



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/126

Date : 06.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Laliya, Block – Harriya Satgharwa  
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~250 mbgl~~

Date of Logging : 06.03.23

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 strara	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	30 – 45	15	Good, Fine to medium sand	<del>R<sub>mf</sub> = 23.9 Ωm R<sub>w</sub> = 25.8 Ωm</del>
<del>2</del>	65 – 71	6	Good, Fine to medium sand	
<del>3</del>	75 – 81	6	Good, Fine to medium sand	
<del>4</del>	90 – 113	23	Good, Fine to medium sand	
<del>5</del>	122 – 141	19	Good, Fine to medium sand	
<del>6</del>	146 – 152	6	Good, Fine to medium sand	
<del>7</del>	185 – 189	4	Good, Fine to medium sand	
<del>8</del>	212 – 233	21	Good, Fine to medium sand	

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

Verified as per  
logs provided.  
Note - Sr No 4 - 90-97 (7m)  
106-113 (7m)  
Sr No 8 - 212-216 (4m)  
220-233 (20m)  
G.S.

