



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/415

Date : 17.01.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lambi Kohal, Block – Harriya Satgharwa
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 270mbgl

Date of Logging : 17.01.24

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)	Thickness (m)	Types of strara	R _{mf} & R _w
1	36 – 45	9	Good, Fine to medium sand	R _{mf} = 21 Ωm R _w = 23 Ωm
2	65 – 69	4	Good, Fine to medium sand	
3	77 – 90	13	Good, Fine to medium sand	
4	94 – 102	8	Good, Fine to medium sand	
5	120 – 127	7	Good, Fine to medium sand	
6	130 – 134	4	Good, Fine to medium sand	
7	150 – 154	4	Good, Fine to medium sand	
8	164 – 168	4	Good, Fine to medium sand	
9	172 – 184	12	Good, Fine to medium sand	
10	218 – 230	12	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 230 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Drink

(A.K. Singh)
Geophysicist