



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email: [sl.amaresh11@gmail.com](mailto:sl.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JIM/ Balrampur/208

Date : 29.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mohammad Nagar Grant & Rehdauliya, Block – Utraula

District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~167~~ mbgl

Date of Logging : 29.04.23

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	$R_{mf}$ & $R_w$
<del>1</del>	<del>30 – 36</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	<del><math>R_{mf} = 25 \Omega m</math> <math>R_w = 27.2 \Omega m</math></del>
<del>2</del>	<del>40 – 44</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>49 – 56</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>72 – 77</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>89 – 101</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>106 – 109</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>116 – 132</del>	<del>16</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>145 – 148</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>154 – 162</del>	<del>8</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

Verified as per  
logs provided

G.Sh  
01/05/23

  
  
(A.K. Singh)  
Geophysicist