



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/805

Date : 08.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Chhatauni, Block - Rampur Mathura
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 145 mbgl

Date of Logging : 08.07.23

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 strara | R _{mf} & R _w |
|---------|----------------------|---------------|---------------------------|---------------------------------------------------|
| 1 | 35 – 42 | 7 | Good | R _{mf} = 26 Ωm R _w = 28 Ωm |
| 2 | 44 – 47 | 3 | Good | |
| 3 | 63 – 73 | 10 | Good | |
| 4 | 80 – 87 | 7 | Good | |
| 5 | 95 – 100 | 5 | Good | |
| 6 | 108 – 122 | 14 | Good | |
| 7 | 136 – 143 | 7 | Good | |

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

C C : M/S NCC Sitapur



(A.K. Singh)
Geophysicist