



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/320

Date : 19.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Padrauna, Block – Tulsipur *Giasani*
Distt. – Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 19.08.23

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	72 – 82	10	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 25.3 Ωm
2	90 – 93	3	Good, Fine to medium sand	
3	100 – 105	5	Good, Fine to medium sand	
4	117 – 122	5	Good, Fine to medium sand	
5	150 – 156	6	Good, Fine to medium sand	
6	180 – 190	10	Good, Fine to medium sand	
7	196 – 203	7	Good, Fine to medium sand	
8	236 – 261	25	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar.

CC:

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

Drish

(*A. K. Singh*)
Geophysicist