



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/687

Date : 31.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Rahmatpur Grant, Block - Maholi  
Distt. – Sitapur

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

**Logged Depth** : ~~160 mbgl~~

**Date of Logging** : 31.05.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>52 – 56</del>	<del>4</del>	<del>Good</del>	<del><math>R_{mf} = 29 \Omega m</math> <math>R_w = 30.9 \Omega m</math></del>
<del>2</del>	<del>64 – 68</del>	<del>4</del>	<del>Good</del>	
<del>3</del>	<del>93 – 101</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>109 – 122</del>	<del>13</del>	<del>Good</del>	
<del>5</del>	<del>142 – 147</del>	<del>5</del>	<del>Good</del>	
<del>6</del>	<del>155 – 158</del>	<del>3</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  
01/06/23

  
  
(A.K. Singh)  
Geophysicist