



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Balrampur/27

Date : 22.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village –Sikander Bojhi , Block – Haraya Satgharwa
Distt. – Balrampur

Drilling Depth : 275 mbgl as Reported by Driller

Logged Depth : ~~273~~ mbgl

Date of Logging : 22.11.22

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 _{mf} & R _w
1	36 – 40	4	Fine to medium sand	Good	R _{mf} = 24.10Ωm R _w = 25.8Ωm
2	55 – 59	4	Fine to medium sand	Good	
3	65 – 71	6	Fine to medium sand	Good	
4	87 – 92	5	Fine sand, highly kankar Intermixed.	Good	
5	117 – 123	6	Fine to medium sand, kankar intermixed	Good	
6	144 – 147	3	Fine sand, highly kankar Intermixed	Good	
7	165 – 170	5	Fine sand	Good	
8	175 – 178	3	Fine to medium sand	Good	
9	186 – 190	4	Finer sediments	Good	
10	205 – 213	8	Fine to medium sand, kankar intermixed	Good	
11	221 – 225	4	Fine to medium sand, kankar intermixed	Good	
12	243 – 250	7	Fine to medium sand, kankar intermixed	Good	
13	260 – 263	3	Fine to medium sand, kankar intermixed	Good	

Remark .:

C C:

M/S L & T Balrampur

Verified as per logs provided.

G. S. S.
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GIC (E/M)
U.P. JALN (RURAL)
FRANCHISE

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(A.K. Singh)
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