



# 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 – Mahadeva, Block – Nath Nagar,  
Distt. – Sant Kabir Nagar

**Drilling Depth (m)** : 165.00 mbgl as reported by Driller

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

**Date of Logging** : 11.07.2023

**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	34 – 46	12	Good	R <sub>mf</sub> = 20.32 Ωm R <sub>w</sub> = 23.14 Ωm
2	54 – 62	8	Good	
3	84 – 87	3	Good	
4	108 – 116	8	Good	
5	122 – 130	8	Good	
6	140 – 146	6	Good	

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

  
  
(A.K. Singh)  
Geophysicist