



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/503

Date : 18.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Kakrahi, Block - Hargaon  
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~150 mbgl~~

Date of Logging : 18.03.23

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>20 – 32</del>	<del>12</del>	<del>Good</del>	<del><math>R_{mf} = 21.1 \Omega m</math> <math>R_w = 22.2 \Omega m</math></del>
<del>2</del>	<del>52 – 57</del>	<del>5</del>	<del>Good</del>	
<del>3</del>	<del>65 – 75</del>	<del>10</del>	<del>Good</del>	
<del>4</del>	<del>80 – 83</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>93 – 105</del>	<del>12</del>	<del>Good</del>	
<del>6</del>	<del>116 – 119</del>	<del>3</del>	<del>Good</del>	
<del>7</del>	<del>127 – 130</del>	<del>3</del>	<del>Good</del>	
<del>8</del>	<del>132 – 137</del>	<del>5</del>	<del>Good</del>	
<del>9</del>	<del>143 – 147</del>	<del>4</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.  
Note - Sr No 3-65-72 (7m)  
Sr No 5-93-103 (10m)

G.S.S.  
20/03/23



(A.K. Singh)  
Geophysicist