



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/410

Date : 10.12.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Naya Nagar, Block – Rehra Bazar
Distt - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 10.12.23

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 strara	R _{mf} & R _w
1	24 – 30	6	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 24 Ωm
2	40 – 65	25	Good, Fine to medium sand	
3	70 – 85	15	Good, Fine to medium sand	
4	88 – 95	7	Good, Fine to medium sand	
5	109 – 116	7	Good, Fine to medium sand	
6	134 – 144	10	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 144 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda



(A.K. Singh)
Geophysicist