



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/236

Date : 15.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Khaira, Block – Tulsipur  
District - Balrampur

**Drilling Depth** : 275 mbgl as Reported by Driller

**Logged Depth** : ~~265 mbgl~~

**Date of Logging** : 15.05.23

**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>37 - 44</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 21.6 Ωm</del>
<del>2</del>	<del>78 - 90</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 24 Ωm</del>
3	166 - 170	4	Good, Fine to medium sand - <i>Finer Sediments</i>	
<del>4</del>	<del>175 - 182</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>185 - 191</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>234 - 243</del>	<del>9</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  
16/05/23*

*Amish*  
  
(A.K. Singh)  
Geophysicist