



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: TDMA/WWP/JR/169

Date: 01-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sohas Somali, Block – Uska Bazar,
Distt. – Siddharth Nagar

Drilling Depth (m) : 180.00 mbgl as reported by Driller

Logged Depth (m) : ~~178.00~~ mbgl

Date of Logging : 01.06.2023

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

Logger Used : ~~Robertson Geologging.~~

Bore Hole Drilled by: Megha Engineering and Infrastructure 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	38 – 46	8	Good	$R_{mf} = 15.94 \Omega m$
2	84 – 92	8	Good = 6	$R_w = 17.85 \Omega m$
3	94 – 104	10	Good = 9	
4	116 – 122	6	Good = 6	

Remark : ~~1. Almost all zones are intermixed with fine bands of kankar.~~

~~2. No proper granular zones encountered below 122 mbgl to till depth logged.~~

Verified as per
logs provided.

GSh
02/06/23



