



# 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/239

Date : 02.11.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bhangawan , Block - Mahmudabad  
Distt. – Sitapur

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

**Logged Depth** : ~~155~~ mbgl

**Date of Logging** : 02.11.22

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

**Logger Used** : IGIS

**Presence** : Representative of M/S NCC Sitapur

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>37 – 48</del>	<del>11</del>	<del>Good</del>	R <sub>mf</sub> = 33.2 Ωm R <sub>w</sub> = 34.1 Ωm
<del>2</del>	<del>55 – 63</del>	<del>8</del>	<del>Good</del>	
<del>3</del>	<del>70 – 75</del>	<del>5</del>	<del>Good</del>	
<del>4</del>	<del>101 – 110</del>	<del>9</del>	<del>Good, Intermixed kankar bands</del>	
<del>5</del>	<del>116 – 122</del>	<del>6</del>	<del>Good, Intermixed kankar bands</del>	
<del>6</del>	<del>125 – 138</del>	<del>13</del>	<del>Good, highly kankar intermixed</del>	
<del>7</del>	<del>142 – 147</del>	<del>5</del>	<del>Good</del>	

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

C C :

1. M/S NCC Sitapur

*Verified as per logs provided.*

*G. Singh*  
ASSISTANT GEOLOGIST  
GIC/JJM/239 (E/M)  
UP, JALNIGAM (RURAL)  
FISHERGARAJ

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