

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: []

Dated: 16-10-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Piprapadarath**
Block: **Payagpur**
District: **Bahraich**
State: **Uttar Pradesh**
Date of logging: **15-10-2021**
Drilling depth: **225.0 m bgl**
Logging Depth: **220.0 m bgl**
Borehole Drilled by: **M/s PNC Infratech.**
Rm – **11.0 Ω m** Rw – **19.0 Ω m** **GG.**

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 (meters)	Remarks (Quality of aquifer water)
1.	26 – 45	29	Good
2.	66 – 84	18	Good
3.	92 – 100	08	Good
4.	110 – 121	11	Good
5.	130 – 136	06	Good
6.	141 – 159	18	Good
7.	170 – 190	20	Good
8.	205 – 212	07	Good

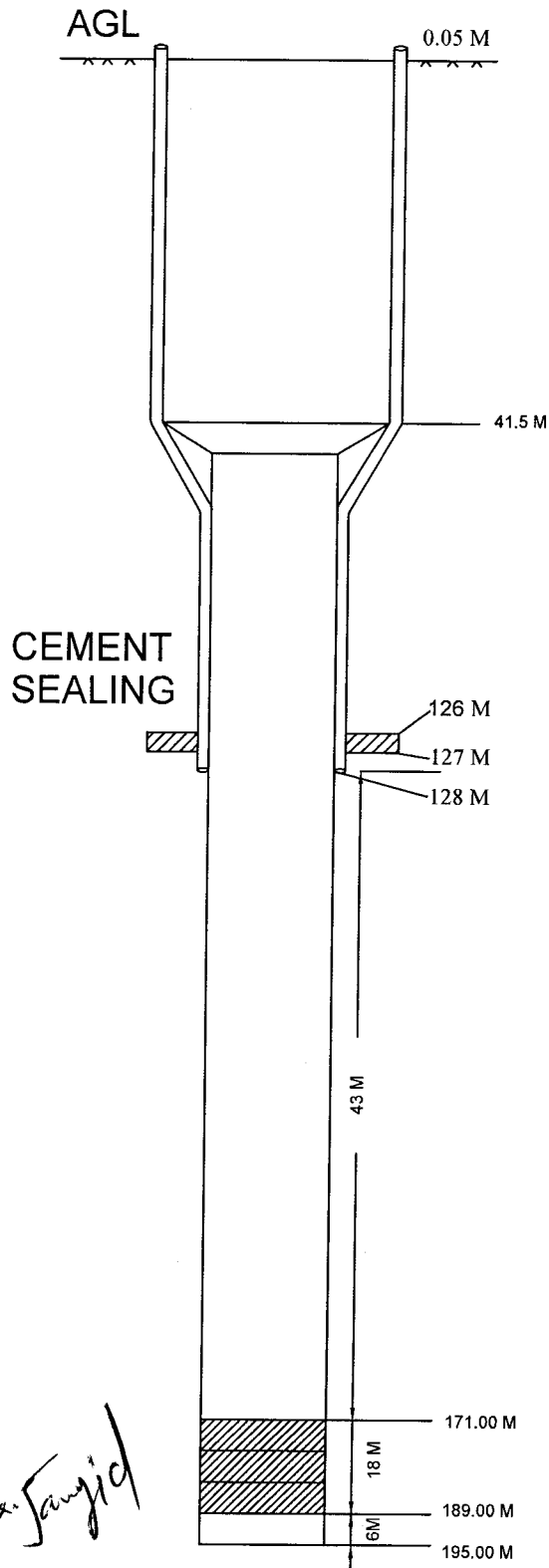
Note: 1. Zones Sl. No. 5 and 8 are fine Sand.

2. Fine Bands of Kankar are intermixed with Zones Sl. No. 6 to 8.

For Geo Instruments & Technic's


(S. Shukla)

**PROPOSED T.W. ASSEMBLY CHART OF PIPRAPADARATH W/S SCHEME BAHARAICH
UNDER JAL JEEVAN MISSION**



**T.W.Assy - 200 mm X 150 mm
Discharge - 450 LPM**

Logging Report (15-10-2021)

- 1- 26-45M-29M
- 2- 66-84M-18M
- 3- 92-100M-8M
- 4- 110-121M-11M
- 5- 130-136M-6M
- 6- 141-159M-18M
- 7- 170-190M-20M
- 8- 205M-212M-7M

Clay Zone

- 1- 20-24M-4M
- 2- 85-91M-6M
- 3- 101-109M-8M
- 4- 123-128M-5M

S. K. Jangid

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



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ASSISTANT ENGINEER

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