



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/641

Date : 17.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~147 mbgl~~ 141 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>47 – 52</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 18.6 \Omega m</math> <math>R_w = 21.3 \Omega m</math></del>
<del>2</del>	<del>55 – 60</del>	<del>5</del>	<del>Good</del>	
<del>3</del>	<del>73 – 77</del>	<del>4</del>	<del>Good</del>	
<del>4</del>	<del>82 – 86</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>108 – 115</del>	<del>7</del>	<del>Good</del>	
<del>6</del>	<del>119 – 129</del>	<del>10</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  
10/05/23

  
  
(A.K. Singh)  
Geophysicist