} = 22.3 Ωm
2	50 – 57	7	Good, Fine to medium sand	R_w = 23.1 Ωm
3	69 – 75	6	Good, Fine to medium sand	
4	83 – 95	12	Good, Fine to medium sand	
5	113 – 123	10	Good, Fine to medium sand	
6	162 – 166	4	Good, Fine to medium sand	
7	174 – 180	6	Good, Fine to medium sand	
8	192 – 197	5	Good, Fine to medium sand	
9	216 – 222	6	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 216 mbgl.

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Verified as per
logs provided.
Note - Sr No 9-87-95
(8m)
Gch
09/02/23



(A.K. Singh)
Geophysicist