



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/433

Date : 05.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Dobha, Block - Kasmanda  
Distt. – Sitapur

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

**Logged Depth** : ~~150~~ mbgl

**Date of Logging** : 05.02.23

**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 strara	$R_{mf}$ & $R_w$
<del>1</del>	<del>25 – 33</del>	<del>8</del>	<del>Good</del>	<del><math>R_{mf} = 26.6 \Omega m</math></del>
<del>2</del>	<del>40 – 43</del>	<del>3</del>	<del>Good</del>	<del><math>R_w = 28.1 \Omega m</math></del>
<del>3</del>	<del>45 – 50</del>	<del>5</del>	<del>Good</del>	
<del>4</del>	<del>52 – 68</del>	<del>16</del>	<del>Good, Intermixed kankar bands</del>	
<del>5</del>	<del>80 – 87</del>	<del>7</del>	<del>Good</del>	
<del>6</del>	<del>90 – 96</del>	<del>6</del>	<del>Good</del>	
<del>7</del>	<del>100 – 108</del>	<del>8</del>	<del>Good</del>	
<del>8</del>	<del>110 – 116</del>	<del>6</del>	<del>Good</del>	
<del>9</del>	<del>125 – 133</del>	<del>8</del>	<del>Good, Intermixed kankar bands</del>	
<del>10</del>	<del>137 – 144</del>	<del>7</del>	<del>Good, Intermixed kankar bands</del>	

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

CC :

I.M/S NCC Sitapur

*Verified as per logs provided.*  
G. S. Singh  
06/02/23

  
  
(G. S. Singh)  
Geophysicist