



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/360

Date : 04.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Gonda, Block - Machharehta  
Distt. – Sitapur

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

**Logged Depth** : ~~150 mbgl~~ 140 MBGL

**Date of Logging** : 04.01.23

**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	$R_{mf}$ & $R_w$
1	22 – 25	3	Good	<del><math>R_{mf} = 23.4 \Omega m</math> <math>R_w = 24.9 \Omega m</math></del>
<del>2</del>	<del>53 – 61</del>	<del>8</del>	<del>Good</del>	
<del>3</del>	<del>74 – 77</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>81 – 85</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>103 – 109</del>	<del>6</del>	<del>Good</del>	
<del>6</del>	<del>113 – 121</del>	<del>8</del>	<del>Good, Intermixed kankar bands</del>	
<del>7</del>	<del>124 – 135</del>	<del>11</del>	<del>Good, Intermixed kankar bands</del>	

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

CC :  
I.M/S NCC Sitapur

*Verified as per logs provided.*  
|  
*G.S.*  
*05/01/23*

  
  
(G.S. Singh)  
Geophysicist