



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- **Gonda** Scheme:- **Gorai zone-02**
 Rig No/ Type DC:- **DC** Size of Bore:- **500mm x 500mm**
 Under:- **JJM** Assembly Size:- **200mm x 200mm** Required LPM:- **290**
 Contractor:- **KPTL**

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- 13/01/2024
		Pipe No. =	DPR Drilling Depth:- 100 MTR
		Pipe No. =	Logging Started Date:- 19/01/2024
		Pipe No. =	Logging Completed Date:- 19/01/2024
		Pipe No. =	Lowering Started Date :- 20/01/2024
		Pipe No. =	Lowering Completed Date :- 20/01/2024
		Pipe No. =	Housing Pipe Φ :- — MM — M
		Pipe No. =	Above AGL Φ :- 200 MM 0.5 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 27.5 M
		Pipe No. =	Slotted Pipe Φ :- 200 MM 15.00 M
		Pipe No. =	Lowered Assembly:- 42 MTR M
		Pipe No. =	Total Assembly+ AGL :- 42+0.5 M = 42.50
		Pipe No. =	Actual Drilling Depth:- 100 MTR M
		Pipe No. =	MS H Frame:- 200 MTR, 1 Nos
		Pipe No. =	MS Ring:- 200mm, 7 Nos
		Pipe No. =	MS Reducer:-
		Pipe No. =	MS Bail Plug:- 200mm, 1 Nos
		Pipe No. =	MS Clamp:- 200mm, 1 Nos
		Pipe No. =	MS Well Cap:- 200mm, 1 Nos
		Pipe No. =	Centre Guide:- 03 Nos, 200mm
		Pipe No. =	
		Pipe No. =	
		Pipe No. =	
	6.00	Pipe No. = 8 th	
	4.50	Pipe No. = 7 th	
	6.00	Pipe No. = 6 th	
	3.00	Pipe No. = 5 th	
MSERW Slotted	6.00	Pipe No. = 4 th	
	5.00	Pipe No. = 3 rd	
MSERW Slotted	6.00	Pipe No. = 2 nd	
	6.00	Pipe No. = 1 st	
Bail Plug			

Amit Ranjan Kumar
 Contractor Representative

Adnan
 TPI Representative

Haughy
 Client Representative

G.P. : Goyal zone-II T.W

Block : Gonda

District : Aligarh

Required : 290 LPM

300mm dia Plain Pipe : x
200mm dia Plain Pipe : 78
200mm dia Slotted Pipe : 12
20mtr

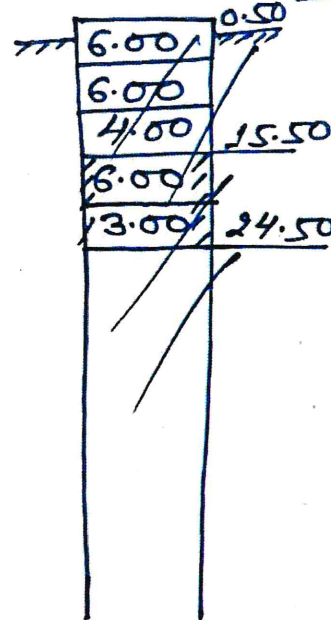
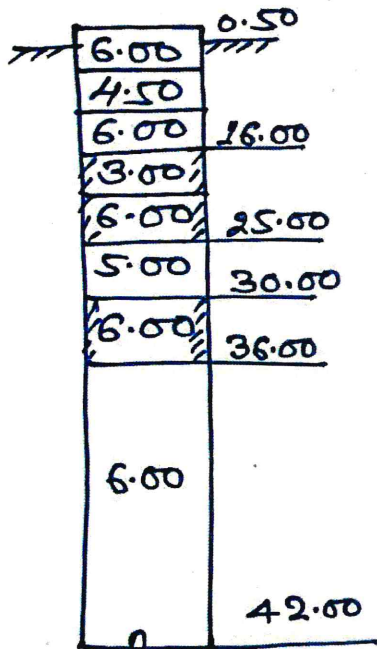
on Electric

Streta :-

15-25 → 10mtr

30-36 → 06mtr

Water Level → 45 feet



Note → 42 मी०से 45 मी०के मध्य cement Sealing करनी होगी।

300mm dia Plain Pipe : x
300X200 mm Reducer : x
200mm dia Plain Pipe : 27.50 mtr
200mm dia Slotted Pipe : 15.00 mtr

Total : 42.50 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GORAI -2, BLOCK- IGLAS, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 100 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 19Jan.2024.

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 = 14.08 Ohms.

Drilling Water Resistivity = 15.20 Ohms.

Approx Water Level = 12 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 - 13	5	Fine sand	
4.	13 - 15	2	Clay kankar	
5.	15 - 25	10	Fine to Medium sand	Medium
6.	25 - 30	5	Clay kankar	
7.	30 - 36	6	Fine to Medium sand	Medium
8.	36 - 45	9	Clay kankar	
9.	45 - 55	10	Sand & kankar	Marginally saline
10.	55 - 100	45	Clay kankar	

Ground Water Survey Consultancy





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 : 20/01/2024

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.202

Location of Work

DISTRICT:- ALIGARH BLOCK : Gonda SCHEME : Gorai Zone-02

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 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="checkbox"/>

Work Description :

Tube well ms pipe Lowering work
Assembly Size - 200mm Ø x 200mm Ø
Required discharge - 290 LPM

On Date : 20/01/2024

Time : 10:00 AM

Submitted By AMIT RANJAN KUMAR

Date: 20/01/2024 Time 9:00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Recieved By

Date

Time

Sign

Adnan

Comments :

Civil Department

E&M, I/C Department

NAME : APPROVED

NAME : APPROVED

DESIG : APPROVED AS NOTED

DESIG : APPROVED AS NOTED