



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/375

Date: 09-08-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilling Depth (m)** : 167.00 mbgl as reported by Driller

**Logged Depth (m)** : 160.00 mbgl

**Date of Logging** : 09.08.2023

**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	42 – 58	16	Good	$R_{mf} = 12.23 \Omega m$ $R_w = 14.70 \Omega m$
2	70 – 74	4	Good	
3	83 – 90	7	Good	
4	122 – 136	14	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 136 mbgl to till depth logged.

  
  
(*A. K. Singh*)  
Geophysicist