



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/432

Date : 04.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Bidanpur Grant, Block - Maholi  
Distt. – Sitapur

**Drilling Depth** : 172 mbgl – as reported by driller

**Logged Depth** : ~~170~~ mbgl

**Date of Logging** : 04.02.23

**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 strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>24 – 36</del>	<del>12</del>	<del>Good</del>	<del><math>R_{mf} = 26.6 \Omega m</math> <math>R_w = 28.1 \Omega m</math></del>
<del>2</del>	<del>45 – 58</del>	<del>13</del>	<del>Good, Intermixed kankar bands</del>	
<del>3</del>	<del>65 – 72</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>85 – 88</del>	<del>3</del>	<del>Good</del>	
<del>5</del>	<del>95 – 108</del>	<del>13</del>	<del>Good, Intermixed kankar bands</del>	
<del>6</del>	<del>116 – 123</del>	<del>7</del>	<del>Good</del>	
<del>7</del>	<del>127 – 130</del>	<del>3</del>	<del>Good</del>	
<del>8</del>	<del>135 – 142</del>	<del>7</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,  
G.Sh  
06/02/23*

*Drish*  
  
(A.K. Singh)  
Geophysicist