



# 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](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/378

Date : 31.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Ratanpur, Block – Harraiya Satgharwa  
Distt - Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : 255 mbgl

**Date of Logging** : 31.10.23

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

**Logger Used** : Upron

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 <sub>mf</sub> & R <sub>w</sub>
1	30 – 36	6	Good, Fine to medium sand	R <sub>mf</sub> = 24 Ωm R <sub>w</sub> = 26 Ωm
2	65 – 82	17	Good, Fine to medium sand	
3	92 – 100	8	Good, Fine to medium sand	
4	110 – 124	14	Good, Fine to medium sand	
5	132 – 148	16	Good, Fine to medium sand	
6	187 – 212	25	Good, Fine to medium sand	
7	215 – 223	8	Good, Fine to medium sand	
8	232 – 245	13	Good, Fine to medium sand	

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

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

  
  
(A.K. Singh)  
Geophysicist