



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/17

Date : 28.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Dev Nagar, Block – Tulsipur, District - Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~263 mbgl~~ 254 mbgl.

Date of Logging : 28.09.22

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 | 36 – 40 | 4 | Fine to medium sand | Good | R _{mf} = 22 Ωm R _w = 24 Ωm |
| 2 | 64 – 67 | 3 | Fine to medium sand | Good | |
| 3 | 77 – 85 | 8 | Fine to medium sand | Good | |
| 4 | 105 – 110 109 | 5 4 | Fine to medium sand | Good | |
| 5 | 128 – 133 | 5 | Fine to medium sand | Good | |
| 6 | 140 – 144 | 4 | Fine to medium sand | Good | |
| 7 | 154 – 158 | 4 | Fine to medium sand | Good | |
| 8 | 166 – 170 | 4 | Fine to medium sand | Good | |
| 9 | 205 – 208 | 3 | Fine to medium sand | Good | |
| 10 | 233 – 249 | 16 | Fine to medium sand | Good | |

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

C C: M/S L & T Balrampur

Verified as per logs provided.

Gish
ASSISTANT HYDROGEOLOGIST
FIELD OFFICE (EIM)
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ
29/09/22

Dr. A.K. Singh

(A.K. Singh)
Geophysicist