



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Chauri Khurd, Block – Khesraha,  
Distt. – Siddharth Nagar

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

**Logged Depth (m)** : 165.30 mbgl

**Date of Logging** : 22.10.2023

**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	$R_{mf}$ & $R_w$
1	24 – 30	6	Good	$R_{mf} = 24.68 \Omega m$ $R_w = 27.13 \Omega m$
2	60 – 68	8	Good	
3	74 – 80	6	Good	
4	114 – 124	10	Good	
5	134 – 140	6	Good	

- Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 140 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist