



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/ Balrampura/175

Date : 03.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhairwa, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~168 mbgl~~

Date of Logging : 03.04.23

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) | Types of strata | R _{mf} & R _w |
|---------|----------------------|---------------|---------------------------|---|
| 1 | 27 – 35 | 8 | Good, Fine to medium sand | R _{mf} = 27 Ωm R _w = 28.6 Ωm |
| 2 | 40 – 58 | 18 | Good, Fine to medium sand | |
| 3 | 60 – 67 | 7 | Good, Fine to medium sand | |
| 4 | 75 – 82 | 7 | Good, Fine to medium sand | |
| 5 | 89 – 100 | 11 | Good, Fine to medium sand | |
| 6 | 104 – 107 | 3 | Good, Fine to medium sand | |
| 7 | 115 – 120 | 5 | Good, Fine to medium sand | |
| 8 | 125 – 130 | 5 | Good, Fine to medium sand | |
| 9 | 150 – 157 | 7 | Good, Fine to medium sand | |

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

Verified as per logs provided.
Note. So No 7-115-119 (4m)
G.S.
05/04/23



(A.K. Singh)
Geophysicist