

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)  
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Date: 07-01-2024

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Rakshakala, Block - Semariyawan,  
Distt. - Sant Kabir Nagar

Drilling Depth (m) : 156.00 mbl as reported by Driller

Logged Depth (m) : 154.20 mbl

Date of Logging : 07.01.2024

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	23 - 30	7	Good	R <sub>mf</sub> = 20.61 Ωm
2	36 - 44	8	Good	R <sub>w</sub> = 22.50 Ωm
3	54 - 66	12	Good	
4	76 - 82	6	Good	
5	84 - 92	8	Good	
6	126 - 130	4	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 130 mbl to till depth logged.



(A.K. Singh)  
Geophysicist