



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh	Block:- JAWAN	Scheme:- CHAUPUR
Rig No/ Type DC:-	Size of Bore:- 500 MM	
Under:- JJM	Assembly Size:- 200x200	Required LPM:- 524
Contractor:- KPTL		

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 28/6/23
			DPR Drilling Depth:- 175
	1 M	Pipe No. =	Logging Started Date:- 1/7/23
	/ / / / /		Logging Completed Date:- 1/7/23
		Pipe No. =	Lowering Started Date :- 01/7/23
			Lowering Completed Date :- 4/7/23
		Pipe No. = 18 = 6.00	Housing Pipe Φ :- MM M
			Above AGL Φ :- MM M
		Pipe No. = 17 = 6.05	Plain Pipe Φ :- 200 MM 80.36 M
			Slotted Pipe Φ :- 200 MM 24 M
		Pipe No. = 16 = 6.05	Lowered Assembly:- 103.36 M
			Total Assembly+ AGL :- 103.36 + 1.0 M
		Pipe No. = 15 = 6.10	Actual Drilling Depth:- 115 M M
			MS H Frame:- 01
		Pipe No. = 14 = 6.10	MS Ring:- 17
			MS Reducer:-
		Pipe No. = 13 = 6.00	MS Ball Plug:- 01
			MS Clamp:- 01
		Pipe No. = 12 = 6.05	MS Well Cap:- 01
			Centre Guide:- 02
		Pipe No. = 11 = 6.10	
		Pipe No. = 10 = 6.00	
		Pipe No. = 9 = 6.05	
		Pipe No. = 8 = 3.00	
		Pipe No. = 7 = 6.00	
		Pipe No. = 6 = 6.00	
		Pipe No. = 5 = 6.00	
		Pipe No. = 4 = 6.00	
		Pipe No. = 3 = 4.50	
		Pipe No. = 2 = 6.00	
		Pipe No. = 1 = 6.36	
Bail Plug			

Sanjay Kumar

Contractor
Representative

Adnan

TPI
Representative

Client
Representative

G.P. : chaupur

Block : jawan

District : Aligarh.

Required : 530 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 76
200mm dia Slotted Pipe : 24
100 mtr

Streta :-

67-87 → 20 mtr

91-97 → 06 mtr

6.00	0.50
6.00	
6.00	
6.00	
6.00	
6.00	
6.00	
6.00	
6.00	
6.00	
3.00	
6.00	68.50
6.00	
6.00	
6.00	86.50
4.50	91.00
6.00	97.00
6.00	103.00

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 79.50 mtr
200mm dia Slotted Pipe : 24.00 mtr
Total : 103.50 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHAUPUR, BLOCK- JAWAN, 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 01.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 = 15.47 Ohms.

Drilling Water Resistivity = 16.35 Ohms.

Approx Water Level = 3 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 - 30	20	Medium sand	Medium
4.	30 - 67	37	Clay kankar	
5.	67 - 87*	20	Medium sand & kankar	Medium
6.	87 - 91	4	Clay kankar	
7.	91 - 97*	6	Medium sand	Medium
8.	97 - 110	13	Clay kankar	





PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no:
JJM/ALIGARH/KPTL/

Date : 3/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT:

ALIGARH

BLOCK :

JAWAN

SCHEME :

CHAUPOUR

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 :

Tubewell lowering work LPM - 530
Drill depth - 125 Assembly - 200x200

On Date : 4/7/23

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/KPTU/01

RFI no:
JJM/ALIGARH/KPTU/

Date : 11/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: JAWAN SCHEME: CHAPAR

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 :

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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 :

Electro logging work.

On Date : 11/7/23

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/KPTU/01

RFI no:
JJM/ALIGARH/KPTU/

Date : 28/6/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: JALAN SCHEME: CHAUPUR

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 :

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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 :

Big machine installation and drilling work.

On Date : 28/6/23

Time : 10:00AM

Submitted By RAMAN AND

Date:

Time 10.00 AM

Sign

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