



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampur/228

Date : 08.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 08.05.23

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 – 40	10	Good, Fine to medium sand	$R_{mf} = 24 \Omega m$ $R_w = 27.6 \Omega m$
2	47 – 50	3	Good, Fine to medium sand	
3	52 – 60	8	Good, Fine to medium sand	
4	62 – 67	5	Good, Fine to medium sand	
5	73 – 80	7	Good, Fine to medium sand	
6	87 – 100	13	Good, Fine to medium sand, kankar intermixed - <i>Highly</i>	
7	128 – 133	5	Good, Fine to medium sand	
8	141 – 144	3	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

G.S.
09/05/23

Arish

(A.K. Singh)
Geophysicist