



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/332

Date : 24.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Gursanda, Block - Pisawan  
Distt. – Sitapur

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

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

**Date of Logging** : 24.12.22

**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>20 – 27</del>	<del>7</del>	<del>Good</del>	<del><math>R_{mf} = 30.2 \Omega m</math></del>
<del>2</del>	<del>53 – 63</del>	<del>10</del>	<del>Good</del>	<del><math>R_w = 32 \Omega m</math></del>
<del>3</del>	<del>69 – 77</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>116 – 126</del>	<del>10</del>	<del>Good, intermixed with kankar bands</del>	
<del>5</del>	<del>130 – 136</del>	<del>6</del>	<del>Good, intermixed with kankar bands</del>	
<del>6</del>	<del>145 – 156</del>	<del>11</del>	<del>Good, intermixed with kankar bands</del>	

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

CC :

M/S NCC Sitapur

*Verified as per logs provided.  
Note - S<sub>1</sub> No 4 to 6 are finer in nature, intermixed with kankar.*  
GSh  
26/12/22

  
  
(A.K. Singh)  
Geophysicist