

(80) TWT Comp TOP

| YIELD TEST REPORT                   |                                         |                                              |                    |                  |
|-------------------------------------|-----------------------------------------|----------------------------------------------|--------------------|------------------|
| NAME OF SCHEME                      |                                         | Tube well Scheme                             |                    |                  |
| LOCATION OF T/W                     |                                         | Mahol, Block → Madhoganh                     |                    |                  |
| REQUIRED DISCHARGE AS PER SCHEME    |                                         | 240 LPM                                      |                    |                  |
| DATE OF TESTING                     |                                         | 10/12/21                                     |                    |                  |
| TASTE OF WATER                      |                                         | Sweet                                        |                    |                  |
| PHYSICAL WATER QUALITY              |                                         |                                              |                    |                  |
| S.No.                               | S.W.L. IN MTR.                          | R.W.L. IN MTR.                               | DEPRESSION IN MTR. | DISCHARGE IN LPM |
| 01                                  | 18 mtr                                  | 21.5 mtr                                     | 3.5 mtr            | 1255.05 LPM      |
|                                     |                                         |                                              |                    |                  |
|                                     |                                         |                                              |                    |                  |
|                                     |                                         |                                              |                    |                  |
|                                     |                                         |                                              |                    |                  |
|                                     |                                         |                                              |                    |                  |
| REMARKS:- water found good quantity |                                         |                                              |                    |                  |
| RECOMMENDED DISCHARGE               |                                         |                                              |                    |                  |
| Ashok Yadav                         |                                         | Vivek Agnihotri                              |                    |                  |
| BGCC                                | NAME OF SWSM/JALNIGAM /PMC/TPI ENGINEER | SIGNATURE OF SWSM/JALNIGAM /PMC/TPI ENGINEER |                    |                  |

# Request For Inspection (RFI)

|                                                            |                                               |                          |        |
|------------------------------------------------------------|-----------------------------------------------|--------------------------|--------|
| Client:-                                                   | STATE WATER SANITATION MISSION                |                          |        |
| PMC:-                                                      | TES-WTESL(J.V.) PMC JHANSI                    |                          |        |
| CONTRACTOR:-                                               | BRIGOPAL CONSTRUCTION COMPANY                 |                          |        |
| SCHEME NAME:-                                              | IMLOTA / TEHARKA / BARTHARI / JALAUN          |                          |        |
| Request for inspection / Approval                          | Vill. - Maheti Block Madhagaada               |                          |        |
| RFI NO.:-                                                  | Request Date/Time:- 9/11/21                   |                          |        |
| Request for inspection on scheme work (tick as applicable) |                                               |                          |        |
| CIVIL                                                      | MECHANICAL                                    | ELECTRICAL               |        |
| INSTRUMENTATION                                            | COMMISSIONING                                 |                          |        |
| WORK PARTICULARS:-                                         |                                               |                          |        |
| Description of works                                       | Comments be PMC/Client/                       | Signature by PMC/ Client | Remark |
| Water discharge checking                                   | D.P.F.T not raised timely by the E.R.C Agency | [Signature]              |        |
| OP Unit                                                    |                                               |                          |        |
| Vill. Maheti                                               |                                               |                          |        |
| Block Madhagaada                                           |                                               |                          |        |
|                                                            |                                               |                          |        |
| Inspection Date:- 10/11/21                                 | Inspection Time:-                             |                          |        |
| Request by BGCC Representative                             | Received by PMC Representative                |                          |        |
| NAME Ashok Yadav                                           | NAME - Nishu Agnihotri                        |                          |        |
| Signature [Signature]                                      | Signature - [Signature]                       |                          |        |
| Inspection Date 10/11/21                                   | Inspection Date - 10/11/21                    |                          |        |
| Inspection Time                                            | Inspection Time - 01:00 P.M.                  |                          |        |

Encl. :-

# YIELD TEST REPORT BT 250 P.S.I COMPRESSOR

DATE OF TEST:- 06/12/21

STATIC W/L

TEST OF WATER

Sweet

Village:

MAHOTI

(Madhagadh)

| DISCHARGE |     | ST.PR.             | RU PR              | Depre |      | SAND CONTENTS |       |        |        |        | REMARKS |        |
|-----------|-----|--------------------|--------------------|-------|------|---------------|-------|--------|--------|--------|---------|--------|
| INC       | LPM | KG/CM <sup>2</sup> | KG/CM <sup>2</sup> | KG    | MTR  | START         | 5 MIN | 10 MIN | 15 MIN | 20 MIN |         | 25 MIN |
|           |     | 5.90               | 5.40               | 0.50  | 5.00 | 3600          | 3000  | 2000   | 1600   | 900    |         |        |
|           |     | 8.70               | 8.10               | 0.60  | 6.00 | 4200          | 3600  | 2400   | 1800   | 1000   |         |        |
|           |     | 9.60               | 8.90               | 7.0   | 7.00 | 4600          | 4000  | 2600   | 2000   | 1200   |         |        |
|           |     | 12.00              | 11.20              | 8.0   | 8.00 | 4800          | 4200  | 2800   | 2100   | 1400   |         |        |

Note: Recommended for further development by O.P. Unit.

# Proposed Tubewell Assembly of Village - Mahoi, Block. Madharyam Dist H. Talam.

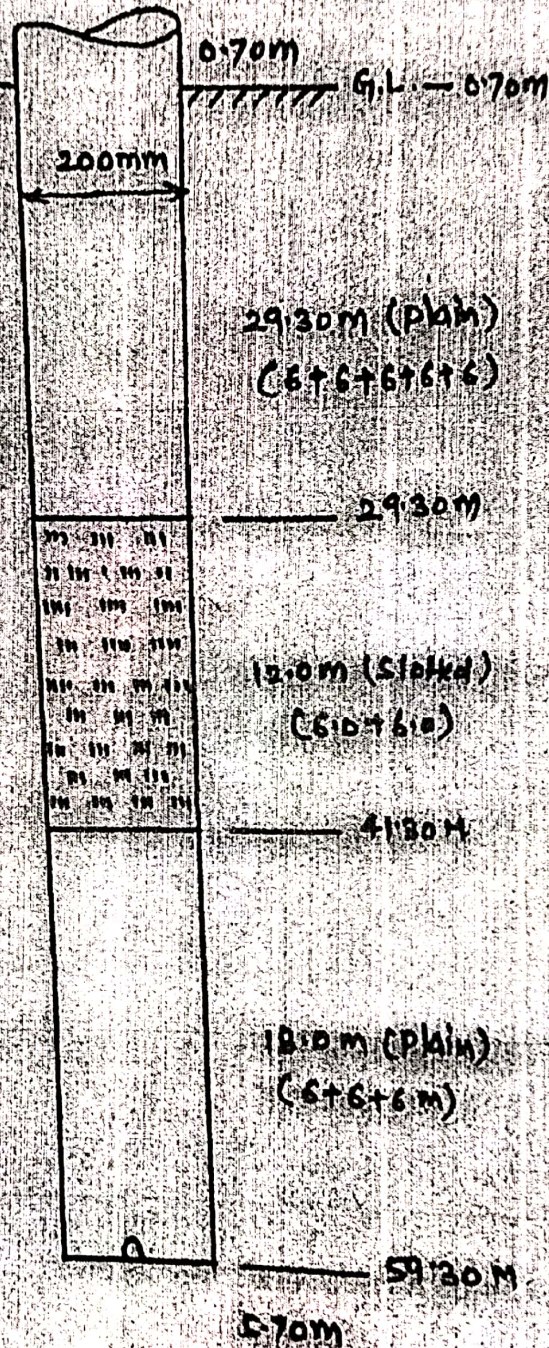
Total Depth - 65.0m

Logging Depth - 61.0m

Logging report - Dt 2.10.2021

L. 29 - 41.0m = 12.0m

(Good to Moderate)



Assistant Engineer  
Jhansi Khand - 1st  
U.P. Jai Nigam, Jhansi



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jyamau, Hazratganj, Lucknow - 226001

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

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

Ref. 1002 - M / AX - 2021

Date 02.10.2021

## Geophysical Borehole Logging Report

Name of the site : Mahol, Block - Madhavgarh

District : Jalaun

Date : 02.10.2021

Depth logged : 61.00 mbgl

Depth drilled : 65.00 mbgl

Logger used : Aqua Xplore

Presence : Er. Ramjeet Ram, J.E. & Rep. of M/S M. K. E. Kanpur Dehat

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      | 29.0—41.0         | 12.0         | Good to moderate |

Note: Zone is intermixed with fine bands of kankar/stones. No suitable zones were encountered below 41.0 mbgl till depth logged.

for Aqua Xplore

CC:

1. E.E., Jhansi Divn. Ist., U.P. Jal Nigam, Jhansi

2. M/S. Maa Kalyani Enterprises, 11, Rajendra Nagar, Pukhrayan, Kanpur Dehat  
U.P. - 209171

