



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/83

Date : 26.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Lakhma, Block – Shreedattganj  
Distt. – Balrampur

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

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

**Date of Logging** : 26.01.23

**Types of Log** : ~~S.P.~~ & Resistivity (Normal & Lateral)



**Logger Used** : ~~Lp~~tron

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>29 – 36</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>mf</sub> = 27 Ωm</del>
<del>2</del>	<del>45 – 52</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	<del>R<sub>w</sub> = 28.8 Ωm</del>
<del>3</del>	<del>55 – 61</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>65 – 72</del>	<del>7</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>82 – 95</del>	<del>13</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>100 – 103</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>122 – 130</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>134 – 145</del>	<del>11</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>158 – 162</del>	<del>4</del>	<del>Good, Fine to medium sand</del>	

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

*Verified as per logs provided.*  
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GSh  
27/01/23

  
  
(A.K. Singh)  
Geophysicist