



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/380

Date : 04.11.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 260 mbgl

Date of Logging : 04.11.23

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	30 – 38	8	Good, Fine to medium sand	R _{mf} = 23 Ωm R _w = 26 Ωm
2	57 – 63	6	Good, Fine to medium sand	
3	69 – 77	8	Good, Fine to medium sand	
4	85 – 98	12	Good, Fine to medium sand	
5	105 – 113	8	Good, Fine to medium sand	
6	122 – 138	16	Good, Fine to medium sand	
7	145 – 160	15	Good, Fine to medium sand	
8	169 – 178	9	Good, Fine to medium sand	
9	187 – 191	4	Good, Fine to medium sand	
10	209 – 225	16	Good, Fine to medium sand	
11	245 – 254	9	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