

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:21-22:LS: 51

Dated: 05-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Raydeeh**
Block: **Payagpur**
District: **Bahraich**
State: **Uttar Pradesh**
Date of logging: **03-12-2021**
Drilling depth: **225.0 m bgl**
Logging Depth: **218.0 m bgl**
Rm – **12.0 Ω m** Rw – **17.0 Ω m**

Borehole Drilled by: **M/s PNC Infratech.**

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 (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	15 – 27	12	Fine Sand	Good
2.	27 – 39	12	Sand	Good
3.	39 – 44	05	Prominent Clay	
4.	44 – 55	11	Sand	Good
5.	55 – 60	05	Sandy Clay	
6.	60 – 75	15	Sand	Good
7.	75 – 80	05	Prominent Clay	
8.	80 – 92	12	Sand	Good
9.	92 – 98	06	Prominent Clay	
10.	98 – 105	07	Sand	Good
11.	105 – 111	06	Prominent Clay	
12.	111 – 115	04	Sand	Good
13.	115 – 121	06	Prominent Clay	
14.	121 – 128	07	Sand	Good
15.	128 – 130	02	Sandy Clay	
16.	130 – 133	03	Sand	Good
17.	133 – 144	11	Sandy Clay	
18.	144 – 150	06	Sand	Good
19.	150 – 155	05	Prominent Clay	
20.	155 – 173	18	Sand intermixed with Kankar	Good

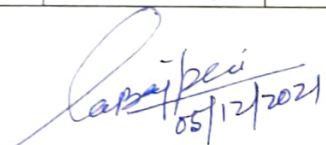

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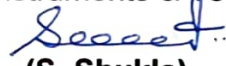
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21.	173 – 178	05	Fine Sand	Good
22.	178 – 185	07	Sandy Clay	
23.	185 – 191	06	Prominent Clay	
24.	191 – 196	05	Fine to Medium Sand	Good
25.	196 – 199	03	Sandy Clay	
26.	199 – 210	11	Fine to medium Sand intermixed with Kankar	Good
27.	210 – 218	08	Sandy Clay	


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For Geo Instruments & Technic's


(S. Shukla)