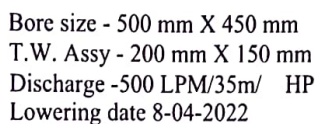




UNDER JAL JEEVAN MISSION (BLOCK -JARWAL)



Logging Report : (02-04-2022)

1-10-24-14M
2-24-30-6M(CLAY)
3-30-50-20M
4-50-68-18M
5-68-95-27M
6-95-101-6M(CLAY)
7-101-130-29M
8-130-140-10M(CLAY)
9-140-170-30M
10-170-175-5M(CLAY)
11-175-187-12M
12-187-192-5M(CLAY)
13-192-208-16M
14-208-230-22M
15-230-262 -32M
16-262-266-4M(CLAY)
17-266-272-6M
18-272-276-4M(CLAY)
19-276-286-10M
20-286-290-5M
21-290-295-5M
22-295-310-15M

$$\begin{aligned}\text{Total} &= 290.92 + 0.50(\text{AGL}) \\ &= 291.42 \text{ BM}\end{aligned}$$

PNC-SPML JV
PNC Tower 2022 - D

JUNIOR ENGINEER
DIVISION OFFICE (F/M)

ASSISTANT ENGINEER
ASSISTANT ENGINEER
DIVISION OFFICE (E/M)
CENTRAL CO

EXECUTIVE ENGINEER

U P. JAL NIGAM RURAL GONDA

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- aquaxplorellko@gmail.com

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

Ref. 402 - S / AX - 2022

Date 02.04.2022

Geophysical Borehole Logging Report

Name of the site : Sunsi, Block- Jarwal

District : Bahraich

Date : 02.04.2022

Depth logged : 310.0 mbgl

Depth drilled : 330.0 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	10.0---24.0	14.0	Sand	Good
2	24.0---30.0	6.0	Clay	--
3	30.0---50.0	20.0	Sand	Good
4	50.0---68.0	18.0	Clay with kankar	--
5	68.0---95.0	27.0	Sand	Good
6	95.0---101.0	6.0	Clay	--
7	101.0---130.0	29.0	Sand with kankar	Good
8	130.0---140.0	10.0	Clay	--
9	140.0---170.0	30.0	Sand with kankar	Good
10	170.0---175.0	5.0	Clay	--
11	175.0---187.0	12.0	Sand	Good
12	187.0---192.0	5.0	Clay	--
13	192.0---208.0	16.0	Sand with kankar	Good
14	208.0---230.0	22.0	Clayey sand	--
15	230.0---262.0	32.0	Sand	Good
16	262.0---266.0	4.0	Clay	--
17	266.0---272.0	6.0	Sand	Good
18	272.0---276.0	4.0	Clay	--
19	276.0---286.0	10.0	Sand	Good
20	286.0---290.0	4.0	Clayey sand	--
21	290.0---295.0	5.0	Sand	Good
22	295.0---310.0	15.0	Clayey sand	--

CC:

1. M/S PNC Infratech

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

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

for Aqua Xplore