



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/361

Date : 19.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lalbojhi (Re-Logging), Block – Tulsipur
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 19.10.23

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)	Thickne ss (m)	Types of strara	R_{mf} & R_w
1	30 - 46	16	Good, Fine to medium sand	$R_{mf} = 23.1 \Omega m$ $R_w = 25 \Omega m$
2	75 – 82	7	Good, Fine to medium sand	
3	90 – 102	12	Good, Fine to medium sand	
4	118 – 125	7	Good, Fine to medium sand	
5	134 – 145	11	Good, Fine to medium sand	
6	150 – 157	7	Good, Fine to medium sand	
7	166 – 175	9	Good, Fine to medium sand	
8	180 – 191	11	Good, Fine to medium sand	
9	198 – 218	20	Good, Fine to medium sand	
10	232 – 236	4	Good, Fine to medium sand	
11	243 – 248	5	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

Drink

(**R.K. Singh**)
Geophysicist