

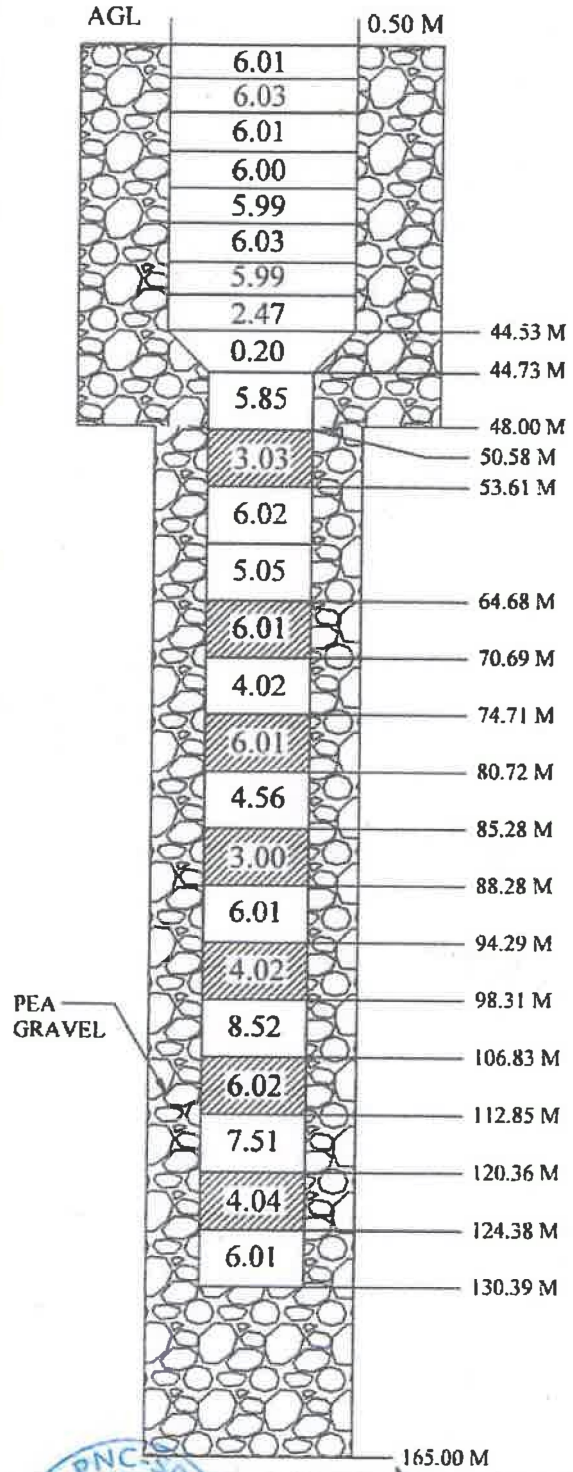


SPML

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : SHAHABPUR
 NAME OF COMPANY : PNC-SPML JV

BLOCK : BANKI
 DISTRICT : BARABANKI



1.	BORE SIZE	600 X 450 mm
2.	ASSEMBLY SIZE	300 X 150 mm
3.	DRILLING DEPTH	165 m
4.	LOGGING DEPTH	165 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.	19-25	6	GOOD
2.	36-46	10	GOOD
3.	50-54	4	GOOD
4.	64-71	7	GOOD
5.	74-81	7	GOOD
6.	85-88	3	GOOD
7.	94-98	4	GOOD
8.	106-113	7	GOOD
9.	120-124	4	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.03
2.	TOTAL 150 mm PLAIN PIPE	53.73
3.	TOTAL 150 mm SLOTTED PIPE	32.13
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	130.89
6.	AGL	0.50
7.	BGL	130.39

PEA GRAVEL

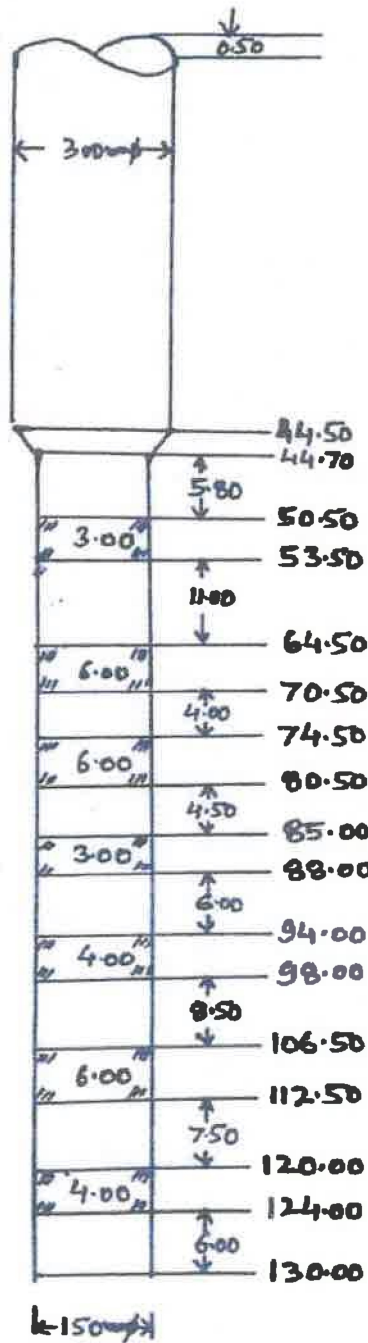


CHECKED BY
 JUNIOR ENGINEER

RECOMMENDED BY
 ASSISTANT ENGINEER

APPROVED BY
 EXECUTIVE ENGINEER

Proposed Tw Assembly chart of Shahabpur w/s scheme block - Banki Distt - Barabanki



- 1- discharge = 990 LPM
- 2- Motor HP = 20HP
- 3- Assembly size = 300x150mm
- 4- Bore ϕ 600 x 450 mm
- 5- Logging Report 18-4-23

- 1- 19-25 = 6
- 2- 36-46 = 10
- 3- 50-54 = 4 - 3
- 4- 64-71 = 7 - 6
- 5- 74-81 = 7 - 6
- 6- 85-88 = 3 - 3
- 7- 94-98 = 4 - 4
- 8- 106-113 = 7 - 6
- 9- 120-124 = 4 - 4



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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: 215

Dated: 19-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Shahab Pur**
Block: **Banki**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **18-04-2023**
Logging Depth: **165.0 m bgl**
Drilling Depth: **165.0 m bgl**
Rm - 21.0 Qm Rw - 16.0 Qm

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.	19 - 25	06	Good
2.	36 - 46	10	Good
3.	50 - 54	04	Good
4.	64 - 71	07	Good
5.	74 - 81	07	Good
6.	85 - 88	03	Good
7.	94 - 98	04	Good
8.	106 - 113	07	Good
9.	120 - 124	04	Good

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

2. Zones Sl. No. 2, 7 & 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided

9/2/2023

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)