



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- AKARABAD Scheme:- RAJIPUR
 Rig No/ Type DC:- DC Size of Bore:- 500mm Ø X 500mm Ø
 Under:- JJM Assembly Size:- 200 mm Ø X 200mm Ø Required LPM:- 100
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- 01/02/2024 DPR Drilling Depth:- 100
		Pipe No. =	Logging Started Date:- 05/02/2024 Logging Completed Date:- 05/02/2024
		Pipe No. =	Lowering Started Date :- 09/02/2024 Lowering Completed Date :- 19/02/2024
		Pipe No. =	Housing Pipe Ø :- — MM — M Above AGL Ø :- 200 MM 0.5 M
		Pipe No. =	Plain Pipe Ø :- 200 MM 72.05 M Slotted Pipe Ø :- 200 MM 15 M
6.00		Pipe No. = 16 th	Lowered Assembly:- 86.55 M Total Assembly+ AGL :- 86.55+0.5 M
6.00		Pipe No. = 15 th	Actual Drilling Depth:- 105 MTR M
6.00		Pipe No. = 14 th	MS H Frame:- 200mm Ø, 1 NØ9
6.00		Pipe No. = 13 th	MS Ring:- 200mm Ø, 15 NØ9 MS Reducer:-
6.00		Pipe No. = 12 th	MS Bail Plug:- 200mm Ø, 1 NØ9 MS Clamp:- 200mm Ø, 1 NØ9
3.00		Pipe No. = 11 th	MS Well Cap:- 200mm Ø, 1 NØ9 Centre Guide:- 200mm Ø, 4 NØ9.
6.00	38.50	Pipe No. = 10 th	
MSERW SLOTTED 3.00		Pipe No. = 9 th	
MSERW SLOTTED 6.00	47.50	Pipe No. = 8 th	
6.00		Pipe No. = 7 th	
6.00		Pipe No. = 6 th	
3.00		Pipe No. = 5 th	
6.00		Pipe No. = 4 th	
6.00	74.50	Pipe No. = 3 rd	
MSERW SLOTTED 6.00	80.50	Pipe No. = 2 nd	
Bail Plug 6.05	86.55	Pipe No. = 1 st	

Amit Ranjan Kumar
Contractor Representative

Adnan
TPI Representative

Client Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAJIPUR, BLOCK- AKRABAD, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 105 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 05.Feb.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 = 14.83 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 - 12	7	Clay kankar	
3.	12 - 17	5	Sand & kankar	
4.	17 - 24	7	Clay kankar	
5.	24 - 30	6	Fine to Medium sand	Medium
6.	30 - 38	8	Clay kankar	
7.	38 - 48*	10	Medium sand	Medium
8.	48 - 64	16	Clay kankar	
9.	64 - 70	6	Fine sand	Medium
10.	70 - 74	4	Clay kankar	
11.	74 - 81*	7	Fine to Medium sand	Medium
12.	81 - 84	3	Clay kankar	
13.	84 - 88	4	Sand & kankar	Medium
14.	88 - 100	12	Clay kankar	

Ground Water Survey Consultancy



G.P. : Rajipur

Block : Akrabad

District : Aligarh

Required : 100 LPM

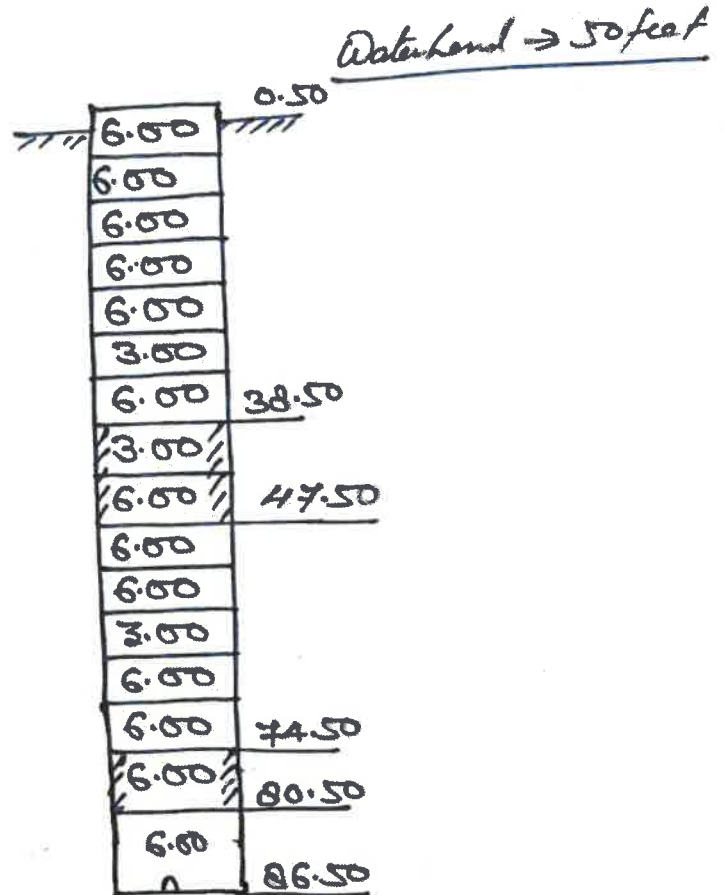
On Electric

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 72
200mm dia Slotted Pipe : 18
90mtr

Streta :-

38-48 → 10mtr

74-81 → 07mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 72.00 mtr
200mm dia Slotted Pipe : 15.00 mtr

Total : 87.00 mtr



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 : 8/02/2024
Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED		LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT:- ALIGARH	BLOCK : AKARABAD	SCHEME : RAJIPUR
Following civil items are ready for inspection :		Date :
SBC <input type="checkbox"/>	Tube Well <input checked="" type="checkbox"/>	Excavation <input type="checkbox"/>
Drilling <input type="checkbox"/>	Logging <input type="checkbox"/>	Lowering <input checked="" type="checkbox"/>
shuttering <input type="checkbox"/>	Brick Work <input type="checkbox"/>	Plaster Work <input type="checkbox"/>
Rising Main <input type="checkbox"/>	Backfilling <input type="checkbox"/>	M.S. Wicket Gate/ Window <input type="checkbox"/>
HDPE Pipeline <input type="checkbox"/>	Others <input type="checkbox"/>	

Following Mechanical, Electrical, C&I items are ready for inspection :		Date :
Instrumentation <input type="checkbox"/>	Welding <input type="checkbox"/>	Valves <input type="checkbox"/>
Pump Set <input type="checkbox"/>	Stabilizer <input type="checkbox"/>	Pannel <input type="checkbox"/>
Lighting <input type="checkbox"/>	EMF Meter <input type="checkbox"/>	Level / Pressure Transmitter <input type="checkbox"/>
Earthing cable <input type="checkbox"/>	Starter <input type="checkbox"/>	Piping- DI () HDPE () MS () MDPE ()

Work Description :
Tubewell ms pipe Lowering work.
Assembly Size - 200mm x 200mm
Required discharge - 100 LPM

On Date : 08/02/2024	Time : 4:00 PM
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Submitted By AMITRANJANKUMAR	Date: 08/02/2024	Time 10:16	Sign Amit Ranjan Kumar
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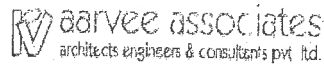
TPI (Aarvee)			
Received By	Date	Time	Sign

Comments :

Civil Department		E&M, I/C Department	
NAME :	<input type="checkbox"/> APPROVED	NAME :	<input type="checkbox"/> APPROVED
DESIG :	<input type="checkbox"/> APPROVED AS NOTED	DESIG :	<input type="checkbox"/> APPROVED AS NOTED



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HDPE Pipeline	<input type="checkbox"/>	Others	<input type="text"/>						

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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 :

On Date :

Time :

Submitted By _____

Date: _____

Time _____

Sign _____

TPI (Aarvee)

Recieved By _____

Date _____

Time _____

Sign _____

Comments :

Civil Department

E&M , I/C Department

NAME :

APPROVED

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APPROVED

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APPROVED AS NOTED

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SIGN:

REJECTED

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Date:

Time

Sign

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

NAME : APPROVED

DESIG : APPROVED AS NOTED

SIGN: REJECTED

E&M , I/C Department

NAME : APPROVED

DESIG : APPROVED AS NOTED

SIGN: REJECTED



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