



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/111

Date : 14.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Bakoli Dalpur, Block – Gaisandi  
Distt. – Balrampur

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

**Logged Depth** : ~~277~~ mbgl

**Date of Logging** : 14.02.23

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



**Logger Used** : Upton

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>35 – 38</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 26.1 Ωm</del>
<del>2</del>	<del>51 – 55</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 28.4 Ωm</del>
<del>3</del>	<del>62 – 67</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>83 – 90</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>95 – 102</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>112 – 116</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>120 – 123</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>137 – 147</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>156 – 159</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>180 – 185</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>197 – 201</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>12</del>	<del>207 – 210</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>13</del>	<del>220 – 227</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>14</del>	<del>231 – 234</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>15</del>	<del>240 – 244</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>16</del>	<del>260 – 275</del>	<del>15</del>	<del>Good, Fine to medium sand</del>	

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

*Verified as per logs provided.*  
*Note - Sr No 8 - 137-144 (7m) Sr No 16 - Highly kankar intermixed.*  
*G. Singh*  
*15/02/23*

  
  
**(G. K. Singh)**  
Geophysicist