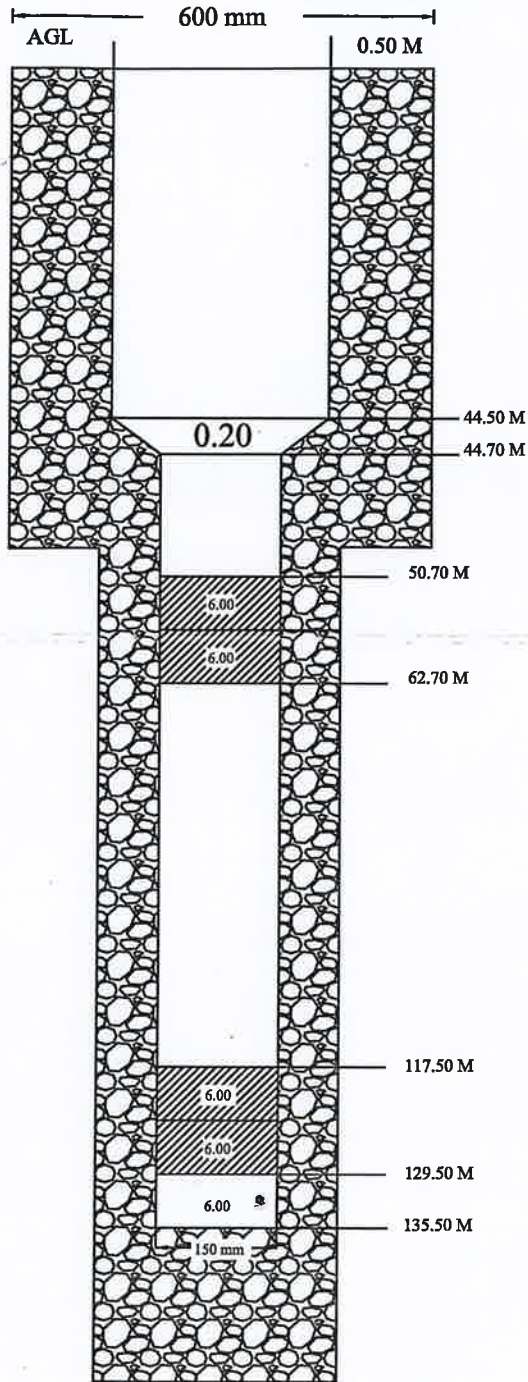


**PROPOSED T.W. ASSEMBLY CHART OF JAGSENDA W/S SCHEME
BLOCK - FATEHPUR, DIST. - BARABANKI**



Discharge - 630 LPM
 Assembly Size - 300 X 150 mm Ø
 Bore - 600 X 450 mm Ø
 Logging Date : (06-12-2023)
 Lowering Date : (07-12-2023)

Sl. No.	Depth		Thickness (m)	Inferred lithology
	From (m)	To (m)		
1	0	10	10	Top Soil
2	10	43	33	Medium grain sand with kanker
3	43	64	21	Coarser grain sand
4	64	74	10	Clay
5	74	130	56	Medium grain sand
6	130	142	12	Medium to fine grain sand
7	142	147	5	Clay
8	147	158.5	11.5	Medium plain sand
9	158.5	160	1.5	Fine sediment
10	160	164	4	Medium grain sand

1. 300 mm Ø Plain Pipe	45.00 m
2. 150 mm Ø Plain Pipe	66.80 m
3. 150 mm Ø Slotted Pipe	24.00 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

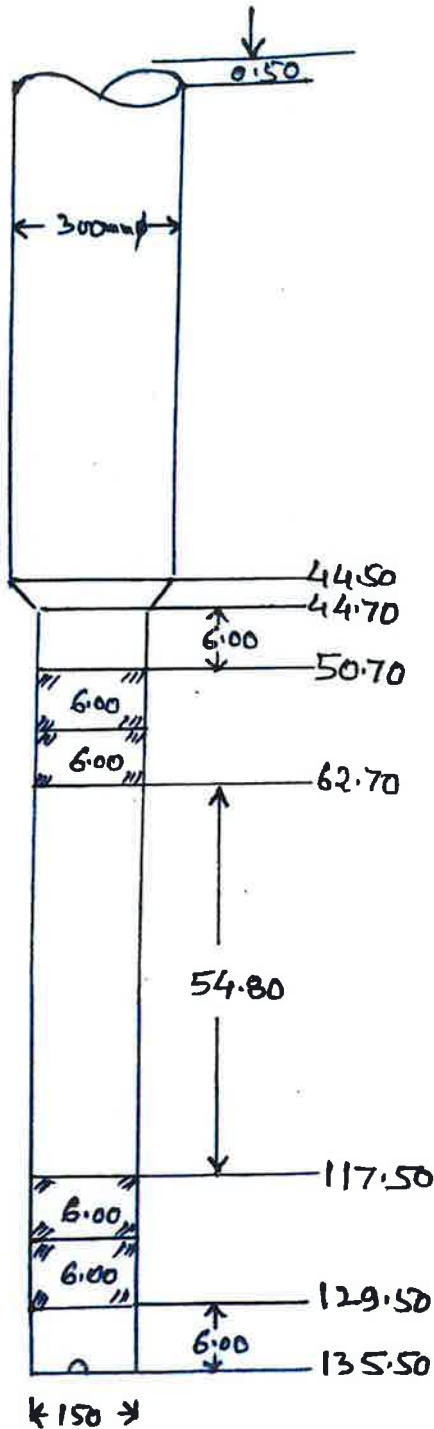


[Signature]
 JUNIOR ENGINEER

[Signature]
 ASSISTANT ENGINEER

[Signature]
 EXECUTIVE ENGINEER

Proposed TW Assembly chart of Jagsenda w/s scheme block Fattahpur
Distt. Barabank



- 1- Discharge 630 LPM
- 2- Motor HP - 12.5 HP
- 3- Assembly size 300 X 150
- 4- Base $\phi = 600 \times 450$ mm
- 5- Logging Report dt- 6-12

- 1- 10-43 = 33 medium gr
4 good
- 12-2- 43-64 = 21 coarse gr
- 12-3- 74-130 = 56 medium gr
- 4- 130-142 = 12 medium gr
- 5- 147-156.5 = 9.5 medium gr
- 6- 160-164 = 4 medium gr



GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JAGSEDA	DATE OF LOGGING:	06.12.2023
BLOCK:	FATEHPUR	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	164.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.2 ohm.m	Rw	11.4 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	43	33	Medium grain sand with kankar	Good
3	43	64	21	Coares grain sand	
4	64	74	10	Clay	
5	74	130	56	Medium grain sand	Good
6	130	142	12	Medium to fine grain sand	
7	142	147	5	Clay	
8	147	156.5	9.5	Medium grain sand	Good
9	156.5	160	3.5	Fine sediment	
10	160	164	4	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