



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/69

Date : 01.10.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Fattepur Balabagh & Jalalpur Chandpur,  
Block – Katehri, Distt. – Ambedkar Nagar

**Drilled Depth** : 167 mbgl

**Logged Depth** : 165 mbgl

**Date of Logging** : 14.10.23

**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	20 – 35	15	Good, fine sand	
2	58 - 75	17	Good, medium sand	R <sub>mf</sub> = 23.9 Ωm R <sub>w</sub> = 25 Ωm
3	83 – 97	14	Good, medium sand	
4	107 – 121	14	Good, medium sand	

**Remark** : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 121 mbgl to till depth logged.

CC :

M/S Vindhya Telelinks Ltd

  
  
(A.K. Singh)  
Geophysicist