

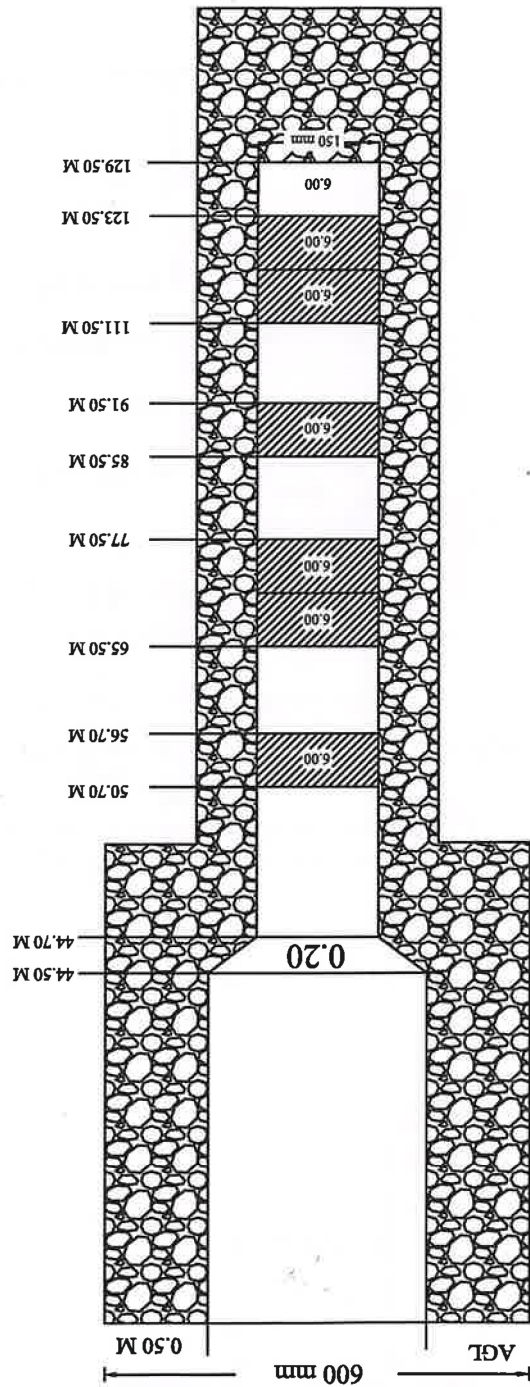
**PROPOSED T.W. ASSEMBLY CHART OF PALHARI W/S SCHEME**

**BLOCK - MASAUJI, DIST. - BARABANKI**

Discharge - 1060 LPM  
 Assembly Size - 300 X 150 mm Ø  
 Bore - 600 X 450 mm Ø  
 Logging Date : (27-11-2023)  
 Lowering Date : (28-11-2023)

Sl. No.	Depth range (mbg)	Thickness (meter)	Probable Lithology
1	25.0-32.0	7.0	Sand
2	32.0-37.0	5.0	Clayey sand
3	37.0-41.0	4.0	Sand
4	41.0-45.0	4.0	Clayey sand
5	45.0-60.0	15.0	Sand
6	60.0-65.0	5.0	Clay
7	65.0-80.0	15.0	Sand
8	80.0-82.0	2.0	Sandy clay
9	82.0-92.0	10.0	Sand
10	92.0-95.0	3.0	Sandy clay
11	95.0-100.0	5.0	Sand
12	100.0-111.0	11.0	Clay
13	111.0-127.0	16.0	Sand
14	127.0-150.0	23.0	Clayey sand with konkar
15	150.0-157.0	7.0	Sand
16	157.0-165.0	8.0	Clay

1. 300 mm Ø Plain Pipe	45.00 m
2. 150 mm Ø Plain Pipe	48.80 m
3. 150 mm Ø Slotted Pipe	36.00 m
4. Reducer	0.20 m
5. Total Lowering	130.00 m
6. A.G.L.	0.50 m
7. B.G.L.	129.50 m



EXECUTIVE ENGINEER

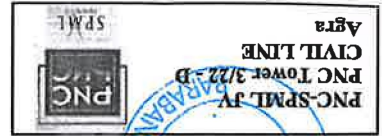
*[Signature]*

ASSISTANT ENGINEER

*[Signature]*

MONITOR ENGINEER

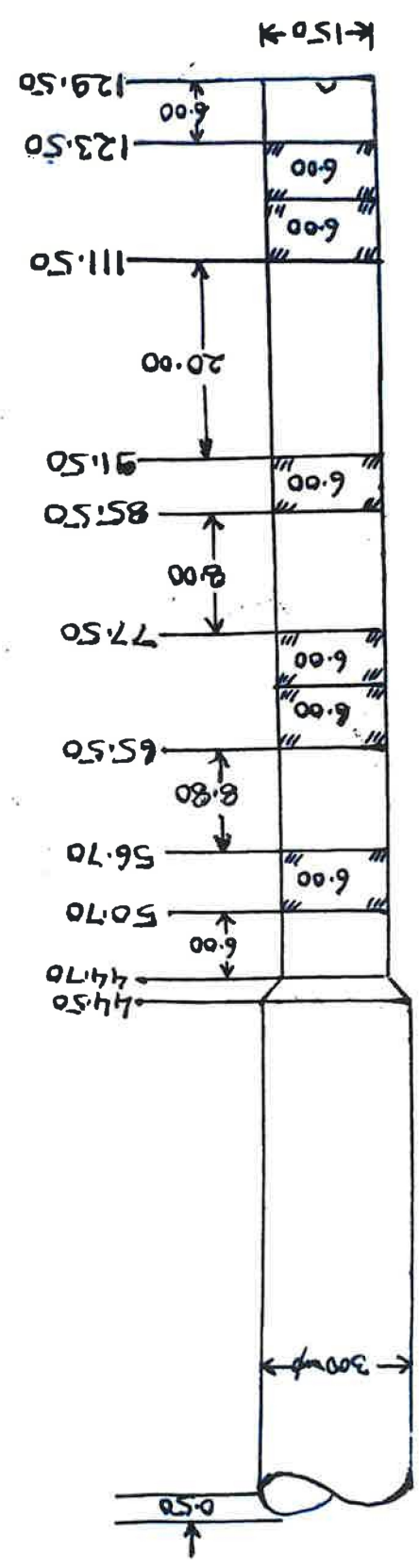
*[Signature]*



Proposed Tm Assembly chart of Palmaru w/s scheme block. maswuli dist. Brabanki.

- 1- Discharge- 1060rpm
- 2- Motor HP- 17.5HP
- 3- Assembly size 300x150
- 4- Base  $\phi = 600 \times 450$  mm  $\phi$
- 5- Logging Report of 27-2

- |    |   |           |      |
|----|---|-----------|------|
| 1  | - | 25-32=7   | good |
| 3  | - | 37-41=4   | good |
| 6  | - | 45-60=15  | good |
| 12 | - | 7-15      | good |
| 6  | - | 9-10      | good |
| 11 | - | 95-100=5  | good |
| 12 | - | 13-16     | good |
| 15 | - | 150-157=7 | good |



## Geophysical Borehole Logging Report

Name of the site : Palhari, Block-Masauli  
District : Barabanki  
Date : 27.11.2023

Depth logged : 165.0 mbgl  
Depth drilled : 165.0 mbgl

Logger use : UPTRON make  
Presence : Rep.of M/S PNC Infratech, Barabanki

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Depth range (mbgl)	Thickness (meter)	Probable Lithology	Remarks
1	25.0-32.0	7.0	Sand	Good
2	32.0-37.0	5.0	Clayey sand	--
3	37.0-41.0	4.0	Sand	Good
4	41.0-45.0	4.0	Clayey sand	--
5	45.0-60.0	15.0	Sand	Good
6	60.0-65.0	5.0	Clay	--
7	65.0-80.0	15.0	Sand	Good
8	80.0-82.0	2.0	Sandy clay	--
9	82.0-92.0	10.0	Sand	Good
10	92.0-95.0	3.0	Sandy clay	--
11	95.0-100.0	5.0	Sand	Good
12	100.0-111.0	11.0	Clay	--
13	111.0-127.0	16.0	Sand	Good
14	127.0-150.0	23.0	Clayey sand with kankar	--
15	150.0-157.0	7.0	Sand	Good
16	157.0-165.0	8.0	Clay	--

for Aqua Xplore

CC:

M/S PNC Infratech, Barabanki

