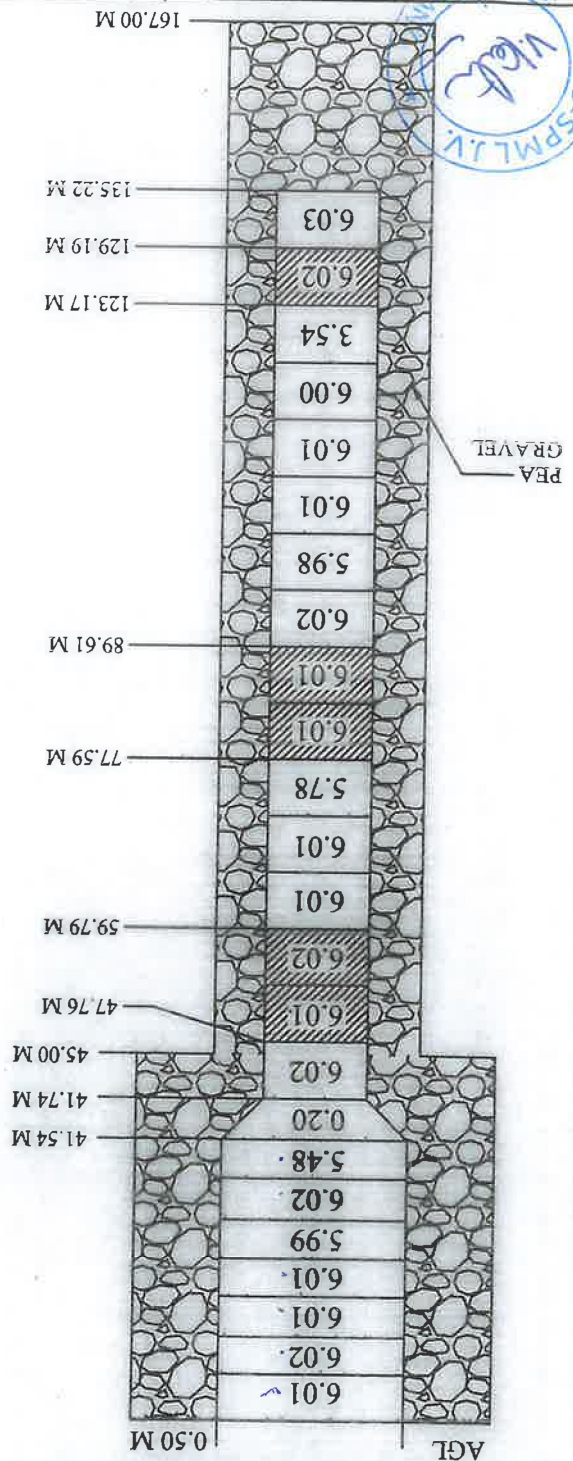




STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME : BARABANKI WSS
 NAME OF SITE : SANDAULI UMARPUR
 NAME OF COMPANY : PNC-SPML JV
 BLOCK : BANKI
 DISTRICT : BARABANKI



PREPARED BY	PNC-SPML JV	CHECKED BY	JUNIOR ENGINEER	RECOMMENDED BY	ASSISTANT ENGINEER	APPROVED BY	EXECUTIVE ENGINEER
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LOGGING REPORT			
S. NO	DEPTH RANGE (MBGL) (MTR)	DEPTH RANGE THICKNESS (MTR)	QUALITY OF F.M
1.	44-62	18	GOOD
2.	77.5-93	15.5	GOOD
3.	100.5-129.5	29	GOOD
4.	141-147	6	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 300 mm PLAIN PIPE	42.04
2.	TOTAL 150 mm PLAIN PIPE	63.61
3.	TOTAL 150 mm SLOTTED PIPE	30.07
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	135.72
6.	AGL	0.50
7.	BGL	135.22

Proposed by Assembly client of Sandauli Umashree w/s scheme block bank
 1st- Barabanki

- 1- Discharge 780LPM
- 2- Motor HP 15HP
- 3- Assembly size 300x150mm
- 4- Base $\phi = 600 \times 450$ mm
- 5- Logging Report of 24-4-23

1- 0-6 = 6 Topsoil

2- 6-12 = 6 Clay with sand

3. 12-44 = 32 Fine gravel sand

12-4. 44-62 = 18 Medium to fine sand

5- 62-77.5 = 15.5 Sandy clay

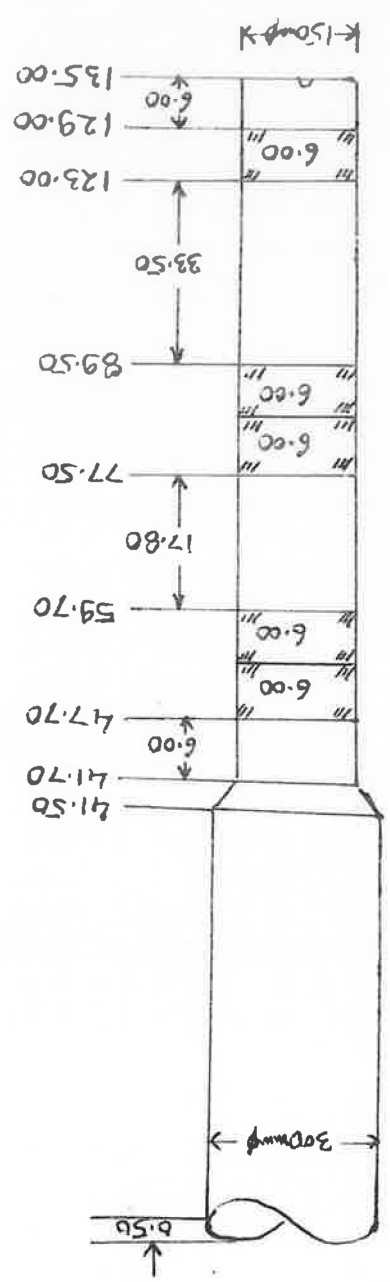
12-6. 77.5-93 = 15.5 Medium to fine sand

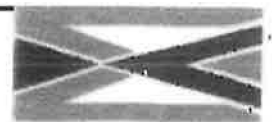
7. 93-100.5 = 7.5 clay

6-8. 100.5-129.5 = 29 Medium to fine sand

9- 129.5-141 = 11.5 clay with sand

10-141-147 = 6 Medium to fine sand





GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SANDAULI UMARPUR	DATE OF LOGGING:	29.04.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	150.40 M
ENG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.485 ohm/m	Rw	0.439 ohm/m
DISTRIC	BARABANKI		

AQUIFER:-

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

CLAY:-

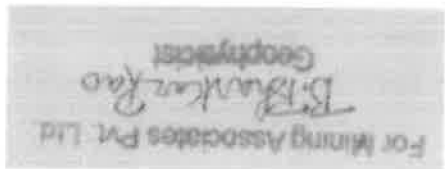
The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

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	6	6	Top Soil	
2	6	12	6	Clay with sand	
3	12	44	32	Fine grain sand	Medium
4	44	62	18	Medium to fine grain sand	Good
5	62	77.5	15.5	Sandy clay	Good
6	77.5	93	15.5	Medium to fine grain sand	Good
7	93	100.5	7.5	Clay	Good
8	100.5	129.5	29	Medium to fine grain sand	Good
9	129.5	141	11.5	Clay with sand	Good
10	141	147	6	Medium grain sand	Good

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 loggers calibration

98th
01/05/23