



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/377

Date : 30.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 30.10.23

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



Logger Used : Upron

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	35 – 43	8	Good, Fine to medium sand	R _{mf} = 24 Ωm R _w = 26 Ωm
2	50 – 58	8	Good, Fine to medium sand	
3	66 – 83	17	Good, Fine to medium sand	
4	90 – 101	11	Good, Fine to medium sand	
5	110 – 116	6	Good, Fine to medium sand	
6	123 – 131	8	Good, Fine to medium sand	
7	137 – 145	8	Good, Fine to medium sand	
8	150 – 158	8	Good, Fine to medium sand	

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

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



(A.K. Singh)
Geophysicist