

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: 23-24:LS: 607  
Dated: 31-05-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pradhan Patti  
Block: Padrauna  
District: Kushi Nagar  
State: Uttar Pradesh  
Drilling depth: 154.0 m bgl  
Logging depth: 153.0 m bgl  
Date of logging: 31-05-2023  
Rm - 15.0  $\Omega$ m Rw - 14.0  $\Omega$ m

Borewell Drilled By: M/s NCC Limited, Kushi Nagar, 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) |
|----------------|---------------------|--------------------|------------------------------------|
| <del>1.</del>  | 21 - 25             | 04                 | Good                               |
| <del>2.</del>  | 30 - 34             | 04                 | Good                               |
| <del>3.</del>  | 36 - 40             | 04                 | Good                               |
| <del>4.</del>  | 45 - 49             | 04                 | Good                               |
| <del>5.</del>  | 50 56 - 65          | 09 07              | Good                               |
| <del>6.</del>  | 70 - 74             | 04                 | Good                               |
| <del>7.</del>  | 77 - 83             | 06                 | Good                               |
| <del>8.</del>  | 88 - 95             | 07                 | Good                               |
| <del>9.</del>  | 100 - 107           | 07                 | Good                               |
| <del>10.</del> | 112 - 116           | 04                 | Good                               |
| <del>11.</del> | 134 - 141           | 07                 | Good                               |
| <del>12.</del> | 145 - 149           | 04                 | Good                               |

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 11 is highly intermixed with fine band of kankar.

Verified upper logs provided

G.Sh  
31/05/23

For Geo Instruments & Technic's

*(Signature)*  
(S. Shukla)