

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amarash1@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPSS3037Q1ZG

Ref: TDMA/WP/JR/344

Date: 01-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Raipur Phulwaria, Block - Nebua Naurangia,
Distt. - Kushinagar

Drilling Depth (m) : 176.00 mbgl as reported by Driller

Logged Depth (m) : 156.00 mbgl

Date of Logging : 01.08.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : NCC Ltd.,

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 | 34 - 54 | 20 | Good | $R_{mf} = 13.71 \Omega m$ |
| 2 | 60 - 76 | 16 | Good | $R_w = 15.36 \Omega m$ |
| 3 | 84 - 90 | 6 | Good | |
| 4 | 128 - 132 | 4 | Good | |
| 5 | 145 - 150 | 5 | Good | |

Remark : 1. Almost all zones are intermixed with fine bands of Kanakar.

Geophysicist

(A.K. Singh)

