



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/389

Date : 18.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Rajagaow, Block - Machharehta  
Distt. – Sitapur

Drilling Depth : 170 mbgl – as reported by driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 18.01.23

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

Logger Used : ~~JGIS~~

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>	20 – 28	8	Good	<del><math>R_{mf} = 25.4 \Omega m</math> <math>R_w = 27 \Omega m</math></del>
<del>2</del>	40 – 47	7	Good	
<del>3</del>	50 – 53	3	Good	
<del>4</del>	64 – 67	3	Good	
<del>5</del>	81 – 96	15	Good, Intermixed fine bands of kankar	
<del>6</del>	103 – 111	8	Good, Intermixed fine bands of kankar	
<del>7</del>	116 – 122	6	Good	
<del>8</del>	142 – 148	6	Good	
<del>9</del>	155 – 158	3	Good, Fine sand	

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

CC :

1.M/S NCC Sitapur

*Verified as per logs provided.  
Note - Sr No 5 - 81-91 (10m)  
G.Sh  
19/01/23*

  
  
(A.K. Singh)  
Geophysicist