



(Ground Water Assessment & Allied Services)

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bandha, Block - Brijmanganj, Dist. - Maharajganj

Drilling Depth (m) : 250.00 mbgl as reported by Driller

Logged Depth (m) : 181.40 mbgl

Date of Logging : 09.12.2023

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

Logger Used : Robertson Geologging.,

Bore Hole Drilled by: Rithwik-Koya-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 | 19 - 23 | 4 | Good | R _{mf} = 18.13 Ωm R _w = 20.66 Ωm |
| 2 | 28 - 37 | 9 | Good | |
| 3 | 47 - 50 | 3 | Good | |
| 4 | 58 - 68 | 10 | Good | |
| 5 | 86 - 90 | 4 | Good | |
| 6 | 94 - 112 | 18 | Good | |
| 7 | 137 - 140 | 3 | Good, Kankar mixed very fine sand | |
| 8 | 176 - 180 | 4 | Good, Kankar mixed very fine sand | |

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



(A.K. Singh)
Geophysicist