

| | M | T | W | T | F | S | S |
|---------|----|----|----|----|----|----|----|
| JUNE 23 | | | | 1 | 2 | 3 | 4 |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | 26 | 27 | 28 | 29 | 30 | | |

Date = 05/09/23
2023

MAY
SATURDAY
Day 147-218

27

Proposed Assembly Chart:

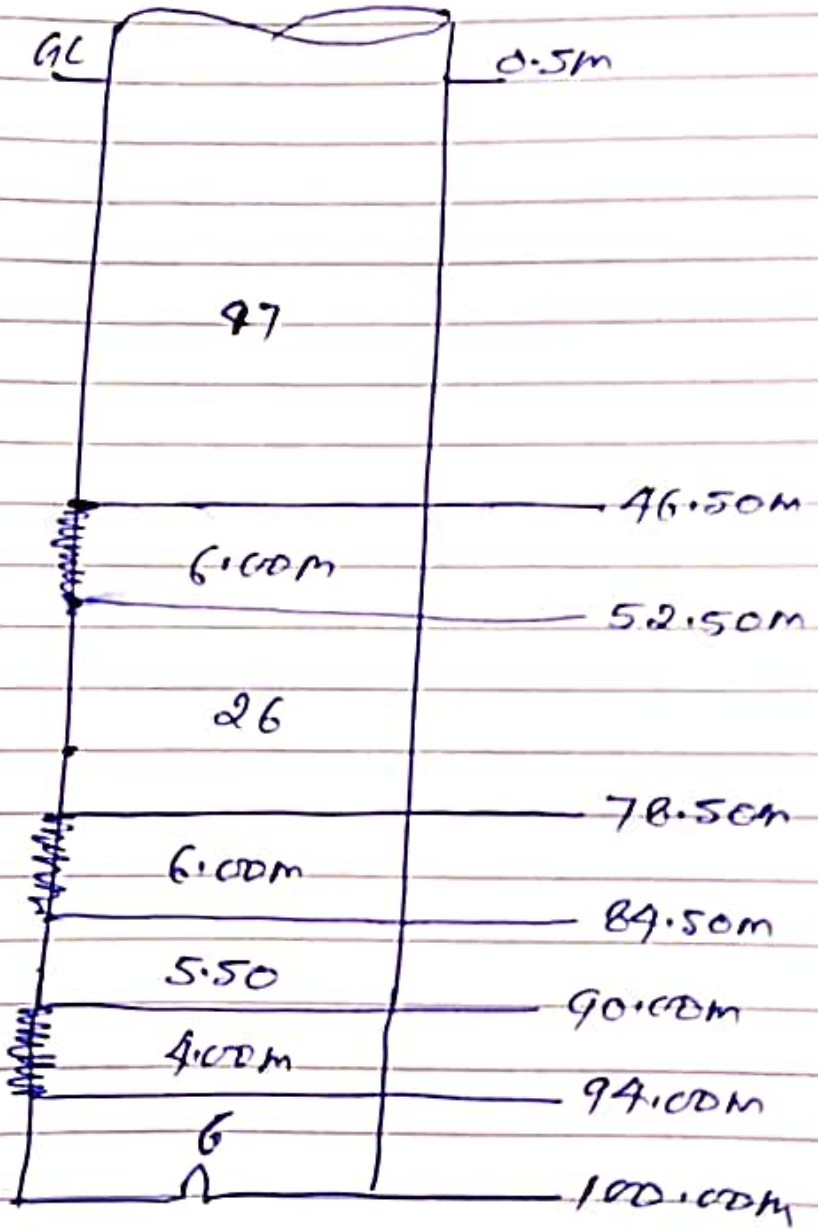
Patti Bhiktari / Tarewa

As per DPR

Discharge = 520 LPM

Size = 200 x 150 mm ϕ

Proposed Assembly
Size = 200 x 200 mm ϕ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Mob. 9918202546 / 9889323322, Email-aquaxploreko@gmail.com

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

Ref 401 - PT / AX - 2023

Date 01.04.2023

Geophysical Borehole Logging Report

Name of the site : Patti Bikhari, Block – Tarwa

District : Azamgarh

Date : 01.04.2023

Depth logged : 200.0 mbgl

Depth drilled : 205.0 mbgl – as reported

Logger used : UPTRON make

Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

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(m) | Remarks |
|--------|-------------------|--------------|----------|
| 1 | 26.0--30.0 | 4.0 | Good all |
| 2 | 46.0--53.0 | 7.0 | |
| 3 | 78.0--85.0 | 7.0 | |
| 4 | 90.0--94.0 | 4.0 | |

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 97.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**ESTIMATE FOR
PATTI BHKHARI GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JIM**

BLOCK- FARWAN, DISTRICT- AZAMGARH

Estimate of Cost of Tubewell construction

| Sl No. | Item of work | No. | L | B | H/D | Qty | Rate | Unit | Amount | Remarks |
|----------|---|-----|---|---|-----|-----|----------|------|-------------|-------------------|
| | Discharge 520 LPM Head 45 M Drilling Depth of Tube well 200 M Lowering of Tube well 180 M Size of Tube well 200 x 150 mm | | | | | | | | | |
| I | DC/RC Drilling including Haring Transportation, Erection, Dismantling with loading and unloading of Rig and associated T&P complete in all respect including required all material labour & T&P etc. | | | | | | | | | As per RFP |
| 1.1 | DC/RC Drilling up to 100Mtr. | | | | | | | | | |
| 1.1.1 | 500 MMØ | | | | | 60 | 2,709.57 | Rmt | 1,62,574.31 | |
| 1.1.2 | 450 MMØ | | | | | 40 | 2,438.06 | Rmt | 97,922.59 | |
| 1.2 | DC/RC Drilling from 101 MT. To 200 Mtr-Deep | | | | | | | | | |
| 1.2.1 | 450 MMØ | | | | | 100 | 2,766.85 | Rmt | 2,76,685.02 | |
| 1.2.2 | Development / Flushing of tubewell | | | | | | 2,887.82 | Hrs | - | |
| 1.3 | DC/RC Drilling from 201 MT. To 300 Mtr-Deep | | | | | | | | | |
| 1.3.1 | 450 MMØ | | | | | | 3,150.13 | Rmt | - | |
| 1.4 | Tube Well Assembly | | | | | | | | | |
| | MSE/RW plain pipe As per IS 4270 | | | | | | | | | |
| 1.4.1 | 200 MMØ | | | | | | | | | |
| 1.4.2 | 150 MMØ | | | | | 54 | 2,539.29 | Rmt | 1,37,121.66 | |
| | MSE/RW Pipe slotted pipe as per IS 8110 | | | | | | | | | |
| 1.4.3 | 200 MMØ | | | | | 102 | 1,991.60 | Rmt | 2,03,143.20 | |
| 1.4.4 | 150 MMØ | | | | | 0 | 3,817.70 | Rmt | - | |
| 1.5 | MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure | | | | | 24 | 3,067.06 | Rmt | 73,609.54 | |
| | MS Ring- | | | | | | | | | |
| 1.5.1 | 200 mm Ø MS Ring made by 150 mm x 12 mm Flt | | | | | 10 | 1,593.28 | No. | 15,932.80 | |
| 1.5.2 | 150 mm Ø MS Ring made by 150 mm x 12 mm Flt | | | | | 22 | 1,264.67 | No. | 27,822.65 | |
| | MS Ball plug As per IS 2800 | | | | | | | | | |
| 1.5.3 | 150 mm Ø MS Ball Plug | | | | | 1 | 1,717.76 | No. | 1,717.76 | |