

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref.GIT:UP: PJM:23-24:LS: 504
Dated: 20-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Nonhar
Block: Bhiyaon
District: Ambedkar Nagar
State: Uttar Pradesh
Date of Logging: 20-05-2023
Drilling Depth: 170.0 m bgl
Logging Depth: 160.0 m bgl
Rm -14.0 Om Rw -12.0 Om

Borehole Drilled by: M/s VTL GAJA Engineering Pvt. 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 - 22 | 06 | Good |
| 2. | 25 - 29 | 04 | Good |
| 3. | 40 - 44 | 04 | Good |
| 4. | 63 - 73 | 10 | Good |
| 5. | 115 - 121 | 06 | Good |
| 6. | 130 - 134 | 04 | Good |
| 7. | 140 - 144 | 04 | Good |

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.

Verified as per logs provided by
(S. Shukla)
Note: Sr Nos-117-121
(4m)
G.S.H.
20/05/23