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**PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS**

**FORMAT NAME :- REQUEST FOR INSPECTION (RFI)**

|   |                          |                    |                                     |  |                          |
|---|--------------------------|--------------------|-------------------------------------|--|--------------------------|
| Format Number:-   |                          | RFI Number:-       |                                     | Date:- 07-01-25                        |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)                                 |                          | Contract No:       |                                     |  |                          |
| <b>Location of Work</b>   |                          |                    |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- Harayan    |                                     | Scheme Name:- Jareenpur Bhuraga T.W-2  |                          |
| Following Civil Items are ready for inspection:                       |                          |                    |                                     | Date:-                                 |                          |
| SBC   | <input type="checkbox"/> | Tube Well          | <input checked="" type="checkbox"/> | Excavation                             | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                           | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post         | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling       | <input type="checkbox"/>            | M.S/Wicket Gate/Window                 | <input type="checkbox"/> |
| Others <input type="text"/>   |                          |                    |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection: |                          |                    |                                     | Date:-                                 |                          |
| instrumentation   | <input type="checkbox"/> | Welding            | <input type="checkbox"/>            | Valves                                 | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel                                 | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                    |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )         | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                    |                                     |  |                          |
| Work Descriptions:- Rig Machine shifting for Drilling Work            |                          |                    |                                     |  |                          |
| Discharge:- 290 LPM Bore Size:- 500x500mm Drilling depth:- 110 mtr.   |                          |                    |                                     |  |                          |
| On Date:- 07-01-25  |                          |                    | Time:- 8:40                         |  |                          |
| Submitted by:- AKHILESH K.  |                          | Date:- 07-01-25    |                                     | Time:- 8:10                            |                          |
| Sign:- Akhilesh Kumar   |                          |                    |                                     |  |                          |
| Arvee:  |                          |                    |                                     |  |                          |
| Received by:  |                          | Date:              |                                     | Time:                                  |                          |
| Sign:   |                          |                    |                                     |  |                          |
| Comments:   |                          |                    |                                     |  |                          |
| (18)  |                          |                    |                                     |  |                          |
| <b>Civil Department</b>   |                          |                    | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>               | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>               | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>               | REJECTED                 |



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Format Number:-

RFI Number:-

Date:- 09-01-25

Name of Contractor: BGCCPL-RAMKY (JV)

Contract No:

### Location of Work

District:- HATHRAS

Blokv:- *Hasargen*

Scheme Name:-

*Jareenpur Bhuraka TOW-2*

Following Civil Items are ready for inspection:

Date:-

|             |                          |              |                          |                        |                          |          |                          |            |                          |
|-------------|--------------------------|--------------|--------------------------|------------------------|--------------------------|----------|--------------------------|------------|--------------------------|
| SBC         | <input type="checkbox"/> | Tube Well    | <input type="checkbox"/> | Excavation             | <input type="checkbox"/> | PCC      | <input type="checkbox"/> | RCC        | <input type="checkbox"/> |
| Shuttering  | <input type="checkbox"/> | Brick Work   | <input type="checkbox"/> | Plaster Work           | <input type="checkbox"/> | Painting | <input type="checkbox"/> | Stand Post | <input type="checkbox"/> |
| Rising Main | <input type="checkbox"/> | Back Filling | <input type="checkbox"/> | M.S/Wicket Gate/Window | <input type="checkbox"/> |          |                          |            |                          |
| Others      | <input type="text"/>     |              |                          |                        |                          |          |                          |            |                          |

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

|                 |                          |            |                          |  |                          |              |                          |                    |                          |
|-----------------|--------------------------|------------|--------------------------|--|--------------------------|--------------|--------------------------|--------------------|--------------------------|
| instrumentation | <input type="checkbox"/> | Welding    | <input type="checkbox"/> | Valves                                 | <input type="checkbox"/> | Chain Pulley | <input type="checkbox"/> | DG Set             | <input type="checkbox"/> |
| Pumpset         | <input type="checkbox"/> | Stabilizer | <input type="checkbox"/> | Pannel                                 | <input type="checkbox"/> | Solar        | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/> |
| Lighting        | <input type="checkbox"/> | EMF Meter  | <input type="checkbox"/> | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> | RTU          | <input type="checkbox"/> |                    |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter    | <input type="checkbox"/> | Piping-DI ( )                          | HDPE ( )                 | M.S ( )      | <input type="checkbox"/> | Others             | <input type="checkbox"/> |

Work Descriptions:- *Inspection of E-logging Work*

*Discharge- 290 LPM Bore size- 500x500mm logging depth- 110 mtr.*

On Date:- 09-01-25

Time:- 10:20

Submitted by:- *Ashish Kumar* Date: 09-01-25 Time: 9:50 Sign: *Ashish Kumar*

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

| Civil Department |  | E&M, I/C Department |  |
|------------------|--|---------------------|--|
| NAME             | <input type="checkbox"/> APPROVED          | NAME                | <input type="checkbox"/> APPROVED          |
| DESIG            | <input type="checkbox"/> APPROVED AS NOTED | DESIG               | <input type="checkbox"/> APPROVED AS NOTED |
| SIGN             | <input type="checkbox"/> REJECTED          | SIGN                | <input type="checkbox"/> REJECTED          |



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| Name of Contractor: BGCCPL-RAMKY (JV)  |                          | Contract No:       |                                     |   |                          |
| <b>Location of Work</b>  |                          |                    |                                     |   |                          |
| District:- HATHRAS   |                          | Block:- HASAYAN    |                                     | Scheme Name:- Jareenpur Bhuraka T/H-2           |                          |
| Following Civil Items are ready for inspection:  |                          |                    |                                     | Date:-  |                          |
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| PCC  | <input type="checkbox"/> | RCC                | <input type="checkbox"/>            |   |                          |
| Shuttering   | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                                    | <input type="checkbox"/> |
| Painting   | <input type="checkbox"/> | Stand Post         | <input type="checkbox"/>            |   |                          |
| Rising Main  | <input type="checkbox"/> | Back Filling       | <input type="checkbox"/>            | M.S/Wicket Gate/Window <input type="checkbox"/> |                          |
| Others <input type="checkbox"/>  |                          |                    |                                     |   |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection:  |                          |                    |                                     | Date:-  |                          |
| instrumentation  | <input type="checkbox"/> | Welding            | <input type="checkbox"/>            | Valves  | <input type="checkbox"/> |
| Chain Pulley   | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |   |                          |
| Pumpset  | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel  | <input type="checkbox"/> |
| Solar  | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |   |                          |
| Lighting   | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter          | <input type="checkbox"/> |
| RTU  | <input type="checkbox"/> |                    |                                     |   |                          |
| Earthing Cable   | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )                  | <input type="checkbox"/> |
| Others   | <input type="checkbox"/> |                    |                                     |   |                          |
| Work Descriptions:- Lowering of M.S. plane pipe, Screen pipe (200mm dia) for gravel and fitting work start T.H-2 |                          |                    |                                     |   |                          |
| Discharge-290LPM Bore size-500x500mm Lowering depth-90 mtr.  |                          |                    |                                     |   |                          |
| On Date:- 13-01-25   |                          |                    | Time:- 12:30                        |   |                          |
| Submitted by:- AKHILESH KU.  |                          |                    | Date: 13-01-25                      |   | Time: 09:00              |
| Sign: Akhilesh Kumar   |                          |                    |                                     |   |                          |
| Arvee:   |                          |                    |                                     |   |                          |
| Received by:   |                          | Date:              |                                     | Time:   |                          |
| Sign:  |                          |                    |                                     |   |                          |
| Comments:  |                          |                    |                                     |   |                          |
| Civil Department   |                          |                    | E&M, I/C Department                 |   |                          |
| NAME   | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>                        | APPROVED                 |
| DESIG  | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>                        | APPROVED AS NOTED        |
| SIGN   | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>                        | REJECTED                 |

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 488

Date:- 09-01-2025

### NAME OF SITE

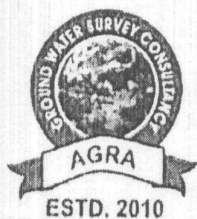
GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras

### NAME OF AGENCY

M/s Braj Gopal Construction  
Hathras

### NAME OF SITE

GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras



### NAME OF AGENCY

## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JARINPUR BHUKRA, BLOCK- HASAYAN, DISTT- HATHRAS  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.Jan.2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

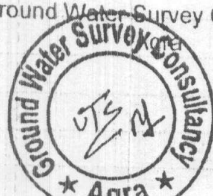
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.85 Ohms.

Approx Water Level = 15 Mtr.

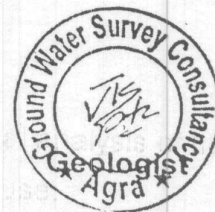
| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 10         | 5            | Clay kankar         |                        |
| 3.    | 10 - 17        | 7            | Fine sand           |                        |
| 4.    | 17 - 25        | 8            | Clay kankar         |                        |
| 5.    | 25 - 30        | 5            | Fine to Medium sand | Medium                 |
| 6.    | 30 - 38        | 8            | Clay kankar         |                        |
| 7.    | 38 - 46*       | 8            | Medium sand         | Medium                 |
| 8.    | 46 - 60        | 14           | Clay kankar         |                        |
| 9.    | 60 - 66        | 6            | Fine to Medium sand | Medium                 |
| 10.   | 66 - 77        | 11           | Clay kankar         |                        |
| 11.   | 77 - 83        | 6            | Fine to Medium sand | Medium                 |
| 12.   | 83 - 110       | 27           | Clay kankar         |                        |

Ground Water Survey Consultancy

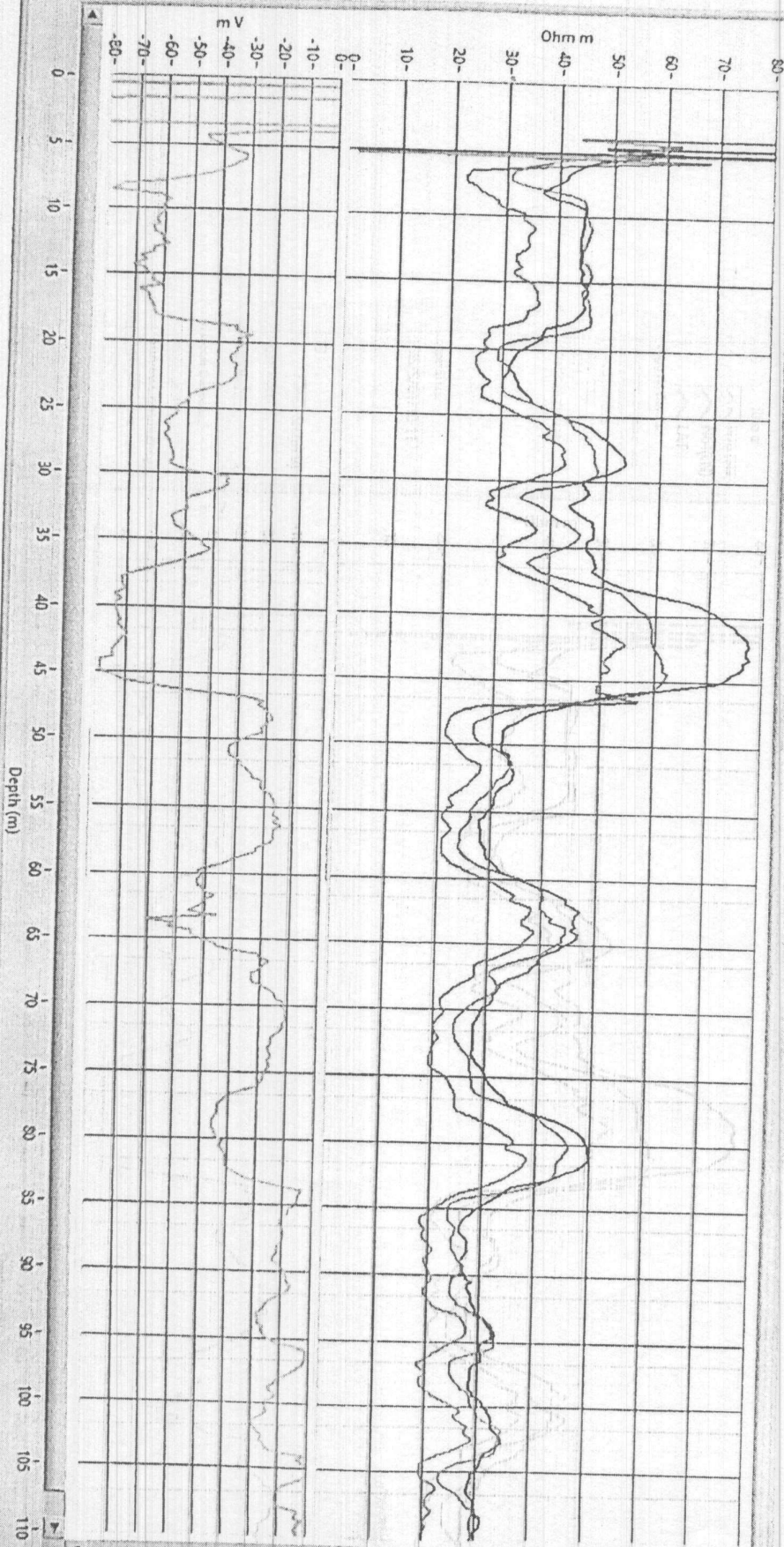


**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Rho a  
 NI6 (SN)  
 NS4 (IN)  
 LAT  
 Logging Details  
 Log No. 10/10-11  
 Log Date 10/10-11  
 Log Time 10:10  
 Log Location  
 Log Operator  
 Log Station  
 Log Book  
 DMP-2  
 Ground Water  
 Survey Consultancy  
 Agra UP India



### PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Hathras

Block Name:- Mazgaon

Scheme name:- Greenpus

Bhargava T. 1. 1. 2

Rig No/Type. DC

Size Of Bore. 500 x 500

MM.

Under - JJM

Assembly Size:- 200x200 MM Required LPM:- 290

Rep.no:

| CHART  |       | PIPE LENGTH                                  | ASSEMBLY DETAILS                                 |
|--|-------|--|--|
| AGL  | M     | Pipe No. 23 =                                | Drilling Started date: 07-01-25                  |
|  |       | Pipe No. 22 =                                | Drilling Depth : 110 M (As Per DPR)              |
|  |       | Pipe No. 21 =                                | Lowering Started : 13-01-25                      |
|  |       | Pipe No. 20 =                                | Lowering Completed : 13-01-25                    |
|  |       | Pipe No. 19 =                                | Assembly Lowered : 89.03 M                       |
|  |       | Pipe No. 18 =                                | Housing Pipe ø MM M                              |
|  |       | Pipe No. 17 =                                | Plain Pipe ø 200 MM 71.53 M                      |
|  |       | Pipe No. 16 =                                | Screen Pipe ø 200 MM 18.00 M                     |
|  |       | Pipe No. 15 =                                | Slotted Pipe ø MM M                              |
|  |       | Pipe No. 14 =                                | Total Assembly length + AGL 89.03 + 0.50 = 89.53 |
|  |       | Pipe No. 13 =                                | Actual Drilling Depth 110 M                      |
| 6.03   | 0.50  | Pipe No. 12 =                                |  |
| 6.03   |       | Pipe No. 11 =                                |  |
| 6.03   |       | Pipe No. 10 =                                |  |
| 6.03   |       | Pipe No. 9 =                                 |  |
| 6.03   |       | Pipe No. 8 =                                 |  |
| 3.82   |       | Pipe No. 7 =                                 |  |
| 6.03   | 39.50 | Pipe No. 6 =                                 |  |
| 6.00   | 45.50 | Pipe No. 5 =                                 |  |
| 6.03   |       | Pipe No. 4 =                                 |  |
| 2.44   |       | Pipe No. 3 =                                 |  |
| 6.03   | 60.00 | Pipe No. 2 =                                 |  |
| 6.00   | 66.00 | Pipe No. 1 =                                 |  |
| 6.03   |       |  |  |
| 4.97   | 77.00 |  |  |
| 6.00   | 83.00 |  |  |
| 6.03   | 89.03 |  |  |
| Bail Plug  |       |  |  |
| Akhilesh Kumar<br>BGCCPL-Ramky (JV) Representative |       | TPI Representative<br>UPJN(R) Representative |  |

G.P. : Jasinpur bhuvakra T.O. No-02

Block : Masayan

District : Hathras

Required : 290 LPM

Water level → 50 feet.

300mm dia Plain Pipe : X

200mm dia Plain Pipe : 72

200mm dia Slotted Pipe : 18

90mtr

Streta :-

38-46 → 08 mtr

60-66 → 06 mtr

77-83 → 06 mtr

|      |       |
|------|-------|
| 6.00 | 0.50  |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 4.00 |       |
| 6.00 | 32.50 |
| 6.00 | 45.50 |
| 6.00 |       |
| 2.50 |       |
| 6.00 | 60.00 |
| 6.00 | 66.00 |
| 6.00 |       |
| 5.00 | 77.00 |
| 6.00 | 83.00 |
| 6.00 | 89.00 |

on Electric

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.50 mtr

200mm dia Slotted Pipe : 18.00 mtr

Total : 89.50 mtr



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| Shuttering  | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                           | <input type="checkbox"/> |
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| Others <input type="text"/>   |                          |                    |                                     |  |                          |
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| Chain Pulley  | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel                                 | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                    |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )         | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                    |                                     |  |                          |
| Work Descriptions:- Rig Machine shifting for Drilling Work            |                          |                    |                                     |  |                          |
| Discharge:- 290 LPM Bore Size:- 500x500mm Drilling depth:- 110 mtr.   |                          |                    |                                     |  |                          |
| On Date:- 07-01-25  |                          |                    | Time:- 8:40                         |  |                          |
| Submitted by:- AKHILESH K.  |                          | Date:- 07-01-25    |                                     | Time:- 8:10                            |                          |
| Sign:- Akhilesh Kumar   |                          |                    |                                     |  |                          |
| Arvee:  |                          |                    |                                     |  |                          |
| Received by:  |                          | Date:              |                                     | Time:                                  |                          |
| Sign:   |                          |                    |                                     |  |                          |
| Comments:   |                          |                    |                                     |  |                          |
| (18)  |                          |                    |                                     |  |                          |
| <b>Civil Department</b>   |                          |                    | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>               | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>               | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>               | REJECTED                 |



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Contract No:

### Location of Work

District:- HATHRAS

Blokv:- *Harayen*

Scheme Name:-

*Jareenpur Bhuraka TOW-2*

Following Civil Items are ready for inspection:

Date:-

SBC

☐

Tube Well

☐

Excavation

☐

PCC

☐

RCC

☐

Shuttering

☐

Brick Work

☐

Plaster Work

☐

Painting

☐

Stand Post

☐

Rising Main

☐

Back Filling

☐

M.S/Wicket Gate/Window

☐

Others

☐

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

instrumentation

☐

Welding

☐

Valves

☐

Chain Pulley

☐

DG Set

☐

Pumpset

Stabilizer

☐

Pannel

☐

Solar

☐

Chlorinating Plant

☐

Lighting

EMF Meter

Level Transmitter/Pressure Transmitter

☐

RTU

☐

Earthing Cable

☐

Starter

☐

Piping-DI(

) HDPE (

) M.S (

)

☐

Others

☐

Work Descriptions:-

*Inspection of E-logging work*

*Discharge- 290 LPM Bore size- 500x500mm logging depth- 110 mtr.*

On Date:- 09-01-25

Time:- 10:20

Submitted by:- *Ashish Kumar* Date: 09-01-25 Time: 9:50

Sign: *Ashish Kumar*

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

### Civil Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED

### E&M, I/C Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED



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| Name of Contractor: BGCCPL-RAMKY (JV)   |                          | Contract No:           |                                     |  |                          |
| <b>Location of Work</b>   |                          |                        |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- <u>Hathras</u> |                                     | Scheme Name:- <u>Jareenpur Bhuraka T/H-2</u> |                          |
| Following Civil Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| SBC   | <input type="checkbox"/> | Tube Well              | <input checked="" type="checkbox"/> | Excavation                                   | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                    | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work             | <input type="checkbox"/>            | Plaster Work                                 | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post             | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling           | <input type="checkbox"/>            | M.S/Wicket Gate/Window                       | <input type="checkbox"/> |
| Others <input type="checkbox"/>   |                          |                        |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| instrumentation   | <input type="checkbox"/> | Welding                | <input type="checkbox"/>            | Valves                                       | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set                 | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer             | <input type="checkbox"/>            | Pannel                                       | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant     | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter              | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter       | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                        |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter                | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )               | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                        |                                     |  |                          |
| Work Descriptions:- <u>Lowering of M.S. plane pipe, Screen pipe (200mm dia) for gravel and fitting work start T.H-2</u> |                          |                        |                                     |  |                          |
| <u>Discharge-290LPM Bore size-500x500mm Lowering depth-90 mtr.</u>  |                          |                        |                                     |  |                          |
| On Date:- 13-01-25  |                          |                        | Time:- 12:30                        |  |                          |
| Submitted by:- <u>AKHILESH KU.</u>  |                          |                        | Date: 13-01-25                      |  | Time: 09:00              |
| Sign: <u>Akhilesh Kumar</u>   |                          |                        |                                     |  |                          |
| Arvee:  |                          |                        |                                     |  |                          |
| Received by:  |                          | Date:                  |                                     | Time:  |                          |
| Sign:   |                          |                        |                                     |  |                          |
| Comments:   |                          |                        |                                     |  |                          |
| <b>Civil Department</b>   |                          |                        | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED               | NAME                                | <input type="checkbox"/>                     | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED      | DESIG                               | <input type="checkbox"/>                     | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED                | SIGN                                | <input type="checkbox"/>                     | REJECTED                 |

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 488

Date:- 09-01-2025

### NAME OF SITE

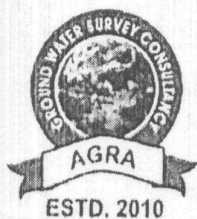
GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras

### NAME OF AGENCY

M/s Braj Gopal Construction  
Hathras

### NAME OF SITE

GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras



### NAME OF AGENCY

## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JARINPUR BHUKRA, BLOCK- HASAYAN, DISTT- HATHRAS  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.Jan.2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

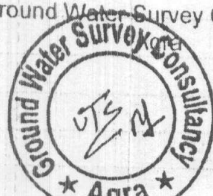
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.85 Ohms.

Approx Water Level = 15 Mtr.

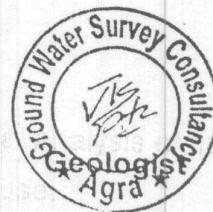
| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 10         | 5            | Clay kankar         |                        |
| 3.    | 10 - 17        | 7            | Fine sand           |                        |
| 4.    | 17 - 25        | 8            | Clay kankar         |                        |
| 5.    | 25 - 30        | 5            | Fine to Medium sand | Medium                 |
| 6.    | 30 - 38        | 8            | Clay kankar         |                        |
| 7.    | 38 - 46*       | 8            | Medium sand         | Medium                 |
| 8.    | 46 - 60        | 14           | Clay kankar         |                        |
| 9.    | 60 - 66        | 6            | Fine to Medium sand | Medium                 |
| 10.   | 66 - 77        | 11           | Clay kankar         |                        |
| 11.   | 77 - 83        | 6            | Fine to Medium sand | Medium                 |
| 12.   | 83 - 110       | 27           | Clay kankar         |                        |

Ground Water Survey Consultancy

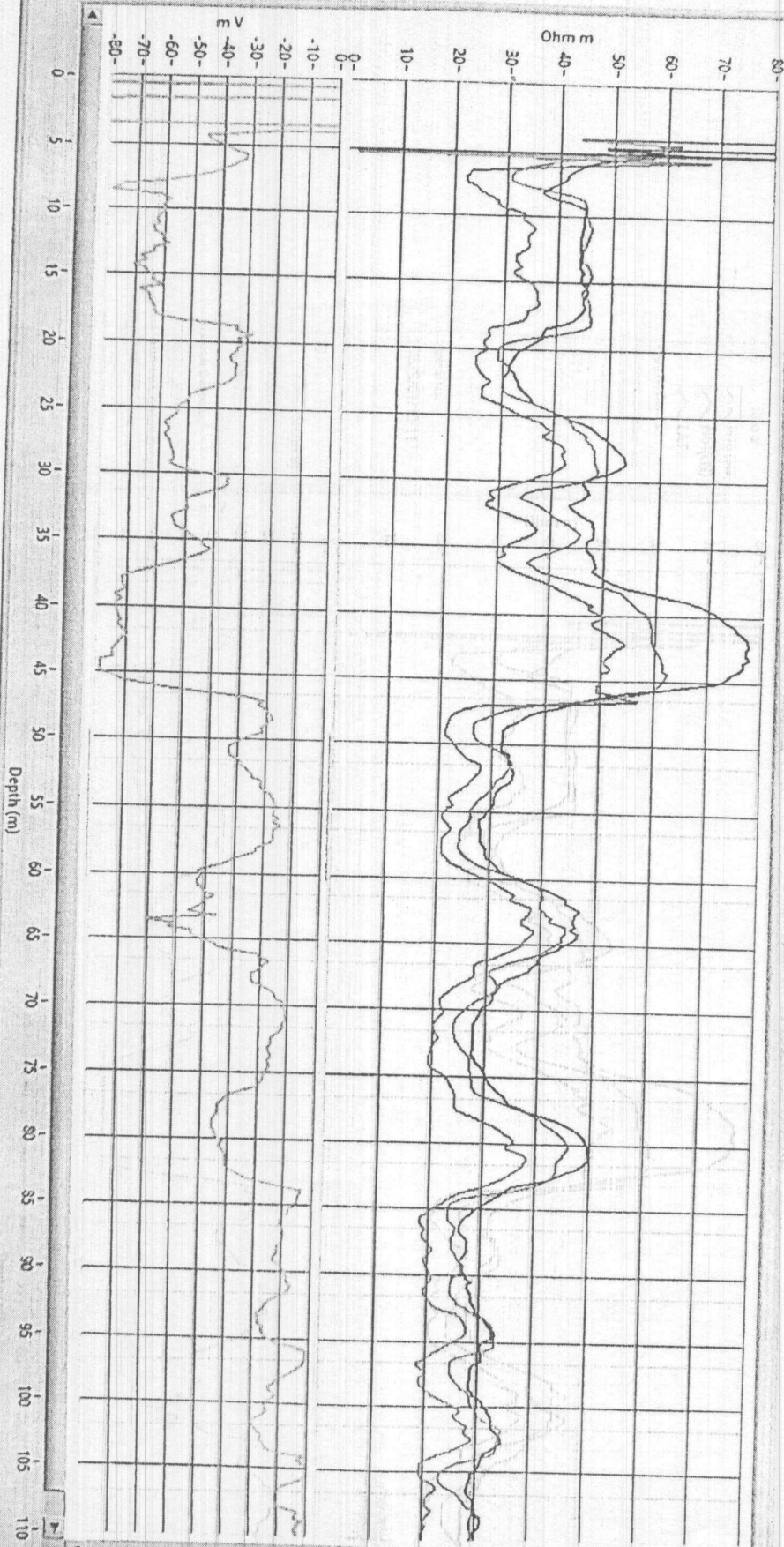


**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Rho a  
 NI6 (SN)  
 NS4 (IN)  
 LAT  
 Logging Details  
 Log No. 10/10-11  
 Log Date 10/10-11  
 Log Time 10:10  
 Log Location  
 Log Operator  
 Log Station  
 Log Book  
 DMP-2  
 Ground Water  
 Survey Consultancy  
 Agra UP India





| CHART                            |       | PIPE LENGTH        | ASSEMBLY DETAILS                                 |
|----------------------------------|-------|--------------------|--|
| AGL                              | M     | Pipe No. 23 =      | Drilling Started date: 07-01-25                  |
|                                  |       | Pipe No. 22 =      | Drilling Depth : 110 M (As Per DPR)              |
|                                  |       | Pipe No. 21 =      | Lowering Started : 13-01-25                      |
|                                  |       | Pipe No. 20 =      | Lowering Completed : 13-01-25                    |
|                                  |       | Pipe No. 19 =      | Assembly Lowered : 89.03 M                       |
|                                  |       | Pipe No. 18 =      | Housing Pipe ø MM M                              |
|                                  |       | Pipe No. 17 =      | Plain Pipe ø 200 MM 71.53 M                      |
|                                  |       | Pipe No. 16 =      | Screen Pipe ø 200 MM 18.00 M                     |
|                                  |       | Pipe No. 15 =      | Slotted Pipe ø MM M                              |
|                                  |       | Pipe No. 14 =      | Total Assembly length + AGL 89.03 + 0.50 = 89.53 |
|                                  |       | Pipe No. 13 =      | Actual Drilling Depth 110 M                      |
| 6.03                             | 0.50  | Pipe No. 12 =      |  |
| 6.03                             |       | Pipe No. 11 =      |  |
| 6.03                             |       | Pipe No. 10 =      |  |
| 6.03                             |       | Pipe No. 9 =       |  |
| 6.03                             |       | Pipe No. 8 =       |  |
| 3.82                             |       | Pipe No. 7 =       |  |
| 6.03                             | 39.50 | Pipe No. 6 =       |  |
| 6.00                             | 45.50 | Pipe No. 5 =       |  |
| 6.03                             |       | Pipe No. 4 =       |  |
| 2.44                             |       | Pipe No. 3 =       |  |
| 6.03                             | 60.00 | Pipe No. 2 =       |  |
| 6.00                             | 66.00 | Pipe No. 1 =       |  |
| 6.03                             |       |                    |  |
| 4.97                             | 77.00 |                    |  |
| 6.00                             | 83.00 |                    |  |
| 6.03                             | 89.03 |                    |  |
| Bail Plug                        |       |                    |  |
| Akhilesh Kumar                   |       | TPI Representative | UPJN(R) Representative                           |
| BGCCPL-Ramky (JV) Representative |       |                    |  |

G.P. : Jasinpur bhuvaker T.O. No-02

Block : Masayan

District : Hathras

Required : 290 LPM

Water level → 50 feet.

300mm dia Plain Pipe : X

200mm dia Plain Pipe : 72

200mm dia Slotted Pipe : 18

90mtr

Streta :-

38-46 → 08 mtr

60-66 → 06 mtr

77-83 → 06 mtr

|      |       |
|------|-------|
| 6.00 | 0.50  |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 4.00 |       |
| 6.00 | 32.50 |
| 6.00 | 45.50 |
| 6.00 |       |
| 2.50 |       |
| 6.00 | 60.00 |
| 6.00 | 66.00 |
| 6.00 |       |
| 5.00 | 77.00 |
| 6.00 | 83.00 |
| 6.00 | 89.00 |

on Electric

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.50 mtr

200mm dia Slotted Pipe : 18.00 mtr

Total : 89.50 mtr



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**PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS**

**FORMAT NAME :- REQUEST FOR INSPECTION (RFI)**

|   |                          |                    |                                     |  |                          |
|---|--------------------------|--------------------|-------------------------------------|--|--------------------------|
| Format Number:-   |                          | RFI Number:-       |                                     | Date:- 07-01-25                        |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)                                 |                          | Contract No:       |                                     |  |                          |
| <b>Location of Work</b>   |                          |                    |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- Harayan    |                                     | Scheme Name:- Jareenpur Bhuraga T.W-2  |                          |
| Following Civil Items are ready for inspection:                       |                          |                    |                                     | Date:-                                 |                          |
| SBC   | <input type="checkbox"/> | Tube Well          | <input checked="" type="checkbox"/> | Excavation                             | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                           | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post         | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling       | <input type="checkbox"/>            | M.S/Wicket Gate/Window                 | <input type="checkbox"/> |
| Others <input type="text"/>   |                          |                    |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection: |                          |                    |                                     | Date:-                                 |                          |
| instrumentation   | <input type="checkbox"/> | Welding            | <input type="checkbox"/>            | Valves                                 | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel                                 | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                    |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )         | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                    |                                     |  |                          |
| Work Descriptions:- Rig Machine shifting for Drilling Work            |                          |                    |                                     |  |                          |
| Discharge:- 290 LPM Bore Size:- 500x500mm Drilling depth:- 110 mtr.   |                          |                    |                                     |  |                          |
| On Date:- 07-01-25  |                          |                    | Time:- 8:40                         |  |                          |
| Submitted by:- AKHILESH K.  |                          | Date:- 07-01-25    |                                     | Time:- 8:10                            |                          |
| Sign:- Akhilesh Kumar   |                          |                    |                                     |  |                          |
| Arvee:  |                          |                    |                                     |  |                          |
| Received by:  |                          | Date:              |                                     | Time:                                  |                          |
| Sign:   |                          |                    |                                     |  |                          |
| Comments:   |                          |                    |                                     |  |                          |
| (18)  |                          |                    |                                     |  |                          |
| <b>Civil Department</b>   |                          |                    | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>               | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>               | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>               | REJECTED                 |



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## PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

### FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

Format Number:-

RFI Number:-

Date:- 09-01-25

Name of Contractor: BGCCPL-RAMKY (JV)

Contract No:

### Location of Work

District:- HATHRAS

Blokv:- *Harayen*

Scheme Name:-

*Jareenpur Bhuraka TOW-2*

Following Civil Items are ready for inspection:

Date:-

SBC

☐

Tube Well

☐

Excavation

☐

PCC

☐

RCC

☐

Shuttering

☐

Brick Work

☐

Plaster Work

☐

Painting

☐

Stand Post

☐

Rising Main

☐

Back Filling

☐

M.S/Wicket Gate/Window

☐

Others

☐

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

instrumentation

☐

Welding

☐

Valves

☐

Chain Pulley

☐

DG Set

☐

Pumpset

Stabilizer

☐

Pannel

☐

Solar

☐

Chlorinating Plant

☐

Lighting

EMF Meter

Level Transmitter/Pressure Transmitter

☐

RTU

☐

Earthing Cable

☐

Starter

☐

Piping-DI(

) HDPE (

) M.S (

☐

Others

☐

Work Descriptions:-

*Inspection of E-logging work*

*Discharge- 290 LPM Bore size- 500x500mm logging depth- 110 mtr.*

On Date:- 09-01-25

Time:- 10:20

Submitted by:- *Ashish Kumar* Date: 09-01-25 Time: 9:50

Sign: *Ashish Kumar*

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

### Civil Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED

### E&M, I/C Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED



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architects engineers & consultants pvt. ltd.



## PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

### FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

|   |                          |                        |                                     |  |                          |
|---|--------------------------|------------------------|-------------------------------------|--|--------------------------|
| Format Number:-   |                          | RFI Number:-           |                                     | Date:- 13-01-25                              |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)   |                          | Contract No:           |                                     |  |                          |
| <b>Location of Work</b>   |                          |                        |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- <u>Hathras</u> |                                     | Scheme Name:- <u>Jareenpur Bhuraka T/H-2</u> |                          |
| Following Civil Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| SBC   | <input type="checkbox"/> | Tube Well              | <input checked="" type="checkbox"/> | Excavation                                   | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                    | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work             | <input type="checkbox"/>            | Plaster Work                                 | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post             | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling           | <input type="checkbox"/>            | M.S/Wicket Gate/Window                       | <input type="checkbox"/> |
| Others <input type="checkbox"/>   |                          |                        |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| instrumentation   | <input type="checkbox"/> | Welding                | <input type="checkbox"/>            | Valves                                       | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set                 | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer             | <input type="checkbox"/>            | Pannel                                       | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant     | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter              | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter       | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                        |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter                | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )               | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                        |                                     |  |                          |
| Work Descriptions:- <u>Lowering of M.S. plane pipe, Screen pipe (200mm dia) for gravel and fitting work start T.H-2</u> |                          |                        |                                     |  |                          |
| <u>Discharge-290LPM Bore size-500x500mm Lowering depth-90 mtr.</u>  |                          |                        |                                     |  |                          |
| On Date:- 13-01-25  |                          |                        | Time:- 12:30                        |  |                          |
| Submitted by:- <u>AKHILESH KU.</u>  |                          |                        | Date: 13-01-25                      |  | Time: 09:00              |
| Sign: <u>Akhilesh Kumar</u>   |                          |                        |                                     |  |                          |
| Arvee:  |                          |                        |                                     |  |                          |
| Received by:  |                          | Date:                  |                                     | Time:  |                          |
| Sign:   |                          |                        |                                     |  |                          |
| Comments:   |                          |                        |                                     |  |                          |
| <b>Civil Department</b>   |                          |                        | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED               | NAME                                | <input type="checkbox"/>                     | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED      | DESIG                               | <input type="checkbox"/>                     | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED                | SIGN                                | <input type="checkbox"/>                     | REJECTED                 |

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 488

Date:- 09-01-2025

### NAME OF SITE

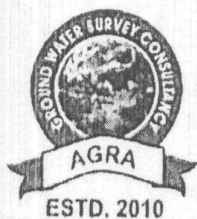
GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras

### NAME OF AGENCY

M/s Braj Gopal Construction  
Hathras

### NAME OF SITE

GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras



### NAME OF AGENCY

## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JARINPUR BHUKRA, BLOCK- HASAYAN, DISTT- HATHRAS  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.Jan.2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

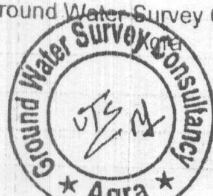
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.85 Ohms.

Approx Water Level = 15 Mtr.

| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 10         | 5            | Clay kankar         |                        |
| 3.    | 10 - 17        | 7            | Fine sand           |                        |
| 4.    | 17 - 25        | 8            | Clay kankar         |                        |
| 5.    | 25 - 30        | 5            | Fine to Medium sand | Medium                 |
| 6.    | 30 - 38        | 8            | Clay kankar         |                        |
| 7.    | 38 - 46*       | 8            | Medium sand         | Medium                 |
| 8.    | 46 - 60        | 14           | Clay kankar         |                        |
| 9.    | 60 - 66        | 6            | Fine to Medium sand | Medium                 |
| 10.   | 66 - 77        | 11           | Clay kankar         |                        |
| 11.   | 77 - 83        | 6            | Fine to Medium sand | Medium                 |
| 12.   | 83 - 110       | 27           | Clay kankar         |                        |

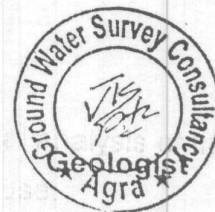
Ground Water Survey Consultancy



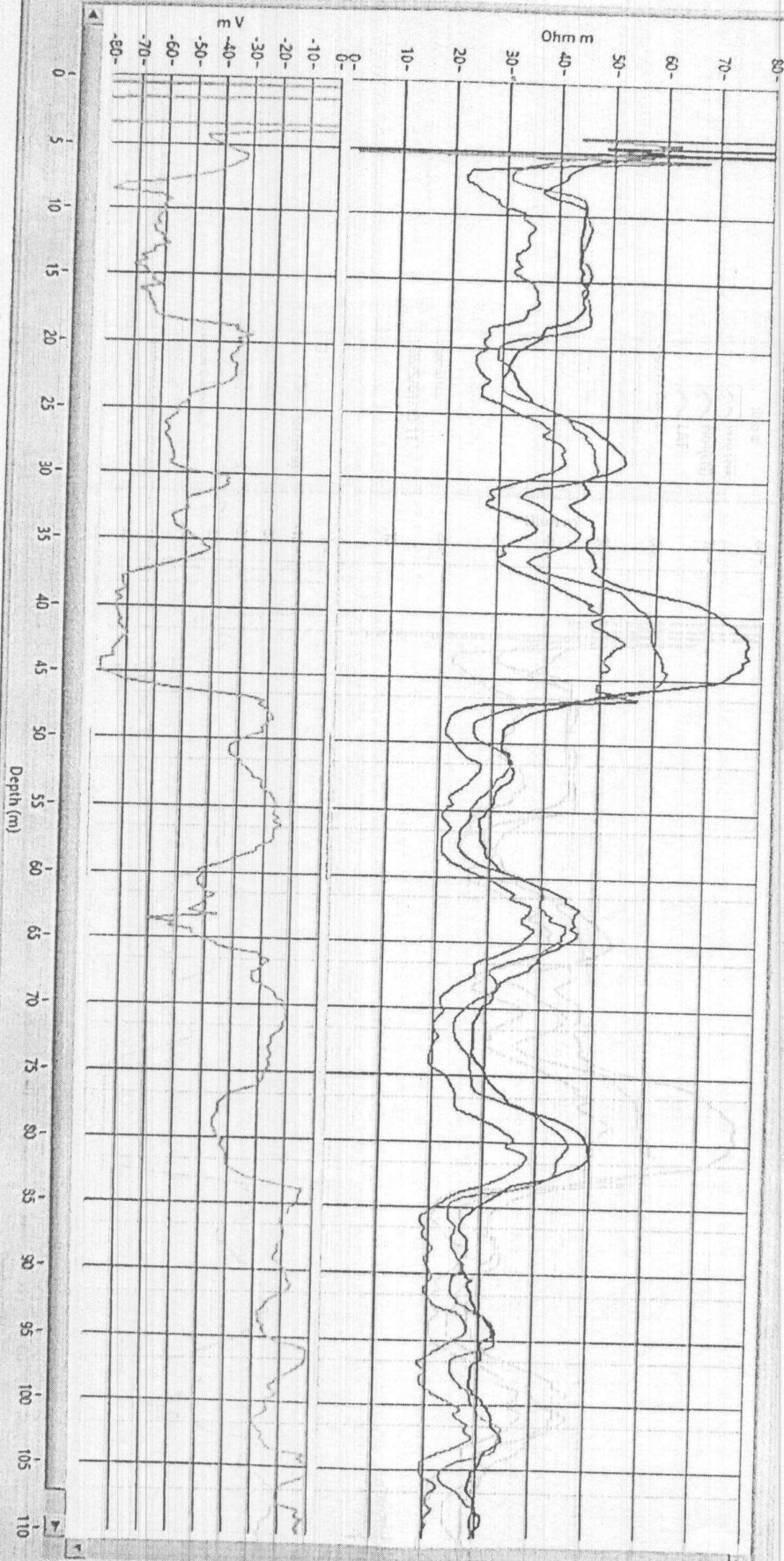


**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Rho a  
 NI6 (SN)  
 NS4 (IN)  
 LAT  
 Logging Details  
 Log No. 10/10-11  
 Log Date 10/10-11  
 Log Time 10:10  
 Log Location  
 Log Operator  
 Log Station  
 Log Book  
 DMP-2  
 Ground Water  
 Survey Consultancy  
 Agre UP India  
 India



### PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Hathras

Block Name:- Mazgaon

Scheme name:- Greenpus

Bhargava T. 1. 1. 2

Rig No/Type. DC

Size Of Bore. 500 x 500

MM.

Under - JJM

Assembly Size:- 200X200

MM

Required LPM:- 290

Rep.no:

| CHART                            |       | PIPE LENGTH        | ASSEMBLY DETAILS                                 |
|----------------------------------|-------|--------------------|--|
| AGL                              | M     | Pipe No. 23 =      | Drilling Started date: 07-01-25                  |
|                                  |       | Pipe No. 22 =      | Drilling Depth : 110 M (As Per DPR)              |
|                                  |       | Pipe No. 21 =      | Lowering Started : 13-01-25                      |
|                                  |       | Pipe No. 20 =      | Lowering Completed : 13-01-25                    |
|                                  |       | Pipe No. 19 =      | Assembly Lowered : 89.03 M                       |
|                                  |       | Pipe No. 18 =      | Housing Pipe ø MM M                              |
|                                  |       | Pipe No. 17 =      | Plain Pipe ø 200 MM 71.53 M                      |
|                                  |       | Pipe No. 16 =      | Screen Pipe ø 200 MM 18.00 M                     |
|                                  |       | Pipe No. 15 =      | Slotted Pipe ø MM M                              |
|                                  |       | Pipe No. 14 =      | Total Assembly length + AGL 89.03 + 0.50 = 89.53 |
|                                  |       | Pipe No. 13 =      | Actual Drilling Depth 110 M                      |
| 6.03                             | 0.50  | Pipe No. 12 =      |  |
| 6.03                             |       | Pipe No. 11 =      |  |
| 6.03                             |       | Pipe No. 10 =      |  |
| 6.03                             |       | Pipe No. 9 =       |  |
| 6.03                             |       | Pipe No. 8 =       |  |
| 3.82                             |       | Pipe No. 7 =       |  |
| 6.03                             | 39.50 | Pipe No. 6 =       |  |
| 6.00                             | 45.50 | Pipe No. 5 =       |  |
| 6.03                             |       | Pipe No. 4 =       |  |
| 2.44                             |       | Pipe No. 3 =       |  |
| 6.03                             | 60.00 | Pipe No. 2 =       |  |
| 6.00                             | 66.00 | Pipe No. 1 =       |  |
| 6.03                             |       |                    |  |
| 4.97                             | 77.00 |                    |  |
| 6.00                             | 83.00 |                    |  |
| 6.03                             | 89.03 |                    |  |
| Bail Plug                        |       |                    |  |
| Akshay Kumar                     |       | TPI Representative | UPJN(R) Representative                           |
| BGCCPL-Ramky (JV) Representative |       |                    |  |

G.P. : Jasinpur bhuvakra T.O. No-02

Block : Masayan

District : Hathras

Required : 290 LPM

Water level → 50 feet.

300mm dia Plain Pipe : X

200mm dia Plain Pipe : 72

200mm dia Slotted Pipe : 18

90mtr

Streta :-

38-46 → 08 mtr

60-66 → 06 mtr

77-83 → 06 mtr

|      |       |
|------|-------|
| 6.00 | 0.50  |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 4.00 |       |
| 6.00 | 32.50 |
| 6.00 | 45.50 |
| 6.00 |       |
| 2.50 |       |
| 6.00 | 60.00 |
| 6.00 | 66.00 |
| 6.00 |       |
| 5.00 | 77.00 |
| 6.00 | 83.00 |
| 6.00 | 89.00 |

on Electric

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.50 mtr

200mm dia Slotted Pipe : 18.00 mtr

Total

: 89.50 mtr



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# PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

## FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

Format Number:-

RFI Number:-

Date:- 07-01-25

Name of Contractor: BGCCPL-RAMKY (JV)

Contract No:

### Location of Work

District:- HATHRAS

Blovk:- Harayan

Scheme Name:-

Jareenpur Bhuraga T.W-2

Following Civil Items are ready for inspection:

Date:-

SBC

☐

Tube Well

☒

Excavation

☐

PCC

☐

RCC

☐

Shuttering

☐

Brick Work

☐

Plaster Work

☐

Painting

☐

Stand Post

☐

Rising Main

☐

Back Filling

☐

M.S/Wicket Gate/Window

☐

Others

☐

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

instrumentation

☐

Welding

☐

Valves

☐

Chain Pulley

☐

DG Set

☐

Pumpset

Stabilizer

☐

Pannel

☐

Solar

☐

Chlorinating Plant

☐

Lighting

EMF Meter

Level Transmitter/Pressure Transmitter

☐

RTU

☐

Earthing Cable

☐

Starter

☐

Piping-DI( )

HDPE ( )

M.S ( )

☐

Others

☐

Work Descriptions:- Rig Machine shifting for Drilling Work

Discharge:- 290 LPM Bore Size:- 500x500mm Drilling depth:- 110 mtr.

On Date:- 07-01-25

Time:- 8:40

Submitted by:- AKHILESH K. Date: 07-01-25 Time: 8:10

Sign: Akhilesh Kumar

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

(18)

### Civil Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJETED

### E&M, I/C Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED



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# PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

## FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

Format Number:-

RFI Number:-

Date:- 09-01-25

Name of Contractor: BGCCPL-RAMKY (JV)

Contract No:

### Location of Work

District:- HATHRAS

Blokv:- *Harayen*

Scheme Name:-

*Jareenpur Bhuraka TOW-2*

Following Civil Items are ready for inspection:

Date:-

|             |                          |              |                          |                        |                          |          |                          |            |                          |
|-------------|--------------------------|--------------|--------------------------|------------------------|--------------------------|----------|--------------------------|------------|--------------------------|
| SBC         | <input type="checkbox"/> | Tube Well    | <input type="checkbox"/> | Excavation             | <input type="checkbox"/> | PCC      | <input type="checkbox"/> | RCC        | <input type="checkbox"/> |
| Shuttering  | <input type="checkbox"/> | Brick Work   | <input type="checkbox"/> | Plaster Work           | <input type="checkbox"/> | Painting | <input type="checkbox"/> | Stand Post | <input type="checkbox"/> |
| Rising Main | <input type="checkbox"/> | Back Filling | <input type="checkbox"/> | M.S/Wicket Gate/Window | <input type="checkbox"/> |          |                          |            |                          |
| Others      | <input type="text"/>     |              |                          |                        |                          |          |                          |            |                          |

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

|                 |                          |            |                          |  |                          |              |                          |                    |                          |
|-----------------|--------------------------|------------|--------------------------|--|--------------------------|--------------|--------------------------|--------------------|--------------------------|
| instrumentation | <input type="checkbox"/> | Welding    | <input type="checkbox"/> | Valves                                 | <input type="checkbox"/> | Chain Pulley | <input type="checkbox"/> | DG Set             | <input type="checkbox"/> |
| Pumpset         | <input type="checkbox"/> | Stabilizer | <input type="checkbox"/> | Pannel                                 | <input type="checkbox"/> | Solar        | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/> |
| Lighting        | <input type="checkbox"/> | EMF Meter  | <input type="checkbox"/> | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> | RTU          | <input type="checkbox"/> |                    |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter    | <input type="checkbox"/> | Piping-DI ( )                          | HDPE ( )                 | M.S ( )      | <input type="checkbox"/> | Others             | <input type="checkbox"/> |

Work Descriptions:- *Inspection of E-logging work*

*Discharge- 290 LPM Bore size- 500x500mm logging depth- 110 mtr.*

On Date:- 09-01-25

Time:- 10:20

Submitted by:- *Ashish Kumar* Date: 09-01-25 Time: 9:50 Sign: *Ashish Kumar*

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

| Civil Department |  | E&M, I/C Department |  |
|------------------|--|---------------------|--|
| NAME             | <input type="checkbox"/> APPROVED          | NAME                | <input type="checkbox"/> APPROVED          |
| DESIG            | <input type="checkbox"/> APPROVED AS NOTED | DESIG               | <input type="checkbox"/> APPROVED AS NOTED |
| SIGN             | <input type="checkbox"/> REJECTED          | SIGN                | <input type="checkbox"/> REJECTED          |



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## PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

### FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

|   |                          |                        |                                     |  |                          |
|---|--------------------------|------------------------|-------------------------------------|--|--------------------------|
| Format Number:-   |                          | RFI Number:-           |                                     | Date:- 13-01-25                              |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)   |                          | Contract No:           |                                     |  |                          |
| <b>Location of Work</b>   |                          |                        |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- <u>Hathras</u> |                                     | Scheme Name:- <u>Jareenpur Bhuraka T/H-2</u> |                          |
| Following Civil Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| SBC   | <input type="checkbox"/> | Tube Well              | <input checked="" type="checkbox"/> | Excavation                                   | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                    | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work             | <input type="checkbox"/>            | Plaster Work                                 | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post             | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling           | <input type="checkbox"/>            | M.S/Wicket Gate/Window                       | <input type="checkbox"/> |
| Others <input type="checkbox"/>   |                          |                        |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection:   |                          |                        |                                     | Date:-                                       |                          |
| instrumentation   | <input type="checkbox"/> | Welding                | <input type="checkbox"/>            | Valves                                       | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set                 | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer             | <input type="checkbox"/>            | Pannel                                       | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant     | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter              | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter       | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                        |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter                | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )               | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                        |                                     |  |                          |
| Work Descriptions:- <u>Lowering of M.S. plane pipe, Screen pipe (200mm dia) for gravel and fitting work start T.H-2</u> |                          |                        |                                     |  |                          |
| <u>Discharge-290LPM Bore size-500x500mm Lowering depth-90 mtr.</u>  |                          |                        |                                     |  |                          |
| On Date:- 13-01-25  |                          |                        | Time:- 12:30                        |  |                          |
| Submitted by:- <u>AKHILESH KU.</u>  |                          |                        | Date: 13-01-25                      |  | Time: 09:00              |
| Sign: <u>Akhilesh Kumar</u>   |                          |                        |                                     |  |                          |
| Arvee:  |                          |                        |                                     |  |                          |
| Received by:  |                          | Date:                  |                                     | Time:  |                          |
| Sign:   |                          |                        |                                     |  |                          |
| Comments:   |                          |                        |                                     |  |                          |
| <b>Civil Department</b>   |                          |                        | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED               | NAME                                | <input type="checkbox"/>                     | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED      | DESIG                               | <input type="checkbox"/>                     | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED                | SIGN                                | <input type="checkbox"/>                     | REJECTED                 |

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 488

Date:- 09-01-2025

### NAME OF SITE

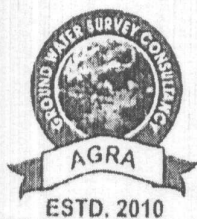
GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras

### NAME OF AGENCY

M/s Braj Gopal Construction  
Hathras

### NAME OF SITE

GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras



### NAME OF AGENCY

## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JARINPUR BHUKRA, BLOCK- HASAYAN, DISTT- HATHRAS  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.Jan.2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

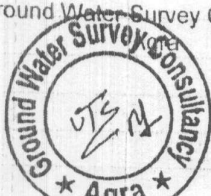
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.85 Ohms.

Approx Water Level = 15 Mtr.

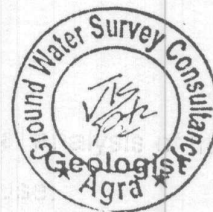
| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 10         | 5            | Clay kankar         |                        |
| 3.    | 10 - 17        | 7            | Fine sand           |                        |
| 4.    | 17 - 25        | 8            | Clay kankar         |                        |
| 5.    | 25 - 30        | 5            | Fine to Medium sand | Medium                 |
| 6.    | 30 - 38        | 8            | Clay kankar         |                        |
| 7.    | 38 - 46*       | 8            | Medium sand         | Medium                 |
| 8.    | 46 - 60        | 14           | Clay kankar         |                        |
| 9.    | 60 - 66        | 6            | Fine to Medium sand | Medium                 |
| 10.   | 66 - 77        | 11           | Clay kankar         |                        |
| 11.   | 77 - 83        | 6            | Fine to Medium sand | Medium                 |
| 12.   | 83 - 110       | 27           | Clay kankar         |                        |

Ground Water Survey Consultancy

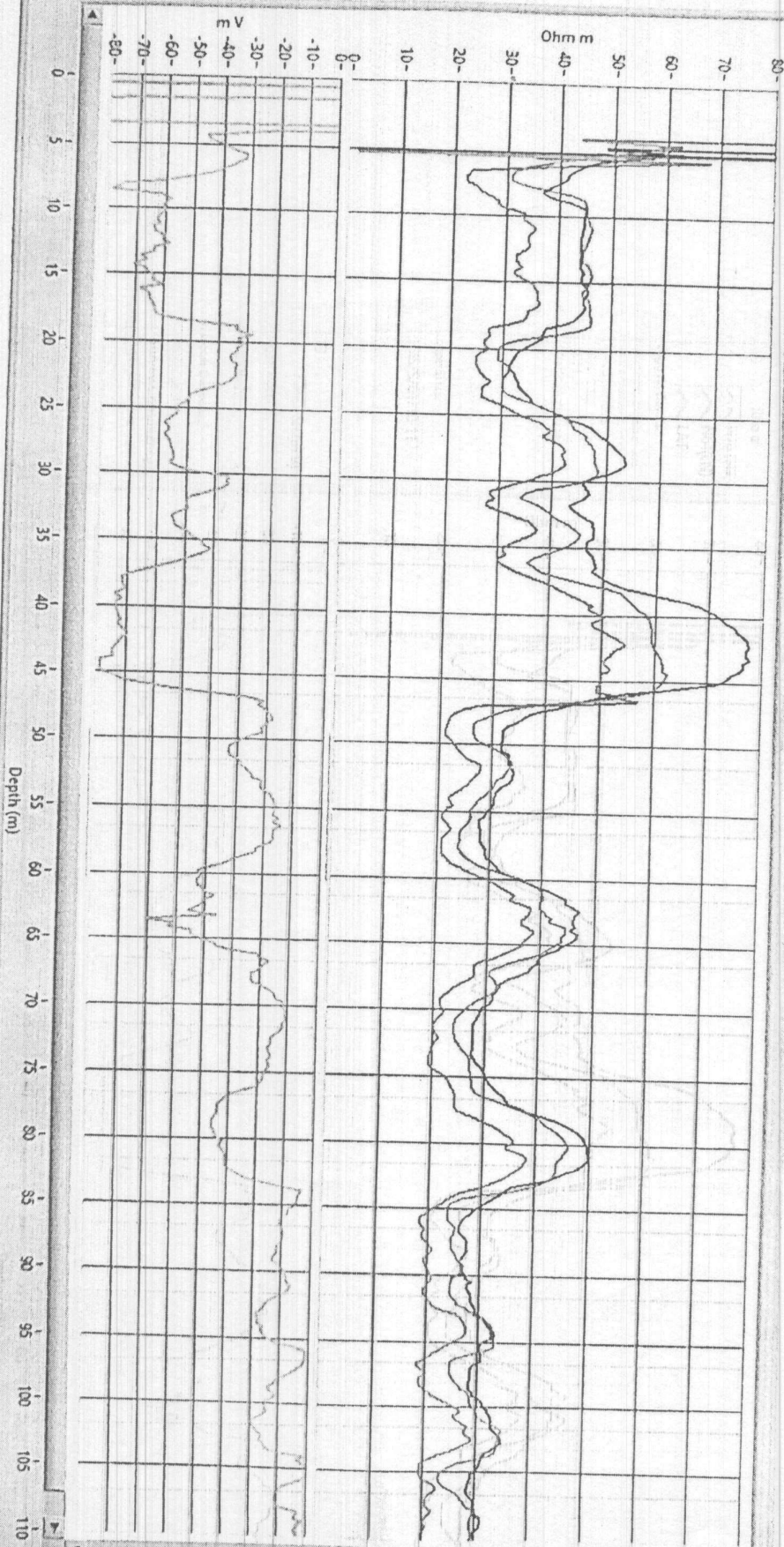


**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Rho a  
 NI6 (SN)  
 NS4 (IN)  
 LAT  
 Logging Details  
 Log No. 10/10-11  
 Log Date 10/10-11  
 Log Time 10:10  
 Log Location  
 Log Operator  
 Log Station  
 Log Book  
 DMP-2  
 Ground Water  
 Survey Consultancy  
 Agra UP India





| CHART                            |       | PIPE LENGTH        | ASSEMBLY DETAILS                                 |
|----------------------------------|-------|--------------------|--|
| AGL                              | M     | Pipe No. 23 =      | Drilling Started date: 07-01-25                  |
|                                  |       | Pipe No. 22 =      | Drilling Depth : 110 M (As Per DPR)              |
|                                  |       | Pipe No. 21 =      | Lowering Started : 13-01-25                      |
|                                  |       | Pipe No. 20 =      | Lowering Completed : 13-01-25                    |
|                                  |       | Pipe No. 19 =      | Assembly Lowered : 89.03 M                       |
|                                  |       | Pipe No. 18 =      | Housing Pipe $\phi$ MM M                         |
|                                  |       | Pipe No. 17 =      | Plain Pipe $\phi$ 200 MM 71.53 M                 |
|                                  |       | Pipe No. 16 =      | Screen Pipe $\phi$ 200 MM 18.00 M                |
|                                  |       | Pipe No. 15 =      | Slotted Pipe $\phi$ MM M                         |
|                                  |       | Pipe No. 14 =      | Total Assembly length + AGL 89.03 + 0.50 = 89.53 |
|                                  |       | Pipe No. 13 =      | Actual Drilling Depth 110 M                      |
| 6.03                             | 0.50  | Pipe No. 12 =      |  |
| 6.03                             |       | Pipe No. 11 =      |  |
| 6.03                             |       | Pipe No. 10 =      |  |
| 6.03                             |       | Pipe No. 9 =       |  |
| 6.03                             |       | Pipe No. 8 =       |  |
| 3.82                             |       | Pipe No. 7 =       |  |
| 6.03                             | 39.50 | Pipe No. 6 =       |  |
| 6.00                             | 45.50 | Pipe No. 5 =       |  |
| 6.03                             |       | Pipe No. 4 =       |  |
| 2.44                             |       | Pipe No. 3 =       |  |
| 6.03                             | 60.00 | Pipe No. 2 =       |  |
| 6.00                             | 66.00 | Pipe No. 1 =       |  |
| 6.03                             |       |                    |  |
| 4.97                             | 77.00 |                    |  |
| 6.00                             | 83.00 |                    |  |
| 6.03                             | 89.03 |                    |  |
| Bail Plug                        |       |                    |  |
| Akhilesh Kumar                   |       | TPI Representative | UPJN(R) Representative                           |
| BGCCPL-Ramky (JV) Representative |       |                    |  |

G.P. : Jaisinpur bhuvakra T.O. No-02

Block : Masayan

District : Hathras

Required : 290 LPM

Water level → 50 feet.

300mm dia Plain Pipe : X

200mm dia Plain Pipe : 72

200mm dia Slotted Pipe : 18

90mtr

Streta :-

38-46 → 08 mtr

60-66 → 06 mtr

77-83 → 06 mtr

|      |       |
|------|-------|
| 6.00 | 0.50  |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 4.00 |       |
| 6.00 | 32.50 |
| 6.00 | 45.50 |
| 6.00 |       |
| 2.50 |       |
| 6.00 | 60.00 |
| 6.00 | 66.00 |
| 6.00 |       |
| 5.00 | 77.00 |
| 6.00 | 83.00 |
| 6.00 | 89.00 |

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.50 mtr

200mm dia Slotted Pipe : 18.00 mtr

**Total : 89.50 mtr**



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**PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS**

**FORMAT NAME :- REQUEST FOR INSPECTION (RFI)**

|   |                          |                    |                                     |  |                          |
|---|--------------------------|--------------------|-------------------------------------|--|--------------------------|
| Format Number:-   |                          | RFI Number:-       |                                     | Date:- 07-01-25                        |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)                                 |                          | Contract No:       |                                     |  |                          |
| <b>Location of Work</b>   |                          |                    |                                     |  |                          |
| District:- HATHRAS  |                          | Block:- Harayan    |                                     | Scheme Name:- Jareenpur Bhuraga T.W-2  |                          |
| Following Civil Items are ready for inspection:                       |                          |                    |                                     | Date:-                                 |                          |
| SBC   | <input type="checkbox"/> | Tube Well          | <input checked="" type="checkbox"/> | Excavation                             | <input type="checkbox"/> |
| PCC   | <input type="checkbox"/> | RCC                | <input type="checkbox"/>            |  |                          |
| Shuttering  | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                           | <input type="checkbox"/> |
| Painting  | <input type="checkbox"/> | Stand Post         | <input type="checkbox"/>            |  |                          |
| Rising Main   | <input type="checkbox"/> | Back Filling       | <input type="checkbox"/>            | M.S/Wicket Gate/Window                 | <input type="checkbox"/> |
| Others <input type="text"/>   |                          |                    |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection: |                          |                    |                                     | Date:-                                 |                          |
| instrumentation   | <input type="checkbox"/> | Welding            | <input type="checkbox"/>            | Valves                                 | <input type="checkbox"/> |
| Chain Pulley  | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |  |                          |
| Pumpset   | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel                                 | <input type="checkbox"/> |
| Solar   | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |  |                          |
| Lighting  | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> |
| RTU   | <input type="checkbox"/> |                    |                                     |  |                          |
| Earthing Cable  | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )         | <input type="checkbox"/> |
| Others  | <input type="checkbox"/> |                    |                                     |  |                          |
| Work Descriptions:- Rig Machine shifting for Drilling Work            |                          |                    |                                     |  |                          |
| Discharge:- 290 LPM Bore Size:- 500x500mm Drilling depth:- 110 mtr.   |                          |                    |                                     |  |                          |
| On Date:- 07-01-25  |                          |                    | Time:- 8:40                         |  |                          |
| Submitted by:- AKHILESH K.  |                          | Date:- 07-01-25    |                                     | Time:- 8:10                            |                          |
| Sign:- Akhilesh Kumar   |                          |                    |                                     |  |                          |
| Arvee:  |                          |                    |                                     |  |                          |
| Received by:  |                          | Date:              |                                     | Time:                                  |                          |
| Sign:   |                          |                    |                                     |  |                          |
| Comments:   |                          |                    |                                     |  |                          |
| (18)  |                          |                    |                                     |  |                          |
| <b>Civil Department</b>   |                          |                    | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME  | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>               | APPROVED                 |
| DESIG   | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>               | APPROVED AS NOTED        |
| SIGN  | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>               | REJECTED                 |



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# PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

## FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

Format Number:-

RFI Number:-

Date:- 09-01-25

Name of Contractor: BGCCPL-RAMKY (JV)

Contract No:

### Location of Work

District:- HATHRAS

Blokv:- *Harayen*

Scheme Name:-

*Jareenpur Bhuraka TOW-2*

Following Civil Items are ready for inspection:

Date:-

SBC

☐

Tube Well

☐

Excavation

☐

PCC

☐

RCC

☐

Shuttering

☐

Brick Work

☐

Plaster Work

☐

Painting

☐

Stand Post

☐

Rising Main

☐

Back Filling

☐

M.S/Wicket Gate/Window

☐

Others

☐

Following Mechanical, Electrical, C&I Items are ready for inspection:

Date:-

instrumentation

☐

Welding

☐

Valves

☐

Chain Pulley

☐

DG Set

☐

Pumpset

Stabilizer

☐

Pannel

☐

Solar

☐

Chlorinating Plant

☐

Lighting

EMF Meter

Level Transmitter/Pressure Transmitter

☐

RTU

☐

Earthing Cable

☐

Starter

☐

Piping-DI( )

HDPE ( )

M.S ( )

☐

Others

☐

Work Descriptions:-

*Inspection of E-logging Work*

*Discharge- 290 LPM Bore size- 500x500mm logging depth- 110 mtr.*

On Date:- 09-01-25

Time:- 10:20

Submitted by:- *Ashish Kumar*

Date: 09-01-25

Time: 9:50

Sign: *Ashish Kumar*

Arvee:

Received by:

Date:

Time:

Sign:

Comments:

### Civil Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED

### E&M, I/C Department

NAME

☐

APPROVED

DESIG

☐

APPROVED AS NOTED

SIGN

☐

REJECTED



aarvee associates  
architects engineers & consultants pvt. ltd.



# PROJECT STATE WATER & SANITATION MISSION (SWSM) HATHRAS

## FORMAT NAME :- REQUEST FOR INSPECTION (RFI)

|  |                          |                    |                                     |  |                          |
|--|--------------------------|--------------------|-------------------------------------|--|--------------------------|
| Format Number:-  |                          | RFI Number:-       |                                     | Date:- 13-01-25                        |                          |
| Name of Contractor: BGCCPL-RAMKY (JV)  |                          | Contract No:       |                                     |  |                          |
| <b>Location of Work</b>  |                          |                    |                                     |  |                          |
| District:- HATHRAS   |                          | Block:- HASAYAN    |                                     | Scheme Name:- Jareenpur Bhuraka T/H-2  |                          |
| Following Civil Items are ready for inspection:  |                          |                    |                                     | Date:-                                 |                          |
| SBC  | <input type="checkbox"/> | Tube Well          | <input checked="" type="checkbox"/> | Excavation                             | <input type="checkbox"/> |
| PCC  | <input type="checkbox"/> | RCC                | <input type="checkbox"/>            |  |                          |
| Shuttering   | <input type="checkbox"/> | Brick Work         | <input type="checkbox"/>            | Plaster Work                           | <input type="checkbox"/> |
| Painting   | <input type="checkbox"/> | Stand Post         | <input type="checkbox"/>            |  |                          |
| Rising Main  | <input type="checkbox"/> | Back Filling       | <input type="checkbox"/>            | M.S/Wicket Gate/Window                 | <input type="checkbox"/> |
| Others <input type="text"/>  |                          |                    |                                     |  |                          |
| Following Mechanical, Electrical, C&I Items are ready for inspection:  |                          |                    |                                     | Date:-                                 |                          |
| instrumentation  | <input type="checkbox"/> | Welding            | <input type="checkbox"/>            | Valves                                 | <input type="checkbox"/> |
| Chain Pulley   | <input type="checkbox"/> | DG Set             | <input type="checkbox"/>            |  |                          |
| Pumpset  | <input type="checkbox"/> | Stabilizer         | <input type="checkbox"/>            | Pannel                                 | <input type="checkbox"/> |
| Solar  | <input type="checkbox"/> | Chlorinating Plant | <input type="checkbox"/>            |  |                          |
| Lighting   | <input type="checkbox"/> | EMF Meter          | <input type="checkbox"/>            | Level Transmitter/Pressure Transmitter | <input type="checkbox"/> |
| RTU  | <input type="checkbox"/> |                    |                                     |  |                          |
| Earthing Cable   | <input type="checkbox"/> | Starter            | <input type="checkbox"/>            | Piping-DI ( ) HDPE ( ) M.S ( )         | <input type="checkbox"/> |
| Others   | <input type="checkbox"/> |                    |                                     |  |                          |
| Work Descriptions:- Lowering of M.S. plane pipe, Screen pipe (200mm dia)<br>Pca gravel and fitting work start T.H-2<br>Discharge-290LPM Bore size-500x500mm Lowering depth-90 mtr. |                          |                    |                                     |  |                          |
| On Date:- 13-01-25   |                          |                    | Time:- 12:30                        |  |                          |
| Submitted by:- AKHILESH KU. Date: 13-01-25 Time: 09:00 Sign: Akhilesh Kumar  |                          |                    |                                     |  |                          |
| Arvee:   |                          |                    |                                     |  |                          |
| Received by:   |                          | Date:              |                                     | Time:                                  |                          |
|  |                          |                    |                                     | Sign:                                  |                          |
| Comments:  |                          |                    |                                     |  |                          |
| <b>Civil Department</b>  |                          |                    | <b>E&amp;M, I/C Department</b>      |  |                          |
| NAME   | <input type="checkbox"/> | APPROVED           | NAME                                | <input type="checkbox"/>               | APPROVED                 |
| DESIG  | <input type="checkbox"/> | APPROVED AS NOTED  | DESIG                               | <input type="checkbox"/>               | APPROVED AS NOTED        |
| SIGN   | <input type="checkbox"/> | REJETED            | SIGN                                | <input type="checkbox"/>               | REJECTED                 |

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B- 488

Date:- 09-01-2025

### NAME OF SITE

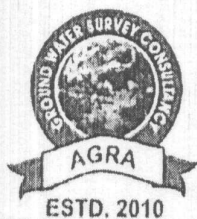
GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras

### NAME OF AGENCY

M/s Braj Gopal Construction  
Hathras

### NAME OF SITE

GRAM PANCHAYAT- Jarinpur Bhukra BLOCK- Hasayan DISTT- Hathras



### NAME OF AGENCY

## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JARINPUR BHUKRA, BLOCK- HASAYAN, DISTT- HATHRAS  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.Jan.2025.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

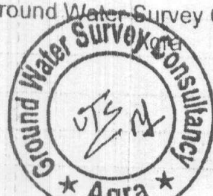
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.85 Ohms.

Approx Water Level = 15 Mtr.

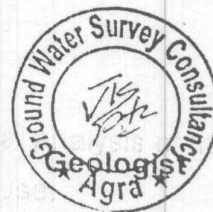
| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 10         | 5            | Clay kankar         |                        |
| 3.    | 10 - 17        | 7            | Fine sand           |                        |
| 4.    | 17 - 25        | 8            | Clay kankar         |                        |
| 5.    | 25 - 30        | 5            | Fine to Medium sand | Medium                 |
| 6.    | 30 - 38        | 8            | Clay kankar         |                        |
| 7.    | 38 - 46*       | 8            | Medium sand         | Medium                 |
| 8.    | 46 - 60        | 14           | Clay kankar         |                        |
| 9.    | 60 - 66        | 6            | Fine to Medium sand | Medium                 |
| 10.   | 66 - 77        | 11           | Clay kankar         |                        |
| 11.   | 77 - 83        | 6            | Fine to Medium sand | Medium                 |
| 12.   | 83 - 110       | 27           | Clay kankar         |                        |

Ground Water Survey Consultancy

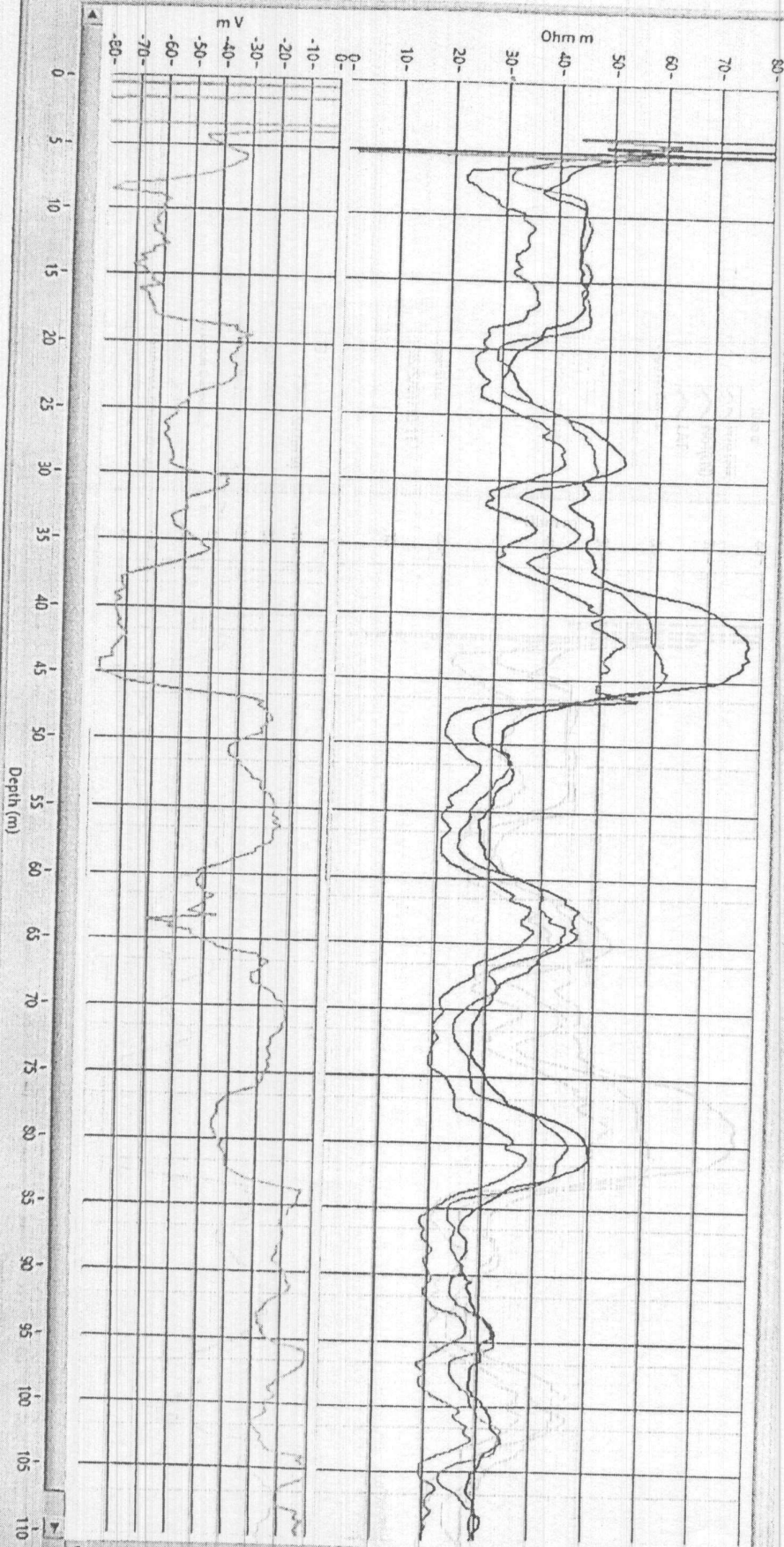


### Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



Rho a  
 NI6 (SN)  
 NS4 (IN)  
 LAT  
 Logging Details  
 Log No. 10/10-11  
 Log Date 10/10-11  
 Log Time 10:10  
 Log Location  
 Log Operator  
 Log Station  
 Log Book  
 DMP-2  
 Ground Water  
 Survey Consultancy  
 Agra UP India





| CHART  |       | PIPE LENGTH        | ASSEMBLY DETAILS                                 |
|--|-------|--------------------|--|
| AGL  | M     | Pipe No. 23 =      | Drilling Started date: 07-01-25                  |
|  |       | Pipe No. 22 =      | Drilling Depth : 110 M (As Per DPR)              |
|  |       | Pipe No. 21 =      | Lowering Started : 13-01-25                      |
|  |       | Pipe No. 20 =      | Lowering Completed : 13-01-25                    |
|  |       | Pipe No. 19 =      | Assembly Lowered : 89.03 M                       |
|  |       | Pipe No. 18 =      | Housing Pipe ø MM M                              |
|  |       | Pipe No. 17 =      | Plain Pipe ø 200 MM 71.53 M                      |
|  |       | Pipe No. 16 =      | Screen Pipe ø 200 MM 18.00 M                     |
|  |       | Pipe No. 15 =      | Slotted Pipe ø MM M                              |
|  |       | Pipe No. 14 =      | Total Assembly length + AGL 89.03 + 0.50 = 89.53 |
|  |       | Pipe No. 13 =      | Actual Drilling Depth 110 M                      |
| 6.03   | 0.50  | Pipe No. 12 =      |  |
| 6.03   |       | Pipe No. 11 =      |  |
| 6.03   |       | Pipe No. 10 =      |  |
| 6.03   |       | Pipe No. 9 =       |  |
| 6.03   |       | Pipe No. 8 =       |  |
| 3.82   |       | Pipe No. 7 =       |  |
| 6.03   | 39.50 | Pipe No. 6 =       |  |
| 6.00   | 45.50 | Pipe No. 5 =       |  |
| 6.03   |       | Pipe No. 4 =       |  |
| 2.44   |       | Pipe No. 3 =       |  |
| 6.03   | 60.00 | Pipe No. 2 =       |  |
| 6.00   | 66.00 | Pipe No. 1 =       |  |
| 6.03   |       |                    |  |
| 4.97   | 77.00 |                    |  |
| 6.00   | 83.00 |                    |  |
| 6.03   | 89.03 |                    |  |
| Bail Plug  |       |                    |  |
| BGCCPL-Ramky (JV) Representative<br>Akhilesh Kumar |       | TPI Representative | UPJN(R) Representative                           |

G.P. : Jasinpur bhuvaka T.O. No-02

Block : Masayan

District : Hathras

Required : 290 LPM

Water level  $\rightarrow$  50 feet.

300mm dia Plain Pipe : X

200mm dia Plain Pipe : 72

200mm dia Slotted Pipe : 18

90mtr

Streta :-

38-46  $\rightarrow$  08 mtr

60-66  $\rightarrow$  06 mtr

77-83  $\rightarrow$  06 mtr

|      |       |
|------|-------|
| 6.00 | 0.50  |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 6.00 |       |
| 4.00 |       |
| 6.00 | 32.50 |
| 6.00 | 45.50 |
| 6.00 |       |
| 2.50 |       |
| 6.00 | 60.00 |
| 6.00 | 66.00 |
| 6.00 |       |
| 5.00 | 77.00 |
| 6.00 | 83.00 |
| 6.00 | 89.00 |

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.50 mtr

200mm dia Slotted Pipe : 18.00 mtr

**Total : 89.50 mtr**