



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/369

Date : 27.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lalpur Vishunpur, Block – Harraiya Satgharwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 255 mbgl

Date of Logging : 27.10.23

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	60 – 87	27	Good, Fine to medium sand	R _{mf} = 22 Ωm R _w = 23 Ωm
2	114 – 121	7	Good, Fine to medium sand	
3	126 – 132	6	Good, Fine to medium sand	
4	135 – 145	10	Good, Fine to medium sand	
5	150 – 157	7	Good, Fine to medium sand	
6	175 – 183	8	Good, Fine to medium sand	
7	190 – 196	6	Good, Fine to medium sand	
8	210 – 219	9	Good, Fine to medium sand	
9	226 – 241	15	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 241 mbgl to till depth logged.

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Drink

(A.K. Singh)
Geophysicist