



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Balrampura/218

Date : 02.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Puraina Wajid. Block – Sridattganj
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 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	18 - 25	7	Good. Fine to medium sand	$R_{mf} = 27 \Omega m$ $R_w = 31.2 \Omega m$
2	32 - 40	8	Good. Fine to medium sand	
3	48 - 55	7	Good. Fine to medium sand	
4	79 - 92	13	Good. Fine to medium sand, kankar intermixed	
5	98 - 110	12	Good. Fine to medium sand	
6	115 - 120	5	Good. Fine to medium sand	
7	123 - 130	7	Good. Fine to medium sand	
8	140 - 145	5	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 S.No 5 - 100-110 (10m)
S.No 6 - 115-119 (4m)
G.S.K.
03/05/23

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Bank

(A.K. Singh)
Geophysicist