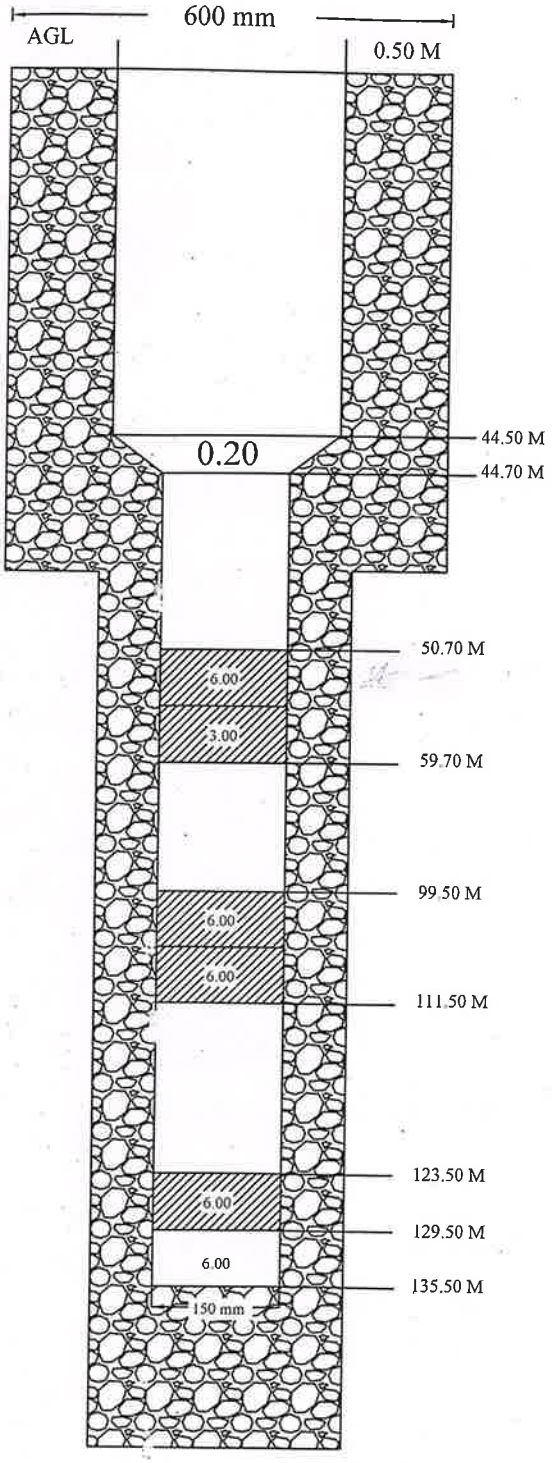
PROPOSED T.W. ASSEMBLY CHART OF MAHOMMADI PUR W/S SCHEME
BLOCK - FATEHPUR, DIST. - BARABANKI



Discharge - 680 LPM
Assembly Size - 300 X 150 mm Ø
Bore - 600 X 450 mm Ø
Logging Date : (18-12-2023)
Lowering Date : (19-12-2023)

Sl. No.	Depth		Thickness (m)	Inferred lithology
	From (m)	To (m)		
1	0	10	10	Top Soil
2	10	33.5	23.5	Medium to fine grain sand
3	33.5	40	6.5	Clay with sand
4	40	62.5	22.5	Medium to fine grain sand
5	62.5	81.5	19	Clay with sand
6	81.5	88.5	7	Medium grain sand
7	88.5	124	35.5	Clay with sand
8	124	157	33	Medium to fine grain sand

1. 300 mm Ø Plain Pipe	45.00 m
2.150 mm Ø Plain Pipe	63.80 m
3.150 mm Ø Slotted Pipe	27.00 m
4. Reducer	0.20 m
5. Total Lowering	136.00 m
6. A.G.L.	0.50 m
7. B.G.L.	135.50 m

PNC-SPML JV
PNC Tower 3/22 - D
CIVIL LINE
Agra

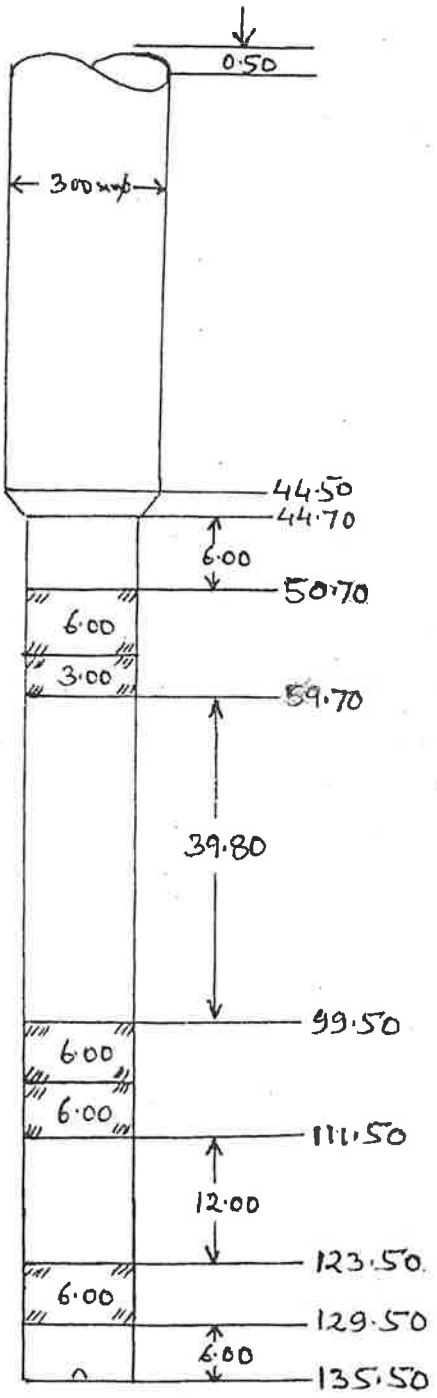
PNC-SPML JV BARABANKI

JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

osed T/W Assembly chart at Mahommadipur W/S scheme block Fatehpur
Distt- Barabanki



1- Discharge 680 LPM
2- Motor HP 12.5 HP
3- Assembly size 300 x 150
4- Bore ϕ 600 x 450
5- Logging Report dt-18-12-23

1- 10 – 44.5 = 34.5 good
2- 44.5 – 61 = 16.5 good
3- 70 – 76 = 6 good
4- 82 – 112 = 30 good
5- 123 – 133 = 10 good
6- 146.5 – 160 = 13.5 good

MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MAHOMMADITUR	**DATE OF LOGGING:**	18.12.2023
BLOCK:	FATEHPUR	**DRILLING DEPTH:**	167.00 M
STATE:	UTTAR PRADESH	**LOGGING DEPTH:**	160.00M
ENGG:	ASHOK KUMAR	**LOGGING COMPANY:**	Mining Associates Pvt. Ltd.
Rm	11.3 ohm.m	**Rw**	12.6 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	10	10	Top Soil	
2	10	44.5	34.5	Medium to fine grain sand	Good
3	44.5	61	16.5	Medium grain sand	
4	61	70	9	Sandyclay	
5	70	76	6	Medium grain sand	Good
6	76	82	6	Sandyclay	
7	82	112	30	Medium grain sand	Good
8	112	123	11	Sandyclay	
9	123	133	10	Medium to fine grain sand	Good
10	133	146.5	13.5	Caly with sand	
11	146.5	160	13.5	Medium grain sand	Good

NOTE:- 1. ALL zones have 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