



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Ambedkar Nagar/11

Date : 03.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

**Drilled Depth** : 170 mbgl

**Logged Depth** : ~~165 mbgl~~ 158 mbgl

**Date of Logging** : 03.12.22

**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 strara	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	20 – 33	13	Good	R <sub>mf</sub> = 26.6 Ωm R <sub>w</sub> = 28 Ωm
<del>2</del>	45 – 48	3	Good	
<del>3</del>	56 – 60	4	Good	
<del>4</del>	64 – 75	11	Good, Intermixd kankar bands	
5	83 – 86	3	Good, Finer sediments	
6	90 – 93	3	Good, Finer sediments	
<del>7</del>	107 – 123	16	Good, Intermixd kankar bands	
<del>8</del>	130 – 133	3	Good	
9	140 – 155	15	Good, Intermixd kankar bands	

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

CC : M/S Vindhya Telelinks Ltd

Verified as per logs provided  
Note - Sr No 9-147-155 (8m)  
GIC  
03/12/22

  
  
(A.K. Singh)  
Geophysicist