

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP:22-23:LS: 920  
Dated: 14-12-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mithaha Mafi**  
Block: **Padrauna**  
District: **Kushi Nagar**  
State: **Uttar Pradesh**  
Drilling depth: **158.0 m bgl**  
Logging depth: **155.0 m bgl**  
Date of logging: **13-11-2022**  
Rm - **19.0 Ωm** Rw - **21.0 Ωm**

Tubewell Drilled By: **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 (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	30 - 34	04	Good
<del>2.</del>	43 - 50	07	Good
<del>3.</del>	53 - 60	07	Good
<del>4.</del>	65 - 69	04	Good
<del>5.</del>	72 - 75	03	Good
<del>6.</del>	79 - 82	03	Good
<del>7.</del>	85 - 90	05	Good
<del>8.</del>	95 - 98	03	Good
<del>9.</del>	115 - 119	04	Good
<del>10.</del>	127 - 131	04	Good
<del>11.</del>	140 - 144	04	Good
<del>12.</del>	151 - 154	03	Good

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

2. Zone Sl. No. 5 is Medium Sand in Nature.

3. Zone Sl. No. 8 & 12 are fine sand in Nature.

Verified as per logs provided.  
Note - Sr No 6-78-82 (4m)  
Sr No 8-95-99 (4m)

For Geo Instruments & Technic's

*S. Shukla*  
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