



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/187

Date : 05.09.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Manikapur, Block - Bisawan  
Distt. – Sitapur

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

**Logged Depth** : 160 mbgl

**Date of Logging** : 05.09.22

**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>
1	25 – 30	5	Good, Finer sediments	R <sub>mf</sub> = 27.5 Ωm R <sub>w</sub> = 29.2 Ωm
<del>2</del>	<del>35 – 50</del>	15	Good	
<del>3</del>	<del>54 – 62</del>	8	Good	
<del>4</del>	<del>68 – 72</del>	4	Good	
<del>5</del>	<del>76 – 81</del>	5	Good	
<del>6</del>	<del>90 – 98</del>	8	Good, Intermixed with fine bands of kankar	
<del>7</del>	<del>105 – 112</del>	7	Good	
<del>8</del>	<del>115 – 120</del>	5	Good	
<del>9</del>	<del>125 – 132</del>	7	Good, Intermixed with fine bands of kankar	
10	137 – 151	14	Good, Finer sediments,	

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

**CC :**

1. M/S NCC Sitapur

*Verified as per logs provided.*  
*Note. Sr No 2 may consider as 35-40 and Sr No 10 is highly intermixed with finer sediments and kankar.*

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