



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/401

Date : 22.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Korauli , Block - Pahla  
Distt. – Sitapur

**Drilling Depth** : 175 mbgl – as reported by driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 22.01.23

**Types of Log** : ~~S.P.~~ & Resistivity (Normal & Lateral)

**Logger Used** : ~~Upton~~

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>26 – 32</del>	<del>6</del>	<del>Good</del>	<del><math>R_{mf} = 24.9 \Omega m</math> <math>R_w = 26.1 \Omega m</math></del>
<del>2</del>	<del>42 – 47</del>	<del>5</del>	<del>Good</del>	
<del>3</del>	<del>56 – 60</del>	<del>4</del>	<del>Good</del>	
<del>4</del>	<del>62 – 70</del>	<del>8</del>	<del>Good</del>	
<del>5</del>	<del>81 – 95</del>	<del>14</del>	<del>Good, Kankar intermixed</del>	
<del>6</del>	<del>100 – 105</del>	<del>5</del>	<del>Good</del>	
<del>7</del>	<del>111 – 116</del>	<del>5</del>	<del>Good</del>	
<del>8</del>	<del>120 – 143</del>	<del>23</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>9</del>	<del>145 – 150</del>	<del>5</del>	<del>Good, Intermixed fine bands of kankar</del>	
<del>10</del>	<del>155 – 165</del>	<del>10</del>	<del>Good, Intermixed fine bands of kankar</del>	

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

C C :

1.M/S NCC Sitapur

*Verified as per logs provided.  
Note - Sr No 2-42-46 (4m)  
G.Sh  
23/07/23*

  
  
(A.K. Singh)  
Geophysicist