



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/Ambedkar Nagar/15

Date : 18.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Antadih, Block – Katehri
Distt. – Ambedkar Nagar

Drilled Depth : 175 mbgl

Logged Depth : ~~170~~ mbgl

Date of Logging : 18.12.22

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

Logger Used : ~~IGIS~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of strata | R _{mf} & R _w |
|--------------|----------------------|---------------|---|-------------------------------------|
| 1 | 24 – 32 | 8 | Good | R_{mf} = 26.6 Ωm |
| 2 | 45 – 51 | 6 | Good | R_w = 28 Ωm |
| 3 | 56 – 59 | 3 | Good | |
| 4 | 65 – 77 | 12 | Good, Intermixd kankar bands | |
| 5 | 80 – 87 | 7 | Good, Intermixd kankar bands | |
| 6 | 95 – 102 | 7 | Good, Intermixd kankar bands | |
| 7 | 116 – 121 | 5 | Good | |
| 8 | 136 – 142 | 6 | Good | |

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

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided
Note - Sr No 6-96-102 (6m)
G.S.S.
19/12/22*

Amish

(A.K. Singh)
Geophysicist