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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: PJM:21-22:LS:16
Dated: 25-10-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

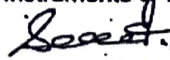
Site: Koluha
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 24-10-2021
Drilling depth: 230.0 m bgl
Logging Depth: 225.0 m bgl
Borehole Drilled by: M/s PNC Infratech.
Rm - 09.0 Ω M Rw - 19.0 Ω M

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Natural Gamma Ray, geophysical logs following informations/granular zones have been deciphered:

Sl. No.	Depth Range (mbgl)	Thickness (meters)	Inferred lithology	Remarks (Quality of aquifer water)
1.	25 - 43	18	Fine to medium Sand	Good
2.	70 - 74	04	Clay	
3.	74 - 83	09	Sand	Good
4.	83 - 88	05	Clay	
5.	88 - 98	10	Fine Sand	Good
6.	100 - 106	06	Sand	Good
7.	119 - 123	04	Prominent Clay	
8.	123 - 126	03	Sand	Good
9.	126 - 134	08	Prominent Clay	
10.	134 - 145	11	Sand	Good
11.	145 - 151	06	Prominent Clay	
12.	154 - 169	15	Sand	Good
13.	175 - 185	10	Sand	Good
14.	189 - 194	05	Sand	Good
15.	194 - 201	07	Fine Sand & Sandy Clay	Good
16.	201 - 210	09	Sand	Good
17.	214 - 217	03	Sand	Good
18.	220 - 224	04	Sand	Good

Note: 1. Fine Bands of Kankar are Intermixed in almost all the Zones.

For Geo Instruments & Technic's


(S. Shukla)

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