



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/635

Date : 14.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Ramrudra, Block - Behta  
Distt. – Sitapur

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

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

**Date of Logging** : 14.05.23

**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	$R_{mf}$ & $R_w$
<del>1</del>	<del>24 – 28</del>	<del>4</del>	<del>Good</del>	<del><math>R_{mf} = 29 \Omega m</math> <math>R_w = 31.4 \Omega m</math></del>
<del>2</del>	<del>40 – 56</del>	<del>16</del>	<del>Good</del>	
<del>3</del>	<del>64 – 75</del>	<del>11</del>	<del>Good</del>	
<del>4</del>	<del>81 – 84</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>98 – 110</del>	<del>12</del>	<del>Good</del>	
<del>6</del>	<del>122 – 130</del>	<del>8</del>	<del>Good</del>	
<del>7</del>	<del>135 – 140</del>	<del>5</del>	<del>Good</del>	
<del>8</del>	<del>155 – 161</del>	<del>6</del>	<del>Good – Finer Sediments</del>	

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

CC :  
I.M/S NCC Sitapur

Verified as per  
logs provided.

Note: SrNo 2-40-45 (5m)  
          and 50-56 (6m)

SrNo 3- 64-72 (8m)

SrNo 5- 98-108 (10m)

l.g.s.h  
15105123



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