



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/640

Date : 17.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Bambora, Block - Kasmanda  
Distt. – Sitapur

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

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

**Date of Logging** : 17.05.23

**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>29 – 37</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 21 \Omega m</math> <math>R_w = 24.3 \Omega m</math></del>
<del>2</del>	<del>45 – 53</del>	<del>8</del>	<del>Good</del>	
<del>3</del>	<del>59 – 63</del>	<del>3</del>	<del>Good</del>	
<del>4</del>	<del>87 – 94</del>	<del>7</del>	<del>Good</del>	
<del>5</del>	<del>102 – 110</del>	<del>8</del>	<del>Good</del>	
<del>6</del>	<del>132 – 138</del>	<del>6</del>	<del>Good – kankar I</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  
18/05/23

  
  
(A.K. Singh)  
Geophysicist