

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref: GIT/UP: PJM:21-22:LS: 77
Dated: 16-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Hardal
Block: Visheshwarganj
District: Bahraich
State: Uttar Pradesh
Date of logging: 15-12-2021
Drilling depth: 225.0 m bgl
Logging Depth: 223.0 m bgl
Rm - 14.0 Ω m Rw - 13.5 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.	5 - 15	10	Surface Soil	-
2.	15 - 18	03	Clay	
3.	18 - 30	12	Sand	Good
4.	30 - 43	13	Prominent Clay	
5.	43 - 53	10	Sand	Good
6.	53 - 65	12	Sandy Clay intermixed with Kankar	
7.	65 - 72	07	Sandy Clay	
8.	72 - 76	04	Sand	Good
9.	76 - 80	04	Sandy Clay	
10.	80 - 86	06	Prominent Clay	
11.	86 - 96	10	Fine Sand intermixed with Kankar	Good
12.	96 - 100	04	Sandy Clay	
13.	100 - 109	09	Sand	Good
14.	109 - 113	04	Sandy Clay	
15.	113 - 119	06	Sand	Good
16.	119 - 122	03	Sandy Clay	
17.	122 - 132	10	Sand	Good


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