

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/073

Date: 30-04-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Umari, Block – Jaisinghpur, Distt. – Sultanpur

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : ~~165.30~~ mbgl

Date of Logging : 30.04.2023

Types of Log : ~~S.P., Resistivity (Normal) & Natural Gamma~~

Logger Used : ~~Robertson Geologging.,~~

Bore Hole Drilled by : Vindhya Telelinks Ltd. – Gaja Engineering Pvt. Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R_{mf} & R_w
1	40 – 46	6	Good	$R_{mf} = 09.82 \Omega m$ $R_w = 10.90 \Omega m$
2	51 – 55	4	Moderate	
3	59 – 62	3	Moderate	
4	88 – 94	6	Good	
5	96 – 113	17	Good	

Remark : ~~1. Almost all zones are intermixed with fine bands of kankar.
2. Formation water quality deteriorating marginal to saline below 124 mbgl.~~

Verified as per
logs provided
Note Sr No 2 and 3
are fine in
nature

G.Sh
01105/23


(G. S. Singh)
Geophysicist