



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/529

Date : 29.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Bijua Mau, Block - Machharehta  
Distt. – Sitapur

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

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

**Date of Logging** : 29.03.23

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

**Logger Used** : ~~Upton~~

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>25 – 35</del>	<del>10</del>	<del>Good</del>	<del>R<sub>mf</sub> = 22.4 Ωm</del>
<del>2</del>	<del>42 – 50</del>	<del>8</del>	<del>Good</del>	<del>R<sub>w</sub> = 23.9 Ωm</del>
<del>3</del>	<del>56 – 63</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>75 – 87</del>	<del>12</del>	<del>Good</del>	
<del>5</del>	<del>97 – 108</del>	<del>11</del>	<del>Good – Kankar Intermixed</del>	
<del>6</del>	<del>110 – 118</del>	<del>8</del>	<del>Good</del>	
7	142 – 148	6	Good, <u>fine sand</u>	

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

C C :  
I.M/S NCC Sitapur

*Verified as per logs provided.*  
|  
*G.S.S.*  
*31/03/23*

*Drish*  
  
(A.K. Singh)  
Geophysicist