



# 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 – Rautpur, Block – Khalilabad, Distt. – Sant Kabir Nagar

**Drilling Depth (m)** : 160.00 mbgl as reported by Driller

**Logged Depth (m)** : 154.40 mbgl

**Date of Logging** : 18.07.2023

**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	$R_{mf}$ & $R_w$
1	26 – 39	13	Good	$R_{mf} = 15.69 \Omega m$ $R_w = 22.87 \Omega m$
2	60 – 85	25	Good	
3	92 – 95	3	Good	
4	124 – 136	12	Good	
5	142 – 148	6	Good	

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

  
  
(**S. K. Singh**)  
Geophysicist