

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Balrampur@/106

Date : 11.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Matiyariya Karma, Block - Utraula
Distt. - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 11.02.23

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

Logger Used : ~~Upton~~

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 | 30 - 40 | 10 | Good, Fine to medium sand | R_{mf} = 32 Ωm |
| 2 | 64 - 76 | 12 | Good, Fine to medium sand | R_w = 34.1 Ωm |
| 3 | 81 - 87 | 6 | Good, Fine to medium sand | |
| 4 | 89 - 94 | 5 | Good, Fine to medium sand | |
| 5 | 119 - 136 | 17 | Good, Fine to medium sand | |
| 6 | 142 - 153 | 11 | Good, Fine to medium sand | |
| 7 | 157 - 160 | 3 | Good, Fine to medium sand | |

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


Verified as per logs provided.

GSLH
13/02/23

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Geophysicist