

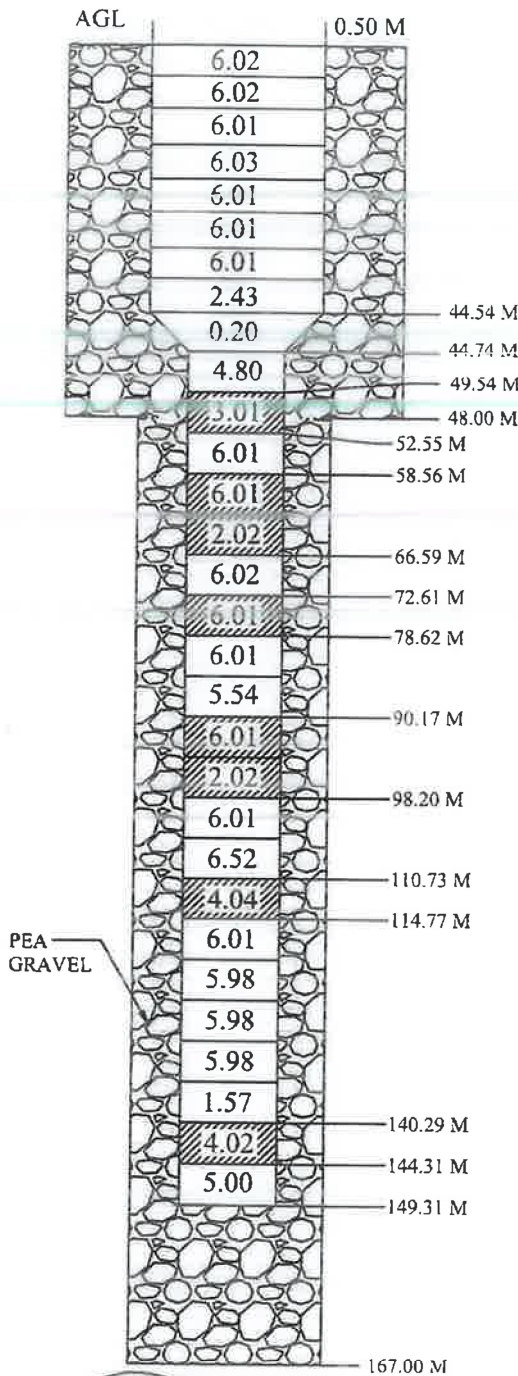


### STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

SPML

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

BLOCK : HAKKH  
 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	163.00 m
5.	DATE OF LOGGING	04-06-2023
6.	DATE OF LOWERING	06-06-2023
7.	REQUIRED DISCHARGE	940 LPM

#### LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	6-16.5	10.5	GOOD
2.	34-41	7	GOOD
3.	49-53.5	4.5	GOOD
4.	58.5-66.5	8	GOOD
5.	72.5-80	7.5	GOOD
6.	90-98	8	GOOD
7.	110.5-114.5	4	GOOD
8.	140-144	4	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.04
2.	TOTAL 150 mm PLAIN PIPE	71.63
3.	TOTAL 150 mm SLOTTED PIPE	33.14
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	149.81
6.	AGL	0.50
7.	BGL	149.31

 PREPARED BY PNC-SPML JV BARABANKI	 CHECKED BY JUNIOR ENGINEER	 RECOMMENDED BY ASSISTANT ENGINEER	 APPROVED BY EXECUTIVE ENGINEER
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**MINING ASSOCIATES PVT. LTD.**

**GEOPHYSICAL DIGITAL LOGGING REPORT**

SITE:	TAMARSEPUR	DATE OF LOGGING:	09.06.2023
BLOCK:	HARAKH	DRLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.00M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Res	0.516 ohm/m	Rw	0.475 ohm/m
DISTRICT:	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	6	6	Top Soil	
2	6	16.5	10.5	Medium grain sand	Good
3	16.5	34	17.5	Clay with sand	
4	34	41	7	Medium grain sand	Good
5	41	49	8	Sandy Clay	
6	49	53.5	4.5	Fine grain sand	Good
7	53.5	58.5	5	Clay with sand	
8	58.5	66.5	8	Medium to fine grain sand	Good
9	66.5	72.5	6	Clay with sand	
10	72.5	80	7.5	Medium to fine grain sand	Good
11	80	89	9	Clay with sand	
12	89	98	9	Fine grain sand	Good
13	98	110.5	12.5	Clay with sand	
14	110.5	114.5	4	Fine grain sand	Good
15	114.5	140	25.5	Clay with sand	
16	140	144	4	Medium to fine grain sand	Good
17	144	163	19	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

*Verified as per logs provided*

cc:

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

*G.Sr  
09/06/23*

