



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/1080

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## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill.- Balendapur, Block - Machharehta  
Distt. – Sitapur  
**Latitude** – 27.411501<sup>0</sup>, **Longitude** – 81.65930<sup>0</sup>

**Drilling Depth** : 167 mbgl – as reported by driller

**Logged Depth** : 165 mbgl

**Date of Logging** : 10.01.23

**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 strara	R <sub>mf</sub> & R <sub>w</sub>
1	35 – 40	5	Good	R <sub>mf</sub> = 22 Ωm R <sub>w</sub> = 24 Ωm
2	52 – 63	11	Good	
3	81 – 87	6	Good	
4	93 – 111	18	Good	
5	121 – 125	4	Good	
6	133 – 141	8	Good	
7	147 – 154	7	Good	

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

C C : M/S NCC Ltd Sitapur

  
  
(A.K. Singh)  
Geophysicist