



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/47

Date : 15.03.2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Charo Kafri, Block – Balrampur
District - Balrampur

Drilling Depth : 175 mbgl as Reported by Driller

Logged Depth : ~~175~~ mbgl

Date of Logging : 15.03.2023

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
1	25 – 32	7	Fine to medium sand	Good	$R_{mf} = 30 \Omega m$ $R_w = 32.1 \Omega m$
2	35 – 41	6	Fine to medium sand	Good	
3	47 – 50	3	Fine to medium sand	Good	
4	55 – 63	8	Fine to medium sand, kankar mixed	Good	
5	66 – 76	10	Fine to medium sand, kankar mixed	Good	
6	85 – 91	6	Fine to medium sand	Good	
7	94 – 97	3	Fine to medium sand	Good	
8	105 – 112	7	Fine to medium sand	Good	
9	120 – 130	10	Fine to medium sand	Good	
10	145 – 156	11	Fine to medium sand, kankar mixed	Good	
11	161 – 166	5	Fine to medium sand	Good	

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

Verified as per logs provided
Note - Sr No 11 - 162-166 (4m)
G.Sh



(A.K. Singh)
Geophysicist