



## GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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### GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Turkailia Naik, Block – Haisar Bazar,  
Distt. – Sant Kabir Nagar

**Drilling Depth (m)** : 170.00 mbgl as reported by Driller

**Logged Depth (m)** : 165.00 mbgl

**Date of Logging** : 29.07.2023

**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	30 – 38	8	Good	R <sub>mf</sub> = 20.49 Ωm R <sub>w</sub> = 22.83 Ωm
2	42 – 50	8	Good	
3	52 – 58	6	Good	
4	100 – 106	6	Good	
5	120 – 128	8	Good	
6	130 – 139	9	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 139 mbgl to till depth logged.

  
(A. K. Singh)  
Geophysicist