



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/268

Date : 19.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Imiliya Khadar, Block – Pachpedwa  
District - Balrampur

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : ~~275 mbgl~~

**Date of Logging** : 19.06.23

**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>
1	55 – 62	7	Good, Fine to medium sand	<del>R<sub>mf</sub> = 20.1 Ωm</del>
2	67 – 72	5	Good, Fine to medium sand	<del>R<sub>w</sub> = 21.4 Ωm</del>
3	80 – 86	6	Good, Fine to medium sand	
<del>4</del>	<del>117 – 125</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>135 – 140</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>160 – 166</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>175 – 180</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>190 – 196</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
9	201 – 204	3	Good, Fine to medium sand	
10	209 – 212	3	Good, Fine to medium sand	
<del>11</del>	<del>222 – 226</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>12</del>	<del>235 – 240</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
13	245 – 160	15	Good, Fine to medium sand	

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

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

Verified as per  
logs provided

Gish  
20/06/23

  
  
(A.K. Singh)  
Geophysicist