



GROUND WATER INVESTIGATION CENTRE
(Ground Water Assessment & Allied Services)
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Ref: GIC/IJM/Basti/5

Date: 24.02.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Niranjanpur, Block - Bahadurpur
Distt. - Basti

Drilling Depth : 140 mbgl - as reported

Logged Depth : 130 mbgl

Date of Logging : 24.02.22

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

Logger Used : Uptron

Presence : Rep. of M/S Megha Engineering & Infrastructure 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 - 36	6	Good	R _{mf} = 21 Ωm R _w = 20.4 Ωm
2	42 - 46	4	Good	
3	55 - 75	20	Good	
4	80 - 85	5	Good	
5	90 - 95	5	Good	
6	120 - 126	6	Good	

Remark: Ground water quality is good.

CC:

1. Megha Engineering & Infrastructure Limited, Hyderabad

Verified as per logs provided.
Note - Sr No 6 - 120 - 124 mbgl may consider.

ASSISTANT HYDROGEOLOGIST
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