



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: [slamadesh11@gmail.com](mailto:slamadesh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/299

Date : 29.07.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Deoria Mainaha & Chiti, Block – Utraula  
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 29.07.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

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	$R_{mf} = 24 \Omega m$ $R_w = 26 \Omega m$
2	47 – 52	5	Good, Fine to medium sand	
3	55 – 72	17	Good, Fine to medium sand	
4	80 – 88	8	Good, Fine to medium sand	
5	94 – 101	7	Good, Fine to medium sand	
6	107 – 112	5	Good, Fine to medium sand	
7	127 – 135	8	Good, Fine to medium sand	
8	144 – 152	8	Good, Fine to medium sand	

**Remark :** Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 152 mbgl.

CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

  
  
(A.K. Singh)  
Geophysicist