



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/421

Date : 25.02.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sadullah Nagar & Kishunpur Sagar,
Block – Rehra Bazar
Distt - Balrampur
Latitude – 27.11293⁰, Longitude – 82.373836⁰

Drilling Depth : 168 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 25.02.24

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	28 – 35	7	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 26 Ωm
2	42 – 65	23	Good, Fine to medium sand	
3	70 – 76	6	Good, Fine to medium sand	
4	80 – 93	13	Good, Fine to medium sand	
5	100 – 103	3	Good, Fine to medium sand	
6	107 – 112	5	Good, Fine to medium sand	
7	136 – 150	14	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