

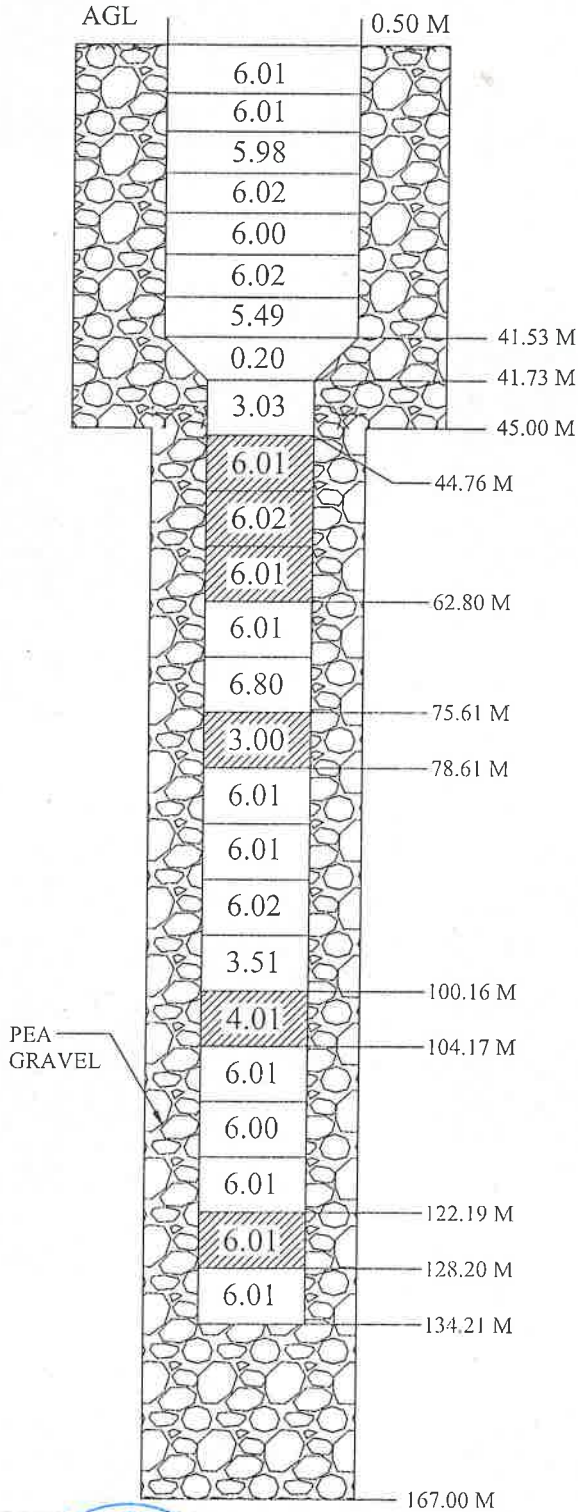


SPML

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : TINDAUNI
 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	167.00 m
4.	LOGGING DEPTH	162.00 m
5.	DATE OF LOGGING	18-06-2023
6.	DATE OF LOWERING	19-06-2023
7.	REQUIRED DISCHARGE	660 LPM

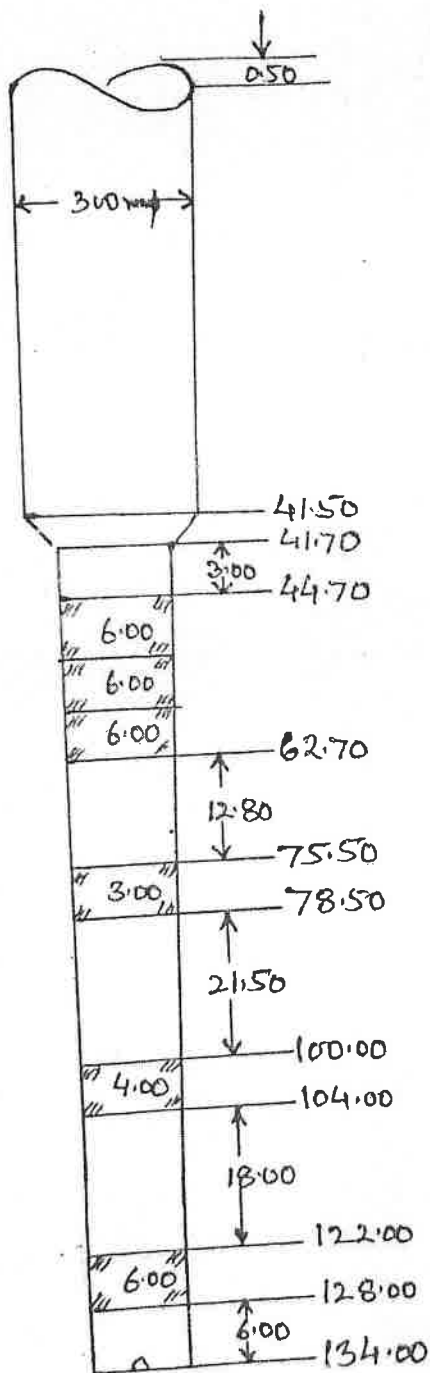
LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	10-16	6	GOOD
2.	39-63	23	GOOD
3.	75-94.5	19.5	GOOD
4.	100-104	4	GOOD
5.	120-133.5	13.5	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	42.03
2.	TOTAL 150 mm PLAIN PIPE	61.62
3.	TOTAL 150 mm SLOTTED PIPE	31.06
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	134.71
6.	AGL	0.50
7.	BGL	134.21

			
PREPARED BY PNC-SPML JV BANKI	CHECKED BY JUNIOR ENGINEER	RECOMMENDED BY ASSISTANT ENGINEER	APPROVED BY EXECUTIVE ENGINEER

Proposed TW Assembly chart of Tindiani w/s scheme block Banki Distt -
Bara Banki



- 1 - Discharge - 660 LPM
- 2 - Motor HP - 12.5 HP
- 3 - Assembly size = 300 x 150
- 4 - Base ϕ = 600 x 450 mm
- 5 - Logging Report dt - 18-6-23

- ⑩ - 4 - 39 - 63 = 24 Medium to fine sand
- ④ - 6 - 75 - 79 = 4 Fine grain
- ④ - 8 - 100 - 104 = 4 Fine grain
- ⑥ - 10 - 120 - 133.5 = 13.5 Fine grain



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	TINDUANI	DATE OF LOGGING:	18.06.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	162.00 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.532 ohm/m	Rw	0.485 ohm/m
DISTRIC	BARABANKI		

AQUIFER:-
The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-
The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark (Quality of Aquifer Water)
	From (m)	To (m)			
1	0	10	10	Top Soil	
2	10	16	6	Medium to fine grain sand	Good
3	16	39	23	Clay with sand	
4	39	63	24	Medium to fine grain sand	Good
5	63	75	12	Clay with sand	
6	75	94.5	19.5	Fine grain sand with kankar	Good
7	94.5	100	5.5	Clay with sand	
8	100	104	4	Fine grain sand	Good
9	104	120	16	Sandy clay	
10	120	133.5	13.5	Fine grain sand with kankar	Good
11	133.5	162	28.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with high band of kankar

Verified as per logs provided

For Mining Associates Pvt. Ltd.

B. Bhaskar Rao
Geophysicist

cc;

1. Executive Engineer, C.D. (Rural), U.P. Jal Nigam, Ayodhya
2. M/S PNC Infratech Limited, Barabanki

NOTE: Sr No 6 (4m) - Sand
rest is Kankar / fine sediments
Sr No 10 - highly Kankar intermixed.

GSR
18/06/23