



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/622

Date : 12.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

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

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

**Date of Logging** : 12.05.23

**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>37 – 42</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 19.1 \Omega m</math> <math>R_w = 19.9 \Omega m</math></del>
<del>2</del>	<del>58 – 64</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>75 – 85</del>	<del>10</del>	<del>Good</del>	
<del>4</del>	<del>90 – 93</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>115 – 131</del>	<del>16</del>	<del>Good</del>	
⑥	140 – 143	3	Good ] Have finer sediments	
⑦	147 – 150	3	Good	
<del>8</del>	<del>155 – 158</del>	<del>3</del>	<del>Good</del>	

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

CC :  
I.M/S NCC Sitapur

Verified as per  
logs provided

G.Sh  
13/05/23

  
  
(A.K. Singh)  
Geophysicist