

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sihari**
 Block: **Sau Ghat**
 District: **Basti**
 State: **Uttar Pradesh**
 Date of Logging: **22-04-2023**
 Drilling Depth: **132.0 m bgl**
 Logging Depth: **128.0 m bgl**
 Rm – **14.0 Ωm** Rw – **13.0 Ωm**

Borehole Drilled by: M/s **Megha Engineering & Infrastructure Ltd., Basti, Uttar Pradesh.**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6")** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	23 – 30	07	Good
2.	36 – 46	10	Good
3.	53 – 60	07	Good
4.	68 – 78	10	Good
5.	86 – 90	04	Good
6.	102 – 106	04	Good
7.	117 – 124	07	Good

Note: 1. Zones Sl. No. 4 is highly intermixed with very fine bands of kankar.

For Geo Instruments & Technic's

(S. Shukla)