



# 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/Ambedkar Nagar/22

Date : 31.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Surjupur, Block – Katehri  
Distt. – Ambedkar Nagar

**Drilled Depth** : 170 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 31.12.22

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

**Logger Used** : JGIS

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of strata	R <sub>mf</sub> & R <sub>w</sub>
1	32 – 48	16	Good	R <sub>mf</sub> = 24 Ωm
2	56 – 72	16	Good, Intermixed kankar bands	R <sub>w</sub> = 25.7 Ωm
3	75 – 86	11	Good	
4	105 – 118	13	Good, Intermixed kankar bands	
5	133 – 145	12	Good, Intermixed kankar bands	



**Remark** : / Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 145 mbgl.

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided  
Note - Sr N03 have finer sediments  
- All zone are intermixed with bands of kankar*

*G. Sh  
02/01/23*

  
  
(A.K. Singh)  
Geophysicist