



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/118

Date : 18.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Harkhadi, Block – Pachpedwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~270 mbgl~~

Date of Logging : 18.02.23

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	48 – 55	7	Good, Fine to medium sand	$R_{mf} = 28.9 \Omega m$
2	65 – 70	5	Good, Fine to medium sand	$R_w = 30.5 \Omega m$
3	75 – 83	8	Good, Fine to medium sand	
4	97 – 100	3	Good, Fine to medium sand	
5	114 – 120	6	Good, Fine to medium sand	
6	130 – 137	7	Good, Fine to medium sand	
7	157 – 165	8	Good, Fine to medium sand	
8	170 – 184	14	Good, Fine to medium sand	
9	209 – 213	4	Good, Fine to medium sand	
10	248 – 256	8	Good, Fine to medium sand	

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

*Verified as per logs provided.
Note - So No 8-170-177 (7m)
and 181-184 (3m)
G.S.S.
20/02/23*



(A.K. Singh)
Geophysicist