



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/39

Date : 05.12.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Itai Abdulla , Block – Rehra Bazar  
Distt. – Balrampur

**Drilling Depth** : 165 mbgl as Reported by Driller

**Logged Depth** : ~~160~~ mbgl

**Date of Logging** : 05.12.22

**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)	Probable Lithology	Remarks	$R_{mf}$ & $R_w$
<del>1</del>	26 – 35	9	Fine to medium sand	Good	<del><math>R_{mf} = 26.4 \Omega m</math></del>
<del>2</del>	45 – 65	20	Fine to medium sand	Good	<del><math>R_w = 27.5 \Omega m</math></del>
<del>3</del>	72 – 85	13	Fine to medium sand	Good	
④	92 – 95	3	Fine to medium sand	Good	
<del>5</del>	112 – 117	5	Fine to medium sand	Good	
⑥	125 – 135	10	Fine to medium sand, highly kankar mixed	Good	
<del>7</del>	145 – 149	4	Fine to medium sand	Good	

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

Verified as per logs provided.  
G.S.  
06/12/22

  
  
(A.K. Singh)  
Geophysicist