



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Gonda/66

Date : 18.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Gajdhar Purwa, Block – Itiathok  
Distt. – Gonda

**Drilling Depth** : 170 mbgl as Reported by Driller

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

**Date of Logging** : 18.05.23

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

**Logger Used** : ~~Upfron~~

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m. bgl)	Thickness (m)	Types of strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>27 – 40</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 23.8 Ωm</del>
<del>2</del>	<del>50 – 67</del>	<del>17</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 26.2 Ωm</del>
<del>3</del>	<del>75 – 83</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>94 – 103</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>110 – 119</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>127 – 138</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>145 – 151</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	

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



CC: Executive Engineer (E/M) U P Jal Nigam (Gramin), Gonda

Seen  
Sub

**JUNIOR ENGINEER**  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

Verified as per  
logs provided  
Note - All zone are highly  
kankar intermixed

G.Sh  
19/05/23

  
  
(A.K. Singh)  
Geophysicist