



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/374

Date : 28.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dudhara, Block – Gaindas Bujurg
Distt - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 160 mbgl

Date of Logging : 28.10.23

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	25 – 35	10	Good, Fine to medium sand	R _{mf} = 25 Ωm R _w = 26 Ωm
2	45 – 58	13	Good, Fine to medium sand	
3	65 – 72	7	Good, Fine to medium sand	
4	82 – 90	8	Good, Fine to medium sand	
5	95 – 108	13	Good, Fine to medium sand	
6	120 – 132	12	Good, Fine to medium sand	
7	145 – 151	6	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 151 mbgl to till depth logged.

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

Wany

Abhay Tiwari

JUNIOR ENGINEER
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U.P. JAL NIGAM RURAL GONDA

Drink

(A.K. Singh)
Geophysicist