

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/165

Date : 29.03.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bahraha, Block – Harraiya Satgharwa  
District - Balrampur

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275 mbgl~~

Date of Logging : 29.03.23

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>74 – 82</del>	<del>8</del>	<del>Good. Fine to medium sand</del>	<del>R<sub>mf</sub> = 22 Ωm</del>
<del>2</del>	<del>107 – 117</del>	<del>10</del>	<del>Good. Fine to medium sand</del>	<del>R<sub>w</sub> = 13.2 Ωm</del>
<del>3</del>	<del>144 – 153</del>	<del>9</del>	<del>Good. Fine to medium sand</del>	
<del>4</del>	<del>169 – 176</del>	<del>7</del>	<del>Good. Fine to medium sand</del>	
<del>5</del>	<del>224 – 229</del>	<del>5</del>	<del>Good. Fine to medium sand</del>	
<del>6</del>	<del>235 – 242</del>	<del>7</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 3-146-153 (7m)  
One more zone may add - 207-211 (4m)  
GSh  
31/03/23

Seen  
Sh

Seen  
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DIVISION OFFICE (E/M)  
U.P. JAL NIGAM RURAL GONDA

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