

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: 52

Dated: 05-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Jihuri Maafi
Block: Tajwapur
District: Bahraich
State: Uttar Pradesh
Date of logging: 03-12-2021
Drilling depth: 332.0 m bgl
Logging Depth: 323.0 m bgl
Rm - 13.0 Ω m Rw - 16.0 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 - 39	24	Sand	Good
2.	39 - 43	04	Sandy Clay	
3.	43 - 69	26	Sand	Good
4.	69 - 78	09	Prominent Clay	
5.	78 - 92	14	Sandy Clay	
6.	92 - 120	28	Sand intermixed with Kankar	Good
7.	120 - 135	15	Clay	
8.	135 - 182	47	Sand	Good
9.	182 - 189	07	Sandy Clay	
10.	189 - 216	27	Sand	Good
11.	216 - 220	04	Prominent Clay	
12.	220 - 223	03	Sand	Good
13.	223 - 235	12	Prominent Clay	
14.	235 - 242	07	Sand	Good
15.	242 - 254	12	Prominent Clay	
16.	254 - 260	06	fine to medium Sand	Good
17.	260 - 273	13	Sand	Good
18.	273 - 276	03	Clay	
19.	276 - 285	09	Sand	Good
20.	285 - 290	05	Prominent Clay	

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