



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/318

Date : 16.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

**Logged Depth** : ~~155~~ mbgl

**Date of Logging** : 16.12.22

**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>22 – 28</del>	<del>6</del>	<del>Good</del>	<del><math>R_{mf} = 22.2 \Omega m</math> <math>R_w = 24 \Omega m</math></del>
<del>2</del>	<del>38 – 41</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>46 – 49</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>62 – 66</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>85 – 94</del>	<del>9</del>	<del>Good, intermixed with kankar bands</del>	
<del>6</del>	<del>100 – 108</del>	<del>8</del>	<del>Good, intermixed with kankar bands</del>	
<del>7</del>	<del>110 – 117</del>	<del>7</del>	<del>Good, intermixed with kankar bands</del>	
<del>8</del>	<del>128 – 131</del>	<del>3</del>	<del>Good</del>	
<del>9</del>	<del>137 – 147</del>	<del>10</del>	<del>Good, intermixed with kankar bands</del>	

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

C C :  
M/S NCC Sitapur

*Verified as per logs provided.*  
↓  
*G.Sh*  
*16/12/22*

  
  
(A.K. Singh)  
Geophysicist