



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/678

Date : 28.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Sandhana, Block - Kasmanda  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : ~~160 mbgl~~ 165 mbgl

**Date of Logging** : 28.05.23

**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>28 – 33</del>	<del>5</del>	<del>Good</del>	<del>R<sub>mf</sub> = 22.8 Ωm R<sub>w</sub> = 25.3 Ωm</del>
<del>2</del>	<del>54 – 67</del>	<del>13</del>	<del>Good</del>	
<del>3</del>	<del>76 – 82</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>89 – 100</del>	<del>11</del>	<del>Good</del>	
<del>5</del>	<del>108 – 121</del>	<del>13</del>	<del>Good</del>	
<del>6</del>	<del>130 – 135</del>	<del>5</del>	<del>Good</del>	
<del>7</del>	<del>143 – 147</del>	<del>4</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  
GIC  
29/05/23*

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(A.K. Singh)  
Geophysicist