



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Shravasti/90

Date : 21.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village -Kokal, Block - Hariharpur Rani  
District - Shravasti

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

**Logged Depth** : 168 mbgl

**Date of Logging** : 21.05.23

**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) | Probable Lithology  | Remarks | $R_{mf}$ & $R_w$       |
|---------|----------------------|---------------|---------------------|---------|------------------------|
| 1       | 47 - 63              | 16            | Fine to medium sand | Good    | $R_{mf} = 27 \Omega m$ |
| 2       | 70 - 78              | 8             | Fine to medium sand | Good    | $R_w = 29.6 \Omega m$  |
| 3       | 84 - 92              | 8             | Fine to medium sand | Good    |                        |
| 4       | 109 - 112            | 3             | Fine to medium sand | Good    |                        |
| 5       | 119 - 135            | 16            | Fine to medium sand | Good    |                        |
| 6       | 144 - 147            | 3             | Fine to medium sand | Good    |                        |
| 7       | 154 - 160            | 6             | Fine to medium sand | Good    |                        |

**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*  
*Note - 2- 70-73 (3m)*  
*75-78 (3m)*  
*119-132 (13m)*  
*G.S. Singh*  
*22/05/23*

