

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Bahrapura/201

Date : 21.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Nand Nagar Jannuadih, Block – Harriya Sarharwa

District - Bahrapur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 21.04.23

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

Logger Used : Upren

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 _{inf} & R _w
1	37 - 41	4	Good. Fine to medium sand	R _{inf} = 19.1 Ωm R _w = 30.2 Ωm
2	71 - 82	11	Good. Fine to medium sand	
3	114 - 120	6	Good. Fine to medium sand	
4	142 - 154	12	Good. Fine to medium sand	
5	167 - 176	9	Good. Fine to medium sand	
6	224 - 228	4	Good. Fine to medium sand	
7	234 - 244	10	Good. Fine to medium sand	

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

CC : Executive Engineer (EM Div) U P Jal Nigam (Gramin), Gonda

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