



SPML

STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

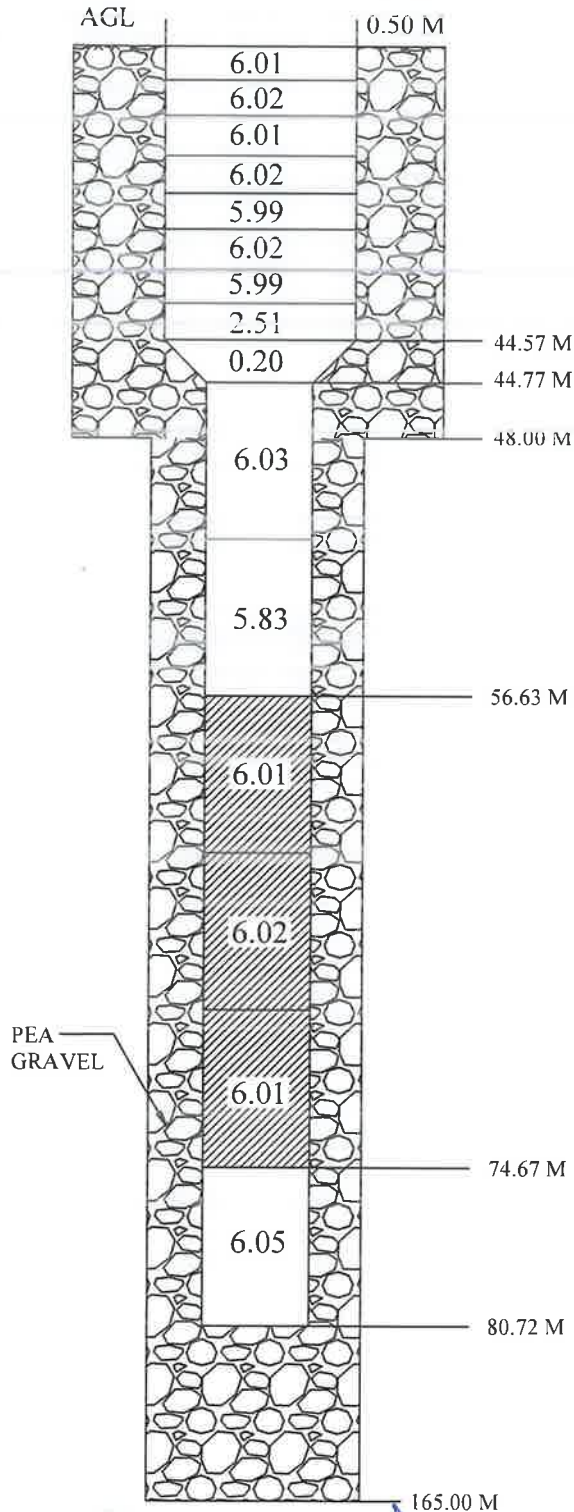
NAME OF SCHEME : BARABANKI WSS

NAME OF SITE : SARAI MIHI

NAME OF COMPANY : PNC-SPML JV

BLOCK : BANKI

DISTRICT : BARABANKI



1.	BORE SIZE	500 X 450 mm
2.	ASSEMBLY SIZE	200 X 150 mm
3.	DRILLING DEPTH	165 m
4.	LOGGING DEPTH	165.08 m
5.	DATE OF LOGGING	20-04-2023
6.	DATE OF LOWERING	22-04-2023
7.	REQUIRED DISCHARGE	520 LPM

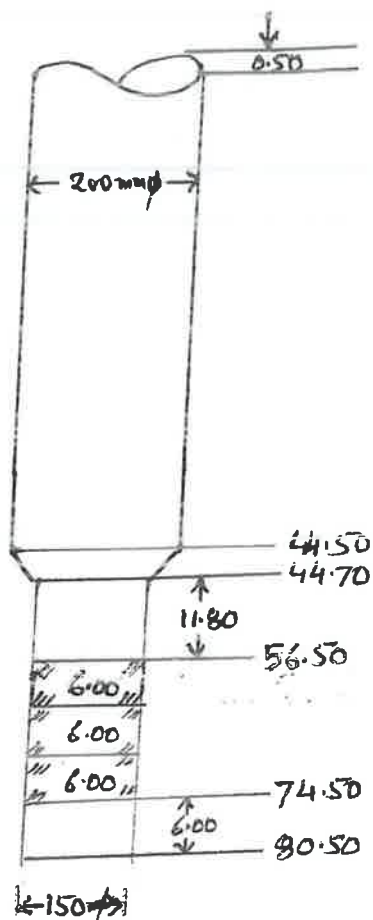
LOGGING REPORT

S. NO	DEPTH RANGE (MBGL)	THICKNESS (MTR)	QUALITY OF F.M
1.	6-12	6	GOOD
2.	21.5-39	17.5	GOOD
3.	53.5-75	21.5	GOOD

S. NO	DESCRIPTION	REMARKS
1.	TOTAL 200 mm PLAIN PIPE	45.07
2.	TOTAL 150 mm PLAIN PIPE	18.11
3.	TOTAL 150 mm SLOTTED PIPE	18.04
4.	REDUCER 300 X 150 mm	0.20
5.	TOTAL ASSEMBLY LOWER	81.22
6.	AGL	0.50
7.	BGL	80.72

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

PROPOSED DW Assembly chart of Sarai Michi w/s scheme block Banki Distt-
Barabanki



- 1- Discharge 170 LPM
- 2- Motor HP 7.5 HP
- 3- Assembly size 200 x 150 mm
- 4- Bore ϕ 500 x 450 mm
- 5- Logging Report dt-23-4-23

- 1- 0-6 = 6 Top soil
- 2- 6-12 = 6 medium grain sand
- 3- 12-21.5 = 9.5 clay with sand
- 4- 21.5-39 = 17.5 medium to fine sand
- 5- 39-53.5 = 14.5 clay with sand
- 6- 53.5-75 = 21.5 medium to fine sand
- 7- 75-163.5 = 88.5 clay with sand



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	SARAI MIHI	DATE OF LOGGING:	23.04.2023
BLOCK:	BANKI	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	163.19 M
ENGG:	B BHASKAR RAO	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.423 ohm/m	Rw	0.365 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	12	6	Medium grain sand	Good
3	12	21.5	9.5	Clay with sand	
4	21.5	39	17.5	Medium to fine grain sand	Good
5	39	53.5	14.5	Clay with sand	
6	53.5	75	21.5	Medium to fine grain sand	Good
7	75	163.5	88.5	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

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

Verified as per logs provided.
Note: Sr No 7 - must be reviewed, there are prominent sand zones.

GSR
24/04/23