



**Remark :** 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 144 mbgl to till depth logged.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of Strata | $R_{mf}$ & $R_w$          |
|---------|----------------------|---------------|---------------------------|---------------------------|
| 1       | 31 - 34              | 3             | Good                      | $R_{mf} = 14.58 \Omega m$ |
| 2       | 38 - 46              | 8             | Good                      | $R_w = 15.49 \Omega m$    |
| 3       | 53 - 57              | 4             | Good, Fine Sand           |                           |
| 4       | 62 - 65              | 3             | Good                      |                           |
| 5       | 78 - 88              | 10            | Good                      |                           |
| 6       | 111 - 115            | 4             | Good, Fine Sand           |                           |
| 7       | 122 - 128            | 6             | Good                      |                           |
| 8       | 140 - 144            | 4             | Good                      |                           |

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

Bore Hole Drilled by : Kalpataru Power Transmission Ltd.,

Logger Used : Robertson Geologging.,

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

Date of Logging : 25.10.2023

Logged Depth (m) : 190.30 mbgl

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Site's Location : Village - Bhagatpura, Block - Nautanwa, Distt. - Maharajganj

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Date: 25-10-2023

Ref: TDM/A/W/P/JR/567

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GROUND WATER INVESTIGATION CENTRE

