

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 662

Dated: 22-10-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Binohani Kalan**
Block: **Harriya Satgharwa**
District: **Balrampur**
State: **Uttar Pradesh**
Drilling Depth: **275.0 m bgl**
Logging Depth: **258.0m bgl**
Date of logging: **22-10-2022**

Borehole Drilled by: **M/s DARA-ECO Protection (JV), Balarampur, U. P.**

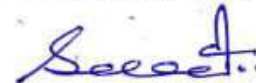
Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (6')** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

| Sl. No. | Depth Range (m bgl) | Thickness (meter) | Remark (Quality of Aquifer Water) |
|---------|---------------------|-------------------|-----------------------------------|
| 1. | 17 – 20 | 03 | Good |
| 2. | 36 – 40 | 04 | Good |
| 3. | 53 – 59 | 06 | Good |
| 4. | 65 – 69 | 04 | Good |
| 5. | 100 – 104 | 04 | Good |
| 6. | 114 – 117 | 03 | Good |
| 7. | 140 – 144 | 04 | Good |
| 8. | 155 – 159 | 04 | Good |
| 9. | 173 – 179 | 06 | Good |
| 10. | 209 – 216 | 07 | Good |
| 11. | 230 – 237 | 07 | Good |

Note: **1. Fine bands of Kankar are intermixed with almost all the Zones.**

2. Zone Sl. No. 2 and 4 are Fine Sand in nature.

For Geo Instruments & Technic's


(S. Shukla)