



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/75

Date : 15.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Pidiya Bujurg, Block – Gaindas Bujurg  
Distt. – Balrampur

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

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

**Date of Logging** : 15.01.23

**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>	30 – 37	7	Good, Fine to medium sand	<del>R<sub>mf</sub> = 33 Ωm</del>
<del>2</del>	43 – 53	10	Good, Fine to medium sand	<del>R<sub>w</sub> = 34.4 Ωm</del>
<del>3</del>	60 – 70	10	Good, Fine to medium sand	
<del>4</del>	80 – 87	7	Good, Fine to medium sand	
<del>5</del>	91 – 98	7	Good, Fine to medium sand	
<del>6</del>	101 – 105	4	Good, Fine to medium sand	
<del>7</del>	107 – 111	4	Good, Fine to medium sand	
<del>8</del>	120 – 127	7	Good, Fine to medium sand	
<del>9</del>	150 – 155	5	Good, Fine to medium sand	

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

*Verified as per logs provided.  
Note - Sr No 5 is highly intermixed with kankar*

*G.Sh  
16/01/23*

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Geophysicist