



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/240

Date : 18.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 18.05.23

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	30 – 41	11	Good, Fine to medium sand	$R_{mf} = 24.6 \Omega m$
2	47 – 50	3	Good, Fine to medium sand	$R_w = 27 \Omega m$
3	55 – 58	3	Good, Fine to medium sand	
4	62 – 65	3	Good, Fine to medium sand	
5	67 – 70	3	Good, Fine to medium sand	
6	84 – 87	3	Good, Fine to medium sand	
7	105 – 112	7	Good, Fine to medium sand	
8	130 – 140	10	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

Verified as per
logs provided
Note - 30-35 (5m)
and 37-41 (4m)

G. S. S.
19/05/23

Sudanta
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U.P. JAL NIGAM RURAL GONDA

(A.K. Singh)
Geophysicist