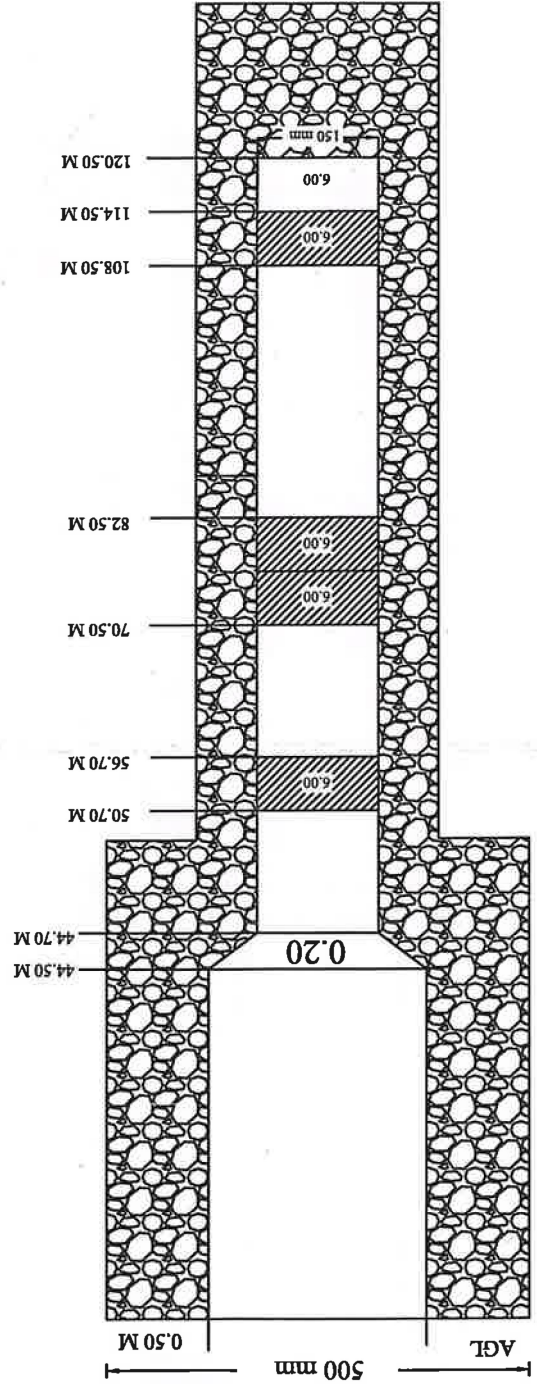


**PROPOSED T.W. ASSEMBLY CHART OF JAMOLIYA W/S SCHEME
BLOCK - NINDAURA, DIST. - BARABANKI**

Discharge - 600 LPM
 Assembly Size - 200 X 150 mm Ø
 Bore - 500 X 450 mm Ø
 Logging Date : (07-12-2023)
 Lowering Date : (08-11-2023)

Sl. No.	Depth		Soil	Thickness (m)	Refered lithology
	From (m)	To (m)			
1	0	10	Top soil	10	
2	10	20	Clay with sand	10	
3	20	33.5	Medium grain sand	13.5	
4	33.5	36.5	Fine siltment	3	
5	36.5	59	Medium grain sand	22.5	
6	59	70	Clay with sand	11	
7	70	88	Medium grain sand	18	
8	88	98	Clay with sand	10	
9	98	115	Medium to fine grain sand	17	
10	115	126	Clay with sand	11	
11	126	131.5	Medium to fine grain sand	5.5	
12	131.5	164	Clay with sand	32.5	

1. 200 mm Ø Plain Pipe	45.00 m
2. 150 mm Ø Plain Pipe	51.80 m
3. 150 mm Ø Slotted Pipe	24.00 m
4. Reducer	0.20 m
5. Total Lowering	121.00 m
6. A.G.L.	0.50 m
7. B.G.L.	120.50 m



EXECUTIVE ENGINEER

[Signature]

ASSISTANT ENGINEER

[Signature]

JUNIOR ENGINEER

[Signature]

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



Proposed T/W Assembly chart of Tamoliya/s scheme block Ninda

Dish-Baara

1. Discharge-600

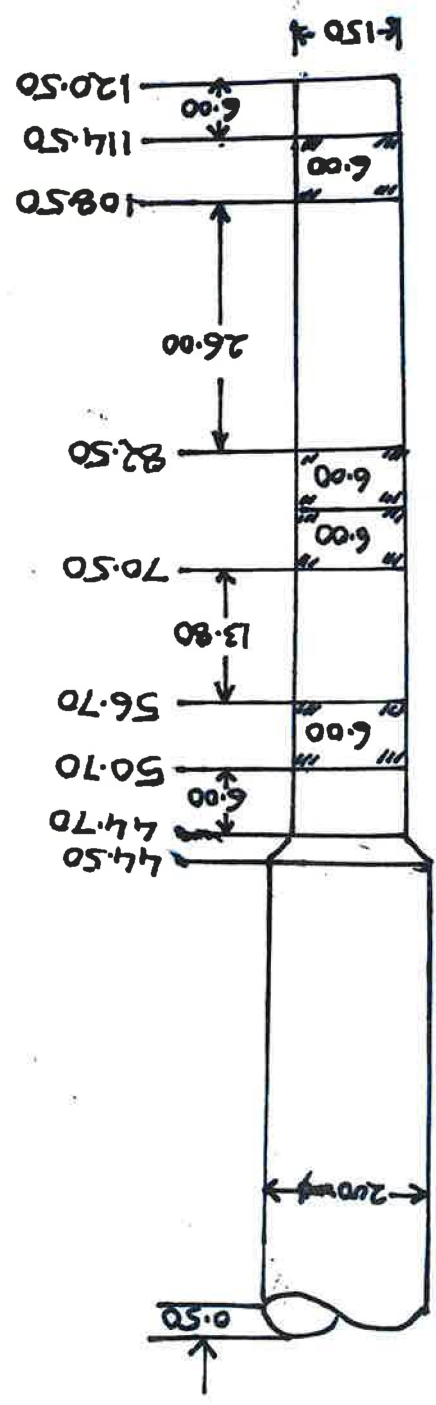
2. Motor HP-10H1

3. Assembly size 202

4. Baara ϕ 500x4

5. Logging Report 71

- 1. 20 - 33.5 = 13.5 B
- 2. 36.5 - 59 = 22.5 B
- 3. 70 - 88 = 18 B
- 4. 98 - 115 = 17 B
- 5. 126 - 131.5 = 5.5 B





GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	JAMOLIYA	DATE OF LOGGING:	07.12.2023
BLOCK:	NINDAURA	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	164.00M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	10.8 ohm.m	Rw	11.9 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	20	10	Clay with sand	
3	20	33.5	13.5	Medium grain sand	Good
4	33.5	36.5	3	Fine sediment	
5	36.5	59	22.5	Medium grain sand	Good
6	59	70	11	Clay with sand	
7	70	88	18	Medium grain sand	Good
8	88	98	10	Clay with sand	
9	98	115	17	Medium to fine grain sand	Good
10	115	126	11	Clay with sand	
11	126	131.5	5.5	Medium to fine grain sand	Good
12	131.5	164	32.5	Clay with sand	

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