



# 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/17

Date : 24.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilled Depth** : 168 mbgl

**Logged Depth** : ~~168~~ mbgl

**Date of Logging** : 24.12.22

**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) | Quality & Types of strata    | R <sub>mf</sub> & R <sub>w</sub>                      |
|--------------|----------------------|---------------|------------------------------|---|
| <del>1</del> | 35 – 45              | 10            | Good                         | R <sub>mf</sub> = 24.2 Ωm<br>R <sub>w</sub> = 26.1 Ωm |
| <del>2</del> | 49 – 52              | 3             | Good                         |   |
| <del>3</del> | 58 – 67              | 9             | Good                         |   |
| <del>4</del> | 75 – 78              | 3             | Good                         |   |
| <del>5</del> | 112 – 122            | 10            | Good, Intermixd kankar bands |   |
| <del>6</del> | 135 – 140            | 5             | Good                         |   |

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 140 mbgl.~~

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided.  
Note - In Nos - 115 - 122 (7m)  
GIC  
29/12/22*

*Arish*  
  
(A.K. Singh)  
Geophysicist