

# 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:22-23:LS:1K- 49  
 Dated: 28-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Dharampur Parvat  
 Block: Dudhai  
 District: Kushi Nagar  
 State: Uttar Pradesh  
 Drilling depth: 160.0 m bgl  
 Logging depth: 160.0 m bgl  
 Date of logging: 28-12-2022  
 Rm - 18.0  $\Omega$ m Rw - 20.0  $\Omega$ m

Borewell Drilled By: M/s NCC Limited, Kushi Nagar, Uttar Pradesh 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.	30 - 40	10	Good
2.	43 - 47	04	Good
3.	60 - 72	12	Good
4.	100 - 104	04	Good
5.	109 - 115	06	Good
6.	119 - 123	04	Good
7.	143 - 150	07	Good
8.	155 - 159	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones

2. Zone Sl. No. 6 and 8 are fine to medium sand in nature.

*Verified as per logs provided.  
 Note - S0102 and 4 have finer sediments*

*G.Sh  
 29/12/22*

For Geo Instruments & Technic's

*S. Shukla*  
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