

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: 34

Dated: 08-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

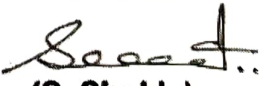
Site: Sultanpur
Block: Visheshwarganj
District: Bahraich
State: Uttar Pradesh
Date of logging: 07-12-2021
Drilling depth: 235.0 m bgl
Logging Depth: 228.0 m bgl
Rm - 17.0 Ω m Rw - 9.2 Ω m

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 - 57	42	Sand intermixed with Kankar	Good
3.	57 - 85	28	Sand	Good
4.	85 - 90	05	Clay	
5.	90 - 97	07	Fine Sand	Good
6.	97 - 106	09	Prominent Clay	
7.	106 - 114	08	Sandy Clay	
8.	114 - 125	11	Sand	Good
9.	125 - 135	10	Prominent Clay	
10.	135 - 158	23	Sand	Good
11.	158 - 171	13	Prominent Clay	
12.	171 - 176	05	Fine Sand	Good
13.	176 - 182	06	Sand	Good
14.	182 - 190	08	Sandy Clay	
15.	190 - 199	09	Sand	Good
16.	199 - 210	11	Prominent Clay	
17.	210 - 219	09	Sand	Good
18.	219 - 224	05	Sandy Clay	
19.	224 - 228	04	Sand	Good

For Geo Instruments & Technic's


(S. Shukla)