



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/142

Date : 04.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Mahdeiya Sirsiya, Block – Shridattganj  
Distt. – Balrampur

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

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

**Date of Logging** : 04.03.23

**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>	26 – 35	9	Good, Fine to medium sand	<del>R<sub>mf</sub> = 29.2 Ωm R<sub>w</sub> = 31.6 Ωm</del>
<del>2</del>	43 – 67	24	Good, Fine to medium sand, kankar mixed	
<del>3</del>	73 – 85	12	Good, Fine to medium sand, kankar mixed	
<del>4</del>	87 – 98	11	Good, Fine to medium sand	
<del>5</del>	109 – 113	4	Good, Fine to medium sand	
<del>6</del>	118 – 123	5	Good, Fine to medium sand	
<del>7</del>	132 – 138	6	Good, Fine to medium sand	
<del>8</del>	145 – 151	6	Good, Fine to medium sand, kankar mixed	

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

Verified as per logs provided  
Note - SrNo 02 - 43-50 (7m)  
57-67 (10m)  
SrNo 7 - 132-136 (4m)  
Gish  
08/02/23

