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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP:23-24:LS: 312  
Dated: 01-07-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kumbhidiha  
Block: Sangipur  
District: Pratapgarh  
State: Uttar Pradesh  
Logging depth: 148.0 m bgl  
Date of logging: 29-06-2023  
Rm - 9.0  $\Omega$ m Rw - 11.0  $\Omega$ m

Borewell Drilled By: M/s Power Mech Project Ltd., 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.      | 26 - 30             | 04                 | Good                               |
| 2.      | 46 - 52             | 06                 | Good to Moderate                   |
| 3.      | 59 - 63             | 04                 | Moderate                           |

- Note: 1. Quality of ground water is deteriorating marginal to saline below 70.0 m bgl to till depth logged.  
2. Please ensure pre-monsoon water level before lower the well assembly,

For Geo Instruments & Technic's

  
(S. Shukla)