



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/27

Date : 08.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Basantpur, Block – Katehri  
Distt. – Ambedkar Nagar

**Drilled Depth** : 170 mbgl

**Logged Depth** : ~~165~~ mbgl

**Date of Logging** : 08.01.23

**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>
<del>1</del>	20 – 25	5	Good	R <sub>mf</sub> = 27.1 Ωm R <sub>w</sub> = 29 Ωm
<del>2</del>	36 – 43	7	Good	
<del>3</del>	55 – 75	20	Good, Intermixed fine bands of kankar	
<del>4</del>	93 – 96	3	Good	
<del>5</del>	112 – 116	4	Good	



**Remark** : ~~Almost all zones are intermixed with fine bands of kankar~~ Below 116 mbgl, finer sediments exist.

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided.  
Note - Sr No 3 is highly intermixed with thin bands of kankar*

*G.Sh  
09/01/23*

  
  
**(A.K. Singh)**  
Geophysicist