

# 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:21-22:LS: 223  
 Dated: 21-02-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Basdlla Khurd  
 Block: Sewarahi  
 District: Kushinagar  
 State: Uttar Pradesh  
 Drilling depth: 132.0 m bgl  
 Logging depth: 130.0 m bgl  
 Date of logging: 21-02-2022  
 Rm - 16.0  $\Omega$ m Rw - 20.0  $\Omega$ m

Name of Project: Under Jal Jeewan Mission Programme.  
 Tubewell Drilled By: NCC Limited, Kushinagar, 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:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	15 - 34	19	Good
<del>2.</del>	44 - 47	03	Good
<del>3.</del>	51 - 64	13	Good
<del>4.</del>	67 - 73	06	Good
<del>5.</del>	80 - 90	10	Good
<del>6.</del>	94 - 99	05	Good
<del>7.</del>	112 - 115	03	Good
<del>8.</del>	120 - 129	09	Good

Note: 1. Zone Sl. No. 2 & 7 are Fine Sand in nature.  
 2. Zone Sl. No. 5 & 6 are Intermixed with Kankar.

For Geo Instruments & Technic's

*S. Shukla*  
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*Verified as per logs provided.*  
*Note - Sr No 7 should be avoided as it is in transition zone.*  
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