



**PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH**

**REQUEST FOR INSPECTION (RFI)**

Format No : JMC/232221F/00001 RFI no: JJM/ETAH/JMC/ Date : 11/04/23  
 Contractor Name: JMC Projects (I) Ltd. LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

**Location of Work**

District: Etah Block: Jai Tharia Scheme: G.P. Pingshi Gramkhin

Following civil items are ready for inspection : Date : 12/04/2023 Singh

- SBC  Tube Well  Excavation  PCC  RCC
- Shuttering  Brick Work  Plaster Work  Painting  Stand Post
- Rising Main  Backfilling  M.S. Wicket Gate/ Window  Interlocking Tile
- HDPE Pipeline  Others

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

- Instrumentation  Welding  Valves  Chain Pully  DG Set
- Pump Set  Stabilizer  Pannel  Sloar  Chlorinating Plant
- EMF Meter  Level / Pressure Transmitter  RTU
- Earthing cable  Starter  Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( ) Others

**Work Description :**

<i>i> Tubewell Drilling and Logging work Inspection.  
 <i>ii> Drilling Depth and Size => 110 MTR and 500 mm φ.  
 <i>iii> Discharge as per DPR => 520 LPM.  
 <i>iv> Type of Machine => Rig Machine.

On Date : 12/04/2023 Time : 11:00 AM

Submitted By Sunil Kumar Yadav Date 11/04/23 Time 06:30 PM Sign Sunil Kumar Yadav

**PI (Aarvee)**

Received By \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Sign Prithi

Remarks :  
 Drilling depth = 110 mtr  
 Logging depth = 110 mtr

**Civil Department**

- NAME :  APPROVED
- DESIG :  APPROVED AS NOTED
- SIGN:  REJECTED

**E&M , IC Department**

- NAME :  APPROVED
- DESIG :  APPROVED AS NOTED
- SIGN:  REJECTED



**PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH**

**REQUEST FOR INSPECTION (RFI)**

Format No : JMC/232221F/00001      RFI no: JJM/ETAH/JMC/      Date : 17/04/2023  
 Contractor Name: JMC Projects (I) Ltd.      LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

**Location of Work**

District: Etah      Block : Jaitthara      Scheme : GP => Pingji Gambhis Singh

Following civil items are ready for inspection :

- Date : 18/04/2023
- SBC  Tube Well  Excavation  PCC  RCC
  - Shuttering  Brick Work  Plaster Work  Painting  Stand Post
  - Rising Main  Backfilling  M.S. Wicket Gate/ Window  Interlocking Tile
  - HDPE Pipeline  Others

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

- Date :
- Instrumentation  Welding  Valves  Chain Pully  DG Set
  - Pump Set  Stabilizer  Pannel  Sloar  Chlorinating Plant
  - g  EMF Meter  Level / Pressure Transmitter  RTU
  - Earthing cable  Starter  Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( )  Others

**Work Description :**

<i> Tubewell Assembly lowering work Inspection.  
 <ii> Location => GP => Pingji Gambhis Singh, Block => Jaitthara.  
 <iii> Assembly Size => 200mm d

On Date : 18/04/2023      Time : 02:00 PM.

Submitted By Sunul Kumar Yadav      Date 17/04/23      Time 09:56      Sign Sunul Kumar Yadav

**TPI (Aarvee)**

Recieved By \_\_\_\_\_      Date \_\_\_\_\_      Time \_\_\_\_\_      Sign CPIT

Comments :  
 Total assembly = 103.52 mtr  
 200mm plain pipe = 79.52 mtr  
 slotted pipe = 24 mtr

**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

Low...  
 executed as



**aarvee associates**  
architects engineers & consultants pvt. ltd.



QUALITY MANAGEMENT SYSTEM

Format No :  
KPTL/232221F/00023

DEPTH OF  
STARTA

**PROPOSED ASSEMBLY DETAILS**

Block- Jaithasia  
GP- Poojari Gombhisi Singh

SL.	DPR Details -
1	Lowering Date - <u>19/04/2023</u>
2	Water Discharge in LPM - <u>520 LPM</u>
3	Bore well Drilling dia- <u>500 mm φ</u>
3	Bore well Drilling depth- <u>110 MTR</u>

**LOGGING REPORT**

Depth- <u>110 MTR</u>		Date- <u>13/04/2023</u>	
SL.	Depth Range	Thickness	Remarks
1	<u>53-66</u>	<u>13</u>	<u>medium</u>
2			
3	<u>77-83</u>	<u>6</u>	<u>medium</u>
4			
5	<u>91-97</u>	<u>6</u>	<u>Medium</u>
6			
7			
8			
9			
10			
11			

			<u>0.50 Δ</u>
G.L.	<u>18</u>	<u>5.36</u>	<u>5.36 MTR</u>
	<u>17</u>	<u>6.01</u>	<u>11.37 MTR</u>
	<u>16</u>	<u>6.02</u>	<u>17.39 MTR</u>
	<u>15</u>	<u>6.01</u>	<u>23.40 MTR</u>
	<u>14</u>	<u>6.03</u>	<u>29.43 MTR</u>
	<u>13</u>	<u>6.02</u>	<u>35.45 MTR</u>
	<u>12</u>	<u>6.01</u>	<u>41.46 MTR</u>
	<u>11</u>	<u>6.03</u>	<u>47.49 MTR</u>
	<u>10</u>	<u>6.01</u>	<u>53.50 MTR</u>
	<u>9</u>	<u>6.00</u>	<u>59.50 MTR</u>
	<u>8</u>	<u>6.00</u>	<u>65.50 MTR</u>
	<u>7</u>	<u>6.04</u>	<u>71.54 MTR</u>
	<u>6</u>	<u>5.46</u>	<u>77.00 MTR</u>
	<u>5</u>	<u>6.00</u>	<u>83.00 MTR</u>
	<u>4</u>	<u>6.03</u>	<u>89.03 MTR</u>
	<u>3</u>	<u>1.97</u>	<u>91.00 MTR</u>
	<u>2</u>	<u>6.00</u>	<u>97.00 MTR</u>
	<u>1</u>	<u>6.02</u>	<u>103.02 MTR</u>

**Assembly Details**

**Proposed Assembly for Lowering**

- 300mm dia MS Plain Pipe-
- 200mm dia MS Plain Pipe 79.52 MTR
- 200mm dia MS Slotted Pipe-24.8 MTR
- 200mm dia LCG Pipe -
- 300/200 mm dia Reducer -
- MS Bail Plug- 01 nos.
- MS Ring 300mm-
- MS Ring 200mm- 17 nos.
- MSSI Clamp- 01 nos.
- Centre Guide - 03 nos.
- TW Assembly Support- 01 nos.
- MS Well Cap - 01 nos.
- Pea Gravel Packing- 19.03 m<sup>3</sup>.

Sunil Kumar Yadav  
KPTL

TPI

Sanjiv Kumar  
CLIENT (UPJN)

Lowering work  
executed as  
per assembly chart

# REPORT ON GEOPHYSICAL WELL LOGGING AT

RAM PANCHAYAT- PINJRI GAMBHIR SINGH, BLOCK- JAITHARA, DISTT- ETAH  
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 Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 13.April.2023.

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.

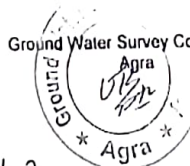
Drilling Water Resistivity = ~~16.19~~ Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 9	4	Dry sand	
3.	9 - 15	6	Sandy clay	
4.	15 - 20	5	Fine sand	Medium
5.	20 - 36	16	Clay kankar	
6.	36 - 45	9	Fine to Medium sand	Medium
7.	45 - 53	8	Clay kankar	
8.	53 - 66*	13	Medium sand & kankar	Medium
9.	66 - 77	11	Clay kankar	
10.	77 - 83*	6	Medium sand	Medium
11.	83 - 91	8	Clay kankar	
12.	91 - 97*	6	Fine to Medium sand	Medium
13.	97 - 110	13	Clay kankar	

- Logging performed as per SWSM guidelines  
- Groundwater quality interpreted by firm as per their logger calibration.

Ground Water Survey Consultancy



G.S.R.  
17/04/23

23/04/23

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-P- 115

Date:- 13-04-2023

### NAME OF SITE

GRAM PANCHAYAT- Pinjri Gambhir Singh

BLOCK- Jaithra

DISTT- Etah

### NAME OF AGENCY

M/s Kalpataru Power Transmission Limited  
Etah



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  
Agra



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PINJRI GAMBHIR SINGH, BLOCK- JAITHARA, DISTT- ET  
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 Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 13.April.2023.

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:-

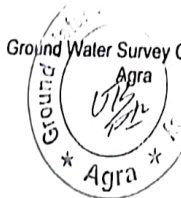
Mud Resistivity = 15.70 Ohms.

Drilling Water Resistivity = 16.19 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
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3.	9 - 15	6	Sandy clay	
4.	15 - 20	5	Fine sand	Medium
5.	20 - 36	16	Clay kankar	
6.	36 - 45	9	Fine to Medium sand	Medium
7.	45 - 53	8	Clay kankar	
8.	53 - 66*	13	Medium sand & kankar	Medium
9.	66 - 77	11	Clay kankar	
10.	77 - 83*	6	Medium sand	Medium
11.	83 - 91	8	Clay kankar	
12.	91 - 97*	6	Fine to Medium sand	Medium
13.	97 - 110	13	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.

**Geophysicist**



**Ground Water Survey Consultancy**

No. 1

NETS  
MAIN

Upper Bedrock

1.0 m

2.0 m

3.0 m

4.0 m

5.0 m

6.0 m

7.0 m

8.0 m

9.0 m

10.0 m

11.0 m

12.0 m

13.0 m

14.0 m

15.0 m

16.0 m

17.0 m

18.0 m

19.0 m

20.0 m

21.0 m

22.0 m

23.0 m

24.0 m

25.0 m

26.0 m

27.0 m

28.0 m

29.0 m

30.0 m

31.0 m

32.0 m

33.0 m

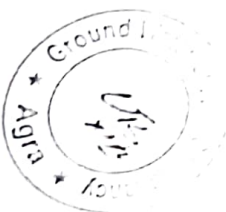
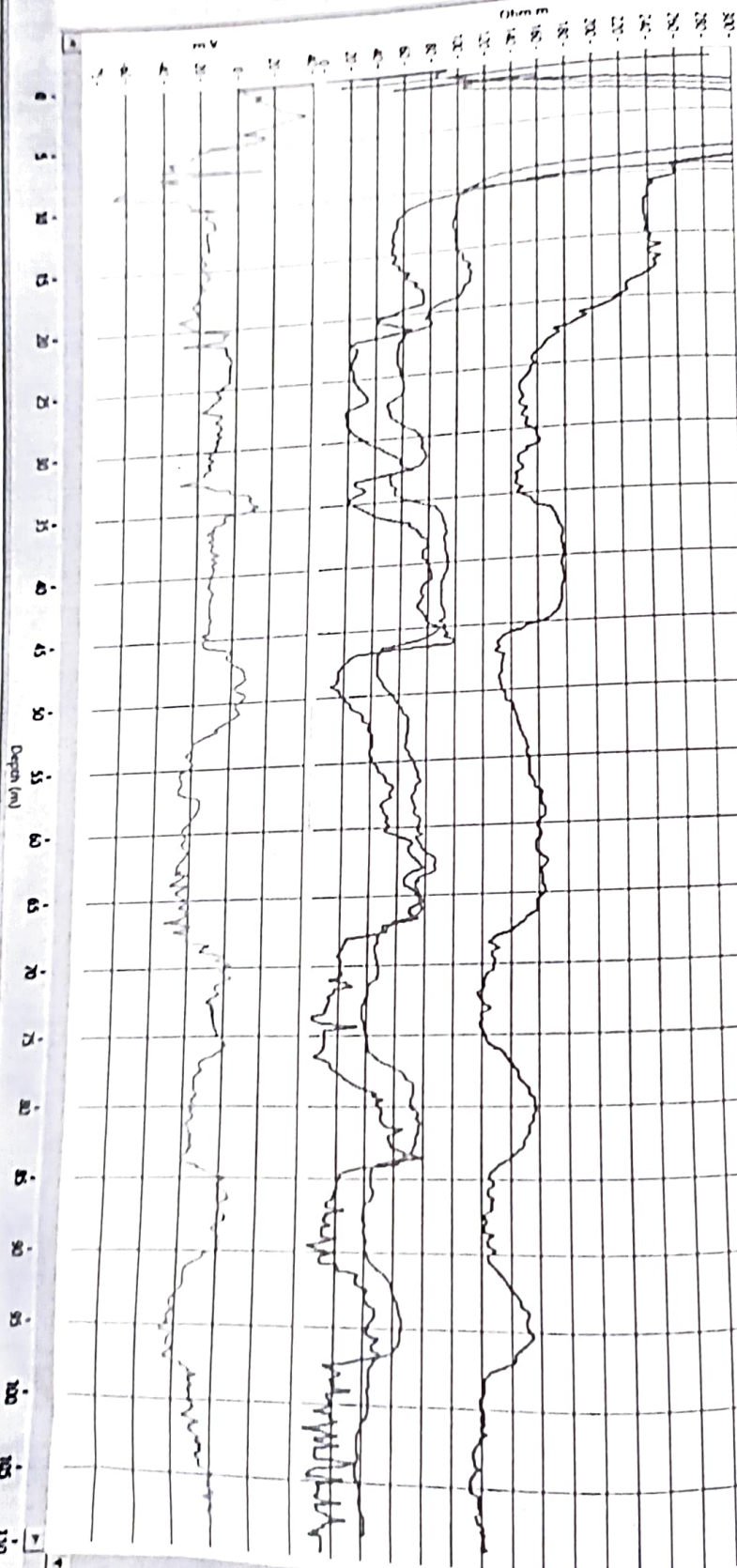
34.0 m

35.0 m

36.0 m

37.0 m

38.0 m





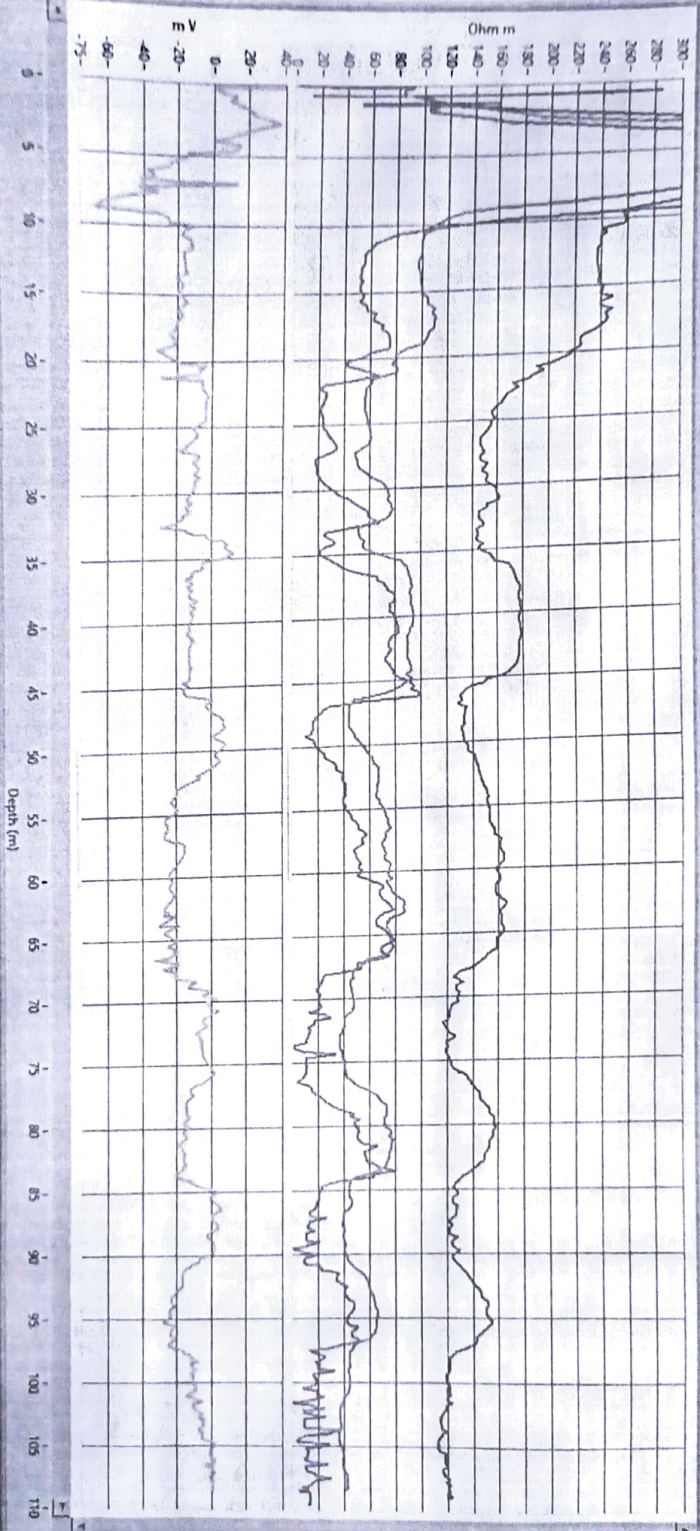
Rno 3  
 N16 (N)  
 N84 (N)  
 LAT

Logging Details  
 Date: 12/22/23  
 Location: [unclear]  
 Operator: [unclear]

Logger: S. Inc.  
 Date: 12/22/23

Logger Model: SP (m V)  
 Depth: 2  
 Logger Control:

GROUND WATER  
 SURVEY  
 CONSULTANCY  
 AGRA, UP, INDIA



**PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH**

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 Contractor Name: JMC Projects (I) Ltd. LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

**Location of Work**

District: Etah Block : Jai Tharia Scheme : G.P. Pingshi Grambhi

Following civil items are ready for inspection :

Date : 12/04/2023 Singh

SBC  Tube Well  Excavation  PCC  RCC   
 Shuttering  Brick Work  Plaster Work  Painting  Stand Post   
 Rising Main  Backfilling  M.S. Wicket Gate/ Window  Interlocking Tile   
 HDPE Pipeline  Others

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

Date :

Instrumentation  Welding  Valves  Chain Pully  DG Set   
 Pump Set  Stabilizer  Pannel  Sloar  Chlorinating Plant   
 Lighting  EMF Meter  Level / Pressure Transmitter  RTU   
 Earthing cable  Starter  Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( )  Others

Work Description :

- <i> Tubewell Drilling and Logging work Inspection .
- <ii> Drilling Depth and Size  $\Rightarrow$  110 MTR and 500 mm  $\phi$ .
- <iii> Discharge as per DPR  $\Rightarrow$  520 LPM.
- <iv> Type of Machine  $\Rightarrow$  Rig Machine.

On Date : 12/04/2023 Time : 11:00 AM

Submitted By Sunil Kumar Yadav Date 11/04/23 Time 06:30 PM Sign Sunil Kumar Yadav

PI (Aarvee)

Received By \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Sign Prat

Comments :  
Drilling depth = 110 mtr  
Logging depth = 110 mtr

**Civil Department**

**E&M , I/C Department**

NAME :  APPROVED NAME :  APPROVED  
 DESIG :  APPROVED AS NOTED DESIG :  APPROVED AS NOTED  
 SIGN:  REJECTED SIGN:  REJECTED

**Location of Work**

District: Estah Block: Jairathnaga Scheme: GRP @ Pingri Gambia Singh

Date: 18/04/2023

Singh

Following civil items are ready for inspection :

- SBC  Tube Well  Excavation  PCC  RCC
- Shuttering  Brick Work  Plaster Work  Painting  Stand Post
- Rising Main  Backfilling  M.S. Wicket Gate/Window  Interlocking Tile
- HDPE Pipeline  Others

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

- Instrumentation  Welding  Valves  Chain Pulley  DG Set
- Pump Set  Stabilizer  Panel  Sloar  Chlorinating Plant
- Lighting  EMF Meter  Level / Pressure Transmitter  RTU
- Earthing cable  Starter  Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( ) Others

Work Description :

i) Tubewell Assembly lowering work inspection.  
 ii) Location => GRP => Pingri Gambia Singh, Block => Jairathnaga.  
 iii) Assembly size => 200mm d

On Date: 18/04/2023 Time: 02:00 PM.

Submitted By: Sunil Kumar Yadav Date: 17/04/23 Time: 09:56 Sign: Sunil Kumar Yadav

TPI (Aarvee)

Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Sign: gail

Comments :  
 Total assembly = 103.52 mtr  
 200mm plain pipe = 79.52 mtr  
 slotted pipe = 24 mtr

Civil Department

E&M, I/C Department

NAME :  APPROVED NAME :  APPROVED

DESIG :  APPROVED AS NOTED DESIG :  APPROVED AS NOTED

SIGN:  REJECTED SIGN:  REJECTED

Depth-	110 MTR	Date-	13/04/2023.
Sl.	Depth Range	Thickness	Remarks
1	53-66	13	Medium
2			
3	77-83	6	Medium.
4			
5	91-97	6	Medium.
6			
7			
8			
9			
10			
11			
Assembly Details			
Proposed Assembly for Lowering			
1.	300mm dia MS Plain Pipe-		
2.	200mm dia MS Plain Pipe	79.52 MTR	
3.	200mm dia MS Slotted Pipe-248 MTR.		
4.	200mm dia LCG Pipe -		
5.	300/200 mm dia Reducer -		
6.	MS Bail Plug-	01 nos.	
7.	MS Ring 300mm-	17 nos.	
8.	MS Ring 200mm-	01 nos.	
9.	MSSl Clamp-	01 nos.	
10.	Centre Guide -	03 nos.	
11.	TW Assembly Support-	01 nos.	
12.	MS Well Cap -	01 nos.	
13.	Pea Gravel Packing-	19.03 m <sup>3</sup> .	

G.L.	0.50 Δ
18	5.36
17	6.01
16	6.02
15	6.01
14	6.03
13	6.02
12	6.01
11	6.03
10	6.01
9	6.00
8	6.00
7	6.04
6	5.46
5	6.00
4	6.03
3	1.97
2	6.00
1	6.02

5.36 MTR	5.36 MTR
11.37 MTR	11.37 MTR
>17.39 MTR	>17.39 MTR
23.40 MTR	23.40 MTR
29.43 MTR	29.43 MTR
35.45 MTR	35.45 MTR
41.46 MTR	41.46 MTR
47.49 MTR	47.49 MTR
>53.50 MTR	>53.50 MTR
59.50 MTR	59.50 MTR
65.50 MTR	65.50 MTR
71.54 MTR	71.54 MTR
77.00 MTR	77.00 MTR
83.00 MTR	83.00 MTR
89.03 MTR	89.03 MTR
91.00 MTR	91.00 MTR
97.00 MTR	97.00 MTR
103.02 MTR	103.02 MTR

Sunil Kumar Jadau  
KPTL

Prithi  
TPI

Sanjiv  
CLIENT (UPJN)

Lowering work  
executed as  
per assembly chart

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 13 April, 2023.

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 = 16.19 Ohms.  
 Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
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9.	66 - 77	11	Clay kankar	
10.	77 - 83*	6	Medium sand	Medium
11.	83 - 91	8	Clay kankar	
12.	91 - 97*	6	Fine to Medium sand	Medium
13.	97 - 110	13	Clay kankar	

G.S.R  
 12/04/23



- Logging performed as per SWSM guidelines.  
 - Groundwater quality not explored by Fern as per their logger in 1st iteration.

NAME OF SITE

GRAM PANCHAYAT- Pinjri Gambhir Singh

BLOCK- Jaithra

DISTT- Etah

NAME OF AGENCY

M/s Kalpataru Power Transmission Limited

Etah



## GROUND WATER SURVEY CONSULTANCY

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

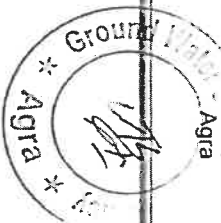
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

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

**ISO ; 9001 : 2015**

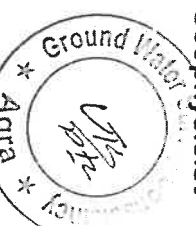
Ground Water Survey Consultancy

Agra

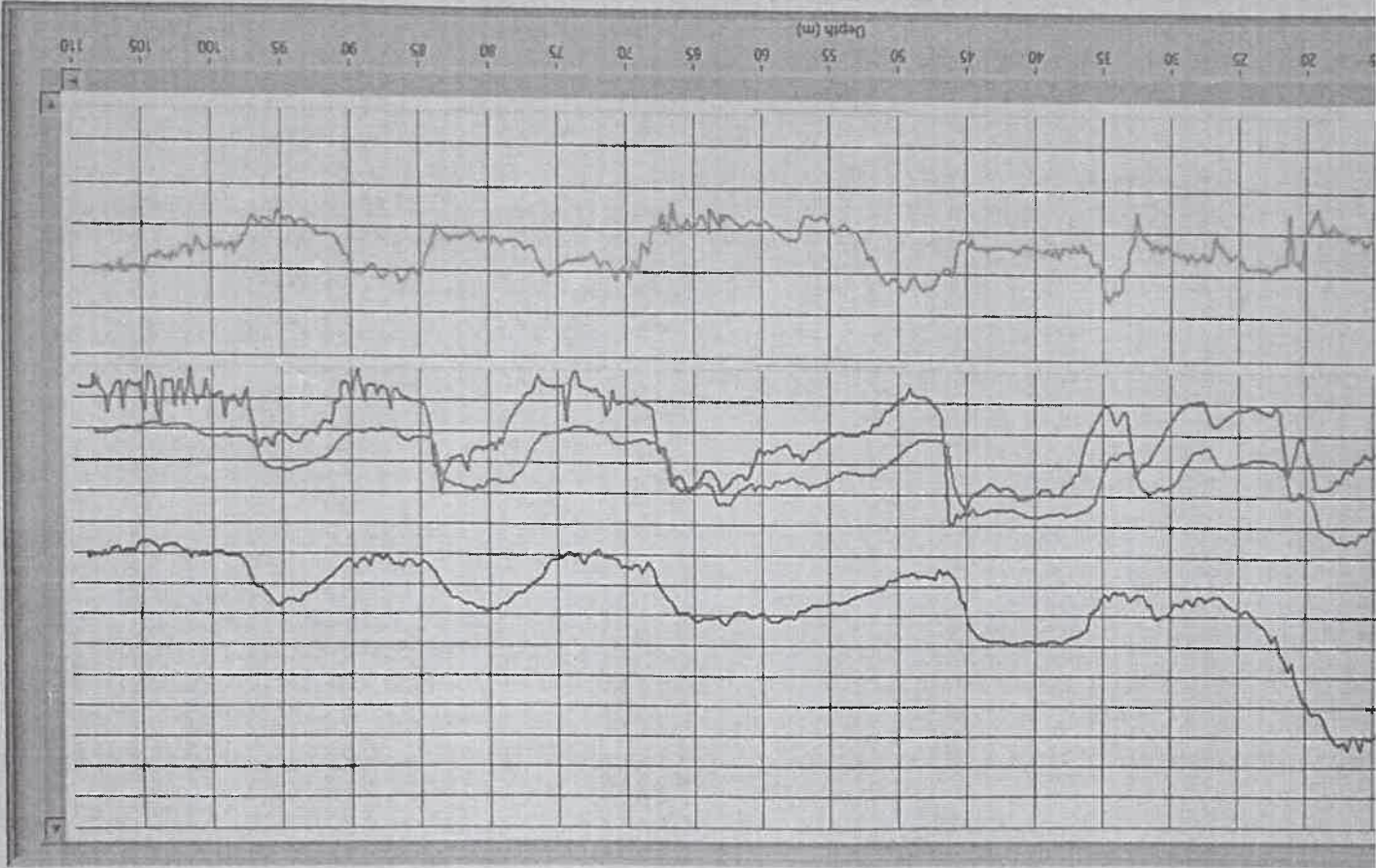


2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. 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.

**Geophysicist**



**Ground Water Survey Consultancy**







# Jal Jeevan Mission

Har Ghar Jal



Har Ghar Jal  
Jal Jeevan Mission

## District Level Water Analysis Laboratory , U.P Jal Nigam (Rural), ALIGARH

BUILDINGNO 01, ADHIKSHAN ABHIYANTA KARYALAYA, NIRMAN MANDAL, U.P. JAL NIGAM, RAMGHATROAD, ALIGARH ALIGARH,UTTARPRADESH-202001 (Test Address only )

Print

### Test report

Sample ID:

U1621760S12276624

### User Information

Name:

KALPATARU POWER TRANSMISSION LIMITED

Mobile:

9758010399

Email:

praveen.singh2@kalpatarupower.com

Pin  
Code:

Full  
Address:

Village- Barthar , Gram Panchayat- Barthar, Block- Shitalpur, District- Etah, State- Uttar Pradesh

### Sample description

Source  
of  
Sample:

Tube well / Bore well / Well

Village:

Pinjari Gambheer Singh

Gram  
Panchayat:

Pinjari Gambheer Singh

Block:

Jaithara

District:

Etah

State:

Uttar Pradesh

Address:

Remarks:

Latitude:

Longitude:

Date & time of sample collection

26.05.2023 | 12:25:00 PM

Date & time of sample received in lab

31.05.2023 | 12:11:00 AM

Date & time of sample analysed

31.05.2023 | 12:22:00 AM

Date & time of report generation

04.06.2023 | 12:57:44 AM

## Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Calcium (as Ca)*	mg/l	75	200	70.500	
2	Chloride (as Cl)*	mg/l	250	1000	102.000	
3	Colour*	Hazen units	5	15	1.000	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
5	Fluoride (as F)*	mg/l	1	1.5	0.160	
6	Free residual Chlorine	mg/l	0.2	1	0.000	
7	Iron (As Fe)*	mg/l	1	No Relaxation	0.230	
8	Magnesium (As Mg)*	mg/l	30	100	50.500	
9	Nitrate (as NO <sub>3</sub> )*	mg/l	45	No Relaxation	41.200	
10	Odour*	NA	Agreeable	Agreeable	0.000	
11	pH*	NA	6.5-8.5	No Relaxation	7.460	
12	Sulphate (as SO <sub>4</sub> )*	mg/l	200	400	18.300	
13	TDS*	mg/l	500	2000	782.000	
14	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	456.000	
15	Total Arsenic (As As)	mg/l	0.01	No Relaxation	0.000	
16	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
17	Total Hardness (As CaCO <sub>3</sub> )*	mg/l	200	600	392.000	
18	Turbidity*	NTU	1	5	0.920	

**Note:**

- 1)\*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

**Authorised signatory**  
Shailender rajawat (Test Lab Incharge)

\*\*\*\*\*This is an electronically generated report and does not require a signature.\*\*\*\*\*

**Jal Jeevan Mission aims at potable tap water supply to every home**

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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