

# 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: 798

Dated: 17-06-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Piparpati Khurd  
Block: Ruthauli  
District: Basti  
State: Uttar Pradesh  
Date of Logging: 17-06-2023  
Drilling Depth: 132.0 m bgl  
Logging Depth: 125.0 m bgl  
Rm - 13.0 Qm Rw - 25.0 Qm

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.  
Basti, 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.	17 - 21	04	Good
<del>2.</del>	<del>27 - 31</del>	<del>04</del>	<del>Good</del>
3.	34 - 37	03	Good
4.	41 - 47	06	Good
5.	50 - 54	04	Good
<del>6.</del>	<del>58 - 65</del>	<del>07</del>	<del>Good</del>
<del>7.</del>	<del>73 - 83</del>	<del>10</del>	<del>Good</del>
<del>8.</del>	<del>95 - 99</del>	<del>04</del>	<del>Good</del>
<del>9.</del>	<del>105 - 109</del> 108	<del>04</del> 03	Good
<del>10.</del>	<del>114 - 118</del>	<del>04</del>	<del>Good</del>
11.	122 - 125	03	Good

Note: Fine bands of kankar are intermixed with almost all the zones.

Verified as per logs provided

G.Sh  
17/06/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)