



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/402

Date : 28.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sekhwania Kalan, Block – Tulsipur
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 265 mbgl

Date of Logging : 28.11.23

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	66 – 80	14	Good, Fine to medium sand	R _{mf} = 22.1 Ωm R _w = 23.3 Ωm
2	90 – 105	15	Good, Fine to medium sand	
3	112 – 117	5	Good, Fine to medium sand	
4	124 – 128	4	Good, Fine to medium sand	
5	134 – 142	8	Good, Fine to medium sand	
6	160 – 170	10	Good, Fine to medium sand	
7	173 – 187	14	Good, Fine to medium sand	
8	212 – 225	13	Good, Fine to medium sand	
9	230 – 245	15	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 245 mbgl to till depth logged.

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

Drink

(A.K. Singh)
Geophysicist