



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh

Block:- **GLONDA**

Scheme:- **DHANTAVLI-1st**

Rig No/ Type DC:-

Size of Bore:- **500mm Ø**

Under:- JJM

Assembly Size:- **200mm x 200mm** Required LPM:- **460**

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.50	Pipe No. =	Drilling Started Date:- 18/09/2023 DPR Drilling Depth:- 120 mtr
		Pipe No. =	Logging Started Date:- 20/09/2023 Logging Completed Date:- 20/09/2023
		Pipe No. =	Lowering Started Date:- 23/09/2023 Lowering Completed Date:- 23/09/2023
		Pipe No. = 18 th 6.0	Housing Pipe Ø :- MM M Above AGL Ø :- MM M
		Pipe No. = 17 th 6.0	Plain Pipe Ø :- 200 MM 69 M Slotted Pipe Ø :- 200 MM 24 M
		Pipe No. = 16 th 6.0	Lowered Assembly:- 92.50 M Total Assembly+ AGL :- 92.50+0.50 = 93.00
		Pipe No. = 15 th 6.0	Actual Drilling Depth:- 125 M
		Pipe No. = 14 th 1.0	MS H Frame:- 01 200 mm MS Ring:- 17 200mm MS Reducer:-
	30.50	Pipe No. = 13 th 6.0	MS Bail Plug:- 01 200 mm MS Clamp:- 01 200 mm
Slotted		Pipe No. = 12 th 3.0	MS Well Cap:- 01 200mm Centre Guide:- 03 200mm
Slotted	39.50	Pipe No. = 11 th 6.0	
		Pipe No. = 10 th 6.0	
		Pipe No. = 9 th 6.0	
		Pipe No. = 8 th 6.0	
		Pipe No. = 7 th 6.0	
		Pipe No. = 6 th 2.0	
	71.50	Pipe No. = 5 th 6.0	
Slotted		Pipe No. = 4 th 6.0	
Slotted		Pipe No. = 3 rd 3.0	
Slotted	86.50	Pipe No. = 2 nd 6.0	
Bail Plug	90.50	Pipe No. = 1 st 6.0	

Randy
Contractor Representative

Adnan
TPI Representative

Client Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHATAULI ZONE 1, BLOCK- GONDA, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 107 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 20.Sep.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 = 14.19 Ohms.

Drilling Water Resistivity = 15.60 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 - 10	5	Clay kankar	
3.	10 - 15	5	Fine sand	
4.	15 - 20	5	Clay kankar	
5.	20 - 40*	20	Medium sand	
6.	40 - 46	6	Clay kankar	Medium
7.	46 - 49	3	Fine sand	
8.	49 - 55	6	Clay kankar	Med to Marginally
9.	55 - 60	5	Kankar & sand	
10.	60 - 71	11	Clay kankar	
11.	71 - 91*	20	Fine to Med sand & kan	Med to Marginally
12.	91 - 107	16	Clay kankar	

te : - Please ensure pre-monsoon water level before lower the well assembly



G.P. : Dhatauli Zone-I 1-10

Block : Gonda

District : Aligarh

Required : ~~655~~ LPM
460

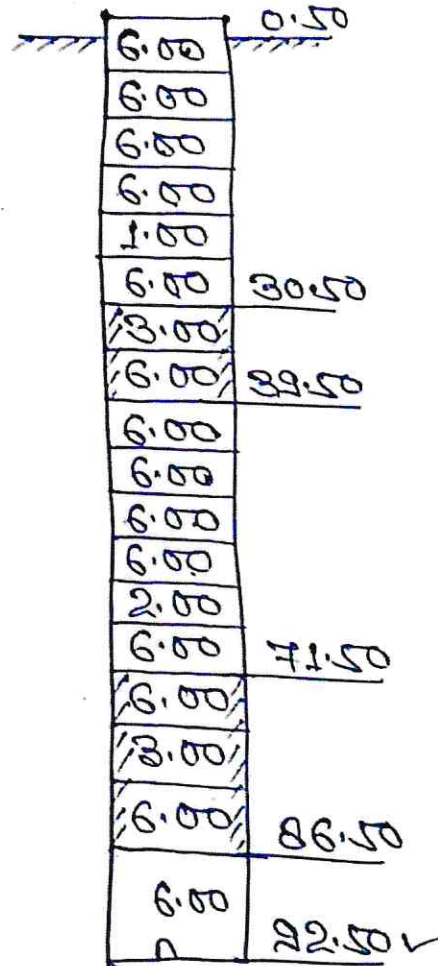
300mm dia Plain Pipe : X
200mm dia Plain Pipe : 76.00
200mm dia Slotted Pipe : 24.00
100 mtr

Streta :-

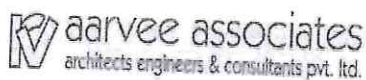
20-40 → 20 mtr

46-49 → 0.5 mtr

71-91 → 20 mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 62.00 mtr
200mm dia Slotted Pipe : 24.00 mtr
Total : 86.00 mtr



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/06 Date : 23/09/2023
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 : DHANTAULI - Ist

Following civil items are ready for inspection :
SBC Tube Well Excavation PCC RCC
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 :
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 Othe

Work Description :
M.S PIPE LOWERING WORK DEPTH - 120 MTR.
ASSEMBLY SIZE - 200mmø x 200mmø
REQUIRED DISCHARGE - 460 LPM

On Date : 23/09/2023 Time :

Submitted By : ~~ASHUTOSH~~ ASHUTOSH Date: Time: Sign: *Ashutosh*

TPI (Aarvee)

Recieved By: *Adnan Kabeeb* Date: Time: Sign: *Adnan*

Comments :

Civil Department E&M , I/C Department
NAME : APPROVED NAME : APPROVED
DESIG : APPROVED AS NOTED DESIG : APPROVED AS NOTED
SIGN: REJECTED SIGN: REJECTED