



**PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL**

District:- Aligarh      Block:- Tappal      Scheme:- Hetalpur  
 Rig No/ Type DC:- DC      Size of Bore:- 500mm x 500mm  
 Under:- JJM      Assembly Size:- 200mm x 200mm      Required LPM:- 470 LPM  
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- <u>30/01/2024</u> DPR Drilling Depth:- <u>110 MTR</u>
		Pipe No. =	Logging Started Date:- <u>03/02/2024</u> Logging Completed Date:- <u>03/02/2024</u>
		Pipe No. =	Lowering Started Date :- <u>05/02/2024</u> Lowering Completed Date :- <u>06/02/2024</u>
		Pipe No. =	Housing Pipe Φ :- <u>—</u> MM <u>—</u> M
		Pipe No. =	Above AGL Φ :- <u>200 MM</u> <u>0.5</u> M
		Pipe No. =	Plain Pipe Φ :- <u>200 MM</u> <u>42</u> M
		Pipe No. =	Slotted Pipe Φ :- <u>200 MM</u> <u>13</u> M
		Pipe No. =	Lowered Assembly:- <u>54.50</u> M
		Pipe No. =	Total Assembly+ AGL :- <u>54.50+0.5</u> M
		Pipe No. =	Actual Drilling Depth:- <u>110 MTR</u> M
		Pipe No. =	MS H Frame:- <u>200mm</u> , <u>1 Nos</u>
		Pipe No. =	MS Ring:- <u>200mm</u> , <u>12 Nos</u>
		Pipe No. =	MS Reducer:- <u>—</u>
		Pipe No. = <u>13<sup>th</sup>, 200mm</u>	MS Bail Plug:- <u>200mm</u> , <u>1 Nos</u>
		Pipe No. = <u>12<sup>th</sup>, 200mm</u>	MS Clamp:- <u>200mm</u> , <u>1 Nos</u>
		Pipe No. = <u>11<sup>th</sup>, 200mm</u>	MS Well Cap:- <u>200mm</u> , <u>1 Nos</u>
		Pipe No. = <u>10<sup>th</sup>, 200mm</u>	Centre Guide:- <u>200mm</u> , <u>4 Nos.</u>
		Pipe No. = <u>9<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>8<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>7<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>6<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>5<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>4<sup>th</sup>, 200mm</u>	
		Pipe No. = <u>3<sup>rd</sup>, 200mm</u>	
		Pipe No. = <u>2<sup>nd</sup>, 200mm</u>	
Bail Plug	6.00	Pipe No. = <u>1<sup>st</sup>, 200mm</u>	

Amit Ranjan Kumar  
Contractor  
Representative

Adnan  
TPI  
Representative

Client  
Representative

in.p → 4/2 inch  
 Black-Tabal, dist. Algori  
 Required → 470 LPM.

Water head → 50

88  
 12  
 -----  
 200 m/h.

sh/c  
 -23 → 0.3 m/h  
 -26 → 0.6 m/h  
 -45 → 0.4 m/h

6.00	0.50
6.00	
6.00	
2.50	20.00
3.00	23.00
6.00	
1.00	30.00
6.00	36.00
5.00	41.00
4.00	45.00
3.50	
6.00	54.50

200 mm dia plain pipe → 42.00

200 mm dia slotted pipe → 13.00 m/h

total → 55.00 m/h

# REPORT ON GEOPHYSICAL WELL LOGGING AT

## GRAM PANCHAYAT- HETALPUR, BLOCK- TAPPAL, DISTT- ALIGARH 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, Aligarh.

On the request of M/s Kalpataru Power Transmission limited, Aligarh. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 03.Feb.2024.

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:-

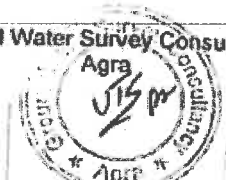
Mud Resistivity = 15.10 Ohms.

Drilling Water Resistivity = 16.22 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 - 13	8	Fine sand & kankar	
3.	13 - 20	7	Clay kankar	
4.	20 - 23	3	Fine to Medium sand	Medium
5.	23 - 30	7	Clay kankar	
6.	30 - 36*	6	Medium sand	Medium
7.	36 - 41	5	Clay kankar	
8.	41 - 45	4	Fine sand	Med to Marginally
9.	45 - 110	65	Clay kankar	

Ground Water Survey Consultancy





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

**REQUEST FOR INSPECTION (RFI)**

Format No : JJM/ALIGARH/KPIL/01

RFI no:  
JJM/ALIGARH/KPIL/

Date: 05/02/2024

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT:- ALIGARH

BLOCK : Tappal

SCHEME : Hetalpur.

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"/>
Driling	<input type="checkbox"/>	Logging	<input type="checkbox"/>	Lowering	<input checked="" type="checkbox"/>	OP Unit	<input type="checkbox"/>	Column	<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"/>	Backfilling	<input type="checkbox"/>	M.S. Wicket Gate/ Window	<input type="checkbox"/>			Interlocking Tile	<input type="checkbox"/>
HDPE Pipeline	<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 Pully	<input type="checkbox"/>	DG Set	<input type="checkbox"/>
Pump Set	<input type="checkbox"/>	Stabilizer	<input type="checkbox"/>	Pannel	<input type="checkbox"/>	Sloar	<input type="checkbox"/>	Chlorinating Plant	<input type="checkbox"/>
Lighting	<input type="checkbox"/>	EMF Meter	<input type="checkbox"/>	Level / Pressure Transmitter	<input type="checkbox"/>			RTU	<input type="checkbox"/>
Earthing cable	<input type="checkbox"/>	Starter	<input type="checkbox"/>	Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( )				Others	<input type="checkbox"/>

Work Description :

Tubewell ms pipe Lowering work.  
Assembly Size - 200mm x 200mm  
Required discharge - 470 LPM

On Date : 05/02/2024

Time 09:00 PM

Submitted By AMITRANJAN S U

Date: 05/02/2024 Time: 10:00 AM

Sign: *Amit Ranjan Kumar*

TPI (Aarvee)

Recieved By

Date

Time

Sign

*Adnan*

Comments :

**Civil Department**

NAME :  APPROVED  
DESIG :  APPROVED AS NOTED  
SIGN:  REJECTED

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

NAME :  APPROVED  
DESIG :  APPROVED AS NOTED  
SIGN:  REJECTED



KALPATARU PROJECTS INTERNATIONAL LIMITED  
(Formerly Kalpataru Power Transmission Limited)

**Arvee associates**  
architects engineers & consultants Pvt. Ltd.



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**Work Description :**

On Date : \_\_\_\_\_ Time : \_\_\_\_\_

Submitted By \_\_\_\_\_ Date: \_\_\_\_\_ Time \_\_\_\_\_ Sign \_\_\_\_\_

**TPI ( Arvee)**

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

**Comments :**

**Civil Department**

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

NAME :  APPROVED

DESIG :  APPROVED AS NOTED

SIGN:  REJECTED

NAME :  APPROVED

DESIG :  APPROVED AS NOTED

SIGN:  REJECTED



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(Formerly Kalpotaru Power Transmission Limited)

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



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**Work Description :**

On Date :

Time :

Submitted By \_\_\_\_\_ Date: \_\_\_\_\_ Time \_\_\_\_\_ Sign \_\_\_\_\_

**TPI ( Arvee )**

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

**Comments :**

**Civil Department**

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

NAME :  APPROVED

DESIG :  APPROVED AS NOTED

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