

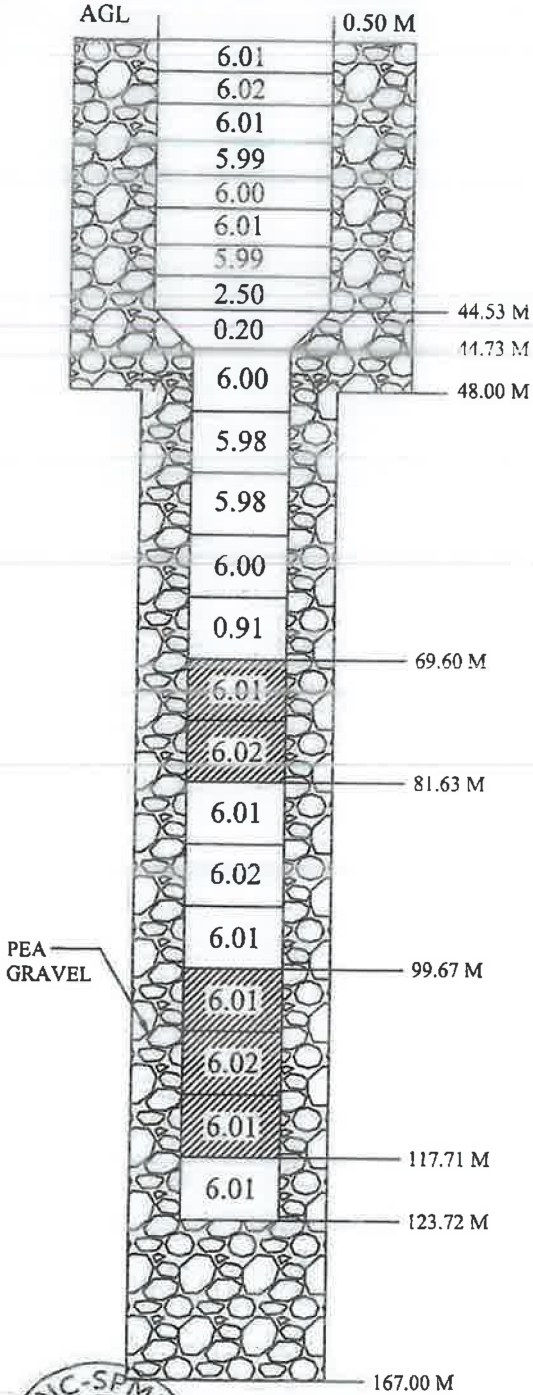


SPML

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : RAMPUR JOGA *Boojimall*
 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 m
4.	LOGGING DEPTH	165.02 m
5.	DATE OF LOGGING	02-05-2023
6.	DATE OF LOWERING	05-05-2023
7.	REQUIRED DISCHARGE	770 LPM

LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	140-152	12	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	45.03
2.	TOTAL 150 mm PLAIN PIPE	49.12
3.	TOTAL 150 mm SLOTTED PIPE	30.07
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	124.22
6.	AGL	0.50
7.	BGL	123.72

MAPL



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	RAMPUR JOGA	DATE OF LOGGING:	02.05.2023
BLOCK:	BANKI	DWILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.00M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Ra	0.496 ohm/m	Rw	0.455 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	10	10	Top Soil	
2	10	33	23	Clay with sand	
3	33	43.5	10.5	Fine grain sand	Medium
4	43.5	69	25.5	Clay with sand	
5	69	83	14	Fine grain sand	Medium
6	83	99.5	16.5	Clay with sand	
7	99.5	118.5	19	Fine grain sand	Medium
8	118.5	140	21.5	Clay with sand & kankar	
9	140	152	12	Medium to fine grain sand	Good
10	152	160	8	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

Verified as per logs provided



CC;

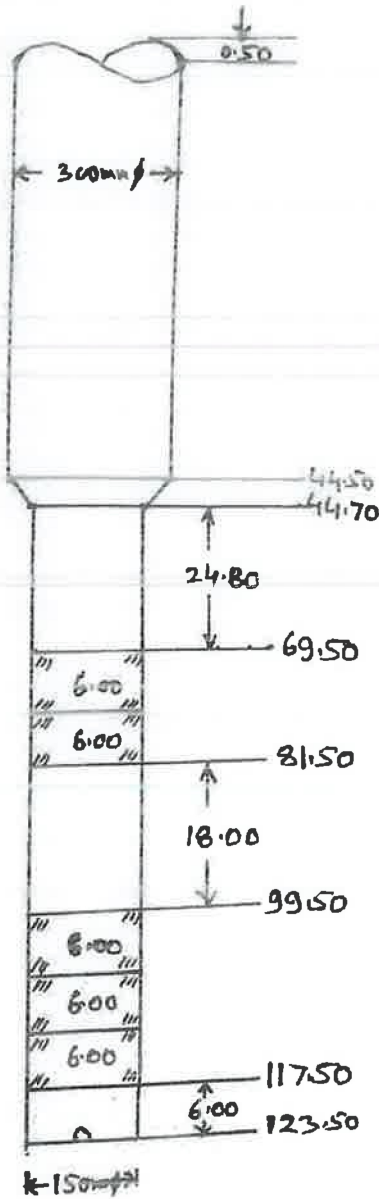
- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

Note. Groundwater quality interpreted by firm as per their logger calibration

*G.Sh
03/05/23*

Proposed T/W Assembly chart at Rampur Joga w/s scheme block Banki

Distt-13 azodanki



1. Discharge = 770 LPM
2. Motor HP = 15 HP
3. Assembly size = 300 x 1500 mm
4. Bore ϕ = 600 x 450 mm
5. Logging Report of - 2.5-25

1. 0 - 10 = 10 Topsoil
2. 10 - 33 = 23 Clay with sand
3. 33 - 43.5 = 10.5 Fine grains
4. 43.5 - 69 = 25.5 Clay with sand
- 12 ✓ 5. 69 - 83 = 14 Fine grains
6. 83 - 99.5 = 16.5 Clay with sand
- 18 ✓ 7. 99.5 - 118.5 = 19 Fine grains
8. 118.5 - 140 = 21.5 Clay with sand
- ✓ 9. 140 - 152 = 12 Medium sand
- 10 - 152 - 160 = 8 Clay with sand