

Slotted - 12M
L/G - 6M



aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh	Block:- LOOHA	Scheme:- HARDASPOR
Rig No/ Type DC:-	Size of Bore:- 500 MM	
Under:- JJM	Assembly Size:- 200x200 MM	Required LPM:- 390
Contractor:- KPTL		

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.50	Pipe No. =	Drilling Started Date:- 17/7/23
		Pipe No. = 20 = 6.00	DPR Drilling Depth:- 120M
		Pipe No. = 19 = 6.00	Logging Started Date:- 19/7/23
		Pipe No. = 18 = 6.00	Logging Completed Date:- 19/7/23
		Pipe No. = 17 = 6.00	Lowering Started Date :-
		Pipe No. = 16 = 6.00	Lowering Completed Date :-
		Pipe No. = 15 = 6.00	Housing Pipe Ø :- MM M
		Pipe No. = 14 = 1.00	Above AGL Ø :- 200 MM M
		Pipe No. = 13 = 6.00	Plain Pipe Ø :- 200 MM 86.50 M
		Pipe No. = 12 = 3.00	Slotted Pipe Ø :- 200 MM 18 M
		Pipe No. = 11 = 6.00	Lowered Assembly:- 104 M
		Pipe No. = 10 = 5.00	Total Assembly+ AGL :- 104+0.50 M
		Pipe No. = 9 = 6.00	Actual Drilling Depth:- 120M M
		Pipe No. = 8 = 3.00	MS H Frame:- 01
		Pipe No. = 7 = 6.00	MS Ring:- 19
		Pipe No. = 6 = 2.50	MS Reducer:-
		Pipe No. = 5 = 6.00	MS Bail Plug:- 01
		Pipe No. = 4 = 6.00	MS Clamp:- 01
		Pipe No. = 3 = 6.00	MS Well Cap:- 01
		Pipe No. = 2 = 6.00	Centre Guide:- 03
		Pipe No. = 1 = 6.00 M	
Bail Plug	104		

Andley
Contractor Representative

Adnan
TPI Representative

Client Representative

G.P. : Haridwar

Block : Lodha

District : Aligarh

Required : 390 LPM

0562-26
: 26
Yahoo

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

Streta :-

42-46 → 0.4 mtr

60-66 → 0.6 mtr

74-80 → 0.6 mtr

92-108 → 1.6 mtr

6.00	0.50
6.00	
6.00	
6.00	
6.00	
6.00	
1.00	
6.00	42.50
3.00	45.50
6.00	
5.00	
6.00	62.50
3 mtr 6.00	65.50
6.00	
2.50	74.00
6.00	80.00
6.00	
6.00	92.00
6.00	98.00
6.00	104.00 V

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 86.50 mtr
200mm dia Slotted Pipe : 18.00 mtr
Total : 104.50 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- HARDASPUR, BLOCK- LODHA, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 112 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 19.July.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:-

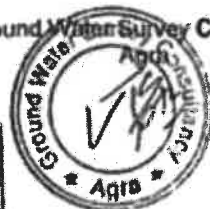
Mud Resistivity = 15.73 Ohms.

Drilling Water Resistivity = 16.82 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 26	8	Clay kankar	
4.	26 - 32	6	Medium sand	Medium
5.	32 - 42	10	Clay kankar	
6.	42 - 46*	4	Fine to Medium sand	Medium
7.	46 - 60	14	Clay kankar	
8.	60 - 66*	6	Fine to Medium sand	Medium
9.	66 - 74	8	Clay kankar	
10.	74 - 80*	6	Medium sand	Medium
11.	80 - 92	12	Clay kankar	
12.	92 - 108*	16	Medium sand & kankar	Medium
13.	108 - 112	4	Clay kankar	

Ground Water Survey Consultancy





PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 21/7/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: LODHA SCHEME: HARIDASPUR

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 lowering work LPM-390
Drill depth- 120M
Assembly- 200 X 200MM

On Date : Time : 10:00AM

Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

TPI (Aarvee) Received By Adnan Akabach 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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01 RFI no: JJM/ALIGARH/KPTL/ Date : 19/07/23

Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: LODHA SCHEME: HAROASPUR

Following civil items are ready for inspection : Date : SBC [] Tube Well [] Excavation [] PCC [] RCC [] Drilling [] Logging [x] 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 : Electro logging work

On Date : 19/7/23 Time : 10:00AM Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/D1	RFI no: JJM/ALIGARH/KPTL/	Date : 16/7/22
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

DISTRICT: ALIGARH	BLOCK : LODHA	SCHEME : HARIDAS PUR
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Following civil items are ready for inspection : Date :

SBC <input type="checkbox"/>	Tube Well <input type="checkbox"/>	Excavation <input type="checkbox"/>	PCC <input type="checkbox"/>	RCC <input type="checkbox"/>
Drilling <input checked="" 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 <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"/>	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 :
 Rig machine installation and drilling work.

On Date : Time : 10:00AM
 Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

TPI (Aarvee)
 Recieved 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
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> REJECTED