



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/397

Date : 17.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Akbarpur Kalan, Block – Harraiya Satgharwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 17.11.23

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	62 – 72	10	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 26 Ωm
2	75 – 81	6	Good, Fine to medium sand	
3	92 – 100	8	Good, Fine to medium sand	
4	109 – 115	6	Good, Fine to medium sand	
5	121 – 127	6	Good, Fine to medium sand	
6	135 – 150	15	Good, Fine to medium sand	
7	155 – 160	5	Good, Fine to medium sand	
8	166 – 172	6	Good, Fine to medium sand	
9	180 – 185	5	Good, Fine to medium sand	
10	210 – 238	28	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 238 mbgl to till depth logged.

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

Drink

(A.K. Singh)
Geophysicist