

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 451

Dated: 14-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ashrafpur Bhuwa**
Block: **Jalalpur**
District: **Ambedkar Nagar**
State: **Uttar Pradesh**
Date of Logging: **14-05-2023**
Drilling Depth: **175.0 m bgl**
Logging Depth: **170.0 m bgl**
Rm - **13.0 Qm** Rw - **12.0 Qm**

Borehole Drilled by: M/s VTL GAJA Engineering Ltd. Ambedkar
Nagar, 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. | 16 - 20 | 04 | Good |
| 2. | 27 - 33 | 06 | Good |
| 3. | 37 - 40 | 03 | Good |
| 4. | 51 - 55 | 04 | Good |
| 5. | 60 - 67 | 07 | Good |
| 6. | 87 - 93 | 06 | Good |
| 7. | 99 - 103 | 04 | Good |
| 8. | 116 - 123 | 07 | Good |
| 9. | 127 - 131 | 04 | Good |
| 10. | 141 - 144 | 03 | Good |
| 11. | 160 - 164 | 04 | Good |

Note: 1. Fine band of kankar are intermixed almost all the Zones.

2. Zones Sl. No. 6 and 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.S.H.
15/05/23