



GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

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Ref./ UP-08/ 07 – 2024

Dated: 30-07-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Sahpur Samsher Khan
Block : Manihari
District : Ghazipur
State : Uttar Pradesh
Date of Logging : 29-07-2024
Drilling Depth : 120.0 m bgl
Logging Depth : 116.0 m bgl
Rm/Rw : 13.0 ohm.m/11.0 ohm.m
Borehole Drilled by : **HFCL-JWIL-JV, Ghazipur**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N – 16")**, **Long Normal (N – 64")** and **Lateral 6'** Geophysical Logs, following information/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	19 – 27	08	Moderate
02	38 – 53	15	Good

Note:

- 1) Predominant clay may be present at depth between 29.0 m bgl to 31.0 m bgl
- 2) Quality of water may deteriorate from depth between 56.0 m bgl till depth logged
- 3) Please ensure pre – monsoon water level before lowering the well assembly



For Geotech Enterprise

Avinash Goswami

Geologist



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