



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/89

Date : 30.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Terwanawabdh, Block – Gaindas Bujurg  
Distt. – Balrampur

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

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

**Date of Logging** : 30.01.23

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



**Logger Used** : ~~Uptron~~

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>30 – 35</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 23.7 Ωm</del>
<del>2</del>	<del>45 – 60</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 25.1 Ωm</del>
<del>3</del>	<del>65 – 73</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>75 – 82</del>	<del>7</del>	<del>Good, Fine to medium sand, kankar mixed</del>	
<del>5</del>	<del>88 – 97</del>	<del>9</del>	<del>Good, Fine to medium sand, kankar mixed</del>	
<del>6</del>	<del>103 – 106</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>135 – 157</del>	<del>22</del>	<del>Good, Fine to medium sand, kankar mixed</del>	

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

*Verified as per logs provided.*  
*Note – SrNo 2-45-51 (5m) and 54-58 (4m) highly kankar intermixed*  
*SrNo 7-135-147 (12m) highly kankar intermixed*  
*147-157 (10m) - Sand*  
*G.Sh*  
*30/01/23*

  
  
(G.S. Singh)  
Geophysicist