



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/370

Date : 27.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270 mbgl

Date of Logging : 27.10.23

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

Logger Used : Upton

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 – 36	6	Good, Fine to medium sand	R _{mf} = 20.7 Ωm R _w = 23 Ωm
2	44 – 53	9	Good, Fine to medium sand	
3	66 – 72	6	Good, Fine to medium sand	
4	77 – 96	19	Good, Fine to medium sand	
5	105 – 114	9	Good, Fine to medium sand	
6	130 – 143	13	Good, Fine to medium sand	
7	160 – 173	13	Good, Fine to medium sand	
8	178 – 190	12	Good, Fine to medium sand	
9	200 – 216	16	Good, Fine to medium sand	
10	224 – 240	16	Good, Fine to medium sand	
11	260 – 263	3	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 263 mbgl to till depth logged.

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

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