



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/238

Date : 18.05.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Dhanpur Kamda, Block – Harraiya Satgharwa  
District - Balrampur

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

**Logged Depth** : ~~250 mbgl~~

**Date of Logging** : 18.05.23

**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>37 - 41</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	R <sub>mf</sub> = 20 Ωm R <sub>w</sub> = 22 Ωm
<del>2</del>	<del>57 - 60</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>3</del>	<del>72 - 78</del>	<del>6</del>	<del>Good, Fine to medium sand - Kankar - I.</del>	
<del>4</del>	<del>92 - 95</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>110 - 121</del>	<del>11</del>	<del>Good, Fine to medium sand - Thin bands of finer Sediments.</del>	
<del>6</del>	<del>184 - 190</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>225 - 235</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>237 - 247</del>	<del>10</del>	<del>Good, Fine to medium sand - Kankar I.</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.  
Note - Sr. NO. 7 - 225 - 230 (Su)

G.Sh  
19/05/23

  
  
(A.K. Singh)  
Geophysicist