

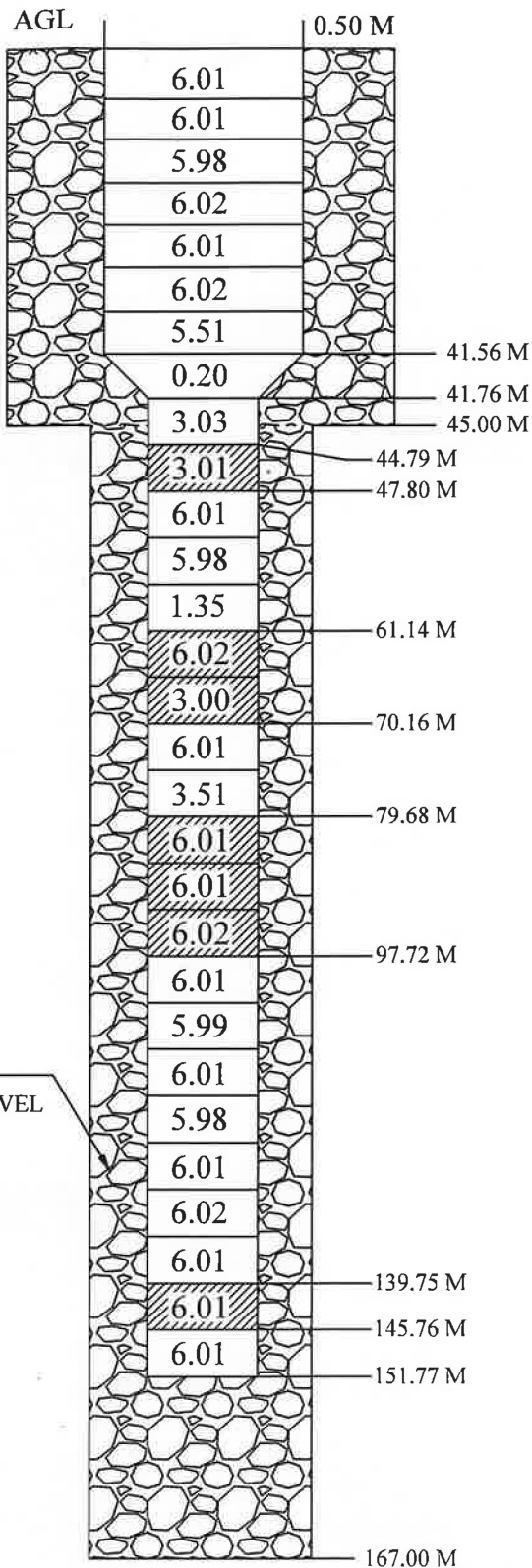


SPML

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : ~~BADAGAV~~ **BARAGAO**
 NAME OF COMPANY : PNC-SPML JV

BLOCK : MASAULI
 DISTRICT : BARABANKI

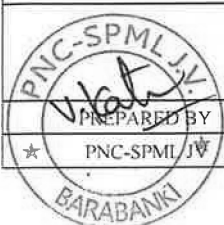


1.	BORE SIZE	600 X 900 mm
2.	ASSEMBLY SIZE	300 X 700 mm
3.	DRILLING DEPTH	167.00 m
4.	LOGGING DEPTH	165.27 m
5.	DATE OF LOGGING	13-04-2023
6.	DATE OF LOWERING	20-04-2023
7.	REQUIRED DISCHARGE	1420 LPM

LOGGING REPORT

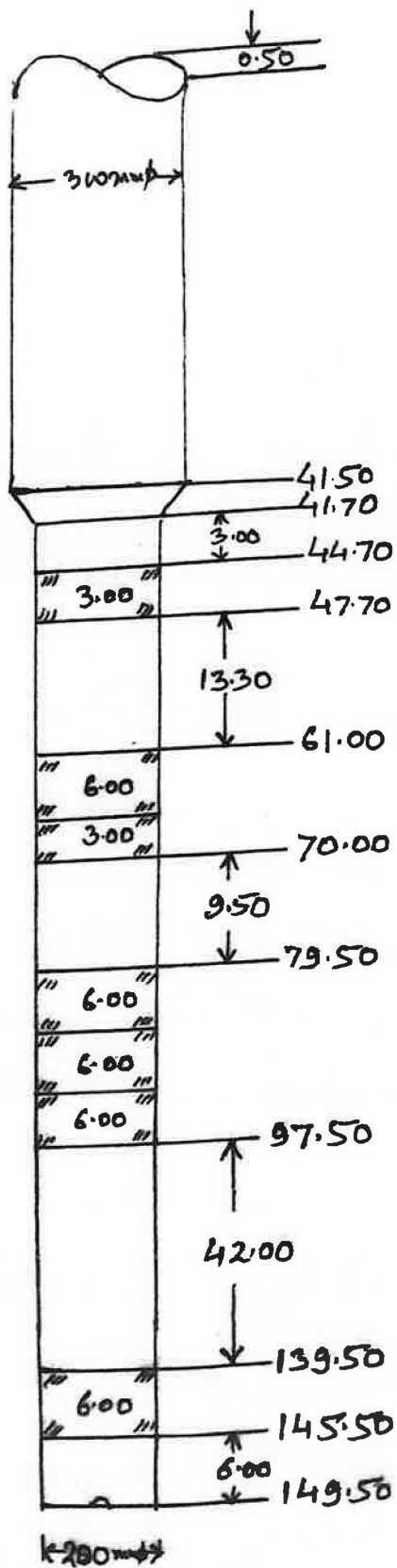
S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	6-10	4	GOOD
2.	10-27	17	GOOD
3.	27-48	21	GOOD
4.	61-70.5	9.5	GOOD
5.	79-101	22	GOOD
6.	139-153.5	14.5	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	42.06
2.	TOTAL 700 mm PLAIN PIPE	74.13
3.	TOTAL 700 mm SLOTTED PIPE	36.08
4.	REDUCER 300 X 700 mm	0.20
5.	TOTAL ASSEMBLY LOWER	152.27
6.	AGL	0.50
7.	BGL	151.77



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

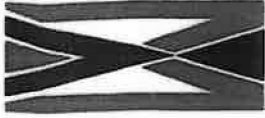
Proposed TW Assembly Chart of Badagan w/s scheme block - Masauli Dist. Barabanki



- 1- Discharge 1420 LPM
- 2- Motor HP 30 HP
- 3- Assembly size 300x200mm
- 4- Bore ϕ 600x500mm
- 5- Logging Report dt-13-4-23

- 1- 0-6 = 6 Topsoil
- 2- 6-10 = 4 medium
- 3- 10-27 = 17 medium grain
- 3-4- 27-48 = 21 medium grain sand
- 5- 48-61 = 13 clay with sand
- 9-6- 61-70.5 = 9.5 medium to fine
- 7- 70.5-79 = 8.5 clay with sand
- 18-8- 79-101 = 22 medium to fine
- 9- 101-134 = 33 clay with sand
- 10- 134-139 = 5 Fine grain sand
- 12- 11- 139-153.5 = 14.5 medium to fine
- 12- 153.5-164 = 10.5 clay with sand





GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BADAGAV	DATE OF LOGGING:	13.04.2023
BLOCK:	MASALI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.27M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.521ohm/m	Rw	0.437ohm/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	6	6	Top Soil	
2	6	10	4	Medium grain sand	Good
3	10	27	17	Medium grain sand with kankar	Good
4	27	48	21	Medium grain sand	Good
5	48	61	13	Clay with sand	
6	61	70.5	9.5	Medium to fine grain sand	Good
7	70.5	79	8.5	Clay with sand	
8	79	101	22	Medium to fine grain sand	Good
9	101	134	33	Clay with sand	
10	134	139	5	Fine grain sand	Medium
11	139	153.5	14.5	Medium to fine grain sand	Good
12	153.5	164	10.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

CC;

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