

Mobile : + 91 - 9415141232
E-mail : geo.instruments.technic@gmail.com

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: 26
Dated: 08-12-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhelbhariya
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 07-12-2021
Drilling depth: 225 m bgl
Logging Depth: 225 m bgl
Rm - 21.0ΩM Rw - 18.0ΩM

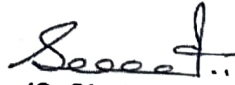
Borehole Drilled by: M/s PNC Infratech.

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:

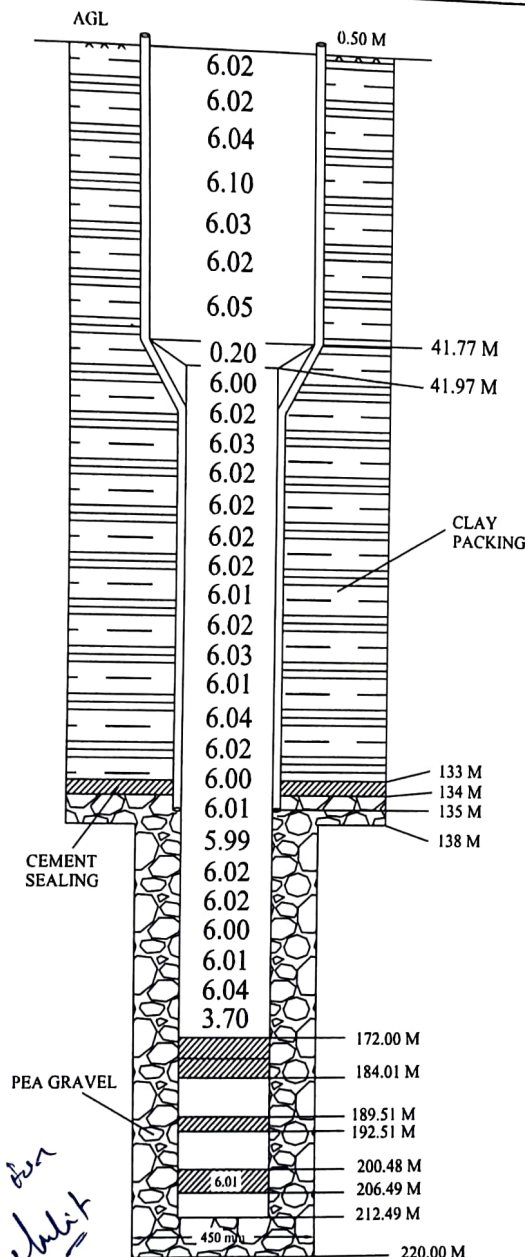
Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	30 - 40	10	Sand
2.	58 - 70	12	Mix Zone
3.	72 - 75	03	Clay
4.	76 - 87	11	Sand
5.	88 - 95	07	Prominent Clay
6.	102 - 104	02	Sand
7.	105 - 108	03	Clay
8.	110 - 119	09	Sand
9.	123 - 129	06	Sand
10.	130 - 135	05	Prominent Clay
11.	139 - 147	08	Sand
12.	150 - 156	06	Sand
13.	160 - 166	06	Sand
14.	166 - 170	04	Clay
15.	171 - 185	14	Sand
16.	189 - 193	04	Sand
17.	193 - 196	03	Clay
18.	200 - 209	09	Sand
19.	214 - 220	06	Sand

Note: Fine Bands of Kankar are intermixed almost all the zones.

For Geo Instruments & Technic's


(S. Shukla)

ACTUAL T.W. ASSEMBLY CHART OF BELBHARIYA W/S SCHEME BAHAIRACH UNDER JAL JEEVAN MISSION



Bore Size = 600 mm X 450 mm
T.W. Assy - 300 mm X 150 mm
Discharge - 750 LPM/39/12.50

Logging Report (10-11-2021)

- 1- 30-40M-10M
- 2- 58-70M-12M
- 3- 76-87M-11M
- 4- 102-104M-2M
- 5- 105-108M-3M
- 6- 110-119M-9M
- 7- 123-129M-6M
- 8- 139-147M-8M
- 9- 150-156M-6M
- 10- 160-166M-6M
- 11- 171-185M-14M
- 12- 189-193M-4M
- 13- 200-209M-9M
- 14- 214-220-6M

Clay Zone

- 1- 72-75M-3M
- 2- 88-95M-7M
- 3- 130-135M-5M
- 4- 166-170M-4M
- 5- 193-196M-3M

TOTAL = 212.49 + 0.50 (AGL)
= 212.99 M

PNC-SPML JV
PNC Tower 3/22 - D
CIVIL LINE
Agra



JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

Site Office : PNC - SPML (JV), H.No. 141, Behind Panchwati Hotel Near Durga Mandir Hanuman Colony, Sufipura, Bhaairach, UP, PIN-271801
Mob. No. +91-9267933270, Email : gmwp@pncinftratech.com

Head Office : PNC Infratech Limited (Lead Member of PNC - SPML JV), PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra, UP, PIN-282002
Tel : 91-562-4070000 (30 Lines), 91-562-4054400 (30 Lines), Email : ho@pncinftratech.com