



# 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/313

Date : 12.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bhat Purwa & Baksoshiya, Block - Hargaon  
Distt. – Sitapur

**Drilling Depth** : 175 mbgl – as reported by driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 12.12.22

**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>26 – 36</del>	<del>10</del>	<del>Good</del>	<del><math>R_{mf} = 28.1 \Omega m</math> <math>R_w = 30.2 \Omega m</math></del>
<del>2</del>	<del>45 – 51</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>60 – 68</del>	<del>8</del>	<del>Good, intermixed with kankar bands</del>	
<del>4</del>	<del>72 – 77</del>	<del>5</del>	<del>Good, intermixed with kankar bands</del>	
<del>5</del>	<del>84 – 87</del>	<del>3</del>	<del>Good, intermixed with kankar bands</del>	
<del>6</del>	<del>91 – 94</del>	<del>3</del>	<del>Good</del>	
<del>7</del>	<del>102 – 107</del>	<del>5</del>	<del>Good</del>	
<del>8</del>	<del>110 – 114</del>	<del>4</del>	<del>Good</del>	
<del>9</del>	<del>132 – 136</del>	<del>4</del>	<del>Good, intermixed with kankar bands</del>	
<del>10</del>	<del>142 – 147</del>	<del>5</del>	<del>Good, intermixed with kankar bands</del>	

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

CC :  
M/S NCC Sitapur

*Verified as per logs provided*  
↓  
*G.S.*  
*12/12/22*

  
  
**(A.K. Singh)**  
Geophysicist