



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/ Balrampur/69

Date : 12.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Orajhar , Block – Tulsipur
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~265~~ mbgl

Date of Logging : 12.01.23

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

Logger Used : ~~Uptron~~

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

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Probable Lithology | Remarks | R_{mf} & R_w |
|--------------|----------------------|---------------|---------------------|---------|---|
| 1 | 40 – 45 | 5 | Fine to medium sand | Good | $R_{mf} = 24.1 \Omega m$ $R_w = 25.6 \Omega m$ |
| 2 | 55 – 59 | 4 | Fine to medium sand | Good | |
| 3 | 74 – 81 | 7 | Fine to medium sand | Good | |
| 4 | 90 - 94 | 4 | Fine to medium sand | Good | |
| 5 | 105 -110 | 5 | Fine to medium sand | Good | |
| 6 | 125 – 131 | 6 | Fine to medium sand | Good | |
| 7 | 143 – 150 | 7 | Fine to medium sand | Good | |
| 8 | 182 – 200 | 18 | Fine to medium sand | Good | |
| 9 | 223 -247 | 24 | Fine to medium sand | Good | |

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

Verified as per logs provided.
G.Sh
13/01/23

Drishk

(*A.K. Singh*)
Geophysicist