



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/412

Date: 22-08-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Khamariya, Block – Semariyawan,  
Distt. – Sant Kabir Nagar

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

**Logged Depth (m)** : 154.30 mbgl

**Date of Logging** : 22.08.2023

**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	28 – 40	12	Good	$R_{mf} = 24.98 \Omega m$ $R_w = 27.70 \Omega m$
2	54 – 64	10	Good	
3	68 – 76	8	Good	
4	94 – 102	8	Good	
5	130 – 136	6	Good	

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

  
  
(**Signature**)  
Geophysicist