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# 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: PJM:22-23:LS:1K- 535

Dated: 17-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhainsahi  
Block: Motichak  
District: Kushi Nagar  
State: Uttar Pradesh  
Drilling Depth: 160.0 m bgl  
Logging Depth: 153.0 m bgl  
Date of logging: 17-02-2023  
Rm - 19.0  $\Omega$ m Rw - 18.0  $\Omega$ m

Borehole Drilled by: M/s NCC Limited, Kushi Nagar, Uttar Pradesh.

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 (meter)	Remark (Quality of Aquifer Water)
1.	27 - 34	07	Good
2.	37 - 41	04	Good
3.	47 - 51	04	Good
4.	57 - 64	07	Good
5.	69 - 73	04	Good
6.	82 - 88	04	Good
7.	93 - 103	10	Good
8.	116 - 120	04	Good
9.	130 - 133	03	Good
10.	146 - 153	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 7 is highly intermixed with fine bands of kankar.

*Verified as per logs provided.*

*gsm  
17/02/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)