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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: 68  
Dated: 21-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Launda  
Block: Kunda  
District: Pratapgarh  
State: Uttar Pradesh  
Logging depth: 196.0 m bgl  
Date of logging: 20-04-2023  
Rm -11.0  $\Omega$ m R<sub>w</sub> -10.0  $\Omega$ m

Borewell Drilled By: M/s Power Mech. Project Ltd., Pratapgarh, U.P., 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 (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1.      | 18 - 22             | 04                 | Good                               |
| 2.      | 36 - 40             | 04                 | Good                               |
| 3.      | 45 - 52             | 07                 | Good                               |
| 4.      | 62 - 66             | 04                 | Good                               |
| 5.      | 86 - 93             | 07                 | Good                               |
| 6.      | 98 - 102            | 04                 | Good                               |
| 7.      | 108 - 115           | 07                 | Good                               |
| 8.      | 120 - 124           | 04                 | Good                               |
| 9.      | 128 - 137           | 09                 | Good                               |
| 10.     | 142 - 148           | 06                 | Good                               |
| 11.     | 152 - 156           | 04                 | Good                               |
| 12.     | 164 - 168           | 04                 | Good                               |
| 13.     | 178 - 182           | 04                 | Good                               |
| 14.     | 184 - 188           | 04                 | Moderate                           |

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
2. Zone Sl. No. 5, 7, 10 & 12 are highly intermixed with fine bands of kankar.  
3. Zone Sl. No. 8 is fine sand in nature.  
4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided

S. Shukla  
(S. Shukla)

GSL  
21/04/23

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