



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/509

Date : 20.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Ambarpur & Katiya, Block - Bisawan
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 20.03.23

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 | 27 – 35 | 8 | Good | $R_{mf} = 24.7 \Omega m$ $R_w = 26 \Omega m$ |
| 2 | 43 – 55 | 12 | Good | |
| 3 | 61 – 70 | 9 | Good | |
| 4 | 85 – 93 | 8 | Good | |
| 5 | 95 – 108 | 13 | Good | |
| 6 | 112 – 120 | 8 | Good | |
| 7 | 143 – 156 | 13 | Good | |

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

CC :
I.M/S NCC Sitapur

Verified as per logs provided.
G.S.
21/03/23



(A.K. Singh)
Geophysicist