



# 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/408

Date : 08.12.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : 265 mbgl

**Date of Logging** : 08.12.23

**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 <sub>mf</sub> & R <sub>w</sub>
1	60 – 72	12	Good, Fine to medium sand	R <sub>mf</sub> = 20 Ωm R <sub>w</sub> = 22.8 Ωm
2	92 – 100	8	Good, Fine to medium sand	
3	105 – 117	12	Good, Fine to medium sand	
4	122 – 127	5	Good, Fine to medium sand	
5	134 – 142	8	Good, Fine to medium sand	
6	150 – 155	5	Good, Fine to medium sand	
7	160 – 171	11	Good, Fine to medium sand	
8	210 – 220	10	Good, Fine to medium sand	
9	224 – 245	21	Good, Fine to medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 245 mbgl to till depth logged.

CC: 1. Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

*Drink*  
  
(A.K. Singh)  
Geophysicist