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# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref GIT-UP: PJM:23-24:LS: 6130

Dated: 20-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sampur Hatwa  
 Block: Padrauna  
 District: Kushi Nagar  
 State: Uttar Pradesh  
 Date of Logging: 20-06-2023  
 Drilling Depth: 158.0 m bgl  
 Logging Depth: 157.0 m bgl  
 Rm - 17.0 Ωm Rw - 14.0 Ωm

Borehole Drilled by: M/s NCC Limited Kushi Nagar, U. P.

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	22 - 26	04	Good
<del>2</del>	<del>30 - 36</del>	<del>06</del>	<del>Good</del>
<del>3</del>	<del>40 - 47</del>	<del>07</del>	<del>Good</del>
<del>4</del>	<del>58 - 65</del>	<del>07</del>	<del>Good</del>
5	78 - 82	04	Good
<del>6</del>	<del>93 - 100</del>	<del>07</del>	<del>Good</del>
<del>7</del>	<del>103 - 113</del>	<del>10</del>	<del>Good</del>
<del>8</del>	<del>136 - 143</del>	<del>07</del>	<del>Good</del>
<del>9</del>	<del>152 - 156</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.

*Verified as per logs provided*

*G. Sh  
21/06/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)