



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/419

Date : 01.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Jalalpur, Block - Bisawan  
Distt. – Sitapur

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

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

**Date of Logging** : 01.02.23

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

**Logger Used** : ~~Uptron~~

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>20 – 32</del>	<del>12</del>	<del>Good</del>	<del><math>R_{mf} = 29.8 \Omega m</math> <math>R_w = 31.2 \Omega m</math></del>
<del>2</del>	<del>37 – 45</del>	<del>8</del>	<del>Good</del>	
<del>3</del>	<del>57 – 69</del>	<del>12</del>	<del>Good</del>	
<del>4</del>	<del>76 – 86</del>	<del>10</del>	<del>Good, intermixed kankar bands</del>	
<del>5</del>	<del>99 – 107</del>	<del>8</del>	<del>Good, intermixed kankar bands</del>	
<del>6</del>	<del>114 – 125</del>	<del>11</del>	<del>Good</del>	
<del>7</del>	<del>125 – 142</del>	<del>17</del>	<del>Good, highly kankar mixed</del>	
<del>8</del>	<del>155 – 160</del>	<del>5</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 4 is also highly kankar intermixed.*

*G.Sh  
02/02/23*

  
  
(A.K. Singh)  
Geophysicist