

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- 191

Dated: 13-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Navada**
Block: **Mahoali**
District: **Sitapur**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **167.0 m bgl**
Date of logging: **13-01-2023**
Rm - **50.0 Ω m** Rw - **60.0 Ω m**

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. | 42 - 49 | 07 | Good |
| 3. | 55 - 62 | 07 | Good |
| 4. | 71 - 75 | 04 | Good |
| 5. | 81 - 90 | 09 | Good |
| 6. | 109 - 116 | 07 | Good |
| 7. | 125 - 132 | 07 | Good |
| 8. | 150 - 164 | 14 | Good |

Note: ~~1.~~ Fine bands of Kankar are intermixed with almost all the zones.

~~2.~~ Zone Sl. No.7 is highly intermixed with very thin bands of Kankar.

*Verified as per logs provided,
G.S.H
13/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)