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GROUND WATER INVESTIGATION CENTRE
(Ground Water Assessment & Allied Services)
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Ref: GIC/JJM/Basti/1

Date : 11.02.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Mahdevn, Block – Harraiya
Distt. – Basti

Drilling Depth : 135 mbgl – as reported

Logged Depth : 132 mbgl

Date of Logging : 11.02.22

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

Logger Used : Upton

Presence : Rep. of M/S Megha Engineering & Infracture Ltd. Hyderabad

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	30 – 40	10	Good	R _{mf} = 36 Ωm R _w = 42 Ωm
2	45 – 58	13	Good	
2	62 – 71	9	Good	
3	77 – 86	9	Good	
4	95 – 100	5	Good	
5	121 – 124	3	Good	Fine Sand

Remark : High Tension line passes near bore hole. So Log marginally effected by high tension line.

CC:

1. Megha Engineering & Infracture Limited, Hyderabad

Verified as per
logs provided.

G. S. H.

12/02/22.

