

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: **1K 258**

Dated: 21-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bedhari**
Block: **Siddhour**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **21-01-2023**
Drilling Depth: **170.0 m bgl**
Logging Depth: **168.0 m bgl**

Borehole Drilled by: M/s Mega Engineering & Infrastructure Ltd.
Barabanki, Uttar Pradesh, India.

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.	15 - 19	04	Good
2.	28 - 38	10	Good
3.	44 - 51	07	Good
4.	60 - 73	13	Good
5.	78 - 82	04	Good
6.	86 - 100	04	Good
<u>7.</u>	<u>135 - 139</u>	<u>04</u>	<u>Good</u>
<u>8.</u>	<u>146 - 150</u>	<u>04</u>	<u>Good</u>

Note: 1. Zone Sl. No. 4 & 6 are highly intermixed with fine bands of kankar.

2. Zone Sl. No. 7 is medium sand in nature.

3. Zone Sl. No. 8 is fine sand in nature.

Verified as per logs provided.

*G. Gh
21/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)