



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/637

Date: 22-11-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth (m)** : 158.00 mbgl as reported by Driller

**Logged Depth (m)** : 154.20 mbgl

**Date of Logging** : 22.11.2023

**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	38 – 62	24	Good	R <sub>mf</sub> = 26.31 Ωm R <sub>w</sub> = 28.57 Ωm
2	66 – 72	6	Good	
3	80 – 84	4	Good	
4	88 – 94	6	Good	
5	110 – 118	8	Good	
6	134 – 150	16	Good	

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



(A.K. Singh)  
Geophysicist