



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Tappal Scheme:- Niguna Siguna
 Rig No/ Type DC:- DC Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 350
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- <u>29/12/2023</u>
		Pipe No. =	DPR Drilling Depth:- <u>110 MTR</u>
		Pipe No. =	Logging Started Date:- <u>31/12/2023</u>
		Pipe No. =	Logging Completed Date:- <u>31/12/2023</u>
		Pipe No. =	Lowering Started Date :-
		Pipe No. =	Lowering Completed Date :-
		Pipe No. =	Housing Pipe Φ :- MM M
		Pipe No. =	Above AGL Φ :- <u>200 MM</u> <u>0.50</u> M
		Pipe No. =	Plain Pipe Φ :- <u>200 MM</u> <u>36</u> M
		Pipe No. =	Slotted Pipe Φ :- <u>200 MM</u> <u>09</u> M
		Pipe No. =	Lowered Assembly:- <u>44.50</u> M
		Pipe No. =	Total Assembly+ AGL :- <u>44.50+0.50</u> M
		Pipe No. =	Actual Drilling Depth:- <u>110 MTR</u> M
		Pipe No. =	MS H Frame:- <u>200 mm Φ, 1 NIP</u>
		Pipe No. =	MS Ring:- <u>200 mm Φ, 0.9 NIP</u>
		Pipe No. =	MS Reducer:- <u>—</u>
		Pipe No. =	MS Bail Plug:- <u>200 mm Φ, 1 NIP</u>
		Pipe No. =	MS Clamp:- <u>200 mm Φ, 1 NIP</u>
		Pipe No. =	MS Well Cap:- <u>200 mm Φ, 1 NIP</u>
		Pipe No. =	Centre Guide:- <u>200 mm Φ, 0.3 NIP</u>
		Pipe No. =	
	6.00	Pipe No. = <u>10th</u>	
	6.00	Pipe No. = <u>9th</u>	
	6.00	Pipe No. = <u>8th</u>	
	0.50	Pipe No. = <u>7th</u>	
	6.00	Pipe No. = <u>6th</u>	
	6.00	Pipe No. = <u>5th</u>	
	30.00	Pipe No. = <u>4th</u>	
MSCRW SLOTTED	3.00	Pipe No. = <u>3rd</u>	
	33.00	Pipe No. = <u>2nd</u>	
	2.00	Pipe No. = <u>1st</u>	
MSCRW SLOTTED	6.00		
	41.00		
Bail Plug	3.50		
	44.50		

Himil Ranjan Kumar

Contractor Representative

Adnan

TPI Representative

Client Representative

G.P. : Niguma - Siguna

Block : Tappal

District : Aligarh

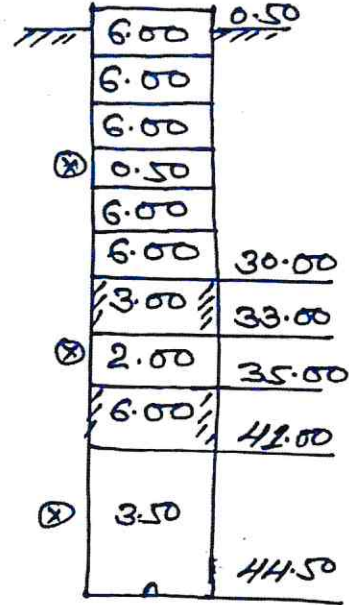
Required : 350 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 82
200mm dia Slotted Pipe : 18

Water level → 35 feet

Streta :-

30-33 → 03 mtr
35-41 → 06 mtr



Note → cement sealing करनी होगी

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 36.00 mtr
200mm dia Slotted Pipe : 09.00 mtr

Total : 45.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 105 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 31.Dec.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 = 11.09 Ohms.

Drilling Water Resistivity = 12.20 Ohms.

Approx Water Level = 14 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 12	4	Dry sand	
4.	12 - 30	18	Clay kankar	
5.	30 - 33	3	Kankar sand	Med to Marginally
6.	33 - 35	2	Clay kankar	
7.	35 - 41	6	Fine sand	Med to Marginally
8.	41 - 45	4	Clay kankar	
9.	45 - 48	3	Fine sand	Saline
10.	48 - 55	7	Clay kankar	
11.	55 - 58	3	Sand & kankar	Saline
12.	58 - 105	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 : 02/04/2024

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: Niguna Siguna

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 ms pipe Lowering work. Assembly Size - 200mm x 200mm Required discharge - 350 LPM

On Date : 03/04/2024

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR Date: 02/04/24 Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Received By Date Time Sign

Comments :

Civil Department

E&M, I/C Department

NAME, DESIG, SIGN APPROVED, APPROVED AS NOTED, REJECTED



KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly Kalpataru Power Transmission Limited)

aarvee associates
architects engineers & consultants pvt. ltd.



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPIL/01

RFI no:

JJM/ALIGARH/KPIL/

Date : 13/01/2024

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 : Niguna Siguna.

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 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	Compressor testing work.						

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 :

Compressor testing work
Assembly Size - 200mm ϕ x 200mm ϕ
Required discharge - 350 LPM.

On Date : 13/01/2024

Time :

Submitted By Amit Ranjan Kumar

Date: 13/01/2024 Time

Sign *Amit Ranjan Kumar*

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME : APPROVED

NAME : APPROVED

DESIG : APPROVED AS NOTED

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