

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: 62

Dated: 10-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Padi
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 09-12-2021
Drilling depth: 228.0 m bgl
Logging Depth: 226.0 m bgl
Rm - 22.5 Ω m Rw - 32.0 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 Lateral 6', 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 - 30	15	Sand	Good
3.	30 - 36	06	Sandy Clay	
4.	36 - 41	05	Sand	Good
5.	41 - 46	05	Clay	
6.	46 - 51	05	Sand	Good
7.	51 - 65	14	Sand Clay intercalation	
8.	65 - 72	07	Fine Sand	Good
9.	72 - 75	03	Sand	Good
10.	75 - 80	05	Clay	
11.	80 - 86	06	Sand	Good
12.	86 - 100	14	Very Fine Sand with Clay intercalation	Good
13.	100 - 106	06	Sand	Good
14.	106 - 116	10	Prominent Clay	
15.	116 - 127	11	Sand intermixed with kankar	Good
16.	127 - 133	06	Prominent Clay	


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