



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/405

Date : 23.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Peyariya Kondar, Block - Machharehta  
Distt. – Sitapur

**Drilling Depth** : 170 mbgl – as reported by driller

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

**Date of Logging** : 23.01.23

**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>20 – 28</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 27.1 \Omega m</math> <math>R_w = 28.4 \Omega m</math></del>
<del>2</del>	<del>41 – 45</del>	<del>4</del>	<del>Good</del>	
<del>3</del>	<del>52 – 62</del>	<del>10</del>	<del>Good</del>	
<del>4</del>	<del>84 – 96</del>	<del>12</del>	<del>Good</del>	
<del>5</del>	<del>105 – 110</del>	<del>5</del>	<del>Good</del>	
<del>6</del>	<del>124 – 128</del>	<del>4</del>	<del>Good</del>	
<del>7</del>	<del>148 – 157</del>	<del>9</del>	<del>Good, highly kankar mixed</del>	

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

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.*  
G.S.  
24/01/23

*Amish*  
  
(A.K. Singh)  
Geophysicist