



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/683

Date : 30.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Heerpur & Puranpur, Block - Kasmanda  
Distt. – Sitapur

**Drilling Depth** : 168 mbgl – as reported by driller

**Logged Depth** : 165 mbgl

**Date of Logging** : 30.05.23

**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 strata	$R_{mf}$ & $R_w$
1	37 – 44	7	Good	$R_{mf} = 22.7 \Omega m$ $R_w = 24 \Omega m$
2	52 – 58	6	Good	
3	84 – 90	6	Good	
4	96 – 101	5	Good	
5	105 – 118	13	Good	
6	135 – 146	11	Good	

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

CC :  
I.M/S NCC Sitapur

Verified as per  
logs provided.  
GIC  
31/05/23

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