



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Pipra Hasanpur urf Sujia, Block – Semariyawan,  
Distt. – Sant Kabir Nagar

**Drilling Depth (m)** : 156.00 mbgl as reported by Driller

**Logged Depth (m)** : 154.00 mbgl

**Date of Logging** : 16.10.2023

**Types of Log** : S.P., Resistivity (Normal) & Natural Gamma

**Logger Used** : Robertson Geologging.,

**Bore Hole Drilled by** : Jackson-Vishvaraj-JV.,

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

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of Strata | R <sub>mf</sub> & R <sub>w</sub>                        |
|---------|----------------------|---------------|---------------------------|---|
| 1       | 38 – 58              | 20            | Good                      | R <sub>mf</sub> = 19.54 Ωm<br>R <sub>w</sub> = 21.62 Ωm |
| 2       | 69 – 76              | 7             | Good                      |   |
| 3       | 102 – 106            | 4             | Good                      |   |
| 4       | 111 – 120            | 9             | Good                      |   |
| 5       | 138 – 150            | 12            | Good                      |   |

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)  
Geophysicist