



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/367

Date : 26.10.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Lokhawa Khurd, Block – Gaisandi
Distt - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 250 mbgl

Date of Logging : 26.10.23

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 strara	R_{mf} & R_w
1	63 - 73	10	Good, Fine to medium sand	$R_{mf} = 23 \Omega m$ $R_w = 25.3 \Omega m$
2	79 - 85	6	Good, Fine to medium sand	
3	90 - 100	10	Good, Fine to medium sand	
4	105 - 110	5	Good, Fine to medium sand	
5	120 - 125	5	Good, Fine to medium sand	
6	127 - 134	7	Good, Fine to medium sand	
7	165 - 172	7	Good, Fine to medium sand	
8	182 - 192	10	Good, Fine to medium sand	
9	200 - 208	8	Good, Fine to medium sand	
10	216 - 233	17	Good, Fine to medium sand	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 233 mbgl to till depth logged.

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

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JUNIOR ENGINEER
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U.P. JAL NIGAM RURAL GONDA

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(A.K. Singh)
Geophysicist