



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/570

Date : 16.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Mahariya, Block - Pahla  
Distt. – Sitapur

**Drilling Depth** : 172 mbgl – as reported by driller

**Logged Depth** : ~~170 mbgl~~

**Date of Logging** : 16.04.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>22 – 30</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 26 \Omega m</math> <math>R_w = 28.4 \Omega m</math></del>
<del>2</del>	<del>35 – 38</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>45 – 50</del>	<del>5</del>	<del>Good</del>	
<del>4</del>	<del>54 – 60</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>72 – 76</del>	<del>4</del>	<del>Good</del>	
<del>6</del>	<del>90 – 95</del>	<del>5</del>	<del>Good</del>	
<del>7</del>	<del>100 – 120</del>	<del>20</del>	<del>Good</del>	
<del>8</del>	<del>125 – 131</del>	<del>6</del>	<del>Good</del>	
<del>9</del>	<del>135 – 140</del>	<del>5</del>	<del>Good</del>	
<del>10</del>	<del>150 – 157</del>	<del>7</del>	<del>Good</del>	

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

CC :

1.M/S NCC Sitapur

*Verified as per  
logs provided  
G.Sh  
17/04/23*

*Drish*  
  
(A.K. Singh)  
Geophysicist