



# 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/ Balrampura/205

Date : 26.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Buddhipur, Block – Rehra Bazar  
District - Balrampur

**Drilling Depth** : 170 mbgl as Reported by Driller

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

**Date of Logging** : 26.04.23

**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) | Thickness (m) | Types of strata                      | R <sub>mf</sub> & R <sub>w</sub>                                |
|--------------|----------------------|---------------|--------------------------------------|---|
| <del>1</del> | <del>40 – 60</del>   | <del>20</del> | <del>Good, Fine to medium sand</del> | <del>R<sub>mf</sub> = 24.8 Ωm<br/>R<sub>w</sub> = 26.4 Ωm</del> |
| <del>2</del> | <del>63 – 68</del>   | <del>5</del>  | <del>Good, Fine to medium sand</del> |   |
| <del>3</del> | <del>72 – 80</del>   | <del>8</del>  | <del>Good, Fine to medium sand</del> |   |
| <del>4</del> | <del>85 – 96</del>   | <del>11</del> | <del>Good, Fine to medium sand</del> |   |
| <del>5</del> | <del>101 – 105</del> | <del>4</del>  | <del>Good, Fine to medium sand</del> |   |
| <del>6</del> | <del>110 – 115</del> | <del>5</del>  | <del>Good, Fine to medium sand</del> |   |
| <del>7</del> | <del>122 – 130</del> | <del>8</del>  | <del>Good, Fine to medium sand</del> |   |
| <del>8</del> | <del>135 – 148</del> | <del>13</del> | <del>Good, Fine to medium sand</del> |   |

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

CC : Executive Engineer (E/M Div) U P Jal Nigam (Gramin), Gonda

Verified as per  
logs provided

G.Sh  
27/04/23

  
  
(G.S. Singh)  
Geophysicist