

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS:1K- **193**
Dated: 13-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dadabad**
Block: **Maholi**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **176.0 m bgl**
Logging Depth: **175.0 m bgl**
Date of logging: **12-01-2023**
Rm – **20.0 Ωm** Rw – **25.0 Ωm**

Borehole Drilled by: **M/s NCC Limited, Sitapur, 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. | 18 – 25 | 07 | Good |
| 2. | 31 – 35 | 04 | Good |
| 3. | 44 – 48 | 04 | Good |
| 4. | 52 – 56 | 04 | Good |
| 5. | 63 – 72 | 09 | Good |
| 6. | 98 – 105 | 07 | Good |
| 7. | 120 – 134 | 14 | Good |
| 8. | 140 – 143 | 03 | Good |
| 9. | 150 – 153 | 03 | Good |
| 10. | 161 – 174 | 13 | Good |

Note: **1. Fine bands of Kankar are intermixed with Zones Sl. No. 7 and 10.**

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

Verified as per logs provided.
Note - Sr No 2-31-34 (3m)
Sr No 3-45-48 (3m)
G. Sh
14/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)