



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/18

Date : 26.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilled Depth** : 175 mbgl

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 26.12.22

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

**Logger Used** : ~~IGIS~~

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	$R_{mf}$ & $R_w$
<del>1</del>	27 – 32	5	Good	<del><math>R_{mf} = 21.4 \Omega m</math></del>
<del>2</del>	37 – 43	6	Good	<del><math>R_w = 22.1 \Omega m</math></del>
3	80 – 90	10	Good, Intermixd kankar bands, <u>fine to very fine sediments</u>	
4	95 – 98	3	Good, Intermixd kankar bands, <u>fine to very fine sediments</u>	
5	105 – 108	3	Good, Intermixd kankar bands, <u>fine to very fine sediments</u>	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 108 mbgl to till depth logged..~~

CC :

M/S Vindhya Telelinks Ltd

*Verified as per logs provided.*  
G.Sh  
28/12/22

  
  
(A.K. Singh)  
Geophysicist