



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/688

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Padari, Block – Khuniyaon, Distt. – Siddarth Nagar

Drilling Depth (m) : 175.00 mbgl as reported by Driller

Logged Depth (m) : 165.70 mbgl

Date of Logging : 14.12.2023

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 _{mf} & R _w |
|---------|----------------------|---------------|---------------------------|---|
| 1 | 26 – 34 | 8 | Good | R _{mf} = 45.23 Ωm R _w = 47.79 Ωm |
| 2 | 48 – 62 | 14 | Good | |
| 3 | 74 – 82 | 8 | Good | |
| 4 | 90 – 104 | 14 | Good | |
| 5 | 120 – 126 | 6 | Good, Fine sand | |
| 6 | 138 – 152 | 14 | Good | |

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



(A.K. Singh)
Geophysicist