



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh	Block:- 1G(CAS)	Scheme:- SATHINI - III
Rig No/ Type DC:-	Size of Bore:- 500MM Ø	
Under:- JJM	Assembly Size:- 200X200 MM Ø	Required LPM:- 315
Contractor:- KPTL		

(PatpanNagi)

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 20/7/23
			DPR Drilling Depth:- 110 M
		Pipe No. =	Logging Started Date:- 28/23
			Logging Completed Date:- 2/8/23
		Pipe No. =	Lowering Started Date :- 04/8/23
			Lowering Completed Date :-
		Pipe No. =	Housing Pipe Ø :- MM M
			Above AGL Ø :- MM M
		Pipe No. =	Plain Pipe Ø :- 200 MM 47 M
			Slotted Pipe Ø :- 200 MM 15 M
		Pipe No. =	Lowered Assembly:- 61.5 M
			Total Assembly+ AGL :- 61.5 + 0.50 M
		Pipe No. =	Actual Drilling Depth:- 110 M M
			MS H Frame:- 01
		Pipe No. =	MS Ring:- 12
		MS Reducer:-	
	Pipe No. = 13 = 6.00	MS Bail Plug:- 01	
		MS Clamp:- 01	
	Pipe No. = 12 = 6.00	MS Well Cap:- 01	
		Centre Guide:- 02	
	Pipe No. = 11 = 6.00		
	Pipe No. = 10 = 6.00		
	Pipe No. = 9 = 5.00		
	Pipe No. = 8 = 6.00		
	Pipe No. = 7 = 6.00		
	Pipe No. = 6 = 5.50		
	Pipe No. = 5 = 6.00		
	Pipe No. = 4 = 1.00		
	Pipe No. = 3 = 2.00		
	Pipe No. = 2 = 0.50		
	Pipe No. = 1 = 6.00		

0.50
TITITIT

28.50
34.50

46.0

55.0

61.50

scotted

scotted

LIG

LIG

Bail Plug

Amit Ranjan Kumar
Contractor
Representative

Sahar
TPI
Representative

Hansh
Client
Representative

KPTU

G.P. : Sathini zone-III T.O (Patpan Nogra)

Block : 19/08

District : Aligarh.

Required : ~~120~~ LPM
315

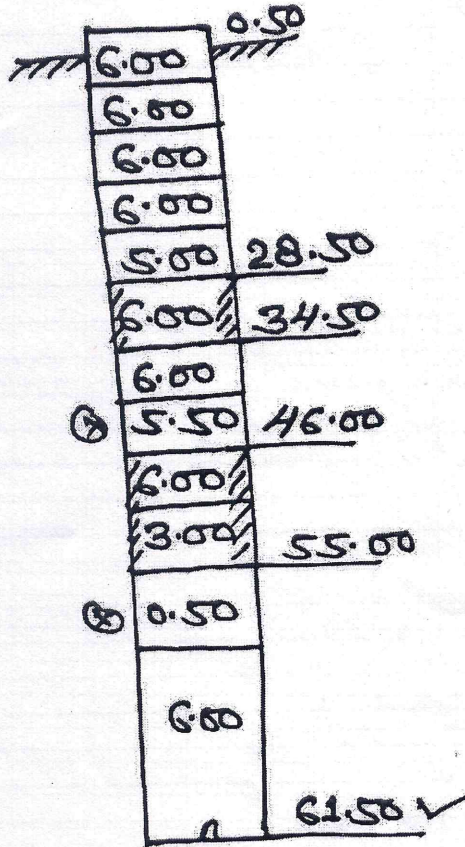
on Electric

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

Streta :-

8-35 → 07 mtr

46-55 → 09 mtr



Note :- cement sealing करनी होगी।

Amal
AE

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 97 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 02.Aug.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 = 12.83 Ohms.

Drilling Water Resistivity = 13.30 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 - 12	4	Sand & kankar	
4.	12 - 16	4	Clay kankar	
5.	16 - 20	4	Fine sand	Saline
6.	20 - 28	8	Clay kankar	
7.	28 - 35*	7	Fine to medium sand	Med to Marginally
8.	35 - 46	11	Clay kankar	
9.	46 - 55*	9	Fine to Medium sand	Med to Marginally
10.	55 - 72	17	Clay kankar	
11.	72 - 78	6	Fine sand	Saline
12.	78 - 97	19	Clay kankar	

Ground Water Survey Consultancy





Aarvee associates
architects engineers & consultants pvt. ltd.



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no:
JJM/ALIGARH/KPTL/_____

Date : 4/8/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK : IG CAS SCHEME : SATHMI - III

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-315

Drill depth - 110

Assembly - 200x200 mm

On Date : 4/8/23 Time : 10:00AM

Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

TPI (Aarvee)
 Recieved By Adnan Faruqi Date Time Sign Adnan

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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

02/8/23

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : SATYAN - II

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: IGCLAS SCHEME: SATYAN - III

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 :

Electro logging work.

On Date: Time: 10:00AM

Submitted By: RAMANAND Date: Time 10.00 AM Sign: [Signature]

TPI (Aarvee)

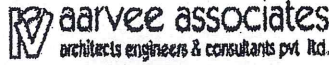
Recieved By Date Time Sign [Signature]

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 : 30/7/23
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

DISTRICT: ALIGARH	BLOCK : IG CAS	SCHEME : SAT HNI - III
-------------------	----------------	------------------------

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="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="text"/>	

Work Description :
 Rig machine insteaction and drilling work.

On Date : 30/7/23	Time : 10:00AM
Submitted By : RAMANAND	Date: Time 10.00 AM Sign: Ramanand
TPI (Aarvee)	
Recieved By :	Date Time Sign: Adnan

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