



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/373

Date : 11.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Kanva Khera, Block - Khairabad  
Distt. – Sitapur

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

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

**Date of Logging** : 11.01.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>23 – 32</del>	<del>9</del>	<del>Good</del>	<del><math>R_{mf} = 25.3 \Omega m</math> <math>R_w = 27 \Omega m</math></del>
<del>2</del>	<del>40 – 46</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>50 – 54</del>	<del>4</del>	<del>Good</del>	
<del>4</del>	<del>61 – 67</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>73 – 81</del>	<del>8</del>	<del>Good</del>	
<del>6</del>	<del>85 – 93</del>	<del>8</del>	<del>Good</del>	
<del>7</del>	<del>109 – 112</del>	<del>3</del>	<del>Good</del>	
<del>8</del>	<del>116 – 127</del>	<del>11</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>9</del>	<del>137 – 144</del>	<del>7</del>	<del>Good, Intermixed fine bands of kankar</del>	

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

CC :  
I.M/S NCC Sitapur

*Verified as per logs provided.  
Note - Sr No 2-42-46 (4m)  
- One more zone may add as 152-156 (4m)  
G.S.  
12/01/23*

  
  
(G.S. Singh)  
Geophysicist