



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email: [sl.amaresh11@gmail.com](mailto:sl.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Basti/11

Date : 24.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhagloopur, Block – Kudraha  
Distt. – Basti

Drilling Depth : 145 mbgl – as reported by Driller

Logged Depth : ~~135~~ mbgl

Date of Logging : 24.11.22

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

Logger Used : ~~IGIS~~

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            | 15 – 22              | 7             | Good                          | $R_{mf} = 28.2 \Omega m$<br>$R_w = 31.4 \Omega m$ |
| (2)          | 32 – 37              | 5             | Good, Intermixed kankar bands |                                                   |
| <del>3</del> | 40 – 45              | 5             | Good, Intermixed kankar bands |                                                   |
| <del>4</del> | 51 – 60              | 9             | Good, Intermixed kankar bands |                                                   |
| <del>5</del> | 63 – 72              | 9             | Good                          |                                                   |
| <del>6</del> | 95 – 98              | 3             | Good                          |                                                   |
| <del>7</del> | 101 – 104            | 3             | Good                          |                                                   |
| <del>8</del> | 112 – 115            | 3             | Good                          |                                                   |

Remark : ~~Almost all zones are intermixed with fine bands of kankar,~~

CC : Megha Engineering & Infrastructure Limited.

Verified as per  
logs provided.

4.11.22  
ASSISTANT GEOPHYSICIST  
CIE (EM)  
UP. M. R. S. (RURAL)

Dr. Singh  
GROUND WATER INVESTIGATION CENTRE  
(A. G. Singh)  
Geophysicist