



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/363

Date : 23.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Ramnagar, Block – Gaisandi  
Distt - Balrampur

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : 275 mbgl

**Date of Logging** : 23.10.23

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



**Logger Used** : Uptron

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

| Sl. No. | Depth Range (m, bgl) | Thicknes ss (m) | Types of strara           | R <sub>mf</sub> & R <sub>w</sub>                  |
|---------|----------------------|-----------------|---------------------------|---|
| 1       | 35 - 40              | 5               | Good, Fine to medium sand | R <sub>mf</sub> = 23 Ωm<br>R <sub>w</sub> = 25 Ωm |
| 2       | 50 - 55              | 5               | Good, Fine to medium sand |   |
| 3       | 60 - 69              | 9               | Good, Fine to medium sand |   |
| 4       | 74 - 80              | 6               | Good, Fine to medium sand |   |
| 5       | 85 - 96              | 11              | Good, Fine to medium sand |   |
| 6       | 126 - 135            | 9               | Good, Fine to medium sand |   |
| 7       | 145 - 163            | 18              | Good, Fine to medium sand |   |
| 8       | 169 - 175            | 6               | Good, Fine to medium sand |   |
| 9       | 212 - 237            | 25              | Good, Fine to medium sand |   |
| 10      | 247 - 273            | 26              | Good, Fine to medium sand |   |

**Remark** : Almost all zones are intermixed with fine bands of kankar.

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