



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/155

Date : 21.03.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : ~~160 mbgl~~

Date of Logging : 21.03.23

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 _{mf} & R _w
1	29 – 33	4	Good, Fine to medium sand	R_{mf} = 24.6 Ωm
2	36 – 40	4	Good, Fine to medium sand	R_w = 28 Ωm
3	45 – 53	8	Good, Fine to medium sand	
4	55 – 60	5	Good, Fine to medium sand	
5	66 – 72	6	Good, Fine to medium sand	
6	74 – 78	4	Good, Fine to medium sand	
7	82 – 92	10	Good, Fine to medium sand	
8	110 – 116	6	Good, Fine to medium sand	
9	124 – 134	10	Good, Fine to medium sand	
10	141 – 144	3	Good, Fine to medium sand	
<u>11</u>	<u>146 – 150</u>	<u>4</u>	<u>Good, Fine to medium sand</u>	

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

Verified as per logs provided.
Note - SrNo 8-112-116 (4m)
SrNo 11 - Highly kankar intermixed.

G. Singh
22/03/23
A.K. Singh
Geophysicist

