

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:23-24:LS: 428

Dated: 25-07-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Prithvipur**  
 Block: **Dudahi**  
 District: **Kushi Nagar**  
 State: **Uttar Pradesh**  
 Drilling depth: **132.0 mgl**  
 Logging depth: **130.0 mgl**  
 Date of logging: **25-07-2022**

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>	<del>20-24</del>	<del>04</del>	<del>Good</del>
<del>2.</del>	<del>30-40</del>	<del>10</del>	<del>Good</del>
<del>3.</del>	<del>45-48</del>	<del>03</del>	<del>Good</del>
<del>4.</del>	<del>52-59</del>	<del>07</del>	<del>Good</del>
<del>5.</del>	<del>65-76</del>	<del>11</del>	<del>Good</del>
<del>6.</del>	<del>84-87</del>	<del>03</del>	<del>Good</del>
7.	96-100	04	Good
<del>8.</del>	<del>105-112</del>	<del>07</del>	<del>Good</del>
<del>9.</del>	<del>120-124</del>	<del>04</del>	<del>Good</del>

Note: 1. Fine bands of Kankar are Intermixed with almost all the zones.

2. Zone Sl. No. 4 is highly Intermixed with fine bands of kankar.

3. Zone Sl. No. 7 & 8 are highly kankar intermixed.

*Verified as per logs provided.*  
*A. Sh*

For Geo Instruments & Technic's

*S. Shukla*  
 (S. Shukla)