



# 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/122

Date : 21.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Tilkhi Baraya, Block – Utraula  
Distt. – Balrampur

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~160 mbgl~~ 155

**Date of Logging** : 21.02.23

**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>30 - 38</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 51.3 Ωm</del>
<del>2</del>	<del>47 - 57</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 33 Ωm</del>
<del>3</del>	<del>70 - 77</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>84 - 92</del>	<del>8</del>	<del>Good, Fine to medium sand, kankar intermixed</del>	
<del>5</del>	<del>106 - 112</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>117 - 134</del>	<del>17</del>	<del>Good, Fine to medium sand, kankar intermixed</del>	
<del>7</del>	<del>145 - 150</del>	<del>5</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 7-144-150  
/ (6w)

GSh  
22/02/23

  
  
(A.K. Singh)  
Geophysicist