



# 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/169

Date : 30.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Gaura Tirkoliya, Block – Balrampur  
District - Balrampur

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

**Logged Depth** : ~~165 mbgl~~

**Date of Logging** : 30.03.23

**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>
<del>1</del>	30 – 38	8	Good, Fine to medium sand	<del>R<sub>mf</sub> = 25.2 Ωm R<sub>w</sub> = 26 Ωm</del>
<del>2</del>	50 – 60	10	Good, Fine to medium sand	
<del>3</del>	72 – 80	8	Good, Fine to medium sand	
<del>4</del>	88 – 97	9	Good, Fine to medium sand	
<del>5</del>	108 – 114	6	Good, Fine to medium sand	
<del>6</del>	131 – 140	9	Good, Fine to medium sand	
<del>7</del>	142 – 151	9	Good, Fine to medium sand	

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

Verified as per logs provided  
Note:- S.No 2-53-57 (4m)  
S.No 7-142-152 (10m)  
G.S.  
30/03/23

  
  
(A.K. Singh)  
Geophysicist