

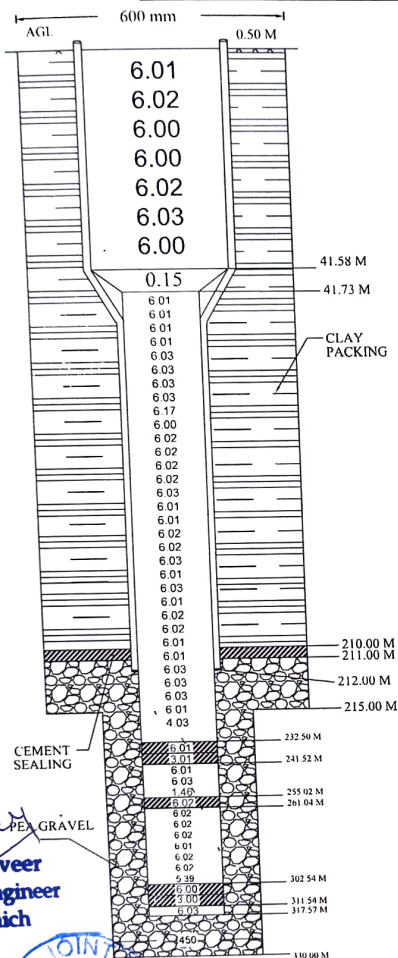


# PNC - SPML JV

Engineering Life  
SPML INFRA LIMITED

## ACTUAL T.W. ASSEMBLY CHART OF USARA W/S SCHEME BAHRAICH

### UNDER JAL JEEVAN MISSION (BLOCK -JARWAL)



Bore size -600mm X 450 mm  
T.W. Assy -300 mm X 150 mm  
Discharge -900 LPM/35 m/ HP  
Lowering date -31-01-2022

### Logging Report : (17-01-2022 )

1-0-26-26M  
2-26-46-20M,  
3-46-53-7M(SANDY CLAY)  
4-53-60-7M  
5-60-68-8M  
6-68-90-22M  
7-90-100-10M  
8-100-117-17M  
9-117-122-5M(SANDY CLAY)  
10-122-138-18M  
11-138-142-4M  
12-142-160-18M  
13-160-182-22M  
14-182-204-22M(SANDY CLAY)  
15-204-210-6M  
16-210-213-3M  
17-213-217-4M  
18-217-226-9M  
19-226-242-16M  
20-242-254-12M  
21-254-262-8M  
22-262-302-40M  
23-302-312-10M  
24-312-316-4M(SANDY CLAY)  
25-316-330-14M

Mohd Tarveer  
Mechanical Engineer  
TPI Bahraich

PNC-SPML JV  
PNC Tower 3/22-D

JUNIOR CIVIL ENGINEER  
DIVISION OFFICE (E/M)  
U P JAL NIGAM RURAL GONDA DIVISION OFFICE (E/M)  
U P JAL NIGAM RURAL GONDA

Total = 317.57 + 0.50 (AGL)  
= 318.17 BM

ASSISTANT ENGINEER  
ASSISTANT ENGINEER

EXECUTIVE ENGINEER

Site Office : PNC - SPML (JV), H.No. 141, Behind Panchwati Hotel Near Durga Mandir Hanuman Colony, Sufipura, Bahraich, UP, PIN-271801  
Mob. No. +91-9267933270, Email : gmwp@pncinftratech.com

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# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 117 - U / AX - 2022

Date 17.01.2022

## Geophysical Borehole Logging Report

Name of the site : Usara , Block- Jarwal

District : Bahraich

Date : 17.01.2022

Depth logged : 335.0 mbgl

Depth drilled : 338.0 mbgl

Logged by : Aqua Xplore

Presence : Rep.of M/S PNC Infratech.

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       | 0.0---26.0         | 26.0              | Surface soil               | --      |
| 2       | 26.0---46.0        | 20.0              | Sand with kankar           | Good    |
| 3       | 46.0---53.0        | 7.0               | Sandy Clay                 | --      |
| 4       | 53.0---60.0        | 7.0               | Sand with kankar           | Good    |
| 5       | 60.0---68.0        | 8.0               | Clay with kankar           | --      |
| 6       | 68.0---90.0        | 22.0              | Sand                       | Good    |
| 7       | 90.0---100.0       | 10.0              | Clay with kankar           | --      |
| 8       | 100.0---117.0      | 17.0              | Sand with kankar           | Good    |
| 9       | 117.0---122.0      | 5.0               | Clayey Sand                | --      |
| 10      | 122.0---138.0      | 18.0              | Sand with kankar           | Good    |
| 11      | 138.0---142.0      | 4.0               | Very fine sand with kankar | --      |
| 12      | 142.0---160.0      | 18.0              | Sand with kankar           | Good    |
| 13      | 160.0---182.0      | 22.0              | Sand                       | Good    |
| 14      | 182.0---204.0      | 22.0              | Sandy clay                 | --      |
| 15      | 204.0---210.0      | 6.0               | Sand                       | Good    |
| 16      | 210.0---213.0      | 3.0               | Clayey sand                | --      |
| 18      | 213.0---217.0      | 4.0               | Sand                       | Good    |
| 19      | 217.0---226.0      | 9.0               | Sandy clay                 | --      |
| 20      | 226.0---242.0      | 16.0              | Sand                       | Good    |
| 21      | 242.0---254.0      | 12.0              | Clayey sand                | --      |
| 22      | 254.0---262.0      | 8.0               | Sand with kankar           | Good    |
| 23      | 262.0---302.0      | 40.0              | Clayey sand with kankar    | --      |
| 24      | 302.0---312.0      | 10.0              | Sand                       | Good    |
| 25      | 312.0---316.0      | 4.0               | Sandy Clay                 | --      |
| 26      | 316.0---330.0      | 14.0              | Sand with kankar           | Good    |

CC;  
1. M/S PNC Infratech

JUNIOR ENGINEER  
DIVISION OFFICE (E/M)  
U.P. JAL NIGAM KURAI GONDA

for Aqua Xplore