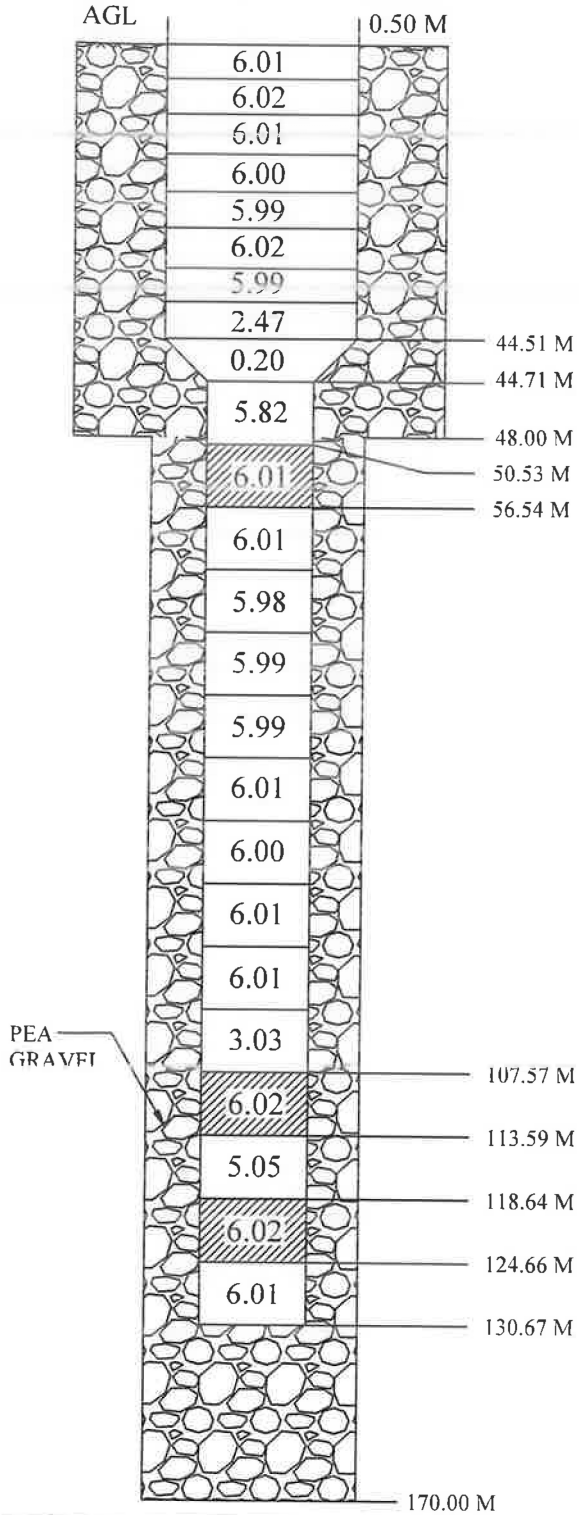




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS	BLOCK : MASAUJI
NAME OF SITE : CHILAUJI	DISTRICT : BARABANKI
NAME OF COMPANY : PNC-SPML JV	



1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm
3.	DRILLING DEPTH	170 m
4.	LOGGING DEPTH	160 m
5.	DATE OF LOGGING	17-04-2023
6.	DATE OF LOWERING	20-04-2023
7.	REQUIRED DISCHARGE	120 LPM

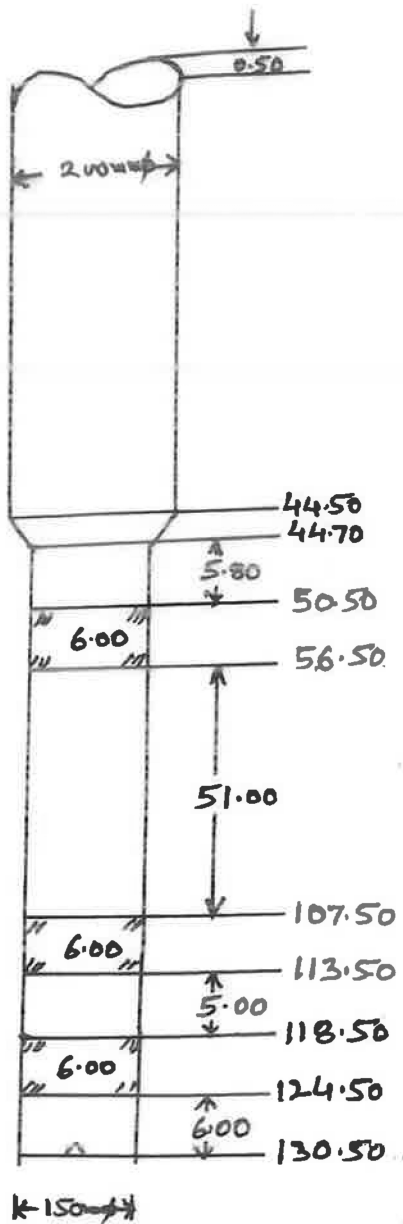
LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	21-28	7	GOOD
2.	36-46	10	GOOD
3.	50-57	7	GOOD
4.	61-65	5	GOOD
5.	82-86	4	GOOD
6.	90-94	4	GOOD
7.	107-114	7	GOOD
8.	118-125	7	GOOD
9.	139-149	10	GOOD
10.	154-158	4	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 mm PLAIN PIPE	45.01
2.	TOTAL 150 mm PLAIN PIPE	68.11
3.	TOTAL 150 mm SLOTTED PIPE	18.05
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	131.17
6.	AGL	0.50
7.	BGL	130.67

 PREPARED BY PNC-SPML JV V. Lal BARABANKI	 CHECKED BY JUNIOR ENGINEER	 RECOMMENDED BY ASSISTANT ENGINEER	 APPROVED BY EXECUTIVE ENGINEER
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Proposed 3D Assembly chart of chilauki w/s scheme block Masauli distt Barabanki



- 1 - Discharge 120 LPM
 - 2 - Motor HP 35 HP
 - 3 - Assembly size - 200x150mm
 - 4 - Bore dia = 500x450mm
 - 5 - Logging Report dt-17-4-23
-
- 1 - 21 - 28 = 7
 - 2 - 36 - 46 = 10
 - 3 - 50 - 57 = 7 - 6
 - 4 - 61 - 65 = 4
 - 5 - 68 - 72 = 4] - 3
 - 6 - 82 - 86 = 4] - 3
 - 7 - 90 - 94 = 4
 - 8 - 107 - 114 = 7] - 6
 - 9 - 118 - 125 = 7] 6
 - 10 - 139 - 149 = 10
 - 11 - 154 - 158 = 4

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:23-24:LS: 207

Dated: 18-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Chilauki**
Block: **Masauli**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **17-04-2023**
Logging Depth: **160.0 m bgl**
Drilling Depth: **170.0 m bgl**
Rm - ~~12.0 Ω m~~ Rw - ~~11.0 Ω m~~

Borehole Drilled by: M/s PNC infratech Ltd., Barabanki, U.P., India.

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 with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	21 - 28	07	Good
2.	36 - 46	10	Good
3.	50 - 57	07	Good
4.	61 - 65	04	Good
5.	68 - 72	04	Good
6.	82 - 86	04	Good
7.	90 - 94	04	Good
8.	107 - 114	07	Good
9.	118 - 125	07	Good
10.	139 - 149	10	Good
11.	154 - 158	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 2, 3 & 10 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

*G. Sh
19/04/23*