



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/483

Date : 28.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Kalyanpur, Block - Bisawan  
Distt. – Sitapur

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

**Logged Depth** : ~~140 mbgl~~

**Date of Logging** : 28.02.23

**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	27 – 33	6	Good	<del><math>R_{mf} = 24.1 \Omega m</math> <math>R_w = 25.8 \Omega m</math></del>
<del>2</del>	<del>40 – 45</del>	<del>5</del>	<del>Good</del>	
<del>3</del>	<del>50 – 65</del>	<del>15</del>	<del>Good, intermixed kankar bands</del>	
<del>4</del>	<del>75 – 82</del>	<del>7</del>	<del>Good, intermixed kankar bands</del>	
<del>5</del>	<del>84 – 90</del>	<del>6</del>	<del>Good, intermixed kankar bands</del>	
<del>6</del>	<del>95 – 108</del>	<del>13</del>	<del>Good //</del>	
<del>7</del>	<del>112 – 117</del>	<del>5</del>	<del>Good, intermixed kankar bands</del>	
<del>8</del>	<del>122 – 127</del>	<del>5</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.*

*GSh  
09/03/23*

*Anish*  
  
(A.K. Singh)  
Geophysicist