



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/68

Date : 01.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Samsuddinpur, Khemapur & Vishwajeeitpur,  
Block – Katehri, Distt. – Ambedkar Nagar

**Drilled Depth** : 168 mbgl

**Logged Depth** : 166 mbgl

**Date of Logging** : 01.10.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : Uptron.



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	35 – 45	10	Good, Medium	R <sub>mf</sub> = 22.8 Ωm R <sub>w</sub> = 24 Ωm
2	61 – 74	13	Good, medium sand	
3	88 – 93	5	Good, medium sand	
4	107 – 122	15	Good, medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 122 mbgl to till depth logged.

CC :

M/S Vindhya Telelinks Ltd

  
  
(A.K. Singh)  
Geophysicist