



SPML

### STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

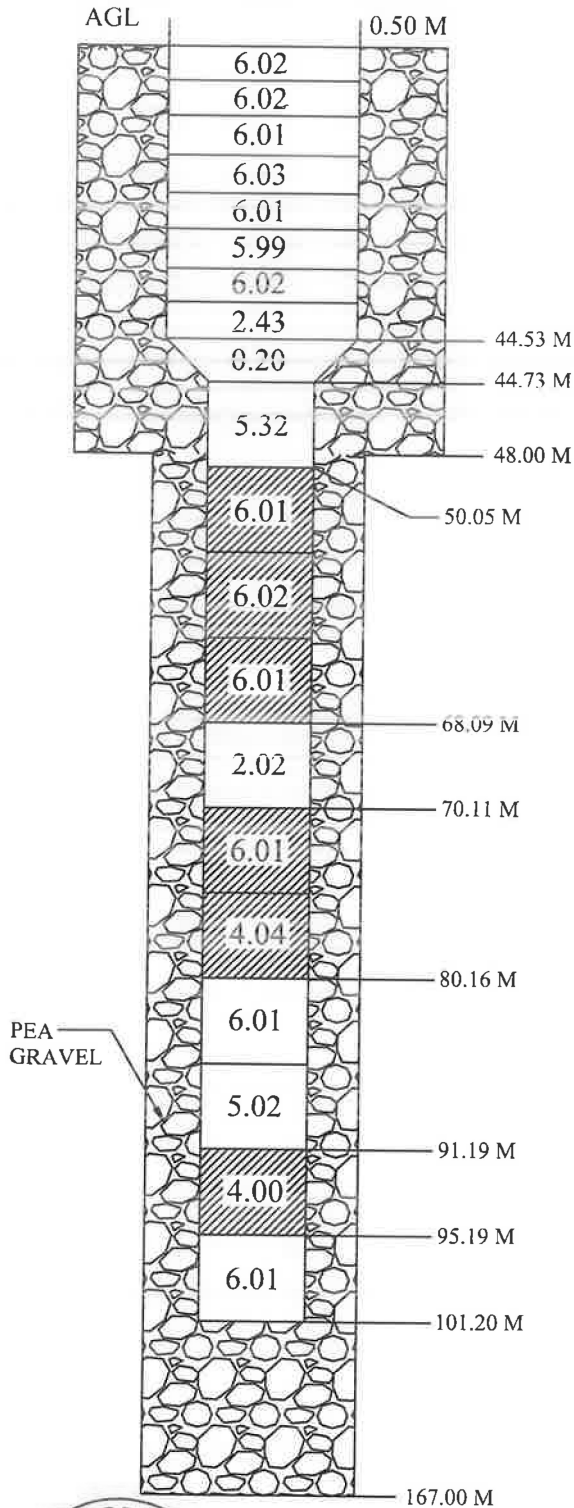
NAME OF SCHEME : BARABANKI WSS

BLOCK : BANKI

NAME OF SITE : PATMAU & KAMARUWAHA

DISTRICT : BARABANKI

NAME OF COMPANY : PNC-SPML JV



|    |                    |              |
|----|--------------------|--------------|
| 1. | BORE SIZE          | 600 X 450 mm |
| 2. | ASSEMBLY SIZE      | 300 X 150 mm |
| 3. | DRILLING DEPTH     | 167.00 m     |
| 4. | LOGGING DEPTH      | 163.00 m     |
| 5. | DATE OF LOGGING    | 31-05-2023   |
| 6. | DATE OF LOWERING   | 02-06-2023   |
| 7. | REQUIRED DISCHARGE | 910 LPM      |

### LOGGING REPORT

| S. NO | DEPTH RANGE (MBGL) | THICKNESS (MTR) | QUALITY OF F.M |
|-------|--------------------|-----------------|----------------|
| 1.    | 8-26               | 18              | GOOD           |
| 2.    | 34-42              | 8               | GOOD           |
| 3.    | 50-80              | 30              | GOOD           |
| 4.    | 91-95.5            | 4.5             | GOOD           |
| 5.    | 144-150            | 6               | GOOD           |

| S. NO | DESCRIPTION               | REMARKS |
|-------|---------------------------|---------|
| 1.    | TOTAL 300 mm PLAIN PIPE   | 45.03   |
| 2.    | TOTAL 150 mm PLAIN PIPE   | 24.58   |
| 3.    | TOTAL 150 mm SLOTTED PIPE | 32.09   |
| 4.    | REDUCER 300 X 150 mm      | 0.20    |
| 5.    | TOTAL ASSEMBLY LOWER      | 101.70  |
| 6.    | AGL                       | 0.50    |
| 7.    | BGL                       | 101.20  |

PEA GRAVEL



PREPARED BY

PNC-SPML JV

BARABANKI

CHECKED BY

JUNIOR ENGINEER

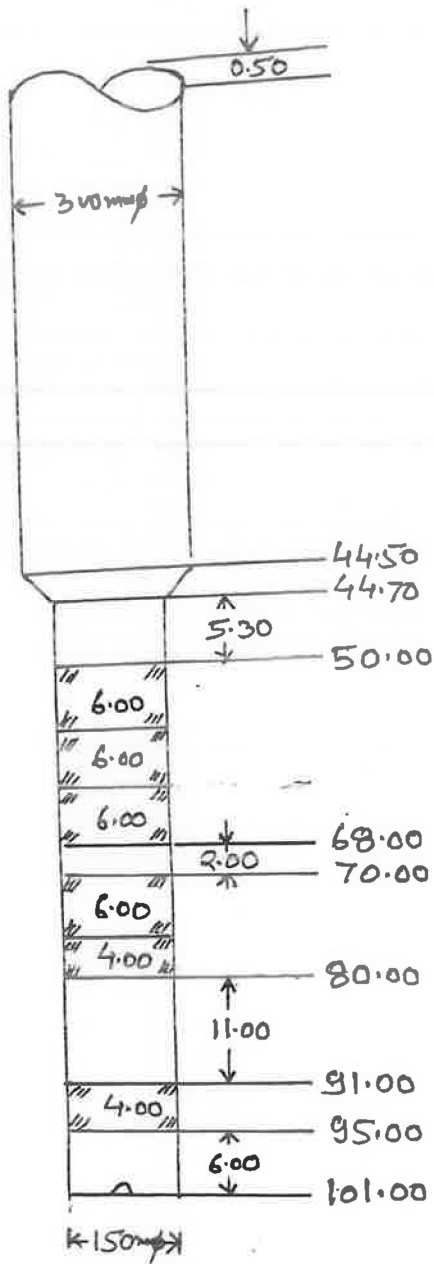
RECOMMENDED BY

ASSISTANT ENGINEER

APPROVED BY

EXECUTIVE ENGINEER

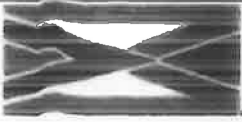
Proposed TW Assembly chart of Patman w/s scheme block Banki Distt-  
Barabanki



- 1- Discharge 910 LPM
- 2- Motor HP - 17.5 HP
- 3- Assembly size - 300 x 150 mm
- 4- Bore  $\phi$  600 x 450 mm
- 5- Logging Report - 31.5.23

6- 50-80 = 30 Fine grain Sand with Koh

8- 91-95.5 = 4.5 Fine grain Sand



## MINING ASSOCIATES PVT. LTD.

### GEOPHYSICAL DIGITAL LOGGING REPORT

|         |               |                  |                             |
|---------|---------------|------------------|-----------------------------|
| SITE:   | PATMAU        | DATE OF LOGGING: | 31.05.2023                  |
| BLOCK:  | BANKI         | DRILLING DEPTH:  | 167.00 M                    |
| STATE:  | UTTAR PRADESH | LOGGING DEPTH:   | 163.00 M                    |
| ENGG:   | B BHASKAR RAO | LOGGING COMPANY: | Mining Associates Pvt. Ltd. |
| Rm      | 0.539 ohm/m   | Rw               | 0.487 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        | 8      | 8             | Top Soil                    |                                   |
| 2       | 8        | 26     | 18            | Medium grain sand           | Good                              |
| 3       | 26       | 34     | 8             | Clay with sand              |                                   |
| 4       | 34       | 42     | 8             | Fine grain sand             | Good                              |
| 5       | 42       | 50     | 8             | Fine sediment               |                                   |
| 6       | 50       | 80     | 30            | Fine grain sand with kankar | Good                              |
| 7       | 80       | 91     | 11            | Clay with sand              |                                   |
| 8       | 91       | 95.5   | 4.5           | Fine grain sand             | Good                              |
| 9       | 95.5     | 142    | 46.5          | Clay with sand              |                                   |
| 10      | 142      | 151.5  | 9.5           | Fine grain sand             | Good                              |
| 11      | 151.5    | 163    | 11.5          | Clay with sand              |                                   |

NOTE:-

1. ALL zones has intermixed with high band of kankar

Verified as per logs provided.

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

Gsh  
31/05/23