



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/666

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Tenuhari Doem, Block – Semariyawan,  
Distt. – Sant Kabir Nagar

**Drilling Depth (m)** : 156.00 mbgl as reported by Driller

**Logged Depth (m)** : 154.30 mbgl

**Date of Logging** : 05.12.2023

**Types of Log** : S.P., Resistivity (Normal) & Natural Gamma

**Logger Used** : Robertson Geologging.,

**Bore Hole Drilled by:** Jackson-Vishvaraj-JV.,

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 <sub>mf</sub> & R <sub>w</sub>
1	16 – 19	3	Good	R <sub>mf</sub> = 17.83 Ωm R <sub>w</sub> = 19.67 Ωm
2	22 – 30	8	Good	
3	36 – 44	8	Good	
4	54 – 74	20	Good	
5	80 – 91	11	Good	
6	124 – 130	6	Good, Fine sand	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 130 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist