



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampura/216

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhitauri, Block – Sridattganj
District - Balrampur

Drilling Depth : 172 mbgl as Reported by Driller

Logged Depth : 170 mbgl

Date of Logging : 02.05.23

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	20 – 40	20	Good. Fine to medium sand	R_{mf} = 30 Ωm
2	57 – 62	5	Good. Fine to medium sand	R_w = 33 Ωm
3	67 – 73	6	Good. Fine to medium sand	
4	76 – 82	6	Good. Fine to medium sand	
5	104 – 107	3	Good. Fine to medium sand	
6	110 – 115	5	Good. Fine to medium sand	
7	117 – 120	3	Good. Fine to medium sand	
8	125 – 142	17	Good. Fine to medium sand	
9	153 – 160	7	Good. Fine to medium sand	

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

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

Santosh
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U.P. JAL NIGAM RURAL GONDA

verified as per logs provided
GIC
03/05/23

Singh

(A.K. Singh)
Geophysicist