



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/60

Date : 29.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Mubarakpur, Block – Rehra Bazar  
District - Balrampur

**Drilling Depth** : 175 mbgl as Reported by Driller

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

**Date of Logging** : 29.12.22

**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)	Probable Lithology	Remarks	$R_{mf}$ & $R_w$
<del>1</del>	<del>25 - 30</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	<del><math>R_{mf} = 25.1 \Omega m</math> <math>R_w = 26.1 \Omega m</math></del>
<del>2</del>	<del>40 - 51</del>	<del>11</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>3</del>	<del>55 - 70</del>	<del>15</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>4</del>	<del>74 - 81</del>	<del>7</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>5</del>	<del>92 - 97</del>	<del>5</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>6</del>	<del>109 - 127</del>	<del>18</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>7</del>	<del>144 - 150</del>	<del>6</del>	<del>Fine to medium sand</del>	<del>Good</del>	
<del>8</del>	<del>154 - 165</del>	<del>11</del>	<del>Fine to medium sand</del>	<del>Good</del>	

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

Verified as per logs provided.  
Note - Sr No 5 - 94 - 98  
Sr No 6 - 109 - 116 (7m)  
and 121 - 127 (6m)

G.Sh  
30/12/22

  
  
(A.K. Singh)  
Geophysicist