

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: 258

Dated: 04-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pura Bhagela
Block: Sikarara
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 03-06-2022
Drilling Depth: 500.0 m bgl
Logging Depth: 473.0 m bgl
Rm -10.0 Ω m Rw - 9.0 Ω m

Borehole Drilled by: Welspun Enterprises, Jaunpur, Uttar Pradesh, India.

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. | 30 - 36 | 06 | Good |
| 2. | 40 - 48 | 08 | Good |
| 3. | 50 - 60 | 10 | Good |
| 4. | 192 - 196 | 04 | Moderate |
| 5. | 225 - 230 | 05 | Moderate |
| 6. | 235 - 239 | 04 | Moderate |
| 7. | 245 - 252 | 07 | Moderate |

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

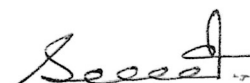
2. Zones Sl. No. 4 to 7 are Fine Sand in nature.

3. Quality of Ground Water is deteriorating marginal to Saline in between 65.0 to 160.0 m bgl and below 264.0 m bgl to till depth Logged.

Verified as per logs provided.

ASSISTANT HYDROGEOLOGIST
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For Geo Instruments & Technic's


(S. Shukla)