



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Shravasti/50

Date : 23.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bankatwa, Block - Hariharpur Rani
District - Shravasti

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165 mbgl~~

Date of Logging : 23.03.23

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 | 30 - 33 | 3 | Fine to medium sand | Good | $R_{mf} = 26.9 \Omega m$ |
| 2 | 40 - 45 | 5 | Fine to medium sand | Good | $R_w = 27.8 \Omega m$ |
| 3 | 67 - 75 | 8 | Fine to medium sand | Good | |
| 4 | 105 - 110 | 5 | Fine to medium sand | Good | |
| 5 | 120 - 132 | 12 | Fine to medium sand | Good | |
| 6 | 134 - 138 | 4 | Fine to medium sand | Good | |
| 7 | 145 - 151 | 6 | Fine to medium sand | Good | |

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

Verified as per logs provided.
Note: Sr No 5 - 120-127 (7m)
Sr No 6 - highly kankar intermixed.
Sr No 7 - 147-151 (4m)

G.Sh
24/03/23

