



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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**GSTIN: 09ANAPS3037Q1ZG**

**MSME: UDYAM-UP-50-0135993**

Ref: GIC/JJM/ Barabanki/218

Date : 22.12.24

## GEOFYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Saray Pandey 2nd Tubewell , Block – Trivediganj  
Distt. – Barabanki

**Drilling Depth** : 167 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 22.12.24

**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 | $R_{mf}$ & $R_w$                                  |
|---------|----------------------|---------------|-----------------|---------------------------------------------------|
| 1       | 30 – 50              | 20            | Good            | $R_{mf} = 17.2 \Omega m$<br>$R_w = 19.6 \Omega m$ |
| 2       | 60 – 65              | 5             | Good            |                                                   |
| 3       | 70 – 75              | 5             | Good            |                                                   |
| 4       | 110 – 115            | 5             | Moderate        |                                                   |

**Remark :** Almost all zones are intermixed with fine bands of kankar. **No proper granular zones encountered below 115 mbgl to till depth logged.**

C C : Megha Engineering & Infrastructure Limited.

  
  
**(R.K. Singh)**  
**Geophysicist**