



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:- dhofauli zone-02

Rig No/ Type DC:- DL Size of Bore:- 500mm x 500mm

Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 200 LPM

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- 17/12/2023
1.00		Pipe No. =	DPR Drilling Depth:- 110
		Pipe No. =	Logging Started Date:- 20/12/2023
		Pipe No. =	Logging Completed Date:- 20/12/2023
		Pipe No. =	Lowering Started Date :- 22/12/2023
		Pipe No. =	Lowering Completed Date :- 22/12/2023
		Pipe No. =	Housing Pipe Φ :- MM M
		Pipe No. =	Above AGL Φ :- 200 MM 0.5 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 51.00 M
		Pipe No. =	Slotted Pipe Φ :- 200 MM 18.00 M
		Pipe No. =	Lowered Assembly:- 68.50 M
		Pipe No. =	Total Assembly+ AGL :- 68.50+0.5 M
6.00		Pipe No. = 15 th	Actual Drilling Depth:- 110 M
6.00		Pipe No. = 14 th	MS H Frame:- 200mm, 1N4
3.00		Pipe No. = 13 th	MS Ring:- 200mm, 14 N4
		Pipe No. = 13 th	MS Reducer:-
6.00	20.50	Pipe No. = 12 th	MS Bail Plug:- 200 mm, 1N4
6.00	26.50	Pipe No. = 11 th	MS Clamp:- 200mm, 1N4
6.00		Pipe No. = 10 th	MS Well Cap:- 200 mm, 1N4
3.00	35.50	Pipe No. = 9 th	Centre Guide:- 200mm, 4N4
3.00	38.50	Pipe No. = 8 th	
6.00		Pipe No. = 7 th	
0.50		Pipe No. = 6 th	
6.00	51.00	Pipe No. = 5 th	
3.00		Pipe No. = 4 th	
6.00	60.00	Pipe No. = 3 rd	
2.50		Pipe No. = 2 nd	
Bail Plug 6.00	68.50	Pipe No. = 1 st	

Anil Ranjan Kumar

Contractor Representative

Adnan

TPI Representative

Client Representative

G.P. : Dhatauli zone-II T.W

Block : Gondab

District : Aligarh

Required : 250 LPM

on Electric

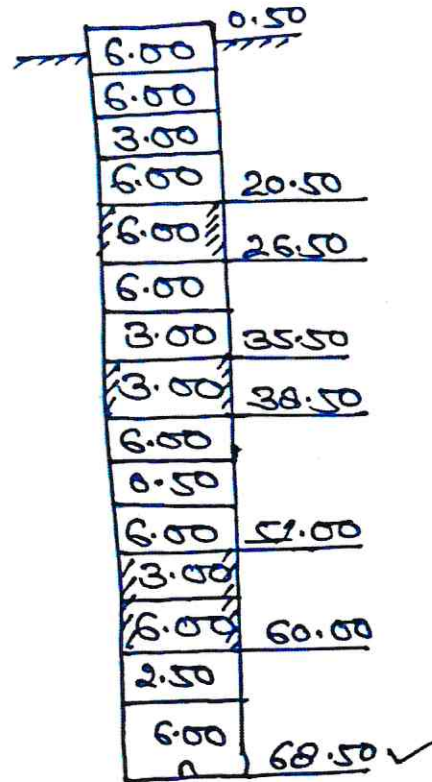
300mm dia Plain Pipe : X
200mm dia Plain Pipe : 78
200mm dia Slotted Pipe : 12
90mtr

Streta :-

20-27 → 07mtr

35-39 → 04mtr

51-60 → 09mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 51.00 mtr
200mm dia Slotted Pipe : 18.00 mtr

Total : 69.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NITHAWARI DHATAULI -2, BLOCK- GONDA, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 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 20.Dec.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 = 14.75 Ohms.

Drilling Water Resistivity = 15.20 Ohms.

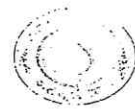
Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 15	7	Fine sand	Medium
4.	15 - 20	5	Clay kankar	
5.	20 - 27	7	Fine to medium sand	Medium
6.	27 - 35	8	Clay kankar	
7.	35 - 39	4	Fine to medium sand	Medium
8.	39 - 51	12	Clay kankar	
9.	51 - 60*	9	Medium sand	Medium
10.	60 - 100	40	Clay kankar	

Ground Water Survey Consultancy



KALPATARU



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Formal No : JIM/ALIGARH/KPII/01

RFI no: JIM/ALIGARH/KPII

Date: 22/12/2023

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: dhafauli zone-02

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"/>
Drilling	<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"/>	Slour	<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 :

Tubewell ms pipe Lowering work
Assembly Size - 200 mm x 200 mm
Required discharge - 200 lpm

On Date: 22/12/2023

Time: 04:00 PM

Submitted By: AMIT RANJAN KU.

Date: 22/12/2023

Time: 10:00 AM

Sign: Amit Ranjan Kumar

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
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> REJECTED