



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/496

Date : 14.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Kunehta Lachhipur Rampur, Block - Machharehta  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : ~~157 mbgl~~

**Date of Logging** : 14.03.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>37 – 45</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 25.3 \Omega m</math></del>
<del>2</del>	<del>56 – 65</del>	<del>9</del>	<del>Good</del>	<del><math>R_w = 27.1 \Omega m</math></del>
<del>3</del>	<del>87 – 100</del>	<del>13</del>	<del>Good</del>	
<del>4</del>	<del>106 – 120</del>	<del>14</del>	<del>Good</del>	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 120 mbgl to till depth logged.~~

CC :

I.M/S NCC Sitapur

Verified as per  
logs provided.

G.Ch  
15/03/23

  
  
(A.K. Singh)  
Geophysicist