

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: 40

Dated: 28-11-2021

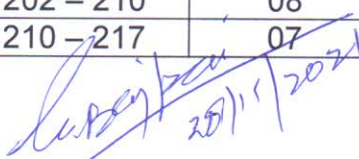
GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Khajuri**
Block: **Payagpur**
District: **Bahraich**
State: **Uttar Pradesh**
Date of logging: **28-11-2021**
Drilling depth: **225.0 m bgl**
Logging Depth: **217.0 m bgl**
Rm – **11.0 Ω m** Rw – **20.0 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.	05 – 15	10	Surface Soil	
2.	15 – 87	72	Sand intermixed with Kankar	Good
3.	87 – 105	18	Prominent Clay	
4.	105 – 109	04	Fine Sand	Good
5.	109 – 114	05	Clay	
6.	114 – 125	11	Sand	Good
7.	125 – 135	10	Prominent Clay	
8.	135 – 142	07	Fine to Medium Sand intermixed with Kankar	Good
9.	142 – 150	08	Sand	Good
10.	150 – 160	10	Clay	
11.	160 – 168	08	Sand	Good
12.	168 – 172	04	Sandy Clay	
13.	172 – 175	03	Sand	Good
14.	175 – 184	09	Prominent Clay	
15.	184 – 202	18	Sand	Good
16.	202 – 210	08	Prominent Clay	
17.	210 – 217	07	Sand	Good


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