

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:23-24:LS: 271
Dated: 23-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pure Ichharam
Block: Lalaganj
District: Pratapgarh
State: Uttar Pradesh
Logging depth: ~~276.0 m bgl~~
Date of logging: ~~21-06-2023~~
Rm ~~-9.0 Ωm~~ Rw ~~-11.0 Ωm~~

Borewell Drilled By: M/s Kalpataru Project international Limited,
Pratapgarh, 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 (meters) | Remarks (Quality of aquifer water) |
|---------------|----------------------|--------------------|------------------------------------|
| 1. | 24 - 33 | 09 | Good |
| 2. | 37 - 41 | 04 | Good |
| 3. | 47 - 51 | 04 | Good |
| 4. | 66 - 70 | 04 | Good |
| 5. | 76 - 80 | 04 | Good |
| 6. | 151 - 160 | 09 | Good |
| 7. | 172 - 176 | 04 | Good |
| 8. | 182 - 186 | 04 | Good |
| 9. | 194 - 198 | 04 | Good |
| 10. | 204 - 208 | 04 | Good |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 3 & 10 are highly intermixed with fine bands of kankar.
3. Zone Sl. No. 10 is fine sand in nature.
4. Quality of ground water is deteriorating marginal to saline in between 94.0 to 139.0 & below 224.0 m bgl to till depth logged.
5. Predominated clay is present in depth range 139.0 to 145.0 m bgl.

Verified as per logs provided

G.Sh
22/06/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)