

# 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:21-22:LS: 18

Dated: 12-12-2021

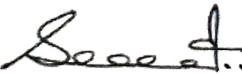
## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Anbhapur  
Block: Jarwal  
District: Bahraich  
State: Uttar Pradesh  
Date of logging: 11-12-2021  
Drilling depth: 307.0 m bgl  
Logging Depth: 304.0 m bgl  
Borehole Drilled by: M/s PNC Infratech.  
Rm - 15.0  $\Omega$  m Rw - 17.5  $\Omega$  m

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Natural Gamma Ray, geophysical logs following informations/granular zones have been deciphered:

| Sl. No. | Depth Range (mbgl) | Thickness (meters) | Inferred lithology    | Remarks (Quality of aquifer water) |
|---------|--------------------|--------------------|-----------------------|------------------------------------|
| 1.      | 27 - 50            | 23                 | Sand                  | Good                               |
| 2.      | 51 - 57            | 06                 | Clay                  |                                    |
| 3.      | 57 - 65            | 08                 | Sand                  | Good                               |
| 4.      | 65 - 71            | 06                 | Clay                  |                                    |
| 5.      | 71 - 75            | 04                 | Sand                  | Good                               |
| 6.      | 75 - 81            | 06                 | Clay                  |                                    |
| 7.      | 81 - 96            | 15                 | Sand                  | Good                               |
| 8.      | 96 - 102           | 06                 | Prominent Clay        |                                    |
| 9.      | 102 - 108          | 06                 | Sand                  | Good                               |
| 10.     | 139 - 146          | 07                 | Sand                  | Good                               |
| 11.     | 154 - 172          | 18                 | Sand                  | Good                               |
| 12.     | 178 - 195          | 17                 | Prominent Clay        |                                    |
| 13.     | 195 - 204          | 09                 | Fine Sand             | Good                               |
| 14.     | 215 - 221          | 06                 | Fine Sand             | Good                               |
| 15.     | 226 - 233          | 07                 | Fine Sand             | Good                               |
| 16.     | 240 - 246          | 06                 | Fine Sand             | Good                               |
| 17.     | 250 - 257          | 07                 | Fine Sand with Kankar | Good                               |
| 18.     | 260 - 266          | 06                 | Sand                  | Good                               |
| 19.     | 273 - 276          | 03                 | Fine Sand             | Good                               |
| 20.     | 285 - 294          | 09                 | Sand                  | Good                               |
| 21.     | 297 - 300          | 03                 | Fine Sand             | Good                               |

For Geo Instruments & Technic's

  
(S. Shukla)