



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/293

Date : 26.07.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Kaloo Bankat, Block – Sridattganj
Distt. – Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : 165 mbgl

Date of Logging : 26.07.23

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) | Probable Lithology | Remarks | R _{mf} & R _w |
|---------|----------------------|---------------|---------------------|---------|---|
| 1 | 25 – 34 | 9 | Fine to medium sand | Good | R _{mf} = 24 Ωm R _w = 26.2 Ωm |
| 2 | 39 – 50 | 11 | Fine to medium sand | Good | |
| 3 | 53 – 56 | 3 | Fine to medium sand | Good | |
| 4 | 62 – 68 | 6 | Fine to medium sand | Good | |
| 5 | 90 – 102 | 12 | Fine to medium sand | Good | |
| 6 | 115 – 122 | 7 | Fine to medium sand | Good | |
| 7 | 125 – 133 | 8 | Fine to medium sand | Good | |

Remark :. Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 133 mbgl.

CC: Executive Engineer (E/M Div), U P Jal Nigam (Gramin) Gonda

Drink

(A.K. Singh)
Geophysicist