



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh

Block:- **GUONDA**

Scheme:- **NAGLA KALWA**

Rig No/ Type DC:-

Size of Bore:- **500 MM**

Under:- JJM

Assembly Size:- **200X200 MM CO**

Required LPM:- **50**

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 15/7/23 DPR Drilling Depth:- 120
		Pipe No. =	Logging Started Date:- 18/7/23 Logging Completed Date:- 18/7/23
		Pipe No. =	Lowering Started Date:- 20/7/23 Lowering Completed Date:-
		Pipe No. =	Housing Pipe Φ :- MM M Above AGL Φ :- MM M
		Pipe No. =	Plain Pipe Φ :- 200 MM 30 M Slotted Pipe Φ :- 200 MM 15 M
		Pipe No. =	Lowered Assembly:- 44.50 M Total Assembly+ AGL :- 44.50+50 M
		Pipe No. =	Actual Drilling Depth:- 120 M MS H Frame:- 01 300mm
		Pipe No. =	MS Ring:- 02 200mm MS Reducer:-
		Pipe No. =	MS Ball Plug:- 01 200mm MS Clamp:- 01 200mm
		Pipe No. =	MS Well Cap:- 01 200mm Centre Guide:- 02 200mm
		Pipe No. =	
		Pipe No. =	
		Pipe No. = 9 = 6.00	
		Pipe No. = 8 = 6.00	
		Pipe No. = 7 = 6.00	
LLG	17.5	Pipe No. = 6 = 6.00	
	22.5	Pipe No. = 5 = 3.50	
	27.0	Pipe No. = 4 = 6.00	
LLG		Pipe No. = 3 = 3.00	
LLG	36.0	Pipe No. = 2 = 2.50	
		Pipe No. = 1 = 6.00	
Bail Plug	44.50		

Andy

Contractor Representative

Adnan

TPI Representative

Client Representative

116-15

G.P. : Nagla Kalua,

Block : Gonda

District : Aligarh

Required : 50 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 72
200mm dia Slotted Pipe : 18
20 mtr

Streta :-

16-24 → 08 mtr

24-30 → 09 mtr

6.00	0.50
6.00	
6.00	17.50
6.00	23.50
3.50	27.00
6.00	
3.00	36.00
2.50	
6.00	
	44.50

Note - cement Sealing करनी होगी।

R.P.
AL

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 30.00 mtr
200mm dia Slotted Pipe : 15.00 mtr
Total : 45.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NAGLA KAWA, BLOCK- GONDA, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 101 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 18.July.2023.

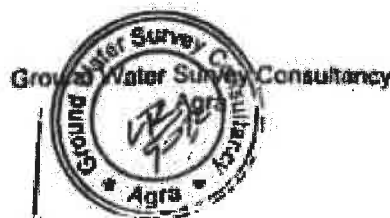
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 13.78 Ohms.

Drilling Water Resistivity = 14.83 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 - 9	4	Clay kankar	
3.	9 - 12	3	Fine sand	
4.	12 - 16	4	Clay kankar	
5.	16 - 24*	8	Fine to Medium sand	Med to Marginally
6.	24 - 27	3	Kankar	
7.	27 - 36*	9	Fine to Medium sand	Med to Marginally
8.	36 - 51	15	Clay kankar	
9.	51 - 54	3	Fine sand	Saline
10.	54 - 101	47	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 : 18/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Gonda SCHEME: NAGLA KALWA

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 : 18/7/23

Time : 10:00AM

Submitted By : RANANAND

Date:

Time 10.00 AM

Sign

Signature

TPI (Aarvee)

Receved 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 : 16/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: GONDA SCHEME: MAGLA KALUA

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 works

On Date : 16/7/23

Time : 10:00AM

Submitted By: KA MANAND

Date:

Time 10.00 AM

Sign

Signature

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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 19/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK : GONDA SCHEME : NAGLA KALUA

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 - 50

Assembly - 200x200mm Drill depth - 120M

On Date : 20/7/23

Time : 10:00AM

Submitted By : RAMANAND

Date:

Time 10.00 AM

Sign

[Signature]

TPI (Aarvee)

Recieved By : Adnan Kabab

Date

Time

Sign

[Signature]

Comments :

Civil Department

E&M, I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

SIGN:

REJECTED