



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/355

Date : 16.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 255 mbgl

Date of Logging : 16.10.23

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	24 - 30	6	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	50 – 55	5	Good, Fine to medium sand	
3	70 – 92	22	Good, Fine to medium sand	
4	120 – 125	5	Good, Fine to medium sand	
5	140 – 147	7	Good, Fine to medium sand	
6	150 – 155	5	Good, Fine to medium sand	
7	165 – 174	9	Good, Fine to medium sand	
8	180 – 190	10	Good, Fine to medium sand	
9	220 – 225	5	Good, Fine to medium sand	
10	230 – 242	12	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

(A.K. Singh)
Geophysicist