



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh	Block:- TAPPAAL	Scheme:- JAIDPURA
Rig No/ Type DC:-		Size of Bore:- 500
Under:- JJM	Assembly Size:- 200x200MM Ø	Required LPM:- 630
Contractor:- KPTL		

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 21/7/23 DPR Drilling Depth:- 120 M
		Pipe No. =	Logging Started Date:- 24/7/23 Logging Completed Date:- 24/7/23
		Pipe No. =	Lowering Started Date :- 26/7/23 Lowering Completed Date :- 26/7/23
		Pipe No. =	Housing Pipe Ø :- MM M Above AGL Ø :- MM M
		Pipe No. =	Plain Pipe Ø :- 200 MM 42.76 M Slotted Pipe Ø :- 200 MM 12 M
		Pipe No. =	Lowered Assembly:- 53.50 M Total Assembly+ AGL :- 53.50 + 120 M
		Pipe No. =	Actual Drilling Depth:- 120 M
		Pipe No. =	MS H Frame:- 01
		Pipe No. =	MS Ring:- 09
		Pipe No. =	MS Reducer:-
		Pipe No. =	MS Bail Plug:- 01
		Pipe No. =	MS Clamp:- 01
		Pipe No. =	MS Well Cap:- 01
	Pipe No. =	Centre Guide:- 02	
	1.26	Pipe No. =	
	31.50	Pipe No. = 10 = 6.13	
		Pipe No. = 9 = 6.20	
		Pipe No. = 8 = 6.15	
		Pipe No. = 7 = 6.10	
		Pipe No. = 6 = 2.10	
		Pipe No. = 5 = 6.08	
slotted		Pipe No. = 4 = 6.00	
slotted		Pipe No. = 3 = 6.00	
		Pipe No. = 2 = 4.00	
Bail Plug		Pipe No. = 1 = 6.00	

Amit Ranjan Kumar
Contractor Representative

Sdwan
TPI Representative

Client Representative

G.P. : Jaidpur

Block : Tappal

District : Aligarh

Required : 630LPM

300mm dia Plain Pipe : 48

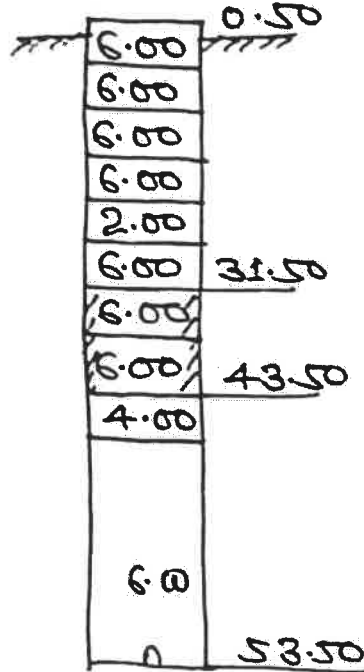
200mm dia Plain Pipe : 38

200mm dia Slotted Pipe : 24

110m

Streta :-

2-43 = 11m



Note ① पर्याप्त Stret प्राप्त न होने के कारण D.P.R में स्वीकृत 300x200 mm सिंध के नलकूप के स्थान पर 200x200 mm सिंध के नलकूप का निर्माण किया गया उचित होगा। Bore सिंध 500 mm रखना है।

② (53.50 - 55m) पर cement sealing करनी होगी।

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 42.00m

200mm dia Slotted Pipe : 12.00m

Total : 54.00m

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAIDPURA, BLOCK- TAPPAL, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth, and Logged depth 120 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 24.July.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:-

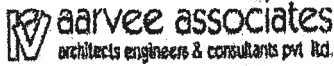
Mud Resistivity = 11.59 Ohms.

Drilling Water Resistivity = 12.76 Ohms.

Approx Water Level = 24 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 27	22	Dry sand & kankar	
3.	27 - 32	5	Clay kankar	
4.	32 - 43*	11	Fine to Medium sand	Med to Marginally
5.	43 - 55	12	Clay kankar	
6.	55 - 60	5	Fine sand	Saline
7.	60 - 120	60	Clay kankar	





PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/D1	RFI no: JJM/ALIGARH/KPTL/	Date : 26/7/23
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

DISTRICT: ALIGARH	BLOCK : TAPPAL	SCHEME : JAIDPORA
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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"/>
Drilling <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="text"/>	

Work Description :
 Tubewell lowering work Drill depth-
 LPM-630 Assembly - 2000x2000 mm

On Date : 26/7/23 Time : 10:00AM

Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

TPI (Aarvee)

Recieved By	Date	Time	Sign
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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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTU/01

RFI no: JJM/ALIGARH/KPTU/

Date : 24/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: TAPPAL SCHEME: JAIDPURA

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 :

Electro logging work.

On Date : 24/7/23

Time : 10:00AM

Submitted By RAMANAND

Date:

Time 10.00 AM

Sign

Ramanand

TPI (Aarvee)

Received 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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 21/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: TAPPAL SCHEME: JAIDPURA

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 :

Rig machine installation and drilling work.

On Date : 21/7/23

Time : 10:00AM

Submitted By RAMANAND

Date:

Time 10.00 AM

Sign

Signature of Ramanand

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