



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Sitapur/638

Date : 16.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Parewa Dhenapur, Block - Ailiya
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : 160 mbgl

Date of Logging : 16.05.23

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 | 24 – 32 | 8 | Good | $R_{mf} = 23 \Omega m$ $R_w = 25.8 \Omega m$ |
| 2 | 45 – 48 | 3 | Good | |
| 3 | 52 – 62 | 10 | Good | |
| 4 | 66 – 69 | 3 | Good | |
| 5 | 79 – 88 | 9 | Good | |
| 6 | 99 – 107 | 8 | Good | |
| 7 | 112 – 116 | 4 | Good | |
| 8 | 133 – 140 | 7 | Good | |
| 9 | 144 – 150 | 6 | Good | |
| 10 | 155 – 160 | 5 | Good | |

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

CC :
I.M/S NCC Sitapur

Verified as per
logs provided.

Note: S.No 8
133-138
(5m)

↑
G.Su
17/05/23

