



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/22

Date : 03.10.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

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

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : 272 mbgl

Date of Logging : 03.10.22

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 <sub>mf</sub> & R <sub>w</sub>
1	43 – 47	4	Fine to medium sand	Good	R <sub>mf</sub> = 37 Ωm R <sub>w</sub> = 40 Ωm
2	65 – 70	5	Fine to medium sand	Good	
3	90 – 96	6	Fine to medium sand	Good	
4	129 – 133	4	Fine to medium sand	Good	
5	165 – 170	5	Fine to medium sand	Good	
6	191 – 194	3	Fine to medium sand	Good	
7	200 – 208	8	Fine to medium sand	Good	
8	216 – 230	14	Fine to medium sand	Good	

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

C C: M/S L & T Balrampur.

Verified as per logs provided.  
Note- Sr No 4 may consider as 128-132 (4) and Sr No 7 as 200-207 (7) Sr No 6 have band of fine sediments.  
S.K.S.  
04/10/22

  
  
(A.K. Singh)  
Geophysicist