



# 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/453

Date : 12.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Amiliya, Block - Maholi  
Distt. – Sitapur

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

**Logged Depth** : ~~165~~ mbgl

**Date of Logging** : 12.02.23

**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>	25 – 37	12	Good	<del><math>R_{mf} = 25.9 \Omega m</math> <math>R_w = 26.2 \Omega m</math></del>
<del>2</del>	41 – 58	17	Good, intermixed kankar bands	
<del>3</del>	62 – 67	5	Good	
<del>4</del>	80 – 84	4	Good	
<del>5</del>	94 – 106	12	Good, intermixed kankar bands	
<del>6</del>	114 – 125	11	Good, intermixed kankar bands	
<del>7</del>	130 – 138	8	Good	
<del>8</del>	157 – 162	5	Good	

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

C C :

1.M/S NCC Sitapur

*Verified as per logs provided.*  
*Note - Sr No - 1 - 25 - 32 (5m)*  
*6 - 117 - 120 (3m)*  
*G.S.H.*  
*13/02/23*

  
  
(A.K. Singh)  
Geophysicist