



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/604

Date : 05.05.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Jattah, Block - Sidhauri
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : 165 mbgl

Date of Logging : 05.05.23

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 | 42 – 60 | 18 | Good | $R_{mf} = 27 \Omega m$ $R_w = 29.9 \Omega m$ |
| 2 | 66 – 72 | 6 | Good | |
| 3 | 95 – 104 | 9 | Good | |
| 4 | 110 – 121 | 11 | Good | |
| 5 | 124 – 136 | 12 | Good | |
| 6 | 159 – 162 | 3 | Good | |

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

CC :
1.M/S NCC Sitapur

*Verified as per logs provided
Note. Sr No 1 - 42-54 (12m)
G.S.K.
05/05/23*



(A.K. Singh)
Geophysicist