



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/16

Date : 24.09.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Dulhin Dih, Block – Gasari, District - Balrampur

Drilling Depth : 287 mbgl as Reported by Driller

Logged Depth : 285 mbgl

Date of Logging : 24.09.22

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	35 – 45	10	Fine to medium sand	Good	R _{mf} = 22 Ωm
2	70 – 87	17	Fine to medium sand	Good	R _w = 24 Ωm
3	95 – 105	10	Fine to medium sand	Good	
4	127 – 130	3	Fine to medium sand	Good	
5	135 – 139	4	Fine to medium sand	Good	
6	150 – 160	10	Fine to medium sand	Good	
7	167 – 171	4	Fine to medium sand	Good	
8	180 – 185	5	Fine to medium sand	Good	
9	207 – 216	9	Fine to medium sand	Good	
10	225 – 230	5	Fine to medium sand	Good	
11	263 – 283	20	Fine to medium sand	Good	

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

1. C C: M/S L & T Balrampur

Verified as per logs provided.

G.S.K.
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24/09/22
U.P. JAL NIGAM (RURAL)
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