



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/305

Date : 11.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Godhaura, Block - Mahmudabad  
Distt. – Sitapur

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

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

**Date of Logging** : 11.12.22

**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>39 – 44</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 28.4 \Omega m</math> <math>R_w = 30.4 \Omega m</math></del>
<del>2</del>	<del>50 – 66</del>	<del>16</del>	<del>Good, intermixed with kankar bands</del>	
<del>3</del>	<del>85 – 95</del>	<del>10</del>	<del>Good, intermixed with kankar bands</del>	
<del>4</del>	<del>107 – 114</del>	<del>7</del>	<del>Good, intermixed with kankar bands</del>	
<del>5</del>	<del>117 – 120</del>	<del>3</del>	<del>Good</del>	
<del>6</del>	<del>124 – 129</del>	<del>5</del>	<del>Good, intermixed with kankar bands</del>	
<del>7</del>	<del>131 – 137</del>	<del>6</del>	<del>Good, intermixed with kankar bands</del>	

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. No good granular zones has encountered below 137mbgl.~~

C C :

1. M/S NCC Sitapur

*Verified as per logs provided.*  
G.Sh  
12/12/22

*Arind*  
  
(A.K. Singh)  
Geophysicist