



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

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

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/192

Date : 17.04.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Terhawa Ahema, Block – Utraula  
District - Balrampur

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

**Logged Depth** : ~~162 mbgl~~

**Date of Logging** : 17.04.23

**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	20 – 35	15	Good, Fine to medium sand	<del>R<sub>mf</sub> = 25 Ωm</del>
2	38 – 50	12	Good, Fine to medium sand	<del>R<sub>w</sub> = 27 Ωm</del>
<del>3</del>	<del>61 – 71</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>76 – 81</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>90 – 97</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>118 – 127</del>	<del>9</del>	<del>Good, Fine to medium sand, kankar mixed</del>	
<del>7</del>	<del>135 – 139</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>143 – 150</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>153 – 157</del>	<del>4</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.  
Note: S. No 8-143-148 (SW)

G.S.  
10/09/23



(A.K. Singh)  
Geophysicist