



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/133

Date : 01.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Pehar, Block – Utraula  
Distt. – Balrampur

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

**Logged Depth** : ~~168 mbgl~~

**Date of Logging** : 01.03.23

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

**Logger Used** : ~~Upron~~



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>45 – 70</del>	<del>25</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 27.6 Ωm</del>
<del>2</del>	<del>77 – 90</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 29 Ωm</del>
<del>3</del>	<del>100 – 104</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>120 – 126</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>132 – 143</del>	<del>11</del>	<del>Good, Fine to medium sand, kankar intermixed</del>	
<del>6</del>	<del>145 – 157</del>	<del>12</del>	<del>Good, Fine to medium sand, kankar intermixed</del>	

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

Verified as per logs provided.  
Note - Sr No 5 is highly kankar intermixed.

G.Sh  
01/03/23

  
  
(A.K. Singh)  
Geophysicist