



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/41

Date : 02.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sarangpur & Bajdaha, Block – Katehari
Distt. – Ambedkar Nagar

Drilled Depth : 170 mbgl

Logged Depth : ~~165~~ mbgl

Date of Logging : 02.02.23

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) | Quality & Types of strata | R _{mf} & R _w |
|--------------|----------------------|---------------|-------------------------------|-------------------------------------|
| 1 | 20 – 48 | 28 | Good, Intermixed kankar bands | R_{mf} = 23.2 Ωm |
| 2 | 59 – 66 | 7 | Good | R_w = 25 Ωm |
| 3 | 72 – 78 | 6 | Good | |
| 4 | 88 – 91 | 3 | Good | |
| 5 | 104 – 118 | 14 | Good, Intermixed kankar bands | |

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones has encountered below 118 mbgl

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided.
Note - Sr No 5-105-120 (15m)
GIC
03/02/23*



(A.K. Singh)
Geophysicist