



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/836

Date : 19.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Bhanpur Mallapur & Khana Marod, Block - Behta
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 155 mbgl

Date of Logging : 19.07.23

Types of Log : S.P. & Resistivity (Normal & Lateral)



Logger Used : IGIS

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 | 37 – 42 | 5 | Good | $R_{mf} = 25.9 \Omega m$ $R_w = 27 \Omega m$ |
| 2 | 49 – 53 | 4 | Good | |
| 3 | 73 – 82 | 9 | Good | |
| 4 | 86 – 94 | 8 | Good | |
| 5 | 105 – 112 | 7 | Good | |
| 6 | 125 – 134 | 9 | Good | |
| 7 | 148 – 154 | 6 | Good | |

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

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist