



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/48

Date : 13.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Newada, Block – Rehra Bazar
District - Balrampur

Drilling Depth : 170 mbgl as Reported by Driller

Logged Depth : ~~165~~ mbgl

Date of Logging : 13.12.22

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

Logger Used : ~~Upron~~



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
1	28 – 35	7	Fine to medium sand	Good	$R_{mf} = 26 \Omega m$
2	40 – 53	13	Fine to medium sand	Good	$R_w = 27.1 \Omega m$
3	58 – 65	7	Fine to medium sand	Good	
4	70 – 77	7	Fine to medium sand	Good	
5	94 – 98	4	Fine to medium sand	Good	
6	100 – 104	4	Fine to medium sand	Good	
7	110 – 117	7	Fine to medium sand	Good	
8	140 – 148	8	Fine to medium sand	Good	

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

Verified as per logs provided.
Note - Sr No 2-42-53 (11m)
Sr No 4-71-78 (7m).

G. Sh
14/12/22



(A.K. Singh)
Geophysicist