

# 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:23-24:LS: 670

Dated: 07-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kamupur  
 Block: Barachoaur  
 District: Ghazipur  
 State: Uttar Pradesh  
 Date of Logging: 06-06-2023  
 Drilling depth: 335.0 m bgl  
 Logging Depth: 334.0 m bgl  
 Rm - 13.0  $\Omega$ m Rw - 140.0  $\Omega$ m

Borehole Drilled by: M/s VSAIPPL-SCL (JV), Ghazipur, U. P. 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)
<del>1.</del>	<del>24 - 28</del>	<del>04</del>	<del>Good</del>
<del>2.</del>	<del>63 - 67</del>	<del>04</del>	<del>Good</del>
<del>3.</del>	<del>86 - 90</del>	<del>04</del>	<del>Good</del>
<del>4.</del>	<del>106 - 110</del>	<del>04</del>	<del>Good</del>
<del>5.</del>	<del>126 - 136</del>	<del>10</del>	<del>Good</del>
6.	165 - 169	04	Good
<del>7.</del>	<del>174 - 178</del>	<del>04</del>	<del>Good</del>
<del>8.</del>	<del>184 - 188</del>	<del>04</del>	<del>Good</del>
<del>9.</del>	<del>258 - 262</del>	<del>04</del>	<del>Moderate</del>
<del>10.</del>	<del>278 - 281</del>	<del>03</del>	<del>Moderate</del>
<del>11.</del>	<del>316 - 320</del>	<del>04</del>	<del>Moderate</del>
<del>12.</del>	<del>325 - 329</del>	<del>04</del>	<del>Moderate</del>

166-169  
(3m)

Note: 1. Fine bands of kankar are intermixed with almost all the zones.  
 2. Zone Sl. No. 9 to 12 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

  
 (S. Shukla)

G. S. S.  
 07/06/23