

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)  
9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Balrampura/223

Date : 07.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Madhya Nagar. Block - Harraiya Satgharwa  
District - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275 mbgl~~

Date of Logging : 05.05.23

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 - 41</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 23 Ωm</del>
<del>2</del>	<del>45 - 48</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 24 Ωm</del>
<del>3</del>	<del>65 - 72</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>75 - 85</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>92 - 100</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>105 - 115</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>117 - 122</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>128 - 140</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>145 - 156</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>162 - 165</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>187 - 192</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>12</del>	<del>209 - 220</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>13</del>	<del>225 - 228</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>14</del>	<del>235 - 240</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>15</del>	<del>245 - 250</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>16</del>	<del>260 - 270</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	

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

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

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Sw  
JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

Seen  
Verified as per  
logs provided  
Note - Sr No 12 -  
209-216/  
(7m)

Seen  
Assistant Engineer  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

(A.K. Singh)  
Geophysicist