



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh

Block:- Gonda

Scheme:- Pachehara

Rig No/ Type DC:-

Size of Bore:- 500mm x 500mm

Under:- JJM

Assembly Size:- 200mm x 200mm

Required LPM:- 480 LPM

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.50	Pipe No. =	Drilling Started Date:- 01/04/2024
		Pipe No. =	DPR Drilling Depth:- 110 MTR
		Pipe No. =	Logging Started Date:- 03/04/2024
		Pipe No. =	Logging Completed Date:- 03/04/2024
		Pipe No. =	Lowering Started Date :- 05/04/2024
		Pipe No. =	Lowering Completed Date :- 05/04/2024
		Pipe No. =	Housing Pipe Φ :- MM M
		Pipe No. =	Above AGL Φ :- 200 MM 0.5 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 30 M
		Pipe No. =	Slotted Pipe Φ :- 200 MM 16 M
		Pipe No. =	Lowered Assembly:- 45.50 M
		Pipe No. =	Total Assembly+ AGL :- 45.50 + 0.5 M
		Pipe No. =	Actual Drilling Depth:- 110 MTR M
		Pipe No. =	MS H Frame:- 200mm, 1NIP
		Pipe No. =	MS Ring:- 200mm, 1NIP
		Pipe No. =	MS Reducer:-
		Pipe No. =	MS Bail Plug:- 200mm, 1NIP
		Pipe No. =	MS Clamp:- 200mm, 1NIP
		Pipe No. =	MS Well Cap:- 200mm, 1NIP
		Pipe No. =	Centre Guide:- 200mm, 4 NOS
	6.00	Pipe No. = 11th	
	3.50	Pipe No. = 10th	
	6.00	Pipe No. = 9th	
	15.00	Pipe No. = 8th	
MSERW SLOTTED	8.00	Pipe No. = 7th	
MSERW SLOTTED	0.00	Pipe No. = 6th	
	22.00	Pipe No. = 5th	
	2.50	Pipe No. = 4th	
	24.50	Pipe No. = 3rd	
MSERW SLOTTED	6.00	Pipe No. = 2nd	
	30.50	Pipe No. = 1st	
	2.00		
MSERW SLOTTED	8.00		
	32.50		
	35.50		
	3.96		
	45.50		
Bail Plug	6.04		

Amit Ranjan Kumar
Contractor Representative

Adnan
TPI Representative

Client Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 110 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 03.April.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 = 14.21 Ohms.

Drilling Water Resistivity = 15.04 Ohms.

Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Clay kankar	
3.	7 - 11	4	Fine sand	
4.	11 - 15	4	Clay kankar	
5.	15 - 22	7	Medium sand	Medium
6.	22 - 25	3	Clay kankar	
7.	25 - 30	5	Medium sand	Medium
8.	30 - 33	3	Clay kankar	
9.	33 - 35	2	Fine to medium sand	Medium
10.	35 - 43	8	Clay kankar	
11.	43 - 50	7	Kankar sand	
12.	50 - 101	51	Clay kankar	

Ground Water Survey Consultancy
Agra



G.P. : Pachelara

Block : Gond 9

District : Jyots. Aligarh

Required : 480 LPM

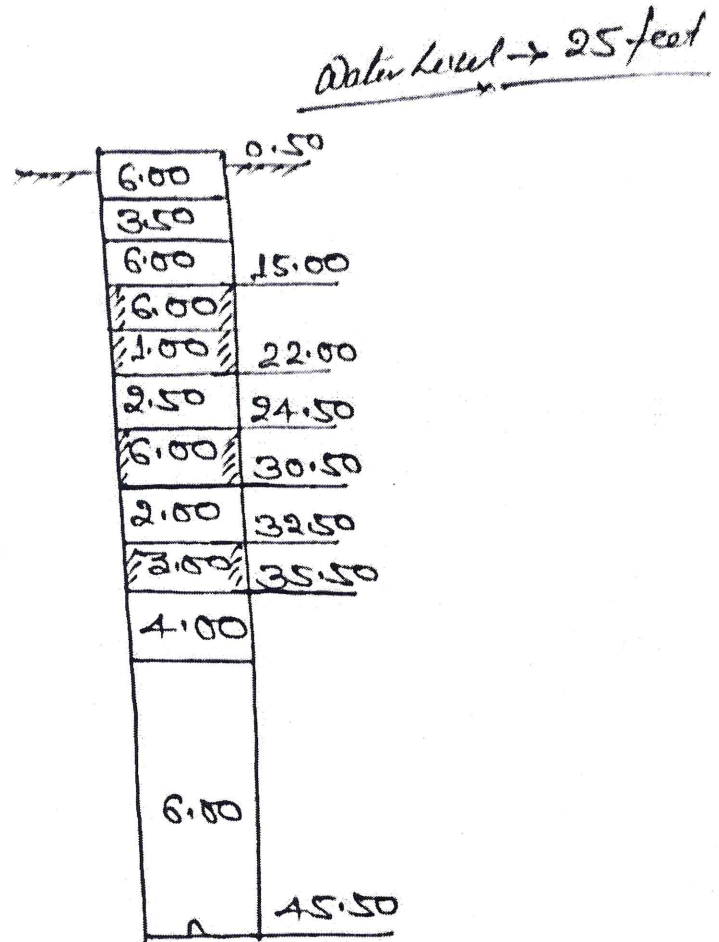
300mm dia Plain Pipe : X
200mm dia Plain Pipe : 46
200mm dia Slotted Pipe : 24
100 mtr

Streta :-

15-22 → 0.7 mtr

25-30 → 0.5 mtr

33-35 → 0.2 mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 30.00 mtr
200mm dia Slotted Pipe : 16.00 mtr

Total : 46.00 mtr



KALPA-TARU

KALPATARU PROJECTS INTERNATIONAL LIMITED
Infrastructure, Power, Transmission, Etc.

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 : 05/04/2024

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : Gonda

SCHEME : Pachhera

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 :

Tabewell ms pipe lowering work.
Assembly Size - 200mm x 200mm
Required discharge -

On Date : 05/04/2024

Time :

Submitted By Amit Ranjan Kumar

Date:

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

DESIG : APPROVED AS NOTED

SIGN: REJECTED

SIGN: REJECTED