



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/85

Date : 26.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Jignahat- Nagawa, Block- Gaindas Bujurg  
Distt. – Balrampur

**Drilling Depth** : 175 mbgl as Reported by Driller

**Logged Depth** : ~~167~~ mbgl

**Date of Logging** : 26.01.23

**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	$R_{mf}$ & $R_w$
1	29 – 40	11	Good, Fine to medium sand	<del><math>R_{mf} = 34.1 \Omega m</math> <math>R_w = 37 \Omega m</math></del>
2	45 – 50	5	Good, Fine to medium sand	
<del>3</del>	<del>52 – 62</del>	<del>10</del>	<del>Good, Fine to medium sand</del>	
<del>4</del>	<del>65 – 74</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>5</del>	<del>80 – 88</del>	<del>8</del>	<del>Good, Fine to medium sand</del>	
<del>6</del>	<del>92 – 98</del>	<del>6</del>	<del>Good, Fine to medium sand</del>	
<del>7</del>	<del>103 – 112</del>	<del>9</del>	<del>Good, Fine to medium sand</del>	
<del>8</del>	<del>114 – 117</del>	<del>3</del>	<del>Good, Fine to medium sand</del>	
<del>9</del>	<del>120 – 132</del>	<del>12</del>	<del>Good, Fine to medium sand</del>	
<del>10</del>	<del>135 – 140</del>	<del>5</del>	<del>Good, Fine to medium sand</del>	
<del>11</del>	<del>152 – 159</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 - SrNo 6-92-96 (4m)  
SrNo 9-122-132 (16m)

G.Sh  
27/01/23

  
  
(A.K. Singh)  
Geophysicist