



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/264

Date : 15.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Madarwa Kalan, Block– Pachpedwa  
District - Balrampur

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

**Logged Depth** : ~~262 mbgl~~

**Date of Logging** : 15.06.23

**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>	<del>35 - 41</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 18 Ωm R<sub>w</sub> = 20.1 Ωm</del>
<del>2</del>	<del>65 - 72</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>96 - 103</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>133 - 142</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>168 - 180</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>202 - 210</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>223 - 235</del>	<del>12</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  
16/06/23

  
  
(G.S. Singh)  
Geophysicist