



**KALPA-TARU**

KALPATARU POWER TRANSMISSION LIMITED

arvee associates  
architects engineers & consultants Pvt. Ltd.



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

District:- Aligarh      Block:- Khair      Scheme:- Resari  
 Rig No/ Type DC:- DC      Size of Bore:- 500mm x 500mm  
 Under:- JJM      Assembly Size:- 200mm x 200mm      Required LPM:- 530 LPM  
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	1:00	Pipe No. =	Drilling Started Date:- 01/08/2022 DPR Drilling Depth:- <del>110M</del> 110M
		Pipe No. =	Logging Started Date:- 06/08/2022 Logging Completed Date:- 06/08/2022
		Pipe No. =	Lowering Started Date :- 09/08/2022 Lowering Completed Date :- 09/08/2022
		Pipe No. =	Housing Pipe Φ :-      MM      M Above AGL Φ :- 200 MM 1.00 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 37.02 M Slotted Pipe Φ :- 200 MM 12 Slotted, 3 M LCU
		Pipe No. =	Lowered Assembly:- 51.02 M Total Assembly+ AGL :- 51.02 + 1.00 M
		Pipe No. =	Actual Drilling Depth:- 110 M MS H Frame:- 200mmΦ, 1 No
		Pipe No. =	MS Ring:- 200mmΦ, 1 No MS Reducer:-
		Pipe No. =	MS Ball Plug:- 200mmΦ, 1 No MS Clamp:- 200mmΦ, 1 No
		Pipe No. =	MS Well Cap:- 200mmΦ, 1 No Centre Guide:- 200mmΦ, 3 No
	6:00	Pipe No. = 1 <sup>th</sup>	
CG -	6:00	Pipe No. = 10 <sup>th</sup>	
	6:00	Pipe No. = 9 <sup>th</sup>	
	1:00	Pipe No. = 8 <sup>th</sup>	
CG -	6:00	Pipe No. = 7 <sup>th</sup>	
	6:00	Pipe No. = 6 <sup>th</sup>	
MSERW SLOTED	6:00	Pipe No. = 5 <sup>th</sup>	
LCU -	1:00	Pipe No. = 4 <sup>th</sup>	
LCU -	2:00	Pipe No. = 3 <sup>rd</sup>	
MSERW SLOTED	6:00	Pipe No. = 2 <sup>nd</sup>	
CG -	6:02	Pipe No. = 1 <sup>st</sup>	
Bail Plug	6:02		

*Amit Ranjan Kumar*  
 Contractor  
 Representative

*Adnan*  
 TPI  
 Representative

Client  
 Representative

G.P. : Resari .

Block : Khair

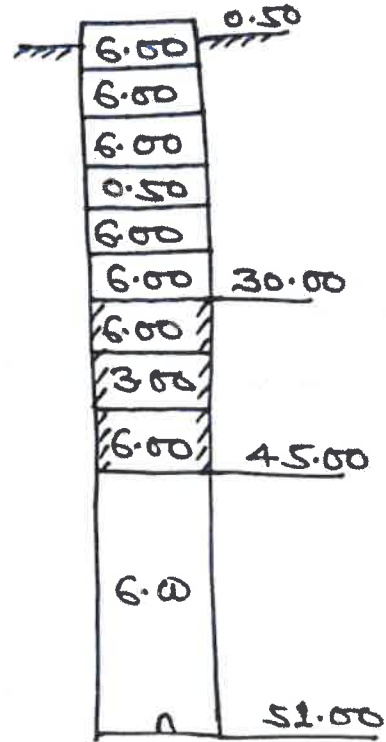
District : Aligarh .

Required : 530 LPM

300mm dia Plain Pipe : X  
200mm dia Plain Pipe : 88 mtr  
200mm dia Slotted Pipe : 12 mtr  
100 mtr

Streta :-

30-45 → 15 mtr



Note → cement Sealing करनी होगी /  
ed  
ME

300mm dia Plain Pipe : X  
300X200 mm Reducer : X  
200mm dia Plain Pipe : 36.50 mtr  
200mm dia Slotted Pipe : 15.00 mtr  

Total	: 51.50 mtr
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# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RESRI, BLOCK- KHAIR, DISTT- ALIGARH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 115 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 06.Aug.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 = 12.53 Ohms.

Drilling Water Resistivity = 13.54 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 13	8	Dry sand	
3.	13 - 30	17	Clay kankar	
4.	30 - 45*	15	Fine to Medium sand	Med to Marginally
5.	45 - 55	10	Clay kankar	
6.	55 - 65	10	Fine to Medium sand	Marginally saline
7.	65 - 110	35	Clay kankar	

Ground Water Survey Consultancy  
Agra



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/\_\_\_\_\_ Date : 09/08/2022

Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK : Khair SCHEME : Regarri

Following civil items are ready for inspection : Date :
SBC [ ] Tube Well [x] Excavation [ ] PCC [ ] RCC [ ]
Drilling [ ] Logging [ ] Lowering [x] OP Unit [ ] Column [ ]
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 :
Tubewell MS pipe Locasting work.
Required LPM - 530 LPM.
Assembly - 200mm x 200mm

On Date : 09/08/2022 Time : 10:00AM

Submitted By: Amit Rajan Kumar Date: 09/08/22 Time 10.00 AM Sign: Amit Rajan Kumar

TPI (Aarvee)

Reclved By Date Time Sign

Comments :

Civil Department E&M, I/C Department
NAME : [ ] APPROVED NAME : [ ] APPROVED
DESIG : [ ] APPROVED AS NOTED DESIG : [ ] APPROVED AS NOTED
SIGN: [ ] REJECTED SIGN: [ ] REJECTED



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

Location of Work

DISTRICT:	ALIGARH	BLOCK :		SCHEME :	
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Following civil items are ready for inspection :

Date :

- SBC  Tube Well  Excavation  PCC  RCC
- Drilling  Logging  Lowering  OP Unit  Column
- 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 :

On Date :

Time : 10:00AM

Submitted By

Date:

Time 10.00 AM

Sign

TPI (Aarvee)

Reclved By

Date

Time

Sign

Comments :

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E&M, I/C Department

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APPROVED

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Shuttering  Brick Work  Plaster Work  Painting  Stand Post   
Rising Main  Backfilling  M.S. Wicket Gate/ Window  Interlocking Tile   
HDPE Pipeline  Others

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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 :

On Date : Time : 10:00AM

Submitted By Date: Time 10.00 AM Sign

TPI / Aarvee

Recieved By Date Time Sign

Comments :

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Location of Work

DISTRICT: ALIGARH BLOCK: SCHEME :

Following civil items are ready for inspection :

Date :

- SBC, Tube Well, Excavation, PCC, RCC, Drilling, Logging, Lowering, OP Unit, Column, 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 :

On Date : Time : 10:00AM

Submitted By Date: Time 10.00 AM Sign

TPI / Aarvee

Reclved By Date Time Sign

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E&M, I/C Department

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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="text"/>		

Work Description :

On Date : Time : 10:00AM

Submitted By Date: Time 10.00 AM Sign

TPI (Aarvee)

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HDPE Pipeline       Others

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Work Description :

On Date : \_\_\_\_\_      Time : 10:00AM

Submitted By \_\_\_\_\_      Date: \_\_\_\_\_      Time 10.00 AM      Sign \_\_\_\_\_

TPI / Aarvee

Reclved By \_\_\_\_\_      Date \_\_\_\_\_      Time \_\_\_\_\_      Sign \_\_\_\_\_

Comments :

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