



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/420

Date : 21.02.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khajuriya, Block – Balrampur
Distt - Balrampur
Latitude – 27.41869⁰, Longitude – 82.382421⁰

Drilling Depth : 168 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 21.02.24

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : IGIS

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	27 – 36	9	Good, Fine to medium sand	R _{mf} = 22.9 Ωm R _w = 23.7 Ωm
2	45 – 51	6	Good, Fine to medium sand	
3	64 – 71	7	Good, Fine to medium sand	
4	80 – 96	16	Good, Fine to medium sand	
5	103 – 118	15	Good, Fine to medium sand	
6	124 – 136	12	Good, Fine to medium sand	
7	150 – 162	12	Good, Fine to medium sand	

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

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



(A.K. Singh)
Geophysicist