



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Ayodhya/166

Date : 02.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Makdoompur, Block – Mawai
Distt. – Ayodhya

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 02.02.23

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

Logger Used : ~~Upton~~



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Types of strata | R _{mf} & R _w |
|--------------|----------------------|---------------|---|---|
| 1 | 37 – 57 | 20 | Good, Intermixed kankar bands | R_{mf} = 26.4 Ωm R_w = 28 Ωm |
| 2 | 66 – 78 | 12 | Good | |
| 3 | 84 – 92 | 8 | Good | |
| 4 | 107 – 120 | 13 | Good, highly kankar intermixed | |
| 5 | 120 – 132 | 12 | Good | |
| 6 | 138 – 145 | 7 | Good, Intermixed kankar bands | |
| 7 | 158 – 163 | 5 | Good | |

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

CC : M/S Universal MEP Projects & Engg. Service Ltd, Ayodhya

*Verified as per logs provided.
Note - Sr No 02 - 66-76 (10m)
GSh
02/02/23*



(A.K. Singh)
Geophysicist