



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/544

Date : 08.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Lauhi, Block - Machharehta  
Distt. – Sitapur

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

**Logged Depth** : ~~155 mbgl~~

**Date of Logging** : 08.04.23

**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 <sub>mf</sub> & R <sub>w</sub>
1	37 – 40	3	Good	<del>R<sub>mf</sub> = 22.9 Ωm R<sub>w</sub> = 23.3 Ωm</del>
2	42 – 47	5	Good	
<del>3</del>	<del>80 – 88</del>	<del>8</del>	<del>Good</del>	
<del>4</del>	<del>100 – 110</del>	<del>10</del>	<del>Good</del>	
<del>5</del>	<del>115 – 128</del>	<del>13</del>	<del>Good</del>	
<del>6</del>	<del>141 – 145</del>	<del>4</del>	<del>Good, fine sand</del>	

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

*Verified as per logs provided.*  
GIC  
10/04/23

*Arish*  
  
(A.K. Singh)  
Geophysicist