



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/52

Date : 21.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Chatur Nagar, Block – Gaisandi
District - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275~~ mbgl

Date of Logging : 21.12.22

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 | 39 – 42 | 3 | Fine to medium sand | Good | $R_{mf} = 22.4 \Omega m$ $R_w = 24.1 \Omega m$ |
| 2 | 51 – 54 | 3 | Fine to medium sand | Good | |
| 3 | 59 – 62 | 3 | Fine to medium sand | Good | |
| 4 | 66 – 72 | 6 | Fine to medium sand | Good | |
| 5 | 80 – 86 | 6 | Fine to medium sand | Good | |
| 6 | 90 – 93 | 3 | Fine to medium sand | Good | |
| 7 | 117 – 123 | 6 | Fine to medium sand | Good | |
| 8 | 130 – 140 | 10 | Fine to medium sand, mixed kankar bands | Good | |
| 9 | 160 – 180 | 20 | Fine to medium sand, mixed kankar bands | Good | |
| 10 | 207 – 212 | 5 | Fine to medium sand | Good | |
| 11 | 215 – 221 | 6 | Fine to medium sand | Good | |
| 12 | 232 – 237 | 5 | Fine to medium sand | Good | |
| 13 | 252 – 267 | 15 | Fine to medium sand, mixed kankar bands | Good | |

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

Verified as per logs provided.
Note - Sr No 6-91-94 (3m)
Sr No 10-207-211 (4m)
Sr No 11-218-221 (3m)
G.Sh
21/12/22



(A.K. Singh)
Geophysicist