



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/723

Date : 12.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Amarti, Block - Sakran  
Distt. – Sitapur

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

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

**Date of Logging** : 12.06.23

**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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>34 – 47</del>	<del>13</del>	<del>Good</del>	<del>R<sub>mf</sub> = 26 Ωm R<sub>w</sub> = 29.4 Ωm</del>
<del>2</del>	<del>56 – 62</del>	<del>6</del>	<del>Good</del>	
<del>3</del>	<del>72 – 77</del>	<del>5</del>	<del>Good</del>	
<del>4</del>	<del>86 – 92</del>	<del>6</del>	<del>Good</del>	
<del>5</del>	<del>102 – 110</del>	<del>8</del>	<del>Good</del>	
<del>6</del>	<del>114 – 123</del>	<del>9</del>	<del>Good</del>	
<del>7</del>	<del>141 – 156</del>	<del>15</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  
Note. Sr No 2 - 57-61 (4m)  
Sr No 3 - 73-77 (4m)*

*G.Sh  
12/06/23*

  
  
(A.K. Singh)  
Geophysicist