



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/593

Date : 25.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Chitarehta, Block - Machharehta  
Distt. – Sitapur

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

**Logged Depth** : ~~130 mbgl~~

**Date of Logging** : 25.04.23

**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>27 – 32</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 26 \Omega m</math> <math>R_w = 27.1 \Omega m</math></del>
<del>2</del>	<del>41 – 47</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>51 – 54</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>61 – 67</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>70 – 77</del>	<del>7</del>	<del>Good</del>	
<del>6</del>	<del>91 – 97</del>	<del>6</del>	<del>Good</del>	
<del>7</del>	<del>103 – 107</del>	<del>4</del>	<del>Good</del>	
<del>8</del>	<del>112 – 120</del>	<del>8</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. S. Gh  
26/04/23*

*Arish*  
  
(A.K. Singh)  
Geophysicist