



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/55

Date : 25.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 280 mbgl as Reported by Driller

Logged Depth : ~~275~~ mbgl

Date of Logging : 25.12.22

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

Logger Used : ~~Uptron~~

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 – 31	6	Fine to medium sand	Good	$R_{mf} = 24.2 \Omega m$
2	65 – 75	10	Fine to medium sand	Good	$R_w = 25.8 \Omega m$
3	115 – 130	15	Fine to medium sand	Good	
4	144 – 155	11	Fine to medium sand	Good	
5	162 – 167	5	Fine to medium sand	Good	
6	205 – 222	17	Fine to medium sand	Good	
7	232 – 238	6	Fine to medium sand	Good	
8	244 – 252	8	Fine to medium sand	Good	
9	255 – 260	5	Fine to medium sand	Good	

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

*Verified as per
logs provided,
G.Sh
26/12/22*

Arish

(A.K. Singh)
Geophysicist