



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/373

Date : 28.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Karmhana, Block – Balrampur
Distt - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 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	30 – 40	10	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 26 Ωm
2	44 – 56	12	Good, Fine to medium sand	
3	65 – 73	8 ✓	Good, Fine to medium sand	
4	80 – 87	7 ✓	Good, Fine to medium sand	
5	106 – 112	6 ✓	Good, Fine to medium sand	
6	125 – 140	15 ✓	Good, Fine to medium sand	
7	150 – 160	10	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 160 mbgl to till depth logged.

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

Signature

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JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

Signature

(A.K. Singh)
Geophysicist