



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/251

Date : 04.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 04.06.23

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	$R_{mf} = 23 \Omega m$ $R_w = 24.9 \Omega m$
2	45 – 50	5	Good, Fine to medium sand	
3	65 – 72	7	Good, Fine to medium sand	
4	78 – 81	3	Good, Fine to medium sand	
5	94 – 100	6	Good, Fine to medium sand	
6	106 – 113	6	Good, Fine to medium sand	
7	114 – 118	4	Good, Fine to medium sand	
8	125 – 140	15	Good, Fine to medium sand – Kankar Intermixed	
9	157 – 162	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

G.S. Ch
06/06/23



(A.K. Singh)
Geophysicist