



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/668

Date : 27.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Ashrafpur, Block - Bisawan
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 162 mbgl

Date of Logging : 27.05.23

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 | 44 – 48 | 4 | Good | $R_{mf} = 23 \Omega m$ $R_w = 25.1 \Omega m$ |
| 2 | 54 – 65 | 11 | Good - Kankar Intermixed | |
| 3 | 69 – 72 | 3 | Good | |
| 4 | 78 – 81 | 3 | Good | |
| 5 | 112 – 120 | 8 | Good | |
| 6 | 130 – 139 | 9 | Good - Kankar Intermixed | |
| 7 | 145 – 152 | 7 | Good | |

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

CC :
I.M/S NCC Sitapur

Verified as per logs provided.

G. Sh
29/05/23



(A.K. Singh)
Geophysicist