

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: 87

Dated: 19-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Parna
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 18-12-2021
Drilling depth: 228.0 m bgl
Logging Depth: 225.0 m bgl
Rm - 32.0 Ω m Rw - 38.0 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 - 25	10	Sandy Clay	
3.	25 - 38	13	Fine to Medium Sand intermixed with Kankar	Good
4.	38 - 43	05	Sandy Clay	
5.	43 - 58	15	Fine to Medium Sand intermixed with Kankar	Good
6.	58 - 68	10	Sand intermixed with Kankar	Good
7.	68 - 72	04	Sandy Clay	
8.	72 - 105	33	Fine to Medium Sand intermixed with Kankar	Good
9.	105 - 111	06	Sandy Clay	
10.	111 - 130	19	Fine to Medium Sand intermixed with kankar	Good
11.	130 - 138	08	Sandy Clay	
12.	138 - 153	15	Sand intermixed with Kankar	Good

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