



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/418

Date : 30.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Saraiyan Mafi, Block - Bisawan  
Distt. – Sitapur

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

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 30.01.23

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

**Logger Used** : ~~Uptron~~

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>32 – 37</del>	<del>5</del>	<del>Good</del>	<del><math>R_{mf} = 29.8 \Omega m</math> <math>R_w = 31.2 \Omega m</math></del>
<del>2</del>	<del>46 – 76</del>	<del>30</del>	<del>Good, Kankar intermixed</del>	
<del>3</del>	<del>82 – 89</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>100 – 112</del>	<del>12</del>	<del>Good, intermixed fine bands of kankar</del>	
<del>5</del>	<del>133 – 147</del>	<del>14</del>	<del>Good, intermixed fine bands of kankar</del>	

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

C C :

L.M/S NCC Sitapur

*Verified as per logs provided.*  
G.S.  
31/01/23

  
  
(A.K. Singh)  
Geophysicist