



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/322

Date : 17.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Isarwara, Block - Pahla  
Distt. – Sitapur

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

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

**Date of Logging** : 17.12.22

**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>25 – 30</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 26.2 \Omega m</math> <math>R_w = 27.9 \Omega m</math></del>
<del>2</del>	<del>42 – 66</del>	<del>24</del>	<del>Good, intermixed with kankar bands</del>	
<del>3</del>	<del>79 – 82</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>90 – 96</del>	<del>6</del>	<del>Good, intermixed with kankar bands</del>	
<del>5</del>	<del>99 – 102</del>	<del>3</del>	<del>Good, intermixed with kankar bands</del>	
<del>6</del>	<del>106 – 109</del>	<del>3</del>	<del>Good, intermixed with kankar bands</del>	
<del>7</del>	<del>112 – 122</del>	<del>10</del>	<del>Good, intermixed with kankar bands</del>	
<del>8</del>	<del>129 – 134</del>	<del>5</del>	<del>Good, intermixed with kankar bands</del>	
<del>9</del>	<del>149 – 153</del>	<del>4</del>	<del>Good, intermixed with kankar bands</del>	
<del>10</del>	<del>156 – 159</del>	<del>3</del>	<del>Good, intermixed with kankar bands</del>	

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

CC :  
M/S NCC Sitapur

*Verified as per logs provided.*

*G.S.*  
*19/12/22*

*A.K.*  
  
(A.K. Singh)  
Geophysicist