



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [sl.amaresh11@gmail.com](mailto:sl.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/134

Date : 01.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mahuwa, Block – Sridattganj  
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 163 mbgl

Date of Logging : 01.03.23

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 – 35	5	Good, Fine to medium sand	$R_{mf} = 31 \Omega m$
2	47 – 55	8	Good, Fine to medium sand	$R_w = 32.6 \Omega m$
3	67 – 76	9	Good, Fine to medium sand	
4	84 – 95	11	Good, Fine to medium sand	
5	100 – 103	3	Good, Fine to medium sand	
6	108 – 113	5	Good, Fine to medium sand	
7	125 – 137	12	Good, Fine to medium sand	
8	144 – 150	6	Good, Fine to medium sand	

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

Verified as per  
logs provided.

G.S.H.  
01/03/23

  
  
(A.K. Singh)  
Geophysicist