



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/100

Date : 07.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl 158

Date of Logging : 07.02.23

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 | 22 – 28 | 6 | Good, Fine to medium sand | R_{mf} = 23.3 Ωm |
| 2 | 34 – 39 | 5 | Good, Fine to medium sand | R_w = 25.1 Ωm |
| 3 | 44 – 52 | 8 | Good, Fine to medium sand | |
| 4 | 60 – 75 | 15 | Good, Fine to medium sand | |
| 5 | 82 – 92 | 10 | Good, Fine to medium sand | |
| 6 | 104 – 107 | 3 | Good, Fine sand | |
| 7 | 114 – 117 | 3 | Good, Fine sand | |
| 8 | 128 – 137 | 9 | Good, Fine to medium sand | |
| 9 | 141 – 148 | 7 | Good, Fine to medium sand | |

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

Verified as per logs provided.
Note - Sr No 7 - 115 - 118 (3m)
Sr No 8 - 120 - 135 (7m)

GSh
09/02/23



(G. K. Singh)
Geophysicist