



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Fatehpur/84

Date : 06.02.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kheshan, Block – Haswa
Distt. – Fatehpur

Logged Depth : ~~155~~ mbgl

Date of Logging : 06.02.23

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)	Types of strara	R_{mf} & R_w
1	34 – 54	20	Good	$R_{mf} = 20.7 \Omega m$
2	57 – 63	6	Good	$R_w = 22 \Omega m$
3	69 – 72	3	Good, Highly kankar mixed	
4	74 – 78	4	Good, Highly kankar mixed	
5	82 – 85	3	Good, Highly kankar mixed	
6	87 – 98	11	Good	
7	100 – 105	5	Good, Highly kankar mixed	
8	110 – 114	4	Good	
9	120 – 125	5	Good, Highly kankar mixed	
10	130 – 141	11	Good	

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

*Verified as per logs provided.
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07/02/23*

Dr. K. Singh

(*K. Singh*)
Geophysicist